

## **Annual report of the Sanitary Commissioner with the Government of India.**

### **Contributors**

India. Sanitary Commissioner.

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ANNUAL REPORT  
OF THE  
SANITARY COMMISSIONER WITH THE  
GOVERNMENT OF INDIA

FOR  
1919

WITH  
APPENDICES AND RETURNS OF SICKNESS AND MORTALITY AMONG  
EUROPEAN TROOPS, INDIAN TROOPS, AND PRISONERS  
IN INDIA FOR THE YEAR.



CALCUTTA  
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1921

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# TABLE OF CONTENTS.

## SECTION I.

### EUROPEAN ARMY OF INDIA.

PARA.		PAGE.
	Key to graphs ... ..	2
1.	Introductory ... ..	3
2.	Influenza ... ..	6
3.	Malaria ... ..	7
4.	Sandfly fever ... ..	9
5.	Pyrexia of uncertain origin ... ..	9
6.	Dengue ... ..	9
7.	Enterica ... ..	10
	Enteric convalescent depots ... ..	12
8.	Dysentery, Colitis and Diarrhoea ... ..	13
9.	Venereal diseases ... ..	15
10.	Cholera ... ..	17
11.	Beri-beri ... ..	17
12.	Heat-stroke... ..	17
13.	Pneumonia ... ..	18
14.	Tubercle of the lungs ... ..	19
15.	Scarlet fever ... ..	19
16.	Diphtheria ... ..	19
17.	Measles ... ..	19
18.	Other respiratory diseases ... ..	20
19.	Small-pox ... ..	20
20.	Cerebro-spinal fever ... ..	20
21.	Poisoning ... ..	21
22.	Invaliding ... ..	21
23.	Officers ... ..	22
24.	Women ... ..	25
25.	Children ... ..	26

## SECTION II.

### INDIAN ARMY.

	Key to graphs ... ..	28
26.	Introductory ... ..	29
27.	Admissions ... ..	29
28.	Deaths ... ..	30
29.	<i>Extra</i> India ... ..	31
30.	Northern and Southern Armies, Divisions ... ..	31
31.	Stations ... ..	32
32.	Influenza ... ..	33
33.	Malaria ... ..	33
34.	Sandfly fever ... ..	36
35.	Pyrexia of uncertain origin ... ..	36
36.	Dengue ... ..	37
37.	Enterica ... ..	38
38.	Dysentery, Colitis and Diarrhoea ... ..	39
39.	Infective Enteritis ... ..	40
40.	Venereal diseases ... ..	40

PARA.	PAGE.
41. Cholera ... ..	42
42. Beri-beri ... ..	44
43. Scurvy ... ..	44
44. Pneumonia ... ..	45
45. Tubercle of the lungs ... ..	46
46. Small-pox ... ..	47
47. Cerebro-spinal fever ... ..	48
48. Plague ... ..	48
49. Mumps ... ..	49
50. Relapsing fever ... ..	49
51. Mediterranean fever ... ..	50
52. Kala-azar ... ..	50
53. Oriental Sore ... ..	50
54. Scabies ... ..	50
55. Guinea-worm disease ... ..	50
56. Hookworm ... ..	50
57. Ringworm ... ..	51
58. Suicides ... ..	51
59. Invaliding ... ..	51
60. British Officers ... ..	51
61. Nepalese contingent ... ..	52
62. Imperial Service Troops ... ..	53

## SECTION III.

## GENERAL POPULATION.

63. Meteorology ... ..	55
64. Agricultural conditions ... ..	55
65. Births and deaths ... ..	56
Births ... ..	56
Deaths ... ..	57
66. Infant and child welfare work in India ... ..	60
67. Chief causes of mortality ... ..	61
68. Cholera ... ..	61
69. Dysentery and diarrhoea ... ..	64
70. Small-pox ... ..	64
71. Plague ... ..	65
72. Fevers ... ..	68
Influenza ... ..	68
Relapsing fever ... ..	72
Typhus fever ... ..	73
Enteric fever ... ..	73
Measles ... ..	73
Kala-azar ... ..	74
73. Respiratory diseases ... ..	74
Pulmonary tuberculosis ... ..	75
74. Ankylostomiasis ... ..	76
75. Beri-beri ... ..	76
76. Cutaneous anthrax ... ..	77
77. Leproy ... ..	77
78. Deaths from snake-bite and wild animals ... ..	77
79. Rabies ... ..	78
80. Sanitary arrangements at fairs and festivals ... ..	78
81. Unsound and adulterated food ... ..	79
82. School sanitation ... ..	80

PARA.		PAGE.
83.	Sanitation of the main ports ... ..	80
	Calcutta ... ..	81
	Bombay ... ..	81
	Karachi ... ..	82
	Aden ... ..	82
	Madras ... ..	82
	Rangoon ... ..	82
84.	Intelligence and publicity ... ..	83
85.	Conclusion ... ..	83

## SECTION IV.

## JAILS OF INDIA.

86.	The prison population in 1919 ... ..	85
87.	Total sickness and mortality rates ... ..	85
88.	Influenza ... ..	86
89.	Malaria ... ..	86
90.	Cholera ... ..	87
91.	Dysentery ... ..	87
92.	Diarrhœa ... ..	87
93.	Tubercle of the lungs ... ..	88
94.	Pneumonia ... ..	88
95.	Enteric fever ... ..	89
96.	Pyrexia of uncertain origin ... ..	89
97.	Bengal ... ..	89
98.	Assam ... ..	91
99.	Bihar and Orissa ... ..	91
100.	United Provinces ... ..	93
101.	Punjab ... ..	95
102.	North-West Frontier Province ... ..	96
103.	Central Provinces and Berar ... ..	97
104.	Bombay ... ..	98
105.	Madras ... ..	99
106.	Burma ... ..	101
107.	Andamans ... ..	102

## SECTION V.

## VACCINATION.

108.	Vaccination in India ... ..	105
109.	Vaccine Lymph ... ..	106
110.	General remarks ... ..	106
111.	Delhi ... ..	107
112.	Bengal ... ..	107
113.	Bihar and Orissa ... ..	107
114.	Assam ... ..	107
115.	United Provinces ... ..	107
116.	Punjab ... ..	108
117.	North-West Frontier Province ... ..	108
118.	Central Provinces ... ..	108
119.	Madras ... ..	108
120.	Bombay ... ..	108
121.	Burma ... ..	108
122.	Vaccination among troops ... ..	109

## SECTION VI.

## MEDICAL INSTITUTIONS.

*i.—Civil Hospitals and Dispensaries (State-Public, Local Fund, and Private-aided.)*

123.	India ... ..	111
124.	Delhi ... ..	112

PARA.					PAGE.
125.	Bengal (excluding Calcutta)	...	...	...	112
126.	Calcutta	...	...	...	112
127.	Assam	...	...	...	112
128.	Bihar and Orissa	...	...	...	112
129.	Central Provinces and Berar	...	...	...	113
130.	United Provinces	...	...	...	113
131.	Punjab	...	...	...	113
132.	North-West Frontier Province	...	...	...	114
133.	Burma	...	...	...	114
134.	Bombay	...	...	...	115
135.	Madras	...	...	...	115
136.	<i>ii.—Civil Hospitals and Dispensaries (State-Special Railway and Private non-aided).</i>				116
137.	<i>iii.—Lunatic Asylums</i>				118
<i>iv.—Medical Colleges.</i>					
138.	Bombay	...	...	...	119
139.	Madras	...	...	...	120
140.	Punjab	...	...	...	121
141.	Bengal	...	...	...	122
142.	United Provinces	...	...	...	123
<i>v.—Medical Schools.</i>					
143.	Bengal	...	...	...	123
144.	Madras	...	...	...	124
145.	Bombay	...	...	...	125
146.	United Provinces	...	...	...	125
147.	Punjab	...	...	...	126
148.	Burma	...	...	...	126
149.	Bihar and Orissa	...	...	...	126
150.	Assam	...	...	...	127
151.	The X-Ray Institute of India	...	...	...	127
SECTION VII.					
SANITARY WORKS.					
152.	India	...	...	...	129
153.	Bengal	...	...	...	129
154.	Sanitary Board	...	...	...	130
155.	Assam	...	...	...	130
156.	Sanitary Board	...	...	...	131
157.	Bihar and Orissa	...	...	...	131
158.	Sanitary Board	...	...	...	131
159.	United Provinces	...	...	...	132
160.	Public Health Board	...	...	...	132
161.	Punjab	...	...	...	133
162.	Sanitary Board	...	...	...	133
163.	North-West Frontier Province	...	...	...	134
164.	Central Provinces and Berar	...	...	...	134
165.	Sanitary Board	...	...	...	134
166.	Madras	...	...	...	135
167.	Sanitary Board	...	...	...	135
168.	Bombay	...	...	...	135
169.	Sanitary Board	...	...	...	136
170.	Burma	...	...	...	137
171.	Sanitary Board	...	...	...	137
172.	Military Works	...	...	...	137

## SECTION VIII.

## GENERAL REMARKS.

PARA.					PAGE.
173.	Introductory	...	...	...	139
174.	Laboratories	...	...	...	140
	Central Research Institute, Kasauli	...	...	...	140
	Bombay Bacteriological Laboratory	...	...	...	141
	King Institute of Preventive Medicine, Madras	...	...	...	142
	Pasteur Institute, Kasauli	...	...	...	143
	Pasteur Institute of Southern India, Coonoor	...	...	...	144
	Pasteur Institute of Assam	...	...	...	144
	Pasteur Institute of Burma, Rangoon	...	...	...	145
175.	Indian Research Fund Association	...	...	...	145
	Appendix to Section VIII—Report Yellow Fever Committee of				147

## APPENDICES.

Section I	...	...	...	...	ii—iv
Section II	...	...	...	...	v—ix
Section III	...	...	...	...	x—xxii
Section IV	...	...	...	...	xxiii—xxvii
Section V	...	...	...	...	xxviii—xxix

SECTION VII

GENERAL INDEX

100	Index
101	Index
102	Index
103	Index
104	Index
105	Index
106	Index
107	Index
108	Index
109	Index
110	Index
111	Index
112	Index
113	Index
114	Index
115	Index
116	Index
117	Index
118	Index
119	Index
120	Index
121	Index
122	Index
123	Index
124	Index
125	Index
126	Index
127	Index
128	Index
129	Index
130	Index
131	Index
132	Index
133	Index
134	Index
135	Index
136	Index
137	Index
138	Index
139	Index
140	Index
141	Index
142	Index
143	Index
144	Index
145	Index
146	Index
147	Index
148	Index
149	Index
150	Index
151	Index
152	Index
153	Index
154	Index
155	Index
156	Index
157	Index
158	Index
159	Index
160	Index
161	Index
162	Index
163	Index
164	Index
165	Index
166	Index
167	Index
168	Index
169	Index
170	Index
171	Index
172	Index
173	Index
174	Index
175	Index
176	Index
177	Index
178	Index
179	Index
180	Index
181	Index
182	Index
183	Index
184	Index
185	Index
186	Index
187	Index
188	Index
189	Index
190	Index
191	Index
192	Index
193	Index
194	Index
195	Index
196	Index
197	Index
198	Index
199	Index
200	Index

APPENDIX

201	Appendix
202	Appendix
203	Appendix
204	Appendix
205	Appendix
206	Appendix
207	Appendix
208	Appendix
209	Appendix
210	Appendix
211	Appendix
212	Appendix
213	Appendix
214	Appendix
215	Appendix
216	Appendix
217	Appendix
218	Appendix
219	Appendix
220	Appendix
221	Appendix
222	Appendix
223	Appendix
224	Appendix
225	Appendix
226	Appendix
227	Appendix
228	Appendix
229	Appendix
230	Appendix
231	Appendix
232	Appendix
233	Appendix
234	Appendix
235	Appendix
236	Appendix
237	Appendix
238	Appendix
239	Appendix
240	Appendix
241	Appendix
242	Appendix
243	Appendix
244	Appendix
245	Appendix
246	Appendix
247	Appendix
248	Appendix
249	Appendix
250	Appendix



## KEY TO GRAPHS—BRITISH TROOPS.

Admission ratios per 1,000.

Period.	All causes.	Air-borne.	Food and Water-borne.	Insect-borne.		Infectious diseases. Organism unknown.	Pyrexia of uncertain origin.	Diseases of Direct Contagion.	Food Deficiency Diseases.
		Laryngitis. Bronchitis. Broncho-pneumonia. Tubercle of lung. All other respiratory diseases. Whooping cough. Diphtheria. Cerebro-spinal meningitis. Influenza.	Gastritis. Diarrhoea. Colitis. Enteritis. Dysentery. Hepatitis. Hepatic abscess. Enterica. Cholera.	Winged.	Wingless.	Varicella. Typhus. *Skin affections. i. e. Scabies. Tinea. Favus. Ringworm. (Trench fever.)		Syphilis. Gonorrhoea. Soft chancre. Leprosy.	Scurvy. Beri-beri.
1875—79	1,475.4	62.6	156.0	570.7	†2.4	44.3	...	206.1	0.3
1880—84	1,500.3	56.3	126.6	581.5	†2.6	36.7	...	228.3	1.1
1885—89	1,446.3	38.1	112.2	429.5	9.3	31.8	...	374.5	1.4
1890—94	1,468.3	49.9	90.0	435.1	7.5	31.5	...	436.3	0.3
1895—99	1,383.7	41.9	94.0	360.0	7.3	30.7	...	446.5	0.4
1900—04	1,045.9	34.2	63.5	279.5	9.2	19.9	...	258.7	0.5
1905—09	802.5	34.8	54.9	209.8	11.2	11.8	‡67.4	100.0	0.5
1910—14	567.2	20.7	38.1	145.0	8.1	5.6	22.8	55.1	0.3
1915—19	881.7	98.2	71.7	265.8	13.0	10.1	4.3	55.0	0.3
1915	823.1	34.0	61.9	211.8	10.2	17.4	9.4	29.1	0.5
1916	772.0	36.5	70.1	238.7	13.5	12.5	7.4	36.8	0.6
1917	771.7	36.1	67.8	263.5	17.7	8.7	4.2	52.0	0.1
1918	1,030.2	‡252.7	75.4	304.1	9.0	6.6	1.2	62.5	0.1
1919	972.1	64.9	81.1	‖281.4	14.9	10.2	1.2	87.6	0.2

\*Skin affections have been included under this heading for convenience, as the grouping is made from the Public Health point of view.

†Records incomplete.

‡Two years' average only. Diagnosis introduced 1908.

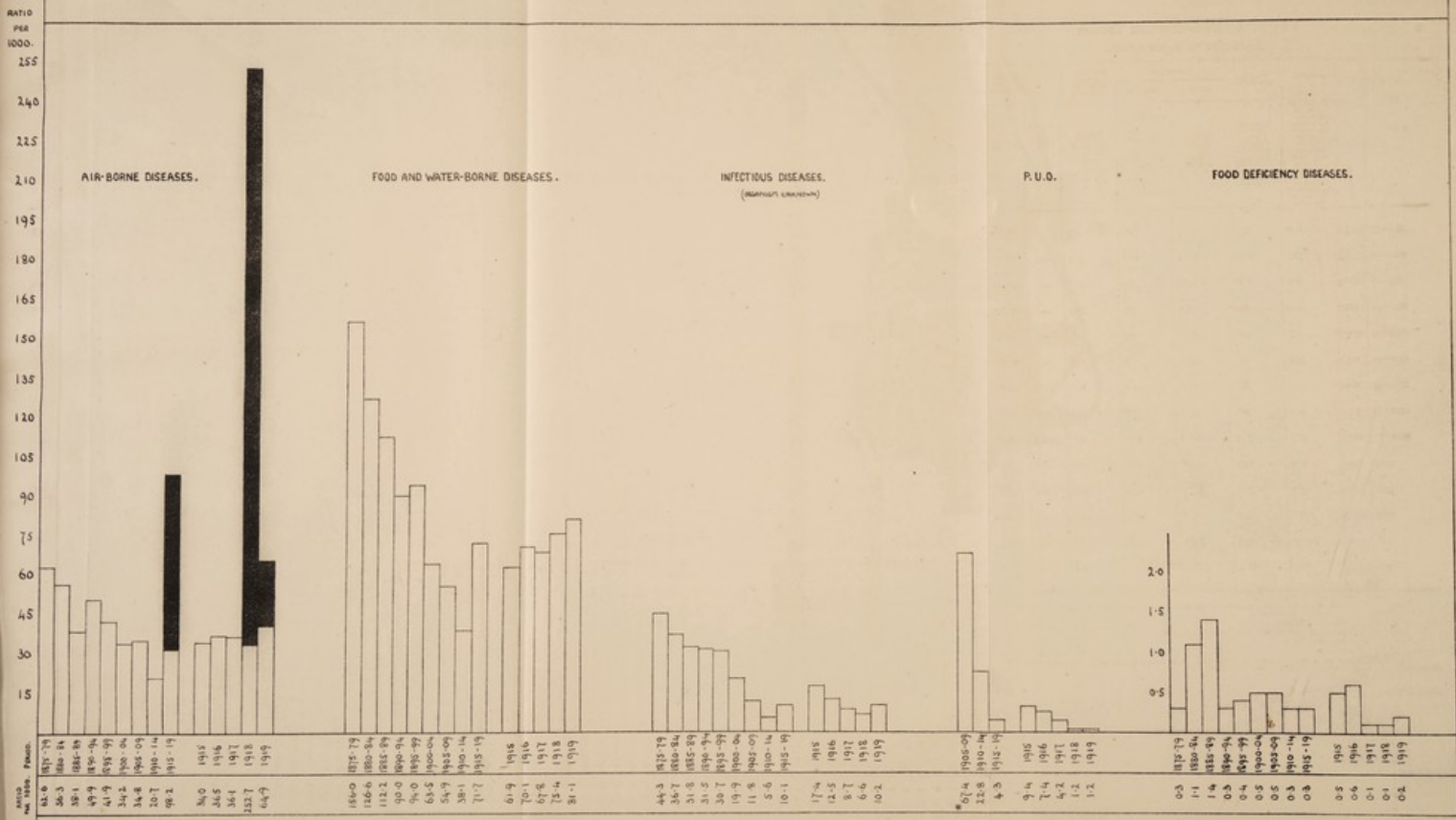
§Influenza, 219.5.

‖Malaria, 217.8.

N.B.—The arrangement of the Graphs has been altered and simplified. The average ratios for the quinquennial periods are now shown on the same graphs as the annual ratios to facilitate comparison.

# BRITISH TROOPS.

## ADMISSION RATIO PER 1000.



■ INFLUENZA (1918-1919 - 219.4)  
 (1919 - 15.2)  
 (1915-1916 (average)) 66.6

\* THE YEAR'S RECORD ONLY. DRAWING BY TELEGRAPHIC.

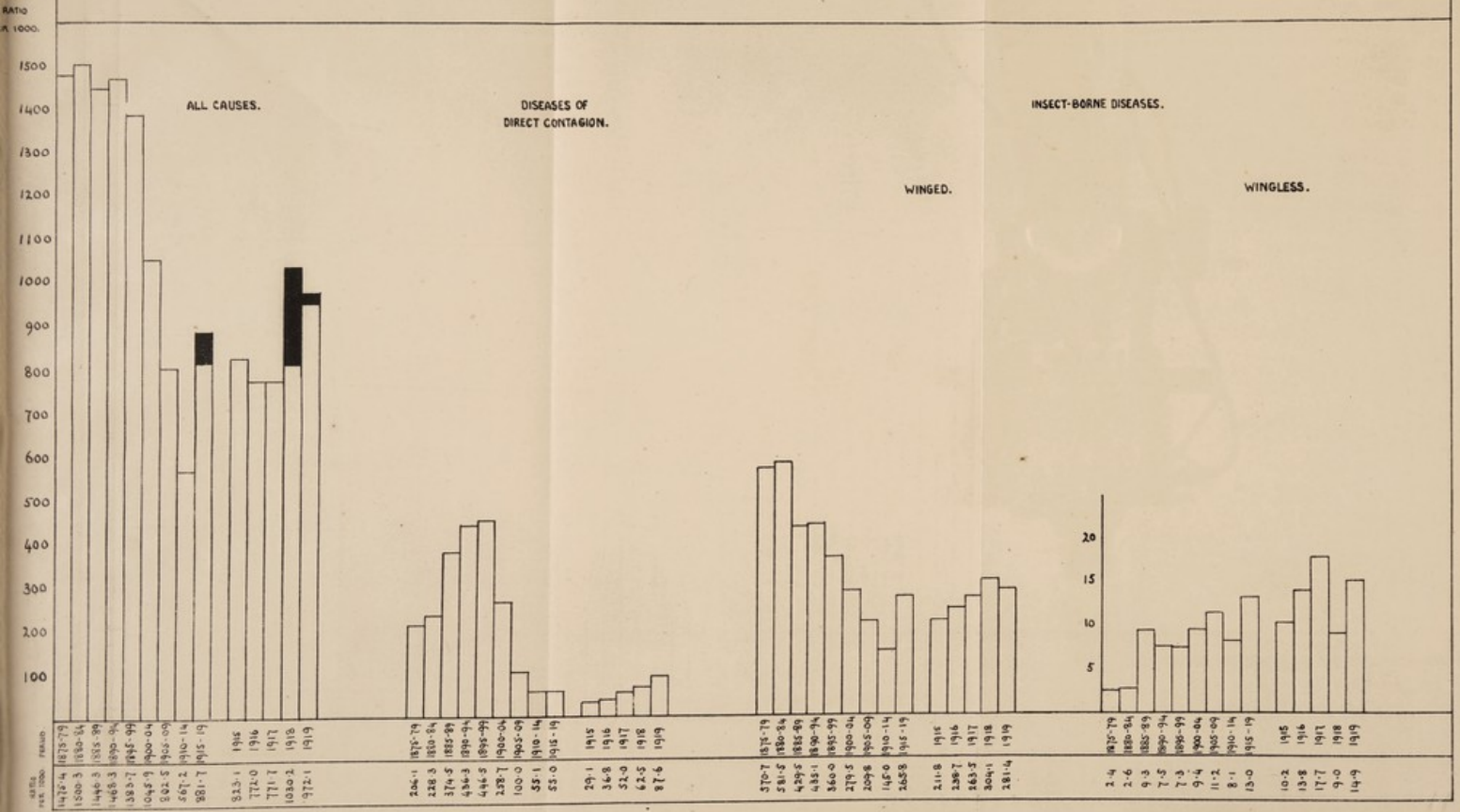
BRITISH TROOPS

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# BRITISH TROOPS.

## ADMISSION RATIO PER 1000.



■ INFLUENZA { 1918 - 219.4  
1919 - 25.2  
1915-1919 (average) 66.6

BRITISH PATENT

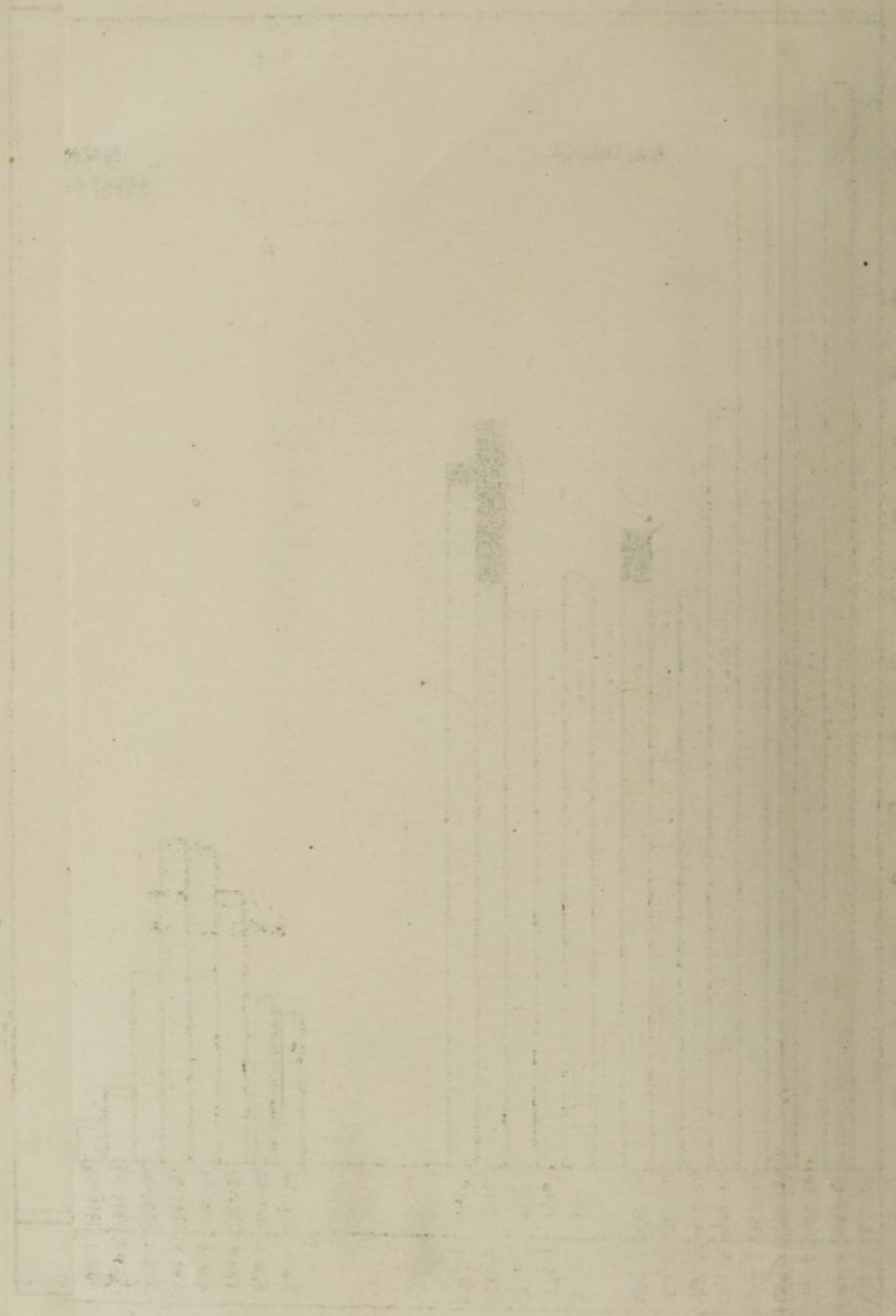


FIG. 1

FIG. 2

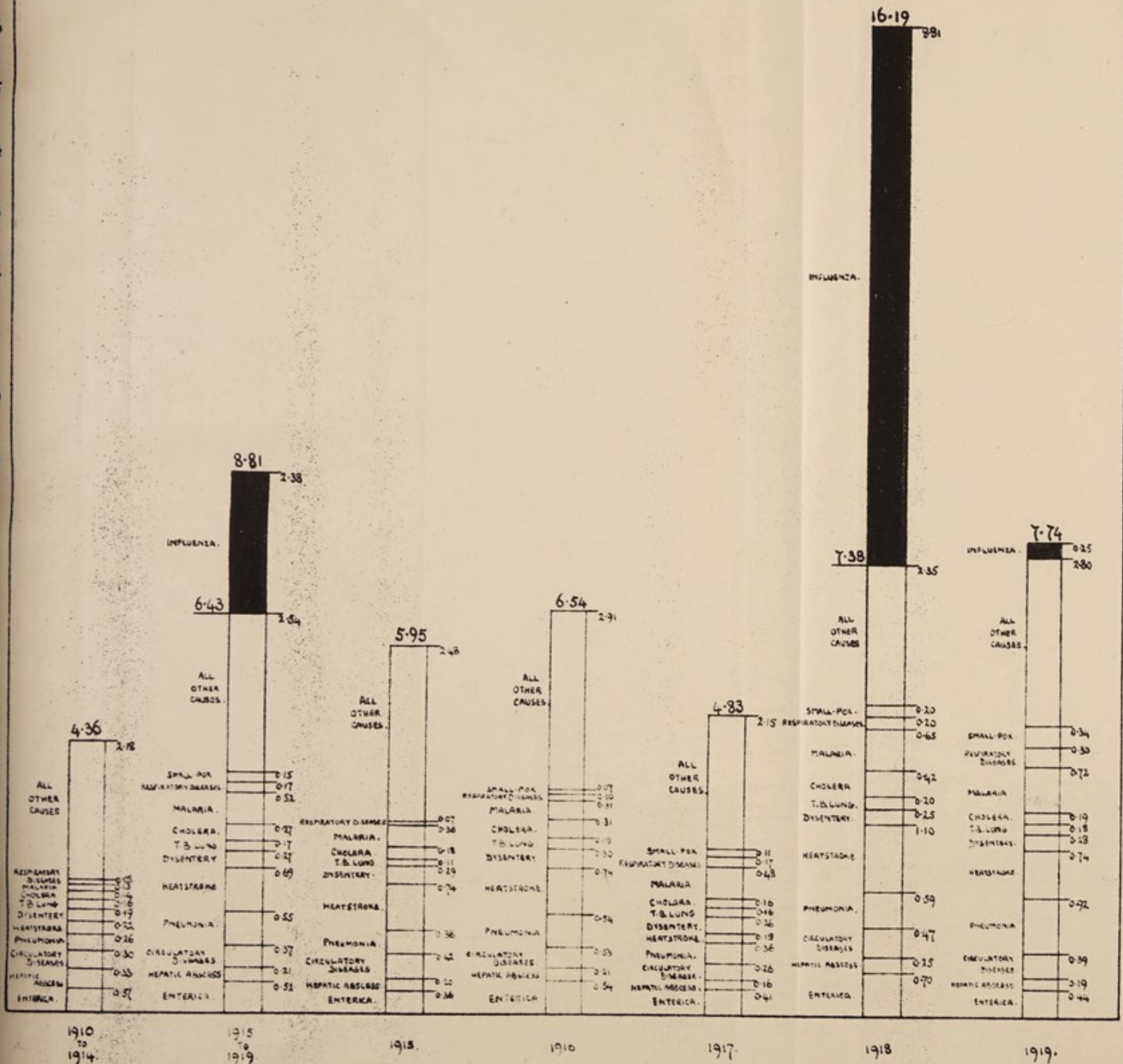
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# BRITISH TROOPS.

# MORTALITY RATIO PER 1000.

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BATISTE BROODS

STANDARD

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## SECTION I.

# EUROPEAN ARMY OF INDIA<sup>(a)</sup>.

(From the Director, Medical Services in India.)

1. The following table gives the average strength of European troops, Regulars and Territorials, and the main facts as regards their health in 1919, with comparative figures for the quinquennial period 1910-14 and for the years 1915 to 1918 inclusive:—

Period.	Average strength.	Admissions.	Deaths.	Invalids sent home.	Average constantly sick.	RATIO PER 1,000 OF STRENGTH.					
						Admissions.	Deaths.	Invalids sent home.	Average constantly sick.	Average period of illness of each soldier calculated on average strength.	Average duration of each case of sickness.
1910-14 Average	69,440	39,389	303	488	2,094.57	567.2	4.51	7.03	30.13	*10.00	*19.39
1915	44,891	36,952	267	889	1,754.19	823.1	5.95	19.80	39.08	14.26	17.33
1916	60,737	46,892	397	1,343	2,414.56	772.0	6.54	22.11	39.75	14.55	18.85
1917	80,825	62,372	390	1,337	3,686.45	771.7	4.83	16.54	45.60	16.65	21.57
1918	87,982	90,637	1,424	2,007	5,286.61	1,030.2	16.19	22.81	60.00	21.93	21.29
1919	56,561	54,982	438	4,324	3,245.84	972.1	7.74	76.40	57.39	20.95	21.55

\*Worked out on quinquennial aggregates.

Many factors have adversely affected the health statistics of the British troops in India during the year 1919.

Although active hostilities with Germany ceased towards the end of 1918, reconstruction at Home, the return of Dominion and Commonwealth troops to their homes, the demobilization of our armies and the time entailed in the enlistment and formation of the post-war army did not permit of the relief of the Garrison and Territorial units garrisoning India until the autumn of 1919, when the first formations of the post-war army commenced to arrive.

As has been pointed out in previous reports, the Garrison units, and to some extent the Territorial troops, in India during the latter period of the war, were composed largely of elderly men and soldiers who, from minor disabilities, had been found temporarily unfit to reinforce the armies operating in Mesopotamia and East Africa. Naturally such men were least able to resist the climatic conditions of India and helped to swell the admissions to hospital.

On the other hand the relieving formations which arrived towards the end of 1919 contained a high proportion of young soldiers under 20 years of age,

(a) This report does not include the statistics of mobilized troops of formations included in the forces that were engaged during certain periods of 1919 in operations on the North-West Frontier of India.

and many instances were found pointing to the fact that the medical inspection of the men prior to embarkation for India had not been carried out with the thoroughness and the appreciation of climatic conditions that is necessary in the case of soldiers who are about to serve in a tropical country. In addition a certain proportion of "B" category men were included in the units.

As is always the case with new arrivals in India, especially soldiers of the types mentioned above, numbers suffered from complaints which, though trivial in themselves, increased the admissions to hospital.

The general unrest in Northern India, and the hostilities by Afghanistan and all along the North-West Frontier from May 1919 onwards had the effect of retaining men in the plains in unusual numbers, during a very trying hot weather, who under more normal circumstances, would have been serving at hill stations.

The following series of tabular statements and brief notes give the incidence and results of diseases collectively, and separately where comment is necessary:—

Admissions for the principal diseases for the quinquennial period 1910 to 1914 and the years 1915 to 1919 inclusive:—

Ratio per 1,000.

Period.	Influenza.	Cholera.	Small-pox.	Enteric fever.	Malaria.	Sandy fever.	Pyrexia of uncertain origin.	Rheumatic fever.	Heat-stroke.	Circulatory diseases.	Tubercle of lung.	Pneumonia.	Respiratory diseases.	Dysentery.	Diarrhoea.	Hepatic abscess.	Hepatic congestion and inflammation.	Scabies.	Veneral diseases.	All causes.	Constantly sick.
1910-14. "Average"	3.3	0.3	0.1	3.3	117.2	21.9	22.8	4.5	1.2	7.4	1.1	3.4	12.6	0.5	21.9	0.7	7.0	3.38	55.1	567.2	30
1915	7.4	0.4	0.1	3.7	154.5	41.1	9.8	11.5	4.6	14.7	1.1	2.7	21.3	5.0	16.5	0.5	8.5	5.30	29.1	823.1	30
1916	6.6	0.8	0.4	5.2	186.0	45.9	7.4	7.5	5.8	18.5	1.9	2.9	23.0	8.2	20.5	0.7	6.2	7.11	36.8	772.0	39
1917	7.3	0.2	0.4	3.4	227.0	22.9	4.2	4.7	1.5	14.3	1.5	2.8	23.7	11.1	25.7	0.6	4.9	10.34	52.0	771.7	45
1918	219.5	1.0	1.3	7.5	269.2	30.0	1.2	3.6	10.4	18.7	1.8	3.1	27.4	13.8	24.4	0.7	4.1	5.74	62.5	1,030.2	60
1919	25.2	0.4	3.1	4.5	217.8	51.5	1.2	3.8	7.4	26.7	1.5	5.1	32.5	14.2	31.1	0.9	4.0	11.49	87.6	672.1	57

Deaths from the principal diseases for the quinquennial period 1910 to 1914 and the years 1915 to 1919 inclusive:—

Ratio per 1,000.

Period.	Influenza.	Cholera.	Small-pox.	Enteric fever.	Malaria.	Sandy fever.	Pyrexia of uncertain origin.	Rheumatic fever.	Heat-stroke.	Circulatory diseases.	Tubercle of lung.	Pneumonia.	Respiratory diseases.	Dysentery.	Diarrhoea.	Hepatic abscess.	Hepatic congestion and inflammation.	Veneral diseases.	All causes.
1910-14	...	...	0.11	0.37	0.13	...	0.02	0.21	0.22	0.00	0.16	0.25	0.08	0.19	...	0.23	0.02	0.05	4.36
1915	...	...	0.18	0.35	0.35	...	...	0.07	0.24	0.42	0.11	0.28	0.07	1.29	...	0.20	0.02	0.02	5.95
1916	...	...	0.21	0.07	0.54	0.21	0.10	0.02	0.24	0.33	0.13	0.54	0.10	0.30	...	0.21	0.03	0.03	6.36
1917	...	...	0.15	0.11	0.41	0.48	0.01	...	0.15	0.20	0.15	0.25	0.17	0.25	...	0.16	0.01	0.04	4.93
1918	0.81	0.42	0.20	0.70	0.65	...	0.01	0.02	1.10	0.47	0.20	0.39	0.20	0.25	...	0.23	0.02	0.03	16.79
1919	0.25	0.19	0.24	0.44	0.74	...	...	0.02	0.74	0.39	0.18	0.92	0.30	0.28	...	0.19	0.04	0.02	7.74

Admission and death ratios, by diseases, Northern and Southern Armies, 1919, Ratio per 1,000.

Year 1919.	Influenza.	Cholera.	Small-pox.	Enteric fever.	Malaria.	Sandy fever.	Fyrexia of uncertain origin.	Rheumatic fever.	Heat-stroke.	Circulatory diseases.	Tubercle of lung.	Pneumonia.	Respiratory diseases.	Dysentery.	Diarrhoea.	Hepatic abscess.	Hepatic congestion and inflammation.	Venereal diseases.	All causes admissions.	All causes deaths.	Constantly sick.	
Northern Army	Admissions	14'1	0'2	3'6	4'7	248'9	113'3	1'0	3'7	14'2	21'8	1'1	5'0	35'3	7'4	31'3	0'8	5'9	72'9	1,054'3	...	52'39
	Deaths	0'16	0'08	0'52	0'44	0'72	...	...	...	1'52	0'41	0'12	0'88	0'32	0'20	...	0'12	...	0'04	...	8'39	...
Southern Army.	Admissions	34'3	0'5	2'7	4'5	194'3	2'3	1'3	3'8	1'9	30'9	1'8	5'2	30'6	19'7	31'1	0'9	2'6	100'1	912'8	...	61'91
	Deaths	0'32	0'29	0'19	0'45	0'74	...	...	10'0	0'12	0'35	0'22	0'96	0'29	0'35	...	0'16	...	...	...	7'24	...

Admission and death rates per 1,000 of strength by divisions, quinquennial period 1910—1914 and the years 1915 to 1919 inclusive:—

	1910-14.		1915.		1916.		1917.		1918.		1919.			
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.		
1st (Peshawar) Division ...	1,008'0	4'72	1,016'2	9'74	1,107'0	6'44	957'0	5'72	1,187'7	27'35	823'8	6'20		
2nd (Rawalpindi) Division ...	644'3	3'81	725'8	3'68	813'3	7'70	724'1	4'93	1,689'5	20'17	1,092'1	8'26		
16th (Indian) Division ...	821'5	4'84	248'4	5'86	832'3	6'59	731'0	5'91	1,165'7	24'50	1,254'9	7'75		
7th Meerut Division ...	477'4	4'27	783'2	4'75	771'0	7'16	750'5	5'16	997'9	15'51	1,005'4	10'68		
8th (Lucknow) Division ...	541'2	5'97	840'4	8'69	720'8	9'21	718'0	3'97	925'8	12'40	911'7	8'65		
4th (Quetta) Division ...	552'3	3'71	799'1	4'19	780'0	7'25	830'7	5'00	1,018'2	17'04	791'4	9'00		
5th (Mhow) Division ...	602'8	4'09	797'9	8'83	691'0	5'40	705'5	5'44	945'1	15'05	788'2	6'66		
Poona Division ...	...	...	501'7	3'79	825'1	3'42	762'8	6'85	844'7	5'18	1,233'7	13'55	986'6	7'27
9th (Secunderabad) Division ...	...	...	469'2	3'92	902'1	5'58	517'6	4'37	751'5	3'07	922'8	10'38	905'5	5'89
Burma Division ...	...	...	591'3	4'89	882'3	3'35	795'9	4'41	765'0	4'93	829'6	10'25	999'4	8'31

Stations in order of their admission ratios for 1919, with deaths and constantly sick ratios:—

Stations.	Average strength, 1919.	Admissions.		Deaths.		Average constantly sick.	
		1919.	1918.	1919.	1918.	1919.	1918.
Colaba ...	1,873	2,026'2	2,022'5	22'42	16'91	124'5	195'6
Lahore ...	1,704	1,549'3	1,815'7	11'74	43'48	71'6	80'6
Rawalpindi ...	2,267	1,360'8	1,235'0	7'94	20'07	85'0	56'5
Delhi ...	1,202	1,249'6	816'2	18'30	24'45	51'9	41'4
Meerut ...	1,424	1,240'2	1,397'5	11'94	31'16	66'4	84'7
Ferozepore ...	1,094	1,197'4	1,083'7	9'14	31'60	49'0	49'6
Secunderabad ...	1,565	1,180'2	1,677'4	7'03	6'76	64'8	103'3
Lucknow ...	1,383	1,021'0	959'7	10'12	7'94	47'4	66'7
Ambala ...	1,108	894'4	1,001'7	7'22	13'42	48'2	56'4
Peshawar ...	2,128	893'8	1,270'3	7'05	34'61	45'3	45'2
Nowshera ...	1,083	829'2	1,353'1	5'54	23'47	44'9	50'2
Karachi ...	2,249	827'9	909'4	10'23	12'64	29'3	55'0
Bangalore ...	2,568	790'5	689'4	5'84	11'34	53'8	48'3
Kirkee ...	2,393	760'1	780'2	2'51	11'20	38'0	64'8
Quetta ...	1,925	751'7	1,048'6	8'83	19'71	35'1	41'9
Poona ...	4,245	700'8	1,015'2	4'71	16'47	57'7	88'5

## INFLUENZA.

2. The admissions were 1,425, with 14 deaths, giving ratios of 25·2 and 0·25, respectively. The comparative figures for the Northern and Southern Armies are given in the following table:—

				Northern Army.	Southern Army.
Total admissions	...	...	...	353	1,072
Ratio per 1,000 admissions	...	...	...	14·1	34·3
Total deaths	...	...	...	4	10
Ratio per 1,000 deaths	...	...	...	0·16	0·32

The following stations with an average annual strength of over 1,000 returned the largest number of admissions:—

Stations with strength of over 1,000.	Strength.	Actuals.		Ratio per 1,000.		Case mortality per 1,000.
		Admissions.	Deaths.	Admissions.	Deaths.	
Colaba	1,873	493	2	263·2	1·07	0·41
Lucknow	1,383	86	...	62·2	...	...
Quetta	1,925	103	3	54·5	1·56	2·85
Poona	4,245	103	1	24·3	0·24	0·97
Rawalpindi	2,267	31	...	13·7	...	...

The epidemic of influenza which was such a serious factor in the admission and death rates, for the year 1918, died out gradually during the first three months of 1919, and although there was a recrudescence in some stations towards the end of the year, it was never serious. The type was generally mild and the death rate low.

The incidence was highest in the Southern Command. In Bombay, where the disease was prevalent amongst the civil population, approximately half the 493 cases occurred during the months of May and June.

In the Poona Division, Poona itself accounted for 103 of the total of 112 admissions.

In Quetta, the bulk of the admissions occurred during the months of November and December when the daily variation of temperature was great, and it is probable that this factor was accountable for the comparatively high death rate at this station. The deaths were due to supervening broncho-pneumonia.

In the Lucknow Division, the disease was spread over the year, but the highest incidence was in October and November and was coincident with an epidemic among the local Indian troops and followers. It was of a mild type amongst the British troops.

## MALARIA.

3. As usual this disease was the greatest cause of sickness and inefficiency amongst British troops in India. During the year the admission and death ratios were 217·8 and 0·74, respectively, compared with 269·2 and 0·65 in 1918. The actual admissions in 1919 were 12,318 and deaths 42. Malaria accounted for 22·4 per cent. of the total admissions and 9·6 per cent. of the total deaths.

The admission ratio for the Northern Army was 248·9, that for the Southern Army 194·3.

Admissions for malaria by Divisions, quinquennial period 1910-1914 and the years 1915 to 1919 inclusive :—

Division.	RATIO PER 1,000 OF STRENGTH.					
	1910-14.	1915.	1916.	1917.	1918.	1919.
1st Peshawar ... ..	300·2	309·2	459·4	430·3	255·9	290·1
2nd Rawalpindi ... ..	170·4	276·8	290·3	261·5	281·2	362·8
16th Indian ... ..	149·0	122·3	147·2	224·5	501·3	276·7
4th Quetta ... ..	147·4	263·3	305·1	352·3	456·3	265·0
5th Mhow ... ..	164·8	68·2	148·4	208·6	183·1	172·0
Poona ... ..	100·7	202·2	218·5	196·3	226·4	204·7
Meerut ... ..	93·2	114·1	97·4	136·4	120·2	231·5
8th Lucknow ... ..	53·3	53·9	53·1	64·7	76·1	94·5
9th Secunderabad ... ..	45·9	37·4	67·9	284·9	332·8	162·2
Burma ... ..	73·5	196·1	119·9	93·9	132·1	85·5

Malaria admission ratios in order of incidence, and actual admissions at stations with an annual average strength of over 1,000.

Station.	Admission ratio.	Actuals.	Station.	Admission ratio.	Actuals.
Delhi... ..	511·6	615	Nowshera ... ..	262·2	284
Colaba and Bombay ... ..	374·3	701	Quetta ... ..	256·6	494
Rawalpindi ... ..	342·7	777	Ambala ... ..	215·7	239
Peshawar ... ..	333·6	709	Kirkee ... ..	211·9	507
Lahore ... ..	323·4	551	Ferozepur ... ..	201·1	220
Secunderabad ... ..	275·4	431	Poona ... ..	163·5	694
Karachi ... ..	267·2	601	Jubbulpore .. ..	160·0	266

*Delhi.*—Almost every case of malaria in Delhi originated in the Fort. New cantonments and the Kingsway Camp were free from infection. There are no breeding places in the Fort itself, but it harbours innumerable anophelene mosquitoes, and as it is in the immediate neighbourhood of a large Indian city crowded with carriers of the parasite, infection of residents in the Fort is only a matter of time. The chief breeding grounds are in the Civil Gung adjacent to the Fort. The civil authorities are gradually proceeding with an extensive anti-mosquito scheme in

that area. Until this has proved effective, British troops quartered in the Fort during the months May to November inclusive are liable to have a large proportion of men rendered inefficient, in spite of the strictest precautions.

Prophylactic quinine was issued daily under close supervision and proved of no avail and rendered laboratory diagnosis more difficult.

*Colaba and Bombay.*—A third of the total admissions were stated to be relapses. A high incidence was noted in the newly arrived Battalion in Colaba. Anophelene mosquitoes were found breeding in Colaba and anti-malaria measures were carried out in conjunction with the Colaba Board of Health. Men of the Motor Transport Section quartered in old Town Barracks in the Fort also had a high incidence. The surrounding area is very congested and the work of searching for breeding places is consequently arduous and control difficult.

*Peshawar.*—A third of the total admissions were stated to be relapses. The presence of a highly infected bazaar population and the system of drainage and irrigation in vogue has always been responsible for the high incidence of malaria in this station. The bulk of the water is carried in open earth channels which are badly graded and difficult to keep clear of vegetation and free from pockets where water may lie when the channels are not in use. The increased incidence this year is attributed to the excessive rainfall during the malaria season.

*Secunderabad.*—There was a satisfactory decrease in the incidence of malaria as compared with 1918. Since the inception of major drainage measures in this station there has been a steady fall in the admissions for this disease.

*Ambala.*—The decrease in incidence compared with 1918 is attributed to a late and mild monsoon and to the vigorous anti-malarial measures commenced early and carried out strictly throughout the malaria season.

*Poona.*—The Bhairoba Nullah is the anophelene breeding centre in the station. It is probable that if this source of breeding could be eliminated, Poona would be almost free from malaria. Schemes for dealing with the danger have been formulated and minor measures carried out have undoubtedly led to a diminished incidence of the disease, but, until leakage into the Nullah from the canal is prevented no marked success can be expected.

Mosquito nets are authorised in the plains for all British troops and their families and their use, as far as is possible, is insured. It is hoped that when electric fans and lights are installed in all barracks there will be a diminution in the incidence of the disease. Men will then be more inclined to use the net, even in the hottest weather, and mosquitoes will find greater difficulty in approaching victims.

At 45 hospitals attempts were made to distinguish between fresh cases and relapses. In all 9,604 cases were analysed with the following results:—

Fresh cases 4,151 = 43.22 per cent.	...	Benign Tertian	...	2,759 = 66.47 per cent.
		Malignant Tertian	...	651 = 15.68 "
		Quartan	...	16 = 0.39 "
		Clinical	...	725 = 17.46 "
				— — — — —
				4,151 100.00
				— — — — —

Relapses 5,453 = 56.78 per cent.	...	Benign Tertian	...	3,346 = 61.36 per cent.
		Malignant Tertian	...	483 = 8.86 "
		Quartan	...	16 = 0.29 "
		Clinical	...	1,608 = 29.49 "
				5,453 100.00

Total cases 9,604 = 100.00 per cent.

#### SANDFLY FEVER.

4. There were 2,913 admissions with no death. The ratio per 1,000 was 51.5. This is a disease of Northern India as will be seen from the following table:—

	Northern Army.	Southern Army.
Actual admissions, 1919 ...	2,840	73
Ratio per 1,000, 1919 ...	113.3	2.3
Ratio per 1,000, 1918 ...	67.5	1.0

Of the geographical groups, No. VI (Upper Sub-Himalayas) accounted for 1,995 cases. The following stations in this group had the highest number of admissions:—

	Labore.	Ferozepore.	Delhi.
Actual admissions ...	820	386	251
Ratio per 1,000 ...	481.2	352.8	208.8

The geographical group next most affected was No. VII (North-West Frontier, Indus Valley and North-West Rajputana) where 496 cases occurred. The following stations in this group had the highest number of admissions:—

	Peshawar.	Nowshera.	Risalpu.
Actual admissions ...	251	94	36
Ratio per 1,000 ...	118.0	86.8	55.7

#### PYREXIA OF UNCERTAIN ORIGIN.

5. There were 70 admissions and no death reported under this head, the admission rate being 1.2 as was the case in 1918.

#### DENGUE

6. The following tables give the actual admissions and ratio per 1,000 admissions during the year, with the comparative figures for 1918, and the comparative

figures for the Northern and Southern Armies in 1918 and 1919 :—

						1919.	1918.
Actual admissions	...	...	...	...	...	651	377
Ratio per 1,000	...	...	...	...	...	11'5	4'3

	NORTHERN ARMY.		SOUTHERN ARMY.	
	1919.	1918.	1919.	1918.
Actual admissions	222	128	429	248
Ratio per 1,000	8'9	3'3	13'7	5'4

There were no deaths during the year.

The stations showing the highest actual admissions were Rangoon 199, Calcutta 177, Madras 167, Cawnpore 36, Secunderabad 30 and Bangalore 20.

#### ENTERIC.

7. The number of admissions for the enteric group of fevers during the year was 257, with 25 deaths, giving ratios of 4'5 and 0'44, respectively. The following table gives the figures for the quinquennial period 1910-14 and the years 1915 to 1919 separately :—

Period.	ADMISSIONS.		DEATHS.	
	Actuals.	Ratio per 1,000.	Actuals.	Ratio per 1,000.
1910-14 (Average)	227	3'3*	26	0'37*
1915	167	3'7	16	0'36
1916	318	5'2	33	0'54
1917	276	3'4	33	0'41
1918	663	7'5	62	0'70
1919	257	4'5	25	0'44

\* Worked out on quinquennial aggregates.

The following table shows the actual admissions and deaths against each component of this group of fevers during the same periods :—

Period.	TYPHOID FEVER.		PARATYPHOID A.		PARATYPHOID B.		ENTERIC GROUP.		TOTALS.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
1910-14 (Average)	153	24	70	2	3	...	...	...	227	26
1915	83	16	78	0	6	...	...	...	167	16
1916	116	27	194	6	8	...	...	...	318	33
1917	163	27	102	6	11	...	...	...	276	33
1918	97	23	209	8	8	...	349	31	663	62
1919	56	14	74	1	1	...	126	10	257	25

The largest number of cases occurred at the following stations:—

Stations.	Cases.	Deaths.	Stations.	Cases.	Deaths.
Poona	47	3	Mhow	10	2
Rawalpindi	22	4	Delhi	9	3
Bangalore	16	4	Ambala	9	2
Lahore	12	...	Quetta	8	...
Peshawar	12	...			

*Poona.*—Of the total of 47 cases, 40 occurred in men attached to the Military Accounts Department. These men were collected from stations all over India and were employed on the accounts of men about to be demobilized. They were located over a wide area chiefly under canvas, and in the cantonment area adjacent to the city. They worked long hours and owing to the nature of the duties and their location they were given a money allowance in lieu of rations, if they so desired. In consequence, the majority took their meals in hotels and restaurants in Poona, the sanitary arrangements of which were difficult to control.

A careful enquiry was made into every case, but no local source of infection was found and no carriers were detected.

*Rawalpindi.*—The cases in Rawalpindi were sporadic in nature with the exception of a group of four cases which occurred in the 1st Battalion, Cameron Highlanders, approximately a fortnight after their arrival in the station. It was considered that the men were probably infected during the journey from Lucknow. No source of infection was discovered in any of the cases which occurred during the year.

Reports from other stations state that the cases notified were sporadic and in no instance was the source of infection traced.

The state of inoculation of the British Army in India as shown by the half-yearly census taken on December 31st, 1918 was as follows:—

	Officers.	Other ranks.
Total number of troops present at census	3,453	56,561
Number not inoculated	132	1,487
	T. A. B.	T. A. B.
Number inoculated:—		
(a) Under 12 months	1,506	37,181
(b) Over 12 but under 24 months	288	4,038
(c) Over 24 months	1,427	12,855
Primary inoculations during previous half-year	99	4,955
Reinoculations during previous half-year	317	10,040

*Enteric Convalescent Depots.*—The work of these was continued during the year.

*Naini Tal* :—

				ADMISSIONS.		
				Inland.	Overseas.	Total.
1917	...	...	...	339	14	353
1918	...	...	...	338	10	348
1919	...	...	...	243	...	243

				TYPE OF DISEASE.					
				Typhoid Fever.	Para- typhoid A.	Para- typhoid B.	Enteric group.	Other diseases.	Total.
1917	...	...	...	48	64	4	220	17	353
1918	...	...	...	26	57	3	222	40	348
1919	...	...	...	41	31	...	160	11	243

*Carriers.*—Four "carriers" (all faecal) were detected during the year, two *B. typhosus*, and two *B. paratyphosus* A. The ratio per cent of admissions was 1.6 compared with 3.4 in 1918.

*Wellington.*—Admissions and diseases 1917, 1918 and 1919 :—

				ADMISSIONS.		
				Inland.	Overseas.	Total.
1917	...	...	...	163	926	1,089
1918	...	...	...	266	...	266
1919	...	...	...	126	...	126

				TYPE OF DISEASE.					
				Typhoid Fever.	Para- typhoid A.	Para- typhoid B.	Enteric group.	Other diseases.	Total.
1917	...	...	...	415	463	90	...	121	1,089
1918	...	...	...	52	151	3	50	10	266
1919	...	...	...	26	66	...	34	...	126

*Carriers.*—Nineteen carriers were detected during the year. Of these 5 were carriers of *B. typhosus*, and 14 of *B. paratyphosus A.* The ratio per cent of admissions was 15·1 compared with 13·5 in 1918. 3 were faecal carriers of *B. typhosus*, 6 of *B. paratyphosus A.*, 2 were urinary carriers of *B. typhosus* and 4 of *B. paratyphosus A.* There were 4 faecal and urinary carriers of *B. paratyphosus A.*

*Table of relationship between cases and carriers, based on the figures submitted by the Enteric Convalescent Depots Naini Tal and Wellington, from 1914 to 1919. The figures of previous years do not allow of this analysis.*

Year.	Enteric Convalescent Depot.	CASE ADMITTED.						CARRIERS DETECTED.						
		Ty-phoid.	Para. A.	Para. B.	En-teric group.	Other diag-nosis chiefly Pyre-xia of uncer-tain origin.	Total.	B. Typhosus.		B. Para-typhosus.		B. Para-typhosus A.		Tot.l.
								Faecal.	Urinary.	Faecal.	Urinary.	Faecal.	Urinary.	
1914 ...	Naini Tal ...	49	60	6	0	80	195	1	0	1	1	1	0	4
	Wellington ...	53	14	2	...	23	92	0	3	1	0	1	0	6*
1915 ..	Naini Tal ...	45	60	5	...	75	185	0	0	4	0	1	0	5
	Wellington ...	77	33	1	...	13	124	1	0	3	0	0	0	4
1916 ...	Naini Tal ...	34	96	4	...	278	412	1	1	28	4	4	1	39
	Wellington ...	670	482	75	...	253	1,480	1	2	38	7	5	0	53
1917 ...	Naini Tal ...	44	60	4	...	231	339	3	1	0	0	0	0	13
	Wellington ...	415	463	90	...	121	1,089	13	4	34	2	1	0	55†
1918 ...	Naini Tal ...	26	57	3	222	40	348	1	2	6	2	1	0	12‡
	Wellington ...	52	151	3	50	10	266	10	2	20	2	0	0	36‡
1919 ...	Naini Tal ...	41	31	...	160	11	243	2	...	2	...	...	...	4
	Wellington ...	26	65	...	34	...	126	3	2	6	4	...	...	19§
Total	...	1,532	1,573	193	466	1,135	4,899	36	17	152	22	14	1	250*

\* Mixed infections have been included in the total.

† One faecal carrier of both *B. Typhosus* and *B. Paratyphosus A.* was recorded.

‡ One faecal carrier *B. Paratyphosus A.* was also a urinary *B. Typhosus* carrier.

§ Four carriers had *B. Typhosus A.* in both faeces and urine.

Percentage of carriers to cases (excluding the double infection).

*B. Typhosus.* 3·46 per cent (Faecal 2·35 Urinary 1·11).

*B. Para. A.* 11·06 per cent ( „ 9·06 „ 1·40).

*B. Para. B.* 7·77 per cent ( „ 7·25 „ 0·52).

#### DYSENTERY, COLITIS AND DIARRHŒA.

8. Admissions and deaths and their ratios for 1919:—

	Dysentery.	Colitis.	Diarrhœa.
Actual admissions 1919	804	578	1,758
Ratio per 1,000 „	14·2	10·2	31·1
Actual deaths „	16	Nil.	Nil.
Ratio per 1,000 „	0·28	...	...

Ratios per 1,000 for the three diseases for the quinquennial period 1910-1914 and the years 1915 to 1919 inclusive:—

Period.	DYSENTERY.		COLITIS.		DIARRHŒA.		COMBINED RATE.	
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.
1910-14 ...	6.5	0.19	4.9	0.03	13.0	...	24.4	0.22
1915 ...	5.6	0.19	12.5	0.04	26.5	...	44.6	0.33
1916 ...	8.2	0.30	13.8	0.25	26.5	...	48.5	0.55
1917 ...	11.1	0.26	13.3	0.06	25.7	...	50.1	0.32
1918 ...	13.8	0.26	11.0	0.05	24.4	...	49.2	0.31
1919 ...	14.2	0.28	10.2	...	31.1	...	55.5	0.28

Stations with the highest admission rates 1919:—

Stations.	Ratio per 1,000.	Admissions.
<i>Dysentery.</i>		
Secunderabad ...	44.1	69
Bangalore ...	41.7	107
Colaba ...	30.4	57
Deolali ...	26.1	116
Jubbulpore ...	23.5	39
Poona ...	19.1	81
<i>Diarrhœa.</i>		
Colaba ...	90.2	169
Rawalpindi ...	54.3	123
Lucknow ...	40.5	56
Lahore ...	34.6	59
Meerut ...	32.3	46
<i>Colitis.</i>		
Peshawar ...	23.5	50
Lahore ...	20.5	35
Jubbulpore ...	19.8	33
Nowshera ...	16.6	18
Meerut ...	16.2	23

Type of dysentery recorded in 34 stations with a total of 703 cases.

596 were reported as amoebic, of which 547 were diagnosed by laboratory methods. Of the latter 95 occurred at Bangalore, 81 at Poona, 69 at Secunderabad, 48 at Deolali, 36 at Jubbulpore, and 33 at Bombay, that is the greatest incidence was in the Indian Peninsula.

95 were reported as Bacillary, of which 42 were diagnosed by laboratory methods. Of the latter 16 occurred at Ambala, 12 at Bangalore and 10 at Deolali.

It is probable that cases of Bacillary dysentery were included under the admissions for colitis and diarrhoea, the incidence of which diseases is distinctly greater in Northern India.

VENEREAL DISEASE.

9. There were 4,954 admissions with one death under this heading. The ratios are 87·6 and 0·02, respectively

	ACTUALS.		RATIO PER 1,000.	
	Admissions.	Deaths.	Admissions.	Deaths.
Northern Army ... ..	1,826	1	72·9	0·04
Southern Army ... ..	3,125	...	100·0	...

	ADMISSIONS FOR VARIOUS FORMS OF VENEREAL DISEASE 1919.			
	RATIO PER 1,000.			
	Syphilis.	Soft chancre.	Gonorrhœa.	Totals.
Northern Army ... ..	13·5	15·7	43·7	72·9
Southern Army ... ..	22·0	24·6	53·4	100·0
Army of India ... ..	18·1	20·6	48·9	87·6

Admissions all venereal diseases, by Divisions for the years 1914-19 inclusive —

	RATIO PER 1,000.					
	1914.	1915.	1916.	1917.	1918.	1919.
1st (Peshawar) ... ..	21·4	30·8	24·5	17·8	20·5	38·7
2nd (Rawalpindi) ... ..	37·9	32·3	35·7	26·7	33·0	80·3
16th (Indian) ... ..	43·3	10·1	16·9	27·4	28·8	54·3
4th (Quetta) ... ..	43·1	33·0	35·0	36·4	34·4	83·4
5th (Mhow) ... ..	58·6	33·1	47·1	44·2	56·1	68·4
Poona ... ..	74·7	32·9	58·7	85·2	100·1	111·6
Meerut ... ..	51·3	36·7	32·6	44·7	58·8	83·3
8th (Lucknow) ... ..	65·7	22·3	56·8	71·4	81·5	108·1
9th (Secunderabad) ... ..	59·1	34·9	26·1	81·1	81·6	112·0
Burma ... ..	103·7	44·5	57·7	58·0	79·1	99·7

Highest admission rates 1919 in order of stations :—

Stations.	Average strength.	Admissions.	Ratio per 1,000 of strength.
Colaba ... ..	1,873	524	279·8
Calcutta ... ..	812	174	214·3
Madras ... ..	388	63	162·4
Bangalore ... ..	2,568	327	127·3
Deolali ... ..	4,448	544	122·3
Meerut ... ..	1,424	170	119·4
Lucknow ... ..	1,383	154	111·4
Delhi ... ..	1,202	130	108·2
Rawalpindi ... ..	2,267	232	102·3
Secunderabad ... ..	1,565	159	101·6
Karachi ... ..	2,249	223	99·2
Lahore ... ..	1,704	159	93·3
Rangoon ... ..	829	72	86·9
Kirkee ... ..	2,393	177	74·0
Quetta ... ..	1,923	142	73·8
Poona ... ..	4,245	264	62·2
Jubbulpore ... ..	1,663	103	61·9
Mhow ... ..	1,743	98	56·2
Ambala ... ..	1,108	60	54·2
Nowshera ... ..	1,083	45	41·6

The incidence of venereal disease for eleven years.

	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.
Ratio per 1,000 of strength	67·8	58·9	53·1	55·5	52·5	55·2	29·1	36·8	52·0	62·6	87·6

The above table indicates a striking rise in the admission rate since 1915, which has occurred in spite of every local effort on the usual lines to check the incidence of the disease.

The progressive increase in the admission ratio from 1915 onwards may be attributed perhaps to a certain extent to the prolonged period men of the Territorial Army and of Garrison Battalions were necessarily retained on service in India, with a resulting loss of moral restraint amongst those who during the first years of their service in India had been influenced in that respect by the home and married status many of them enjoyed before mobilization.

The defective lighting and want of electric fans in the majority of barracks in India tend to men seeking more attractive resorts in cities and bazars, and incurring the risks inseparable from such places.

At some stations during 1919 a stimulus was given to wayside prostitution owing to the famine conditions that prevailed during certain periods of the year.

#### CHOLERA.

10. There were 24 admissions for cholera during the year with 11 deaths, giving ratios of 0·4 and 0·19, respectively, compared with 1·0 and 0·42 in 1918. The admission ratio for the quinquennial period 1910-1914 was 0·3.

Cases occurred at the following stations:—Colaba 9, Rawalpindi 4, Jhansi 3, Kirkee 3. The remainder were isolated cases.

*Colaba.*—The cases occurred in January and February when the disease was prevalent in the neighbourhood. The source was not traceable.

*Rawalpindi.*—Two cases occurred in men *en route* to other stations. Cholera was prevalent in the Punjab at the time. In no case was the source traced.

*Kirkee.*—The cases occurred in June, July and August. There was no apparent connection between the cases, but cholera was prevalent in the bazar at the time.

*Jhansi.*—Two of the cases occurred on 25th September and one on the 2nd October. The infection was traced to the mineral water factory of the Y. M. C. A. where a bhisti working in the factory was found to be a carrier of the *v. cholera*. He was segregated immediately and no further cases arose.

#### BERI—BERI.

11. There were 6 admissions for this disease with 1 death, compared with 11 cases in 1918 and 1917, respectively.

The cases occurred at the following stations, Jubbulpore 2, Colaba 1 with 1 death, Meerut, Rangoon and Deolali one case each.

#### HEAT-STROKE.

12. Actual admissions and deaths and their ratios per 1,000 for 1919, with the figures for 1918 for comparison:—

	1919.	1918.	1917.	Quinquennial period 1910-14.
Actual admissions ... ..	416	911	...	...
Ratio per 1,000 ... ..	7·4	10·4	1·5	1·9
Actual deaths ... ..	42	97	...	...
Ratio per 1,000 ... ..	0·74	1·10	0·15	0·15

In the Northern Army there were 356 admissions with 38 deaths, and in the Southern Army 60 admissions with 4 deaths. No doubt the comparatively high incidence during the year was largely due to the fact recorded in paragraph 1 of this report regarding the unusual retention of men on the plains during a very trying hot weather.

The following stations with an average strength of over 1,000 showed the highest ratios :—

Stations.	Admissions.	Ratios.
Lucknow ... ..	139	100'5
Delhi ... ..	38	31'6
Lahore ... ..	40	23'5
Meerut ... ..	23	16'2
Rawalpindi ... ..	34	15'0

The high incidence in Lucknow was largely in the 3rd Garrison Battalion of the Bedfordshire Regiment, a unit which contained a high proportion of elderly men and had suffered severely from malaria and influenza in Burma. The outbreak occurred as a sequel to the move of the unit from Burma to Lucknow at the hottest time of the year, the move being necessitated by the outbreak of hostilities on the North-West Frontier.

#### PNEUMONIA.

13. Actual admissions and deaths and ratios 1919, 1918, 1917 and 1910-1914 :—

	1919.	1918.	1917.	1910-14.
Actual admissions ... ..	289	273	...	...
Ratios per 1,000 ... ..	5'1	3'1	2'8	2'4
Actual deaths ... ..	52	52	...	...
Ratio per 1,000 ... ..	0'92	0'59	0'36	0'26

The admission and death ratios per 1,000 for the two armies were :—

	Ratio admissions.	Ratio deaths.
Northern Army ... ..	5'0	0'88
Southern Army ... ..	5'2	0'96

The following stations reported the highest number of admissions :—

Stations.	Admissions.	Deaths.
Deolali ... ..	24	10
Peshawar ... ..	24	4
Karachi ... ..	22	4
Ambala ... ..	14	2
Rawalpindi ... ..	14	1
Poona ... ..	13	4

#### TUBERCULOSIS OF THE LUNGS.

14. There were 84 admissions with 10 deaths compared with 156 admissions and 19 deaths in 1918. The comparative ratios are :—

—	Admissions.	Deaths.
1919 ... ..	1·5	0·18
1918 ... ..	1·8	0·22
(Quin. period) 1910-14 ... ..	1·1	0·16

For the Northern Army for 1919 the ratios were 1·1 and 0·12, for the Southern Army 1·8 and 0·22.

The cases were scattered throughout the country.

#### SCARLET FEVER.

15. There were 11 admissions, compared with 23 in 1918. The ratio of admission was 0·2.

There were no deaths.

Cases occurred at Ahmednagar 3, Jutogh 3, Kirkee 2 and one each at Delhi, Poona and Secunderabad.

#### DIPHThERIA.

16. There were 29 admissions and no death during the year.

Cases occurred at the following stations :—

Bangalore 5, Mhow 4, Quetta 3, Peshawar 3. The others were isolated cases.

#### MEASLES.

17. There were 74 cases during the year, compared with 31 in 1918 and 70 in 1917. There were no deaths. The majority of cases occurred at Peshawar, Ambala, Meerut and Colaba.

## OTHER RESPIRATORY DISEASES.

18. There were 1,840 admissions and 17 deaths under this headings, giving ratios of 32.5 and 0.30, respectively.

The ratios in 1918 and 1917 were 27.4 and 23.7 and 0.20 and 0.17, respectively.

## SMALL-POX.

19. The following table gives the admissions and deaths, and their ratios, with comparative figures for 1918 :—

	1919.	1918.	1917.
Actual admissions ... ..	173	117	35
Ratio per 1,000 ... ..	3.1	1.3	...
Actual deaths ... ..	19	18	9
Ratio per 1,000 ... ..	0.34	0.20	...

The following table gives the incidence by Armies :—

	NORTHERN ARMY.		SOUTHERN ARMY.	
	1919.	1918.	1919.	1918.
Admissions ... ..	89	57	84	60
Deaths ... ..	13	7	6	11

The stations chiefly affected were :—

Peshawar 17, Deolali and Poona 15 each, Nowshera and Kirkee 13 each, Bangalore 12.

*Peshawar.*—The majority of cases occurred in November and December when the city and bazars and Indian troops were heavily infected.

In other stations the cases were sporadic in nature. It was reported that units arriving from England were in many cases very imperfectly protected.

State of protection by vaccination in 15 of the 19 fatal cases :—

Never vaccinated ... ..	4
Vaccinated once—in infancy only ... ..	9
Vaccinated in infancy—re-vaccinated during the incubation period of the disease ... ..	1
Vaccinated in infancy—revaccinated in 1915 with modified result...	1

## CEREBROSPINAL MENINGITIS.

20. Two cases, both fatal were recorded during the year, one each at Lucknow and Kamptee.

## POISONING.

21. There were 51 cases of poisoning with 7 deaths.

The following table gives particulars:—

				Admissions.	Deaths.
Snake bite	...	...	...	3	1
Scorpion...	...	...	...	2	...
Stinging insects	...	...	...	5	...
Fish	...	...	...	2	...
Food and ptomaine	...	...	...	16	4
Opium	...	...	...	3	...
Arsenic	...	...	...	5	1
Alcohol	...	...	...	...	2 (out of Hospital)
Gas	...	...	...	4	...
Poison not defined	...	...	...	11	1

## INVALIDING.

22. The number of men invalided during 1919 was 4,324, as compared with 2,007 during 1918.

Important causes of invaliding 1913 to 1919:—

Diseases.	Actual Numbers.						
	1913.	1914.	1915.	1916.	1917.	1918.	1919.
Syphilis	13	7	6	5	10	8	5
Malaria	5	5	9	20	62	147	380
V. D. H. and D. A. H.	54	55	181	257	206	288	690
Debility	9	9	39	85	86	114	408
T. B. lung	49	27	48	86	94	126	83
Dysentery	7	3	3	2	25	49	281
Insanity	44	34	4	42	103	136	128
Local injuries	35	25	36	78	59	85	156
Rheumatic fever including gout and osteoarthritis.	17	5	39	52	44	59	60
Enteric fever	2	...	...	5	11	8	25
Disease of the nervous system other than epilepsy and mental.	37	14	22	71	91	139	201
Disease of the ear	74	60	80	68	79	115	222
Disease of the circulatory system other than V. D. H. and D. A. H.	6	9	11	32	27	66	57

Diseases.	Actual Number.						
	1913.	1914.	1915.	1916.	1917.	1918.	1919.
Disease of the respiratory system ...	9	4	12	54	75	123	221
Epilepsy ... ..	26	30	31	41	41	55	44
Diseases of the liver ... ..	10	13	8	13	12	18	62
"    "    eye ... ..	35	10	87	90	70	71	114
Hernia ... ..	3	1	30	21	6	12	43
Gonorrhœa ... ..	9	12	3	...	3	3	15
Varix ... ..	...	...	21	45	4	8	19
Caries of the teeth ... ..	1	1	17	28	3	6	10
Diseases of the digestive system other than hepatitis, abscess of the liver, hernia, and caries of the teeth.	11	7	40	28	62	133	324
All causes ... ..	530	364	889	1,343	1,337	2,007	4,324

The following factors are largely accountable for the very high invaliding rate during the year:—

(1) During the first half of the year the Garrison consisted very largely of elderly men, many of whom had spent some years in the country and had become debilitated. All were due for demobilization and many could well have gone home with their units during the summer, but they were invalided as it was desirable to get them sent home before the onset of the hot weather, especially as ample shipping facilities were available at the time.

(2) The newly arriving Battalions in the autumn brought with them a large number of men who were suffering from disabilities detrimental to effective service in the Tropics. As before commented on, the examination before embarkation was not in all cases carried out with the thoroughness necessary to ensure the elimination of men physically unsuitable for service in India.

#### OFFICERS.

##### 23. Officers with British units.

	1919.	1918.
Average strength ... ..	3,452	4,524
Actual admissions ... ..	3,656	6,083
Ratio per 1,000 admissions ... ..	1,058·8	1,344·6
Actual deaths ... ..	33	72
Ratio per 1,000 deaths ... ..	11·00	15·57

The chief diseases and their admission ratios were:—

Malaria	...	157.0	I. C. T.	...	35.6	Bronchitis	...	24.3
Sandfly fever	...	69.8	Tonsillitis	...	31.6	Neurasthenia	...	23.5
Influenza	...	54.4	Dysentery	...	31.0	Dengue	...	22.9
Debility	...	54.2	Colitis	...	30.7	Jaundice	...	18.5
Diarrhoea	...	51.5	Gastritis	...	27.8			

The admission ratio for all causes for officers was 1,053.8 and that for other ranks 972.1.

Health of officers and of other ranks for the years 1915—1919 and the quinquennium 1910—1914.

Period.		RATIO PER 1,000 STRENGTH.					
		ADMISSIONS.		INVALIDS SENT HOME.		DEATHS.	
		Officers.	Other ranks.	Officers.	Other ranks.	Officers.	Other ranks.
1910-1914	...	567.5	567.2	16.30	7.03	5.12	4.51
1915	...	684.2	825.1	20.19	19.80	7.31	5.95
1916	...	921.4	772.0	36.03	22.11	7.30	6.54
1917	...	965.5	771.7	26.89	16.54	7.03	4.83
1918	...	1,344.6	1,030.2	48.85	22.81	15.47	10.19
1919	...	1,053.8	972.1	151.17	76.45	11.00	7.74

The incidence of enterica among the four groups, Officers, Other ranks, Women and Children, for 1919 is shown in the following table:—

	OFFICERS.		WOMEN.		CHILDREN.		OTHER RANKS.		
	Adms.	Deaths.	Adms.	Deaths.	Adms.	Deaths.	Adms.	Deaths.	
Actuals	...	29	3	5	1	14	1	257	25
Ratio	...	8.4	0.87	3.4	0.69	5.8	0.43	4.5	0.41

Causes of deaths and invaliding amongst Officers (Actuals).

Disease.	Invalided.	Died.	Disease.	Invalided.	Died.
Paratyphoid, A.	...	2	Albuminuria	1	...
Influenza	14	3	Synovitis	3	...
Enteric group	1	3	Rhinitis	1	...
Cholera	...	1	Coryza	1	...
Dysentery	57	3	Inflammation of the accessory sinuses.	1	...

Disease.	Invalided.	Died.	Disease.	Invalided.	Died.
Kala-azar ... ..	1	...	Dilatation of the myocardium	3	2
Malaria ... ..	59	3	Valvular disease of the heart	14	1
Erysipelas ... ..	...	1	Fatty degeneration of the myocardium.	1	...
Abscess of connective tissue ...	1	...	Angina pectoris ... ..	1	...
Boils ... ..	1	...	Disordered action of the heart	27	...
Pneumonia ... ..	6	2	Phlebitis ... ..	1	...
Rheumatic fever ... ..	3	...	Thrombosis of veins ... ..	4	1
Tonsillitis ... ..	1	...	Varix ... ..	3	...
Tubercle of lung ... ..	9	1	Asthma ... ..	1	...
"    " lymphatic glands	1	...	Laryngitis ... ..	1	...
Taberculosis ... ..	1	...	Bronchitis ... ..	4	1
Gonorrhœa ... ..	2	...	Phthisis fibroid ... ..	1	...
Alcoholism ... ..	3	2	Pleurisy ... ..	1	...
Anæmia ... ..	1	...	Suppuration of gums ... ..	2	...
Gout ... ..	1	...	Gastritis ... ..	14	...
Osteo arthritis ... ..	1	...	Inflammation of pharynx ... ..	1	...
Debility ... ..	15	...	Stricture of pylorus ... ..	1	...
Neuritis ... ..	2	...	Ulceration of stomach ... ..	2	...
"    multiple ... ..	3	...	Indigestion ... ..	2	...
Pachymeningitis ... ..	1	...	Enteritis ... ..	6	1
Hæmorrhage of the brain ... ..	...	1	Appendicitis ... ..	2	2
Hemiplegia ... ..	...	2	Colitis ... ..	22	...
Epilepsy ... ..	1	...	Duodenal ulcer ... ..	2	...
Neuralgia ... ..	2	...	Sprue ... ..	5	...
Neurasthenia ... ..	53	...	Diarrhœa ... ..	9	...
Mania ... ..	1	...	Constipation ... ..	1	...
Delusional insanity ... ..	2	...	Ulceration of rectum ... ..	1	...
N. Y. D. Mental ... ..	4	...	Colic ... ..	1	...
Conjunctivitis ... ..	1	...	Piles ... ..	3	...
Ulcerative keratitis ... ..	1	...	Hepatitis ... ..	3	...
Optic neuritis ... ..	1	...	"    suppurative ... ..	2	1
Choro'iditis ... ..	1	...	Perihepatitis ... ..	1	...
Lenticular cataract ... ..	1	...	Jaundice ... ..	2	...
Astigmatism ... ..	2	...	Acute nephritis ... ..	1	...
Inflammation of the middle ear	5	...	Dislocation of intra-articular cartilage.	1	...
Asthenopia ... ..	1	...	Myalgia ... ..	3	...
Deafness ... ..	3	...			

## (ACTUALS.)

Disease.	Invalided.	Died.	Disease.	Invalided.	Died.
Eczema ...	3	...	Fracture of base of skull ...	2	1
Effects of heat ...	7	...	Concussion of brain ...	2	...
Heat stroke ...	11	1	Concussion of spinal cord ...	1	...
Asphyxia from submersion ...	...	1	Serum in toxication ...	1	...
Contusion ...	1	...	Internal derangement of knee joint.	1	...
Wounds ...	1	...	Shell shock ...	2	...
Wounds gunshot ...	14	1			
Dislocation ...	2	...			
Fracture ...	3	3	Total ...	522	38

24.—

## WOMEN.

	1919.	1918.
Average strength ...	1,450	1,481
Actual admissions ...	803	...
Ratio per 1,000 admissions ...	553·8	603·0
Actual deaths ...	15	...
Ratio per 1,000 deaths ...	10·34	24·98

Principal causes of admissions (actual numbers) :—

Debility ... 248	Influenza ... 33	Gastritis ... 14	Colitis ... 12
Malaria ... 68	N. A. D. ... 29	Small-pox ... 13	Constipation... 12
Abortion ... 39	Bronchitis ... 18	Tonsillitis ... 12	Diarrhoea ... 12

Admission and death rates for the quinquennium 1910-1914 and the succeeding years.

	RATIO PER 1,000.	
	Admissions.	Deaths.
1910-1914 ...	504·3	7·09
1915 ...	466·9	6·73
1916 ...	421·5	5·79
1917 ...	456·6	8·20
1918 ...	603·0	24·98
1919 ...	553·8	10·34

25.—

## CHILDREN.

					1919.	1918.
Average strength	...	...	...	...	2,407	2,624
Actual admissions	...	...	...	...	774	1,136
Ratio per 1,000 admissions	...	...	...	...	321.6	432.9
Actual deaths	...	...	...	...	42	53
Ratio per 1,000 deaths	...	...	...	...	17.45	20.20

Admission and death rates per 1,000 of strength for the principal diseases :—

Year.	Measles.		Bronchitis.		Malaria.		Diarrhoea.		Debility.		Influenza.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
1918 ...	20.2	...	48.0	0.38	51.4	0.38	24.0	1.14	30.5	...	53.4	1.52
1919 ...	22.43	0.42	24.5	0.83	32.4	0.42	19.5	...	37.0	...	12.5	2.08

There was an admission ratio of 10.8 for chicken-pox and 8.3 for tonsillitis.

Mortality ratios per 1,000, for the quinquennium 1910-1914 and 1915 to 1919 inclusive :—

				Under 6 months.	Between 6 and 12 months.	From 1 to 5 years.
1910-1914	...	...	...	127.9	55.3	14.6
1915 ...	...	...	...	98.8	52.1	25.2
1916 ...	...	...	...	117.6	32.6	15.4
1917 ...	...	...	...	74.8	10.0	7.3
1918 ...	...	...	...	76.3	30.1	11.4
1919 ...	...	...	...	46.3	25.6	18.0

## Causes of deaths and invaliding amongst children.

(ACTUAL.)

Disease.	Invalided.	Died.	Disease.	Invalided.	Died.
Diphtheria ...	...	1	Inflammation of middle ear ...	1	...
Measles ...	...	1	Endocarditis ...	...	1
Small-pox ...	...	3	Occlusion by compression ...	...	1
Enteric group ...	...	1	Bronchitis ...	1	2
Dysentery ...	...	1	Broncho-pneumonia ...	...	3
Kala azar ...	...	1	Gangrene of mouth ...	...	1
Malaria ...	1	1	Disorders of dentition ...	...	3
Septicæmia ...	...	1	Enteritis ...	...	5
Hydrophobia ...	...	1	Ulceration of intestines ...	...	1
Pneumonia ...	...	1	Hepatitis ...	...	1
Rickets ...	...	1	Peritonitis ...	1	1
Malformation pelvis ...	...	1	Acute nephritis ...	...	1
„ heart ...	...	1	Premature birth ...	...	2
Debility ...	1	...			
Hydrocephalus ...	...	1			
Convulsions infantile ...	...	4	TOTAL ...	5	42

Statement of Expenditure

(A.C. No. 1)

Particulars	Estimated Expenditure	Actual Expenditure	Percentage of Estimated Expenditure
1. Salaries and allowances	1000000	950000	95.00
2. Fuel and transport	500000	520000	104.00
3. Printing and stationery	200000	180000	90.00
4. Repairs and maintenance	300000	310000	103.33
5. Miscellaneous	100000	100000	100.00
Total	2000000	1960000	98.00

## INDIAN ARMY.

(From the Director, Medical Services in India).

26. The average strength of Indian troops including those on duty in China and Nepal and other stations outside India, but excluding those on Field Service, was 229,731 in 1919 as compared with 341,458 in 1918.

The following table gives the actuals and ratios of sickness, deaths, and invaliding for the quinquennial period 1910-14 and for the years 1915 to 1919 inclusive:—

Period.	Average strength.	Admissions.	Deaths.	Invalids.	Average constantly sick.	RATIO PER 1,000 OF STRENGTH.			
						Admissions.	Deaths.	Invalids.	Average constantly sick.
1910-14 (Average) ...	130,261	71,213	573	699	2,662	544'6*	4'35*	5'4*	20'7*
1915 ...	119,985	89,315	1,026	5,415	4,061	744'4	8'55	45'1	33'9
1916 ...	137,076	105,333	1,248	3,745	5,250	757'4	8'97	26'9	37'7
1917 ...	191,242	141,787	2,201	3,121	6,556	741'4	11'51	17'9	34'3
1918 ...	341,458	292,393	9,959	6,530	13,897	856'3	29'17	19'2	40'7
1919 ...	229,731	176,313	2,742	4,999	9,191	767'5	11'94	21'8	40'0

\*Worked out on quinquennial aggregates.

## ADMISSIONS.

27. There has been a satisfactory decrease in the ratio of admissions for all causes as compared with 1918. The figure has again reached a level comparable with the corresponding figures for the earlier period of the War.

While this decrease is to be attributed to a great extent to the lower admission ratio for Influenza, yet that this is not the sole cause is shown by the fact that this disease still gives a much higher figure than has been known since the previous pandemic in 1890.

The fact that the admission ratio for all causes has not, in spite of the return of peace conditions, fallen below the level at which it stood during the great war, is attributable to many factors of which the following are a few of the more important.

1. The continuation, though in a less intense form, of the Influenza pandemic with the effect its resultant debility is known to have on the incidence of other diseases.

2. The return to India of many troops from field service overseas in Mesopotamia and Egypt, and from the North-West Frontier operations, with the well known result on the incidence of venereal disease.

3. The necessity for keeping the army up to a strength much above that of the years before the great-war resulted in the enlistment of men below the best standard of physical fitness.

The following series of tabular Statements and brief notes gives the incidence and results of diseases collectively and separately where comment is necessary.

*Admissions for the principal diseases for the quinquennial period 1910-14, and for the years 1915-1919, inclusive:—*

Period.	RATIOS PER 1,000.																			
	Influenza.	Cholera.	Small-pox.	Enteric fever.	Malaria.	Sandy fever.	Pyrexia of uncertain origin.	Plague.	Circulatory diseases.	Tubercle of lung.	Pneumonia.	Respiratory diseases.	Dysentery.	Diarrhoea.	Hepatic abscess.	Hepatic congestion and inflammation.	Scurvy.	Anæmia and debility.	Veneral diseases.	All causes.
1910-14	2.4	0.3	0.4	2.0	112.3	8.2	34.9	0.3	1.8	2.1	7.7	27.1	18.4	11.7	0.1	1.0	0.8	11.3	14.8	544.6
1915	2.3	0.7	0.3	2.2	148.5	13.9	22.5	0.2	4.6	2.8	12.9	42.2	22.6	18.2	0.1	1.2	2.0	20.8	31.3	744.4
1916	3.0	0.4	0.4	2.4	200.7	6.8	12.4	0.6	4.1	2.8	16.9	36.8	16.0	12.7	0.0	1.1	2.5	19.6	40.1	757.4
1917	1.8	0.7	0.3	1.0	184.6	8.2	7.5	0.6	3.3	2.9	21.8	44.4	13.8	13.7	0.1	1.0	0.7	15.7	45.0	742.6
1918	136.8	0.2	1.0	0.8	120.7	12.7	3.0	0.4	2.7	2.5	10.6	58.1	12.7	22.6	0.1	0.9	0.7	14.6	53.1	850.3
1919	34.7	0.6	1.7	0.4	145.6	12.4	2.3	0.1	4.3	4.0	12.8	36.8	10.5	20.6	0.1	1.0	0.6	19.6	65.1	767.5

It is satisfactory to note that there has been a reduction in the admission ratios of preventable bowel diseases namely enteric fever, dysentery, and diarrhoea, and that pyrexia of uncertain origin is still further reduced.

The diseases showing the chief increased ratios are malaria, venereal diseases, and anæmia and debility, that is such diseases as one would expect to increase under the conditions outlined above.

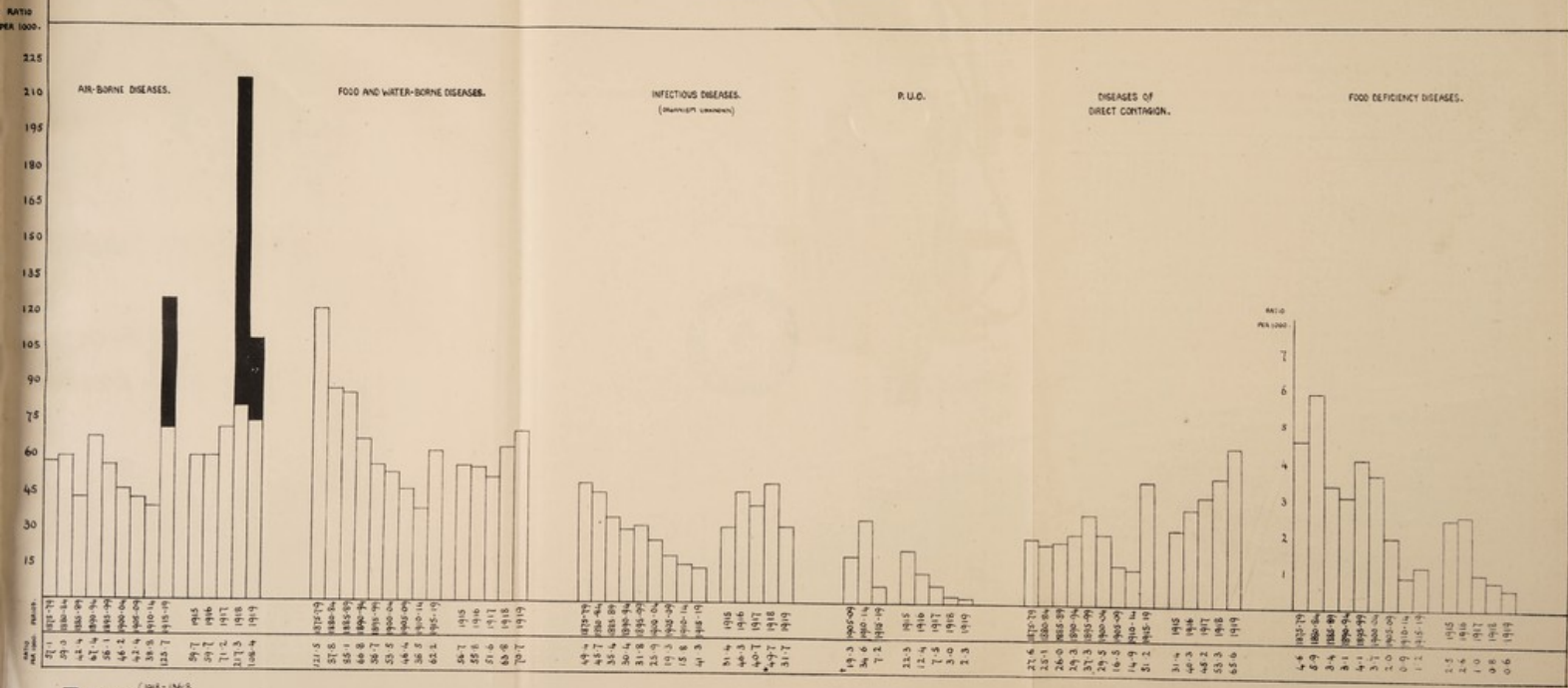
#### DEATHS.

28. Death rates per 1,000 for the same diseases and for the same periods as in the preceding table.

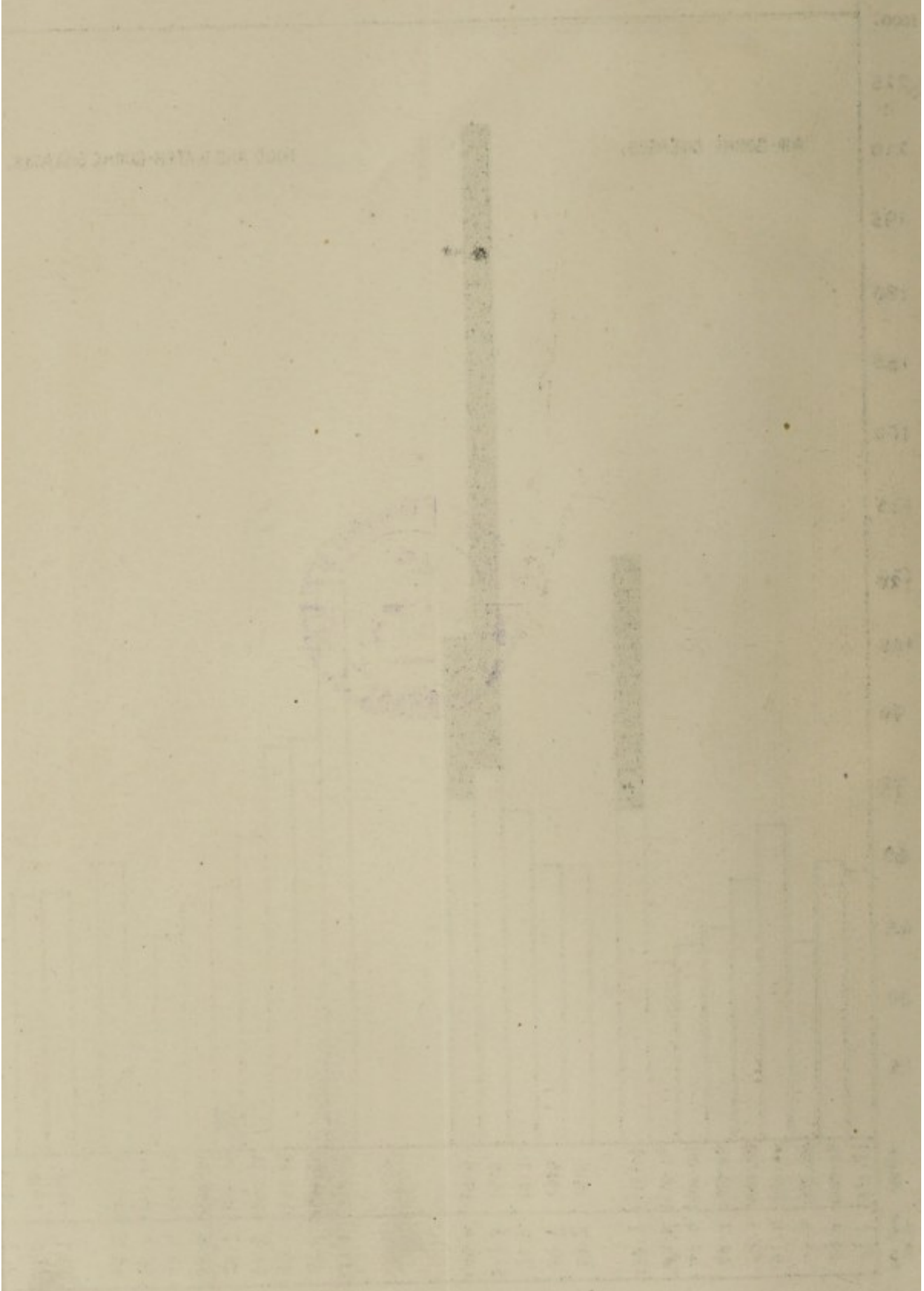
Period.	Influenza.	Cholera.	Small-pox.	Enteric fever.	Malaria.	Pyrexia of uncertain origin.	Plague.	Circulatory diseases.	Tubercle of lung.	Pneumonia.	Respiratory diseases.	Dysentery.	Diarrhoea.	Hepatic abscess.	Hepatic congestion and inflammation.	Scurvy.	Anæmia and debility.	Veneral diseases.	All causes.
1910-14	...	0.18	0.6	0.38	0.28	0.13	0.5	0.17	0.22	1.05	0.22	0.10	0.03	0.03	0.01	0.01	0.06	0.04	4.40
1915	0.01	0.38	...	0.51	1.08	0.22	0.07	0.28	0.32	2.62	0.22	0.20	0.23	0.04	0.03	0.04	0.11	0.03	8.55
1916	...	0.24	0.06	0.47	0.70	0.18	0.27	0.25	0.42	3.35	0.31	0.25	0.07	0.03	0.03	0.04	0.09	0.05	8.97
1917	...	0.26	0.03	0.2	0.90	0.17	0.30	0.24	0.63	3.00	0.04	0.20	0.06	...	0.02	0.01	0.08	0.04	11.52
1918	15.23	0.12	0.13	0.25	1.00	0.06	0.18	0.28	0.63	6.02	1.86	0.20	0.04	0.02	0.02	0.02	0.02	0.04	29.1
1919	2.63	0.34	0.16	0.06	0.54	...	0.09	0.24	1.08	2.58	1.31	0.18	0.01	0.02	0.03	0.01	0.04	0.06	1.94

# INDIAN TROOPS.

# ADMISSION RATIO PER 1000.



INDIAN TROOPS



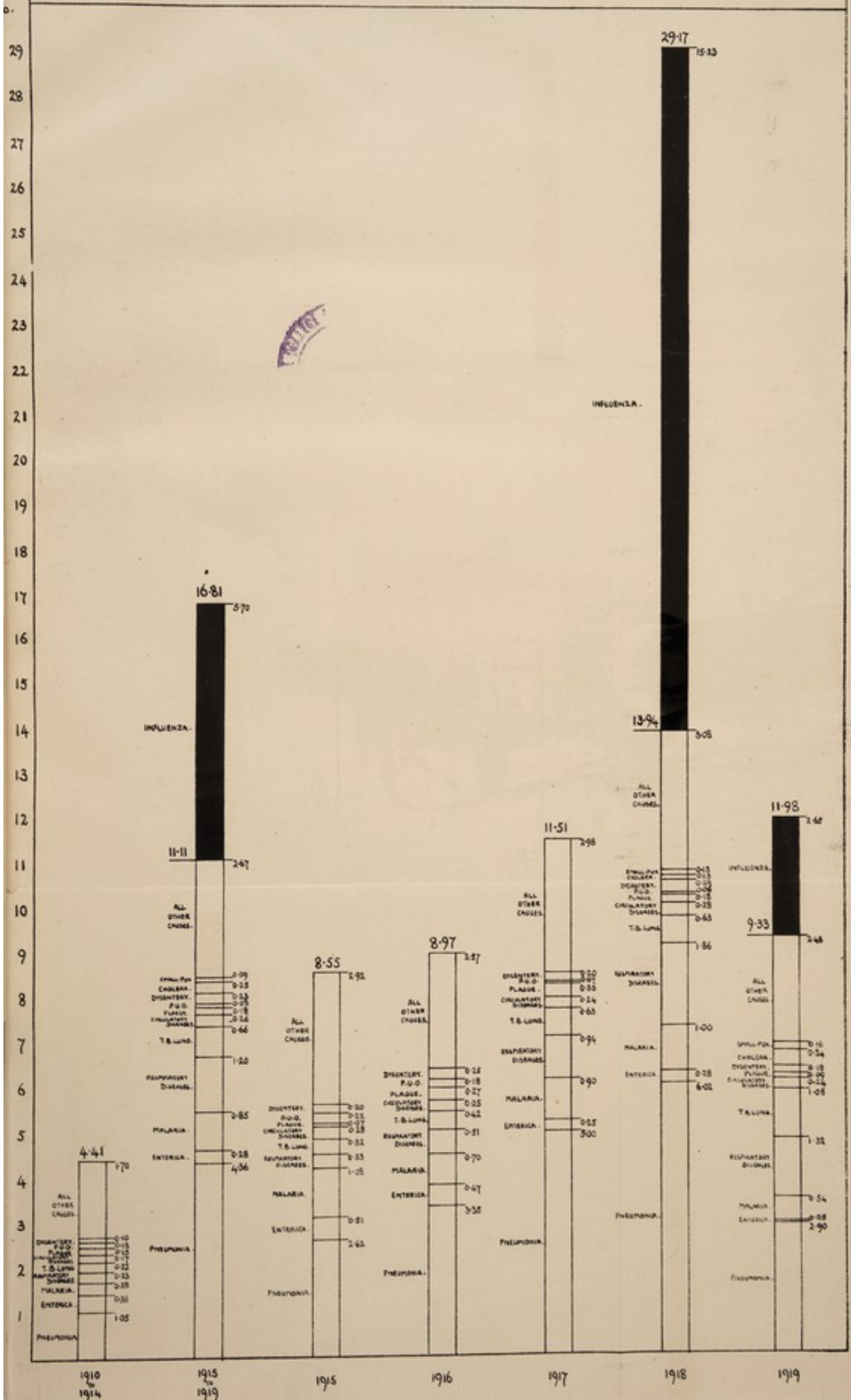
INDIAN TROOPS

INDIAN TROOPS

INDIAN TROOPS

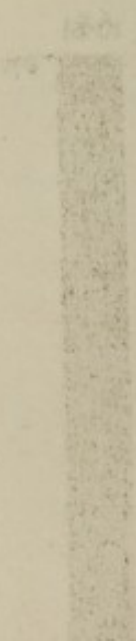
# INDIAN TROOPS.

# MORTALITY RATIO PER 1000.



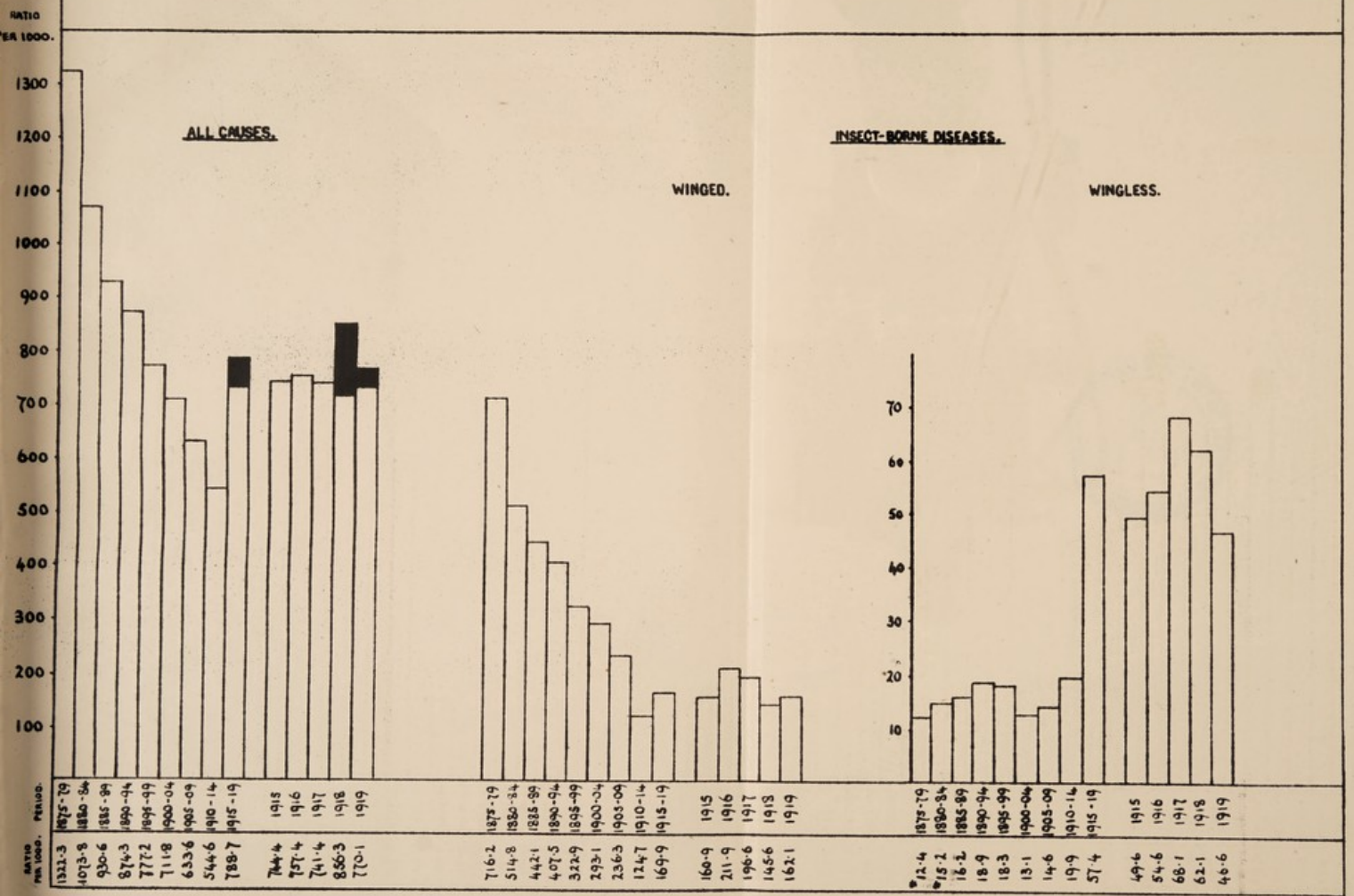
MORTALITY RATIO PER

INDIAN TROOPS.



# INDIAN TROOPS.

## ADMISSION RATIO PER 1000.



RECORDS INCOMPLETE.

AMERICAN

INDIAN TROOPS.

1891

1891

100  
200  
300  
400  
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9900  
10000

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
1890	100	100	100	100	100	100	100	100	100	100	100	100	1200
1891	100	100	100	100	100	100	100	100	100	100	100	100	1200
1892	100	100	100	100	100	100	100	100	100	100	100	100	1200
1893	100	100	100	100	100	100	100	100	100	100	100	100	1200
1894	100	100	100	100	100	100	100	100	100	100	100	100	1200
1895	100	100	100	100	100	100	100	100	100	100	100	100	1200
1896	100	100	100	100	100	100	100	100	100	100	100	100	1200
1897	100	100	100	100	100	100	100	100	100	100	100	100	1200
1898	100	100	100	100	100	100	100	100	100	100	100	100	1200
1899	100	100	100	100	100	100	100	100	100	100	100	100	1200
1900	100	100	100	100	100	100	100	100	100	100	100	100	1200

Johns & Co.  
Printers and Binders  
New York

1900

Admission ratios per 1,000.

Period.	All causes.	Air-borne. Laryngitis, Bronchitis, Whooping cough, Diphtheria, Cerebro spinal meningitis, Influenza.	Food and Water-borne. Gastritis, Diarrhoea, Colitis, Enteritis Dysentery Hepatitis Hepatic abscess, Enterica, Cholera.	Insect borne.		Infectious diseases Origin unknown.	Pyrexia of uncertain origin.	Diseases of Direct Contact. Syphilis Gonorrhoea, Soft chancres, Leprosy.	Food Deficiency Diseases, Scurvy Beriberi.
				Winged.	Wingless.				
1875—79	1,322.3	57.1	121.5	716.2	12.4†	49.4	...	27.6	4.6
1880—84	1,073.8	59.0	87.8	514.8	15.2†	45.7	...	25.1	5.9
1885—89	930.5	42.4	85.1	442.1	16.2	35.4	...	26.0	3.4
1890—94	874.3	67.4	66.8	407.5	18.9	30.4	...	29.3	3.1
1895—99	777.2	56.1	56.7	322.9	18.3	31.8	...	37.3	4.1
1900—04	711.8	46.2	53.5	293.1	13.1	25.9	...	29.5	3.7
1905—09	633.6	42.4	46.4	236.3	14.6	19.3	19.3‡	16.5	2.0
1910—14	544.6	38.8	38.5	124.7	19.9	15.8	34.6	14.9	0.9
1915—19	783.7	125.7	62.2	169.9	57.4	41.3	7.2	51.2	1.2
1915	744.4	59.7	56.7	160.9	49.6	31.4	22.3	31.4	2.5
1916	757.4	59.7	55.8	211.9	54.6	46.3	12.4	40.3	2.6
1917	741.4	71.2	51.6	196.6	68.1	40.7	7.5	45.2	1.0
1918	856.3	217.3*	63.8	145.6	62.1	49.7§	3.0	53.3	0.8
1919	770.1	103.4	70.7	162.1	46.6	31.7	2.3	65.6	0.6

\*Influenza 136.8.

†Records incomplete.

‡Two years' average only. Diagnosis introduced 1908.

§Skin affections have been included under this heading for convenience, as the grouping is made from the Public Health point of view.

N. B.—The arrangement of the graphs has been altered and simplified. The average ratios for the quinquennial periods are now shown on the same graphs as the annual ratios to facilitate comparison.

The reduction of the ratios for all causes approximately to the level of the pre-influenza period is very satisfactory especially in view of the fact that influenza still remains the second greatest cause of death, exceeded only by pneumonia of which it is likely that many cases were of influenzal origin.

The marked reduction in the ratio of deaths from enteric fever and the total disappearance of pyrexia of uncertain origin as a cause of death are particularly satisfactory.

*ex*—INDIA.

29. *China*.—The average strength of troops serving was 1704, the admission and death rates being 409.0 and 6.46 per 1,000, respectively, as compared with 385.2 and 7.33 for 1918. The actual admissions in 1919 numbered 697 and the deaths 11. The chief causes of admissions are given in the following table.

Disease.	Admissions.	Ratio per 1,000.
Influenza ...	114	66.9
Veneral diseases ...	75	44.0
Respiratory diseases ...	72	42.3
Anæmia and debility ...	42	24.6
Malaria ...	25	14.7
Pyrexia of uncertain origin ...	18	10.6

The deaths were due to tubercle of lungs 3; enteric fever 2; influenza 1; dysentery 1; syphilis 1; other causes 3.

*Nepal*.—In Kathmandu there was an average strength of 49, with 53 admissions, with a ratio per 1,000 of 1,081.6.

The two chief causes of admissions were malaria 29 and dysentery 8.

There were no deaths.

30. NORTHERN AND SOUTHERN ARMIES, DIVISIONS AND BRIGADES.

ADMISSION AND DEATH RATIOS, NORTHERN AND SOUTHERN ARMIES 1919.

	RATIO PER 1,000	
	Admissions.	Deaths.
Northern Army ...	787.2	11.81
Southern Army ...	749.3	12.26

These figures show a considerable reduction as compared with 1918.

Actual figures and ratios for admissions and deaths by Divisions 1919.

Division.	ADMISSIONS.		DEATHS.	
	Actuals.	Ratio per 1,000.	Actuals.	Ratio per 1,000.
1st Peshawar ... ..	15,240	934.7	269	16.50
2nd Rawalpindi ... ..	16,602	706.6	276	11.75
16th Indian ... ..	23,163	751.0	336	10.89
4th Quetta ... ..	11,968	765.5	373	23.86
5th Mhow ... ..	21,789	680.6	314	9.81
Poona ... ..	22,838	826.6	293	10.25
Meerut ... ..	25,028	749.6	326	9.76
8th Lucknow ... ..	12,129	697.3	185	10.64
9th Secunderabad ... ..	11,348	777.3	130	8.90
Burma ... ..	5,314	767.6	89	12.86
Frontier Brigades ... ..	9,953	1,201.5	140	16.90

## STATIONS.

31. Table showing the 13 stations having an average strength of 1,000 or over which had the highest admission ratios per 1,000.

Stations.	Average Strength.	Admission ratio.	Death ratio.
Bombay ... ..	1,650	1,701.2	24.85
Peshawar ... ..	3,360	1,545.2	36.61
Thal ... ..	1,300	1,460.0	18.46
Ali Masjid ... ..	1,242	1,384.1	5.64
Deolali ... ..	2,236	1,330.5	8.50
Kohat ... ..	2,445	1,274.4	19.22
Montgomery ... ..	1,165	1,164.8	10.30
Cawnpore ... ..	1,030	1,147.6	6.80
Mardan ... ..	1,227	1,132.0	7.33
Alipore ... ..	1,141	1,128.0	9.64
Karachi ... ..	4,477	1,110.6	21.44
Mandalay ... ..	1,213	1,028.0	18.96
Maymyo ... ..	1,599	1,015.6	13.13

## INFLUENZA.

## 32. Admissions and deaths with ratios for the years 1918 and 1919.

				1919.	1918.
Actual admissions	...	...	...	7,955	46,715
Ratio per 1,000 admissions	...	...	...	347	136.8
Actual deaths	...	...	...	605	5,200
Ratio per 1,000 deaths	...	...	...	2.63	15.23

Table showing the seven stations with a strength of over 1,000 which returned the highest admission ratios. Death ratios are also shown.

Station.	Average Strength.	ACTUALS.		RATIO PER 1,000.		Case Mortality per 100.
		Admissions.	Deaths.	Admissions.	Deaths.	
Deesa	1,155	425	16	368.0	13.85	3.76
Trichinopoly	1,337	388	4	290.2	2.99	1.03
Bombay	1,650	404	17	254.8	10.30	4.21
Alipore	1,141	255	5	223.5	4.38	1.96
Loralai	1,046	211	71	201.7	67.88	33.65
Barrackpore	1,411	273	13	193.5	9.21	4.76
Jhansi	5,253	1,000	6	190.4	1.14	0.60

These figures show that while Influenza was still an important cause of admissions to hospital, and ranked as the second greatest cause of death, yet compared to the previous year, there was a very vast improvement.

Reports generally have indicated that there were two periods of prevalence for this disease. One, during the first three months of the year, was the aftermath of the great pandemic; the other, a fresh epidemic, broke out about September or October.

Most Medical Officers are agreed in stating that, generally speaking, both the dying pandemic and the new epidemic were of a much milder and less fatal type than in 1918; at only one station, Loralai, was the disease specially noted as being of a very severe type, and there, it is stated, the troops' resistance was much lowered by malaria, which is endemic at that station.

At Peshawar too, the epidemic, which began in October caused at first a high mortality, but diminished in severity towards the end of December.

## MALARIA.

33. This year malaria again takes its usual place as the chief cause of admission to hospital, displacing influenza which occupied that position in 1918.

The actual figures and ratios compared with 1918 were:—

	1919.	1918
Actual admissions ... ..	33,459	44,274
Ratio per 1,000 admissions .. ..	145·9	129·7
Actual deaths ... ..	123	341
Ratio per 1,000 deaths ... ..	0·54	1·00

It is satisfactory to note that the figure for 1919, although the admission ratio was higher than in 1918, is with the one exception of that year, lower than that for any other year of the war.

The continued high incidence is to be attributed largely to the unrest on the Frontier and elsewhere, with the necessary employment of large numbers of troops in highly malarious areas, resulting in the return to India, at intervals of units heavily infected with the disease.

The admission ratio per 1,000 of strength for the Northern Army was 164·5, that for the Southern Army 123·0.

*Malaria admission rates in order of incidence at stations with an annual average strength of over 1,000:—Ratios per 1,000 of strength.*

Station.	Admission ratio.	Station.	Admission ratio.	Station.	Admission ratio.
Thal ... ..	853·8	Karachi ... ..	323·0	Bombay ... ..	227·3
Montgomery ... ..	700·4	Deolali ... ..	286·7	Dehra Dun ... ..	215·4
Peshawar ... ..	545·8	Cawnpore ... ..	285·4	Almora ... ..	202·3
Kohat .. ..	491·6	Landi Kotal ... ..	258·4	Jhelum ... ..	200·1
Ali Masjid ... ..	450·1	Maymyo ... ..	252·0	Chaklala ... ..	199·6
Mardan ... ..	403·4	Mandalay ... ..	234·1	Quetta ... ..	190·0

The Frontier Brigades again had a high incidence of malaria.

*Thal.*—Here the rice and other cultivated lands along the Sangroba and Kurram rivers are said to be a fertile source of mosquito breeding places.

*Montgomery.*—A station and not a cantonment, and is consequently without cantonment funds and organisation. The ground is much cut up by kutchra irrigation channels which are said to be responsible for much malaria.

*Peshawar.*—There was an increased incidence in spite of vigorous anti-malarial measures. The presence of a highly infected bazaar population and the system of drainage and irrigation in vogue has always been responsible for much malaria in this station. The bulk of the water is carried in open earth channels, which are badly graded and difficult to keep clear of vegetation and free from pockets where water may lie when the channels are not in use.

Another factor which has influenced the disease is said to be lack of mosquito-proof doors and windows in Indian troops' barracks, though all Indian ranks were provided with mosquito nets.

The increased incidence this year is also attributed to the excessive rainfall during the malaria season.

*Kohat.*—Facilities for the spread of malaria are chiefly the uncontrolled irrigated land inside and outside cantonments, and the proximity of the city and the large village of Jangal Khel. Most of the large irrigation channels in cantonments have been made pucca, but the ultimate small distribution channels still provide breeding places.

At 35 hospitals attempts were made to distinguish between fresh cases and relapses. In all 15,470 cases were analysed with the following results:—

Fresh cases: 11,388 = 73·61 per cent.	}	Benign Tertian. 5,231 = 45·93 per cent.
		Malignant „ 2,105 = 18·48 „
		Quartan 208 = 1·83 „
		Mixed infections 60 = 0·53 „
		Clinical 3,784 = 33·23 „
		—————
		11,388 100·00
		—————

Relapses 4,082 = 26·39 per cent.	}	Benign Tertian. 1,801 = 44·14 per cent.
		Malignant „ 735 = 18·00 „
		Quartan 37 = 0·90 „
		Mixed infections 16 = 0·39 „
		Clinical 1,493 = 36·57 „
		—————
		4,082 100·00
		—————

Total cases 15,470 = 100·00

The following table gives the rainfall in inches in certain districts in 1919, 1918 and 1917, with the mean for all India.

District.	ANNUAL RAINFALL.				District.	ANNUAL RAINFALL.			
	Actual 1919.	Actual 1918.	Actual 1917.	Normal.		Actual 1919.	Actual 1918.	Actual 1917.	Normal.
Burma ... ..	80·43	86·31	80·21	80·05	Assam ... ..	86·77	110·44	95·01	99·26
Bengal ... ..	74·24	82·22	80·61	75·26	Elhar and Orissa ...	58·34	48·83	61·65	51·41
United Provinces ...	40·23	21·09	42·82	38·29	Punjab ... ..	21·18	11·57	35·76	19·75
North-West Frontier Province ...	18·41	14·19	20·21	16·95	Sind ... ..	7·15	1·57	14·12	6·57
Rajputana ... ..	16·13	8·40	46·80	20·46	Bombay ... ..	47·45	25·53	58·98	45·42
Central India ... ..	51·62	20·42	52·95	34·41	Central Provinces ...	58·68	38·40	55·72	44·80
Hyderabad ... ..	32·19	22·72	4·50	31·54	Mysore ... ..	20·12	27·95	41·37	35·08
Madras ... ..	56·28	40·07	49·52	49·54					
Mean of India ... ..	49·19	38·25	55·40	45·25					

## SANDFLY FEVER.

34. There were 3,081 admissions with no deaths ; the ratio per 1,000 was 13.4.

The great preponderance of this disease in the North of India as compared to the South is shown in the following table.

Admissions.	Northern Army.	Southern Army.
Actual figure 1919. ... ..	3,038	43
Ratio per 1,000 1919. ... ..	23.4	0.4
Ratio per 1,000 1918. ... ..	21.3	1.1

Of the geographical groups, No. VI. (Upper Sub-Himalayas) returned 1,135 cases. The following stations in this group had the highest number of admissions :—

Admissions.	Ferozepore.	Ambala.	Jullundur.
Actual figure ... ..	384	280	205
Ratio per 1,000 ... ..	112.5	41.8	34.7

The geographical group next most affected was No. VII (North-West Frontier, Indus Valley and North-West Rajputana) where 972 cases occurred. The following station in this group had the highest number of admissions.

Admissions.	Peshawar.	Nowshara.	Fort Jamrud.
Actual figure ... ..	519	181	46
Ratio per 1,000 ... ..	154.5	54.1	62.2

Group VIII (South Eastern Rajputana Central India and Gujerat) returned 894 cases of which 852 were at Agra giving a ratio per 1,000 of 209.9 for that station.

## PYREXIA OF UNCERTAIN ORIGIN.

35. There has been a further and very marked reduction in the figures for this disease, which has indeed steadily decreased as a cause of sickness since the quinquennial period 1910-14.

This year too, for the first time, there were no deaths from this cause.

With the more thorough methods of diagnosis now in vogue, pyrexia of uncertain origin should soon become negligible as a diagnosis in hospital.

The figures were as follows—

	1919.	1918
Actual admissions ... ..	537	1,018
Ratio per 1,000 admissions ... ..	2'3	3'0
Actual deaths ... ..	<i>Nil</i>	19
Ratio per 1,000 deaths ... ..	0'0	0'06

For the two Armies the Admission ratios in 1919, were :—

Northern Army 2'3

Southern Army 2'2.

The following three stations with a strength of 1000 or over showed the highest admission rates.

In the Ambala Brigade, pyrexia of uncertain origin was entirely absent, coincident with a slight increase in enteric fevers. This appears to be due to close co-operation between the hospital and the Brigade Laboratory for purposes of diagnosis.

#### DENGUE.

36. Tables showing the actual admissions and ratio per 1,000 admissions during the year, with corresponding figures for 1918, and the comparative figures for the Northern and Southern Armies in 1919 and 1918:—

Admissions.	1919.	1918.
Actual figure ... ..	94	241
Ratio per 1,000 ... ..	0'4	0'7

Admissions.	Northern Army.		Southern Army.	
	1919.	1918.	1919.	1918.
Actual figure ... ..	4	106	90	135
Ratio per 1,000 ... ..	0'02	0'5	0'9	1'0

There were no deaths during the year.

Rangoon returned the highest number of admissions with 89.

## ENTERIC.

37. The total admissions were 101 and deaths 14, giving ratios of 0·4 and 0·06, respectively.

The following table gives the figures for the quinquennial period 1910-14 and the years 1915 to 1919 separately :—

Period.			Admissions.		Deaths.	
			Actuals.	Ratios per 1,000.	Actuals.	Ratio per 1,000.
1910-14 (Average)	...	...	257	2·0*	49	0·38
1915	...	...	258	2·2	61	0·51
1916	...	...	339	2·4	66	0·47
1917	...	...	200	1·0	48	0·25
1918	...	...	282	0·8	96	0·28
1919	...	...	101	0·4	14	0·06

\*Worked out on quinquennial aggregates.

Table showing actual admissions and deaths against each component of this group of fevers during the same periods.

Period.	Typhoid Fever.		Para typhoid A.		Para typhoid B.		Enteric Group.		Totals.	
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.
1910-14 (Average)	255	40	2	...	0·4	...	...	...	257	49
1915	257	61	1	...	...	...	...	...	258	61
1916	298	66	39	...	2	...	...	...	339	66
1917	172	43	22	5	6	...	...	...	200	48
1918	255	94	21	2	6	...	...	...	282	96
1919	46	9	18	1	4	...	31	4	101	14

The Northern Army returned the same admission ratio as the Southern Army namely 0·4, and showed a slightly lower death ratio, *viz.*, Northern Army 0·04, Southern Army 0·07.

There were no serious epidemics of this disease among Indian troops, but small outbreaks occurred at Mhow, Almora and Landi Kotal.

The following stations with a strength of over 500 men returned the highest admission ratios (per 1,000 of strength), Risalpur 5·7, Almora 4·4, Mhow 2·9, Landi Kotal 2·4, Dinapore 2·1.

At Almora the outbreak occurred in the 1-50th Kumaon Rifles among whom there were 6 cases and suspicion fell on the milk seller's shop in the lines. It was found that of two private servants who were employed there in handling the milk and making curds, one had a positive Widal re-action to Paratyphoid A.

He was removed and the outbreak ceased. There were two further cases, probably sporadic, which occurred later. The source of their infection could not be traced.

At Mhow 12 cases occurred most of them in August and September; there was one sporadic case in April. There was no suspicion as regards the water supply and flies were not prevalent at the time; the outbreak may have been propagated by faulty sanitary conditions, especially cook-houses and latrines, and action was taken to remedy this.

At Landi Kotal 4 cases occurred in September and October. The source of infection could not be traced, but only one man of those infected had been inoculated. The Officer Commanding, 44 Indian General Hospital remarks that the water supply, which depends for its safety on chlorination by units, and on the men only drinking from authorised sources, cannot be guaranteed.

At Risalpur and Dinapore sporadic cases only occurred. At the former station the cases occurred chiefly in the 2nd Guides Infantry attributed to the fact that a great number of men of the unit acquired infection on leave at their homes. There were in all 9 cases.

At Dinapore the source of infection of the 3 cases could not be traced.

At Karachi there were 6 cases, 4 of which occurred in No. 4 Mule Depot. The men of that unit persistently refused inoculation.

#### DYSENTERY, COLITIS AND DIARRHŒA.

38. There were 15,138 admissions for dysentery, colitis and diarrhœa with 69 deaths giving ratios of 65.9 and 0.30 per 1,000, respectively. The corresponding ratios for the previous year were 58.4 and 0.45. The actual admissions for each disease were dysentery 2,404, colitis 7,998, and diarrhœa 4,736. The differential diagnosis between dysentery, colitis and diarrhœa is still undetermined in a considerable proportion of cases, and therefore, for comparative purposes, these may be grouped together as in the following table:—

Ratios per 1,000.

Period.	DYSENTERY.		COLITIS.		DIARRHŒA.		COMBINED RATE.	
	Admissions	Deaths.	Admissions.	Deaths.	Admissions	Deaths.	Admissions	Deaths.
1910-14	18.4	0.10	3.4	0.01	11.7	0.03	33.5	0.14
1915	22.6	0.20	10.1	0.03	18.2	0.23	50.8	0.46
1916	26.0	0.25	10.4	0.08	13.7	0.07	50.1	0.40
1917	13.8	0.20	20.1	0.20	13.7	0.06	47.6	0.46
1918	12.7	0.29	23.1	0.13	22.6	0.04	58.4	0.45
1919	10.5	0.18	34.8	0.10	20.6	0.01	65.9	0.30

While the ratio per 1,000 of admissions for dysentery and diarrhœa has decreased, that for colitis has increased considerably. This is probably due to the fact that in many cases the diagnosis of colitis was made through the clinical signs of dysentery were present, no specific amœbæ nor bacilli, however, having been isolated.

At Dehra Dun, dysentery caused an admission ratio of 22·0 per 1,000. The personnel of the M. T. School were relatively highly infected, the prevailing type being amœbic, and the source of infection was found to lie in the employment of casual cooks who were drawn from various sections of the unit and of whom 50 per cent. were discovered to be carriers of *entamoeba histolytica*.

## INFECTIVE ENTERITIS.

39. There was only 1 admission under this heading during the year.

## VENEREAL DISEASES.

40. There were 14,958 admissions with 14 deaths under this heading. The ratios are 65·1 and 0·06 per 1,000, respectively.

*Comparative Table for Northern and Southern Armies.*

	ACTUALS.		Ratio per 1,000.	
	Admissions.	Deaths.	Admissions.	Deaths.
Northern Army ... ..	7,213	7	55·6	0·05
Southern Army ... ..	7,661	6	78·4	0·06

*Actual admissions for various forms of venereal disease, 1919.*

	Syphilis.	Soft Chancre.	Gonorrhœa.	Totals.
Northern Army ... ..	954	2,632	3,627	7,213
Southern Army ... ..	1,161	3,121	3,379	7,661
Army of India ... ..	2,137	5,773	7,048	14,958

*Admissions all venereal diseases, by divisions for the years 1914-19 inclusive.*

Division.	RATIO PER 1,000.					
	1914.	1915.	1916.	1917.	1918.	1919.
1st (Peshawar) ...	8.5	19.6	25.4	30.6	26.8	22.8
2nd (Rawalpindi) ...	18.8	34.2	39.8	40.7	38.1	47.9
16th (Indian) ...	9.4	33.2	34.6	41.8	44.4	63.8
4th (Quetta) ...	12.4	22.3	30.8	31.3	41.9	53.9
5th (Mhow) ...	12.5	29.9	30.6	26.7	39.6	40.7
Poona ...	31.5	74.0	114.5	89.8	113.8	100.0
Meerut ...	14.1	32.4	36.7	54.7	53.1	74.0
8th (Lucknow) ...	19.6	31.5	35.1	40.9	46.4	62.7
9th (Secunderabad) ...	30.1	58.3	69.7	70.2	89.4	122.5
Burma ...	23.0	46.7	78.7	91.2	128.0	123.8

*Highest admission rates 1919 in order of stations.*

Stations.	Average strength.	Admissions.	Ratio per 1,000 of strength.
Meiktila ...	1,253	377	300.9
Deolali...	2,236	582	260.3
Bombay ...	1,550	411	249.1
Bellary ...	676	116	171.6
Meerut ...	5,055	748	148.0
St. Thomas' Mount ...	1,392	194	139.4
Amritsar ...	2,147	289	134.6
Secunderabad ...	4,810	641	133.3
Dinapore ...	1,416	187	132.4
Mandalay...	1,213	152	125.3

*The incidence of venereal for the past eleven years is shown in the following table:*

	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.
Ratio per 1,000 of strength	16.4	20.9	24.9	24.4	22.6	25.6	31.3	40.1	45.0	53.1	69.3

The above table shows the steady increase in the venereal admission rate

which has taken place since the first year of the great war.

Of the 13 deaths from syphilis, two were attributable to arsenical poisoning following intravenous injections.

In both cases there was unsuspected intolerance to the drug used. In one case there was acute intolerance and the man died the same day after a single dose of 0.3 grams of Kharsivan from sudden collapse and heart failure. In the other case the original German preparation of salvarsan was used and the patient died of toxæmia 3 days after the second injection of 0.6 gram. No cause could be assigned for this intolerance. Two cases were admitted with spastic paraplegia, very severe in one case with the usual accompaniments of bed sores, cystitis, etc., and resulting in death from this cause; the other was somewhat indefinite and death occurred with progressive debility.

One case developed exfoliative dermatitis after novarseno-billon injections, but apparently recovered from this and died 11 days after the last injection with sudden heart failure.

Symptoms of meningitis developed in one case, which apparently died of this, but no postmortem was held and the exact cause of death was undetermined.

In one case severe ulcerated throat appeared to be the cause of death but again no postmortem was permitted.

In only one case of syphilis was an autopsy held after death and in this case the cause of death was definitely ascertained to be cerebral gumma.

The remainder of the cases died apparently of uncomplicated syphilis with progressive anæmia and weakness, unchecked by any treatment given, and in the absence of autopsies, no definite cause of death could be assigned.

One case died of gonorrhœa, but as no case sheet was obtained, the cause of death is unknown.

#### CHOLERA.

41. During the months of June and July cholera was prevalent in epidemic form in the Punjab, and during May and June the troops and followers engaged in active operations in the Khyber Pass, Peshawar, and Kohat Areas were affected to a considerable extent.

Excluding the above forces there were 134 admissions with 77 deaths, amongst Indian troops forming the garrison of India, giving ratios per 1,000 of strength as shown in the following table:—

	1919.	1918.
Actual admissions ...	134	85
Ratio per 1,000 admissions ...	0.6	0.2
Actual deaths ...	77	45
Ratio per 1,000 deaths ...	0.34	0.13

Highest admission rates at stations with a strength of over 1,000 were returned by :—

Station.						Admission ratio per 1,000.	Death ratio per 1,000.
Kamptee	...	...	...	...	...	17·8	11·22
Fyzabad	...	...	...	...	...	6·3	3·61
Agra	...	...	...	...	...	5·2	2·96
Bombay	...	...	...	...	...	3·0	0·61

There were several small local outbreaks in various stations.

At Kamptee 19 cases occurred in June during the Ramzan Fast, chiefly amongst Mohammadan troops. It was traced to drinking water from contaminated wells. All troops were inoculated and the outbreak was controlled within 6 days. At Fyzabad the source of infection was thought to be Fyzabad city where the disease was prevalent to a certain extent.

At Agra the disease was traced to a hospital cook who spent his spare time at his village nursing a child suffering from cholera.

At Bombay the disease first made its appearance early in December 1918, the first case being in a man who arrived from Calcutta on the 6th of that month and who was admitted to the Labour Corps War Hospital, Dadar.

The man was admitted as a diarrhoea case, but was soon isolated as a suspected case of cholera. By the 14th fourteen more cases had occurred in this hospital.

Up to this time there had been no cholera in Bombay for months, but on the 9th December the Municipal authorities reported that cases had occurred in the city. From this date the disease spread steadily in the civil population, and the whole of Bombay was involved in a widespread epidemic.

In spite of the apparent connection between the first case on December 6th and the other cases which occurred at Dadar, exhaustive enquiry failed to establish this as the true source of infection. The simultaneous occurrence of cases in the hospital and the city, was taken as establishing the fact that the disease was introduced to both at the same time from some source unknown.

How the infection subsequently spread could not be determined. In the opinion of the Municipal authorities the water supply could not be blamed, and the possibility of there being any carriers in the hospital was definitely excluded by the usual methods.

In all 41 cases occurred amongst Indian troops and followers during the year, by far the greatest number being in January and February. Only 5 cases occurred amongst combatants, 3 in January 1 in February and 1 in July. In none of these 5 cases was the source of infection definitely traceable.

Other small epidemics of interest were the following :—Bellary had 7 cases out of a strength of 676, the disease being introduced from the Civil Bazaar which is in close proximity to the cantonment.

At Lahore there was an explosive epidemic among the followers of No. 3 Army Bearer Corps and the 16th Labour Corps, 28 cases occurring between the 12th and the 16th of July. The cantonment then remained free from cholera for four weeks, when the disease again started in the Sadar Bazaar on August 13th.

Thereafter sporadic cases occurred here and there until nearly the end of September. Amongst Indian troops, excluding followers, there occurred during the period 12 cases, with 6 deaths.

Enquiries as to the source of infection led to the conclusion that the disease in this case was milk borne, and due to the occasional use of unboiled milk. The milk supply of Indian troops was not organised, but was obtained from surrounding villages which were at that time cholera infected. Necessary steps to prevent this danger were accordingly taken.

In the Rawalpindi divisional area 28 cases occurred amongst troops and followers during the year all except 4 being isolated cases.

The majority of these were traced to personal contact in infected villages, a ring of which surrounded the station. The 4 cases mentioned above occurred amongst the Nepalese Contingent on June 15th and 16th at Kakul.

The first party of the contingent arrived in the area on June 11th actually infected with cholera, but it was decided to allow these troops to proceed under close observation to Kakul.

Special precautions were taken at all stations where the special troop trains stopped. At Kakul all precautions were taken to prevent spread of the disease, and the measures adopted were successful.

#### BERI-BERI.

42. This disease caused only 6 admissions during the year and there were no deaths.

This is very favourable compared with the figures for 1918 which were 52 and 7, respectively. The cases occurred at Trichinopoly 4, Bangalore 1, and Rangoon 1. It would appear from this that the rations now issued to Indian troops contains a sufficiency of anti-beri-beri vitamine.

#### SCURVY.

43. There were 141 admissions and 2 deaths from this disease during the year, the respective ratios being 0.6 and 0.01, per 1,000 a good reduction as compared with last year's figures.

The chief stations returning cases were :—

Nasirabad 21, Ahmednagar 16, Anandi 12, Bombay 8, Delhi 8, Jubbulpore 8 and Karachi 7.

One death each occurred at Bombay and Kirkee.

## PNEUMONIA.

44. Actual admissions and deaths and ratios for the quinquennium 1910-1914, and for the years 1919, 1918 and 1917 :—

	1919.	1918.*	1917.	1910—1914.
Actual admissions... ..	2,938	6,678	4,161	995
Ratio per 1,000 ... ..	12.8	19.6	16.9	7.7
Actual deaths ... ..	661	2,054	956	136
Ratio per 1,000 ... ..	2.88	6.02	3.35	1.05

\* Abnormal year due to influenza pandemic.

Table showing pneumonia death rate per 1,000 compared to death rate for all causes for the years 1915 to 1919 inclusive :—

Death ratio per 1,000.	1919.	1918.†	1917.	1916.	1915.
All causes ... ..	11.94	29.17	11.51	8.97	8.55
Pneumonia ... ..	2.88	6.02	5.00	3.35	2.62
Next most frequent cause ... ..	2.63 (Influenza.)	15.23 (Influenza.)	0.94 (Respiratory diseases.)	0.70 (Malaria.)	1.08 (Malaria.)

† Abnormal year due to Influenza pandemic.

Comparative table showing case mortality per cent among Indian troops and indoor patients in civil hospitals and dispensaries in India for the year 1915 to 1919 inclusive :—

	1919.	1918.	1917.	1916.	1915.
Indian troops ... ..	22.5	30.7	22.9	19.7	20.2
Indoor patients in civil hospitals and dispensaries.	41.7‡	36.1	24.8	25.6§	23.5§

‡ Figures for Bihar and Orissa, Bengal, Burma, Central Provinces, and Berar, only.

§ Excluding Baluchistan.

Both the admission and the death rate shows an improvement over 1918 though this disease still causes more deaths among Indian troops than any other one disease.

The reduction this year is no doubt associated with the decrease of the influenza epidemic which was and still is in all probability responsible for a number of cases returned as pneumonia.

TUBERCULOSIS OF THE LUNG.

45. Table showing actual admissions and deaths and ratios per 1,000 for the years 1915 to 1919 inclusive :—

	1919.	1918.	1917.	1916.	1915.
Actual admissions ...	919	865	557	395	332
Ratio per 1,000 admissions ...	4.0	2.5	2.9	2.8	2.8
Actual deaths ...	249	215	120	58	38
Ratio per 1,000 deaths ...	1.08	0.65	0.63	0.42	0.32

Table showing admission and death ratios for the Northern and Southern Armies :—

	NORTHERN ARMY.		SOUTHERN ARMY.	
	1919.	1918.	1919.	1918.
Admission ratio per 1,000 ...	4.3	2.6	3.6	2.4
Death ratio per 1,000 ...	1.30	0.71	1.02	0.53

Stations with strength of over 1,000 showing the highest admission ratios :—

Station.	Admission ratio per 1,000.	Station.	Admission ratio per 1,000.
Ahmednagar ...	18.6	Lansdowne ...	9.0
Benares ...	12.3	Bannu ...	8.3
Bombay ...	9.7	Chaklala ...	8.0
Lahore ...	9.1	Alipore ...	7.9

*Comparative table showing admission and death ratios among Gurkhas and the Army of India, respectively.*

Tubercle of the lungs, ratio per 1,000.

Year.	ARMY OF INDIA.		GURKHAS.		EXCLUDING GURKHAS.	
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.
1915 ...	2.8	0.32	4.4	1.51	2.6	0.16
1916 ...	2.8	0.42	4.2	1.39	2.6	0.22
1917 ...	2.9	0.63	6.7	2.28	2.3	0.37
1918 ...	2.5	0.63	5.4	1.90	2.3	0.52
1919 ...	4.0	1.08	5.6	2.73	3.9	0.94

## SMALL-POX.

46. Table showing the admissions and deaths, and their ratios with comparative figures for 1918.

						1918.	1919.
Actual admissions	...	...	...	...	..	329	392
Ratio per 1,000	...	...	...	...	...	1'0	1'7
Actual deaths	...	...	...	...	...	46	36
Ratio per 1,000 deaths	...	...	...	...	...	0'13	0'16

*Highest admission ratios by stations*

Stations.						Admission ratio per 1,000.	Death ratio per 1,000
Chaman	...	...	...	...	...	12'3	2'74
Bellary	...	...	...	...	...	11'8	1'48
Bangalore	...	...	...	...	...	11'7	2'10
Jhansi	...	...	...	...	...	6'5	...
Peshawar	...	...	...	...	...	5'7	...
Meerut	...	...	...	...	...	4'0	0'20
Cawnpore	...	...	...	...	...	3'9	...
Rurki	...	...	...	...	...	3'4	0'79
Agra	...	...	...	...	...	5'0	0'25
Baroda	...	...	...	...	...	3'0	...

There were no extensive outbreaks of the disease. At Chaman 9 cases occurred, the first towards the end of November. The infection was considered to have been brought by the first case, a recruit, from Darjeeling.

At Bellary there were 8 cases the first being an isolated case apparently acquired in Bangalore, whence the man had just come. The remaining 7 cases formed a small epidemic commencing nearly 3 months later and lasting 20 days, after which the outbreak subsided. The first case of this series developed in a detachment of a unit the day of its arrival from Bangalore. At the same time the disease was prevalent in the Civil Bazar which is close to cantonments, but which was at that time out of bounds.

At Bangalore 67 cases occurred most of the cases were in January, February, and March, but a few cases occurred every succeeding month until October when the outbreak ceased. Infection was considered to have been imported from the city and bazaars where the disease was prevalent throughout most of the year

At Jhansi there were 34 cases forming an epidemic lasting from January to May. Infection was brought from the city. All the cases bore satisfactory vaccination marks, but most of them had not been revaccinated since childhood.

At Peshawar 19 cases occurred scattered throughout the year, infection in most of the cases being acquired locally.

At Meerut there were 20 cases all occurring in the first half of the year. The source of infection was unknown.

#### CEREBROSPINAL FEVER.

47. There were 52 admissions with 27 deaths, the ratios per 1,000 being 0·2 for admissions and 0·12 for deaths.

This shows a slight reduction as compared with the previous year, when the ratios were 0·3 and 0·19, respectively. The case mortality also shows some improvement being 51·9 per cent as against 65·2 per cent in 1918.

The disease occurred chiefly at the following stations:—Jullundur 8 admissions with 7 deaths, Meerut 7 admissions with 3 deaths, Karachi 7 admissions with 5 deaths, Multan 4 admissions with 2 deaths, Allahabad 4 admissions with 1 death, Quetta 3 admissions, Peshawar 3 admissions, Agra 2 admissions with 1 death.

In the majority of cases the diagnosis was confirmed bacteriologically. There is no report of any source of infection being traced.

At Karachi it is stated that the cases were a residue from the previous year.

#### PLAGUE.

48. Comparative figures 1919 and 1918 are as follows.

	1919.	1918.
Actual admissions	31	121
Ratio per 1,000 admissions	0·1	0·4
Actual deaths	20	62
Ratio per 1,000 deaths	0·09	0·18

Comparative ratios for Northern and Southern Armies 1919 and 1918.

	Northern Army.		Southern Army.	
	1919.	1918.	1919.	1918.
Admission ratio per 1,000	0·1	0·3	0·2	0·5
Death ratio per 1,000	0·07	0·11	0·11	0·29

The following stations reported the greatest number of cases.  
Barrackpore 11 admissions with 7 deaths, Jubbulpore 4 admissions with 2

deaths, Bangalore 3 admissions with 3 deaths, Meiktila 3 admissions with 1 death.

As these figures indicate, there was no notable outbreak of this disease most of the cases being sporadic and occurring in districts where plague is endemic at certain periods of the year. Only at Barrackpore was there anything like a definite epidemic. Here 5 cases occurred in February and 6 in March. They were all of the bubonic type and all confirmed bacteriologically. The source of infection was said to be the cantonment bazaar.

At Jubbulpore the cases occurred amongst men of the 2-76th Punjabis whose lines were adjacent to the site occupied by ejected tenants of the Sadar Bazar, where plague appears to be almost endemic. The necessity for more rat proof godowns here is emphasised.

## MUMPS.

49. Table showing comparative figures 1919 and 1918.

		1919.	1918.
Actual admissions	... ..	4,686	12,825
Ratio per 1,000 admissions	... ..	20.4	37.5

Small local epidemics occurred in many different stations in India.

## RELAPSING FEVER.

50. Comparative figures 1919 and 1918.

		1919.	1918.
Actual admissions	... ..	141	632
Ratio per 1,000 admissions	... ..	0.6	1.9
Actual deaths	... ..	11	69
Ratio per 1,000 deaths	... ..	0.05	0.20

There were no large outbreaks, the following stations providing the highest number of cases.

Dehra Dun 13, Meerut 12, Bareilly 9, and Ambala 7. At Bhim Tal there was a small outbreak in the Labour Corps Unit, whose recruits are drawn from the endemic area, *i.e.*, Garhwal and Kumaon districts. Here as in other cases the disease was immediately checked by vigorous preventive measures.

Cases occurring at other stations were sporadic, originating from recruits, or men returned from leave. It did not spread. The great value of salvarsan treatment is generally recognised.

## MEDITERRANEAN FEVER.

51. 16 admissions occurred from this disease, distributed as follows:—

Dehra Dun	...	...	...	...	11
Neemuch	...	...	...	...	4
Jullundur	...	...	...	...	1

## KALA AZAR.

52. There were 4 admissions and no deaths against 2 and 1, respectively, in 1918.

3 cases occurred at Abbottabad and 1 at Lansdowne.

## ORIENTAL SORE.

53. Admissions 378.

Stations giving the highest admission figures were:—

Dehra Dun 165 and Tank 108

## SCABIES.

54. Table showing comparative figures 1919 and 1918.

					1919.	1918.
Actual admissions	...	...	...	...	9,568	19,405
Ratio per 1,000 admissions	...	...	...	...	41.6	56.8

## GUINEAWORM.

55. Table showing comparative figures 1919 and 1918.

					1919.	1918.
Actual admissions	...	...	...	...	346	1,208
Ratio per 1,000 admissions	...	...	...	...	1.5	3.5
Actual deaths	...	...	...	...	<i>Nil</i>	2
Ratio per 1,000 deaths	...	...	...	...	0.0	0.005

## HOOKWORM.

56. There were 459 admissions and 19 deaths from this disease, giving ratios of 2.0 and 0.08, respectively.

It is probable that most of the cases were contracted on field service overseas.

## RINGWORM.

57. Under this heading 785 cases were returned giving a ratio of 3·4 per 1,000.

## SUICIDES.

58. There were 22 deaths under this heading in 1919, of which 13 occurred in hospital and 9 out of hospital. There were 4 suicides among British officers, all occurring out of hospital.

The following were the causes :—

Gunshot wounds 12 (including 4 British officers) suffocation from strangulation 6, opium poisoning 2, arsenic poisoning 1, suffocation from submersion 1.

## INVALIDING.

59. The number of troops invalided from the Indian Army was 4,999, giving a ratio of 21·8 per 1,000.

The principle causes of invaliding were venereal diseases 1,020, anæmia and debility 456, respiratory diseases 388, injuries 376, tubercle of lung 369, eye diseases 333, malaria 296, and circulatory diseases 244.

Venereal diseases unfortunately still head the list of causes for invaliding. It is probable that many of these cases were recruits who by reason of the disease were judged unlikely to become efficient soldiers. Of the total number invalided for tubercle of lung, 27 were Gurkhas. The invaliding rate from this cause being 1·4 among Gurkhas compared with 1·6 for the remaining Indian troops.

## BRITISH OFFICERS.

60. Table showing average strength, admissions, deaths and ratios for the years 1919 and 1918.

	1919.	1918.
Average annual strength	3,978	2,968
Actual admissions	3,888	4,167
Ratio per 1,000 admissions	977·4	1,050·2
Actual deaths	25	50
Ratio per 1,000 deaths	6·28	12·60

The principle causes of admissions were :—

Disease.	No.	Disease.	No.	Disease.	No.
Malaria	706	Diarrhœa	173	Diseases of nervous system.	117
Other digestive disease	369	Sandfly fever	131	Debility	107

Disease.	No.	Disease.	No.	Disease.	No.
Injuries ...	344	Nose diseases ...	131	Respiratory diseases.	107
Influenza ...	209	Diseases of the connective tissue.	128	Dysentery ...	106

The Deaths were due to:—

Disease.	No.	Disease.	No.	Disease.	No.
Injuries ...	6	Abscess of liver.	2	Circulatory diseases.	1
Enteric group ...	3	Enteric fever ...	1	Respiratory diseases.	1
Influenza ...	3	Diphtheria ..	1	Peritonitis ...	1
Pneumonia ...	3	Small-pox ...	1	Heat-stroke ...	1
		Mastoid abscess ...	1		

#### NEPALESE CONTINGENT.

61. The average strength of troops was 587 as compared with 8,441 in 1918. These troops remained in India for about 3 months during the year.

The following table gives the statistics for admissions, deaths, and constantly sick in the three stations where the troops were located, with corresponding figures for 1918.

Year.	Stations.	Average strength.	Admissions.	Deaths.	Constantly sick.
1919.	Kakul ...	244	398	2	11'55
	Hasanabdul ...	343	87	3	4'99
	Rurki ...	...	...	2	0'22
	All stations, Total	587	485	7	16'76
	Ratio per 1,000 ...	...	826'2	11'93	28'50
1918.	All stations, Total	8,441	5,137	56	253'03
	Ratio per 1,000 ...	...	608'6	6'63	3'00

Disease. (Actuals).						Admissions.	Deaths.
Cholera	...	...	...	...	...	4	2
Small-pox	...	...	...	...	...	1	1
Enteric fever	...	...	...	...	...	1	1
Malaria	...	...	...	...	...	39	0
Pyrenia of uncertain origin	...	...	...	...	...	8	0
Circulatory diseases	...	...	...	...	...	1	0
Tubercle of lungs	...	...	...	...	...	0	1
Pneumonia	...	...	...	...	...	6	2
Respiratory diseases	...	...	...	...	...	25	0
Diarrhœa	...	...	...	...	...	156	0
Anæmia & debility	...	...	...	...	...	41	0
Venereal diseases	...	...	...	...	...	12	0
Sandfly fever	...	...	...	...	...	1	0
Colitis	...	...	...	...	...	71	0
All other causes	...	...	...	...	...	119	0

The following are the admission ratios for the chief diseases :—

Diseases						Admission ratio per 1,000
Diarrhœa	...	...	...	...	...	265·8
Colitis	...	...	...	...	...	121·0
Anæmia & debility	...	...	...	...	...	69·8
Malaria	...	...	...	...	...	66·4
Respiratory diseases	...	...	...	...	...	42·6

#### IMPERIAL SERVICE TROOPS.

62. The average strength of Imperial Service Troops serving during the year was 1,071 compared with 2,119 in 1918. They were stationed in St. Thomas Mount, Karachi, Meerut, Ambala, Ali Masjid, Kakul, Dardoni, Aurangabad, Deolali, Bombay and Rurki.

The following table given the principal figures for the year :—

Average strength	...	...	...	...	1,071
Admissions	...	...	...	...	515
Admission rate per 1,000	...	...	...	...	480·9
Deaths	...	...	...	...	5
Death rate per 1,000	...	...	...	...	4·07
Average number constantly sick	...	...	...	...	22·66
Ratio per 1,000 constantly sick	...	...	...	...	21·20

The most prevalent diseases for 1919 among these troops were malaria 106, influenza 63, venereal diseases 49, diarrhoea 35, respiratory diseases 25, colitis 24 and sandfly fever 13.

The deaths were due to gunshot wounds 2, influenza 1, pneumonia 1, and tubercle of lungs 1.

*Actuals and ratios per 1,000 by stations.*

Station.	Strength.	Malaria.		Influenza.		Venereal diseases.		Diarrhoea.		Respiratory diseases.		Colitis.		Sand-fly fever.		All causes.	
		A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
Ali Masjid ...	92	69	...	...	...	...	...	...	...	3	...	3	...	...	...	...	88
		750.0	...	...	...	...	...	...	...	32.6	...	32.6	...	...	...	...	956.5
Kakul ...	46	1	...	...	...	6	...	...	...	...	...	5	...	...	...	...	38
		21.7	...	...	...	130.4	...	...	...	...	...	108.7	...	...	...	...	826.1
Ambala ...	145	9	...	...	...	2	...	6	...	2	...	2	...	13	...	...	57
		62.1	...	...	...	13.8	...	41.4	...	13.8	...	13.8	...	89.7	...	...	393.1
Meerut ...	147	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	17
		6.8	...	...	...	...	...	...	...	6.8	...	...	...	...	...	...	115.6
Dardoni ...	39	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	16
		25.6	...	...	...	25.6	...	25.6	...	...	...	...	...	...	...	...	410.3
Karachi ...	212	15	...	13	...	4	...	2	...	10	...	3	...	...	...	...	76
		70.8	...	61.3	...	18.9	...	9.4	...	47.2	...	14.2	...	...	...	...	358.5
Bombay ...	...	1	...	2	1	6	...	...	...	...	...	...	...	...	...	...	9
Deolali ...	7	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		142.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	285.7
Aurangabad ...	23	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	5
		...	...	...	...	43.5	...	...	...	...	...	...	...	...	...	...	217.4
St. Thomas Mt.	360	8	...	48	...	29	...	26	...	9	...	11	...	...	...	...	207
		22.2	...	133.3	...	80.6	...	72.2	...	25.0	...	30.6	...	...	...	...	575.0
Total ...	1,071	106	...	63	1	49	...	35	...	25	...	24	...	13	...	...	515
		99.0	...	58.8	0.93	45.8	...	32.7	...	23.3	...	22.4	...	12.1	...	...	480.9

## SECTION III.

# GENERAL POPULATION

### METEOROLOGICAL CONDITIONS DURING 1919.

63. *Rainfall.*—The following is a short summary of the memorandum written by the Director-General of Observatories :—

1. During the cold weather period (January and February) precipitation was heavy in January but mostly below normal and irregularly distributed in February. It was in defect in Burma, Assam, Sind, Bombay and Baluchistan.

2. During the hot weather period (March to May) thunderstorms were not so numerous as usual.

The total rainfall of the period was in excess in the Central Provinces and Hyderabad, slightly below normal in the North-West Frontier Province, Sind, Central India, Mysore and Madras, and in defect over the rest of the country.

3. The monsoon period (June to September). The Arabian Sea monsoon appeared in the Peninsula about the normal date, while the Bay current arrived in North East India about a week before the usual time. Both currents were fitful up to the middle of July. During the last half of this month there was abundant rain over most of the Peninsula and North-West India.

In August, the monsoon was above its average strength, but rainfall was concentrated in Northern and Central India at the expense of the Peninsula. In September the conditions were reversed, but a considerable decrease in the strength of the monsoon took place at a very much earlier date than usual.

The total monsoon rainfall of the year was 9 per cent in excess of the normal.

4. The retreating monsoon period (October to December). During October rainfall was deficient over the greater part of the country. In November and December, the monsoon was above its average strength.

The total rainfall of the period was in defect in Upper Burma, Bihar, the United Provinces, Baluchistan and Rajputana West, and nearly normal or in excess elsewhere.

Taking the year as a whole the total rainfall over the plains of India was 4" above the average. The only areas with a marked deficiency were the Bay Islands, Assam, Baluchistan and North Hyderabad.

Cloud, humidity and temperature. No marked variation from the normal occurred.

### AGRICULTURAL CONDITIONS.

64. The unfavourable character of the season at sowing time (retreating monsoon period, 1918) and the prevalence of influenza restricted the area sown for wheat and winter oil seeds.

The total area sown for wheat was 23,764,000 acres, and the estimated outturn 7,502,000 tons. The yield was 707 lbs. per acre.

The total area under rape and mustard was 4,833,000 acres, and under linseed 1,972,000 acres. The yield per acre being 351 lbs. for rape and mustard, and 260 lbs. for linseed.

The effect of the monsoon of 1919 on rice and sugarcane was as follows :—

The total area under rice was 81,548,000 acres against close on 76 million acres in 1918, and the outturn 35,746,000 tons against nearly 24 million tons in 1918. The yield per acre was 982 lbs. as compared with 703 lbs. in 1918 and 1,010 lbs. in 1917. The area under sugarcane was 2,667,000 acres, slightly less than in 1918, but the outturn was 3,001,000 tons against 2½ million tons in 1918. The yield per acre was 2,521 lbs. as compared with 1,856 lbs. in 1918, and 2,587 lbs. in 1917.

Owing to the marked preference shown by the *mus rattus* over certain parts of the country for juar and bajri the harvest of these crops is probably of importance in plague incidence. The following details regarding the 1918-19 crops are therefore of interest.

In the Bombay Presidency, there was a general reduction of area, failure of growth and scanty outturn owing to the deficiency in the monsoon of 1918 and the epidemic of influenza. The total area under juar was 7,665,678 acres, and under bajri 3,294,000 acres. The outturn was 1,083,555 tons and 256,559 tons, respectively. In Madras Presidency the shortage and irregularity of the monsoon rains in 1918 seriously affected the area under cultivation. The areas under juar and bajri were 5,069,408 and 3,029,636 acres, respectively. The outturn was estimated at 1,342,190 and 700,570 tons, respectively.

In the United Provinces, sowings were largely restricted to irrigated lands. The areas under juar and bajri were 1,852,273 and 2,986,512 acres and the outturn 198,000 and 293,000 tons, respectively.

In the Central Provinces, bajri is a crop of minor importance, only 126,151 acres being under cultivation in 1918-19. The juar crop suffered severely, and the outturn from an acreage of 4,651,702 only reached 654,245 tons.

#### BIRTHS AND DEATHS.

65. *Births.*—The births numbered 7,212,415, less by 1,218,145 than the number recorded in 1918. The heavy mortality among adults, especially females, caused by the influenza epidemic, is naturally followed by a decrease in the births. In Punjab alone was a slight increase shown over the previous year, but the number of births registered is markedly below the quinquennial mean. The birth rate fell to 30·24 from 35·35 in 1918, and 37·85 the quinquennial mean.

It will be remembered that in England before registration of births and deaths became compulsory, the registration of births was defective; the defect being estimated at about 5 per cent. Registration over the greater part of India is voluntary, and birth registration is undoubtedly in default, although it is impossible to estimate the proportion of unregistered births. Unfortunately, it is often in municipal towns, to which a compulsory Act applies, that birth registration is markedly at fault. Powers given under the Act are not enforced; that is, application is faulty not the Act itself.

The number of males born to every 100 females varied from 126 in North-West Frontier Province to 104 in Upper Burma. There is every reason to suspect that the registration of female births is more defective than that of male births.

It is very probable that only a small proportion of deaths escape registration, but medical certification of the cause of death is, except in the large cities, practically unknown. Even in Bombay city only 9·74 per cent of the deaths are medically certified.

*Deaths.*—The deaths numbered 8,554,178 or 1,341,763 in excess of the births. The total is naturally much below the figure recorded in 1918, but is higher than the average of 5 years (excluding 1918). The deaths exceeded the births in every province with the exception of Delhi, Punjab, North-West Frontier Province, and Ajmer Merwara.

The death rate was 35·87 per mille of population as compared with 30·10, the quinquennial mean (excluding 1918). The death rate in municipal towns (38·50) was once more higher than the death rate in districts exclusive of towns (35·65). Town dwelling will always be attended by greater risk to life and health until municipalities will, or can be persuaded by a central health authority to adopt a definite standard of sanitation.

In Bengal, Bihar and Orissa and Assam the rural death rates exceeded the urban.

The principal facts relating to births and deaths are given in the following table :—

Province.	BIRTHS.			TOTAL DEATHS.			RATIO OF DEATHS PER 1,000 OF POPULATION.			MEAN DEATH RATE DURING PREVIOUS FIVE YEARS.			
	Total number.	Ratio per 1,000 of population.	Mean ratio during previous five years.	In municipalities and towns.	In districts excluding towns.	Total.	In municipalities and towns.	In districts excluding towns.	Total.	In municipalities and towns.	In districts excluding towns.	Total.	
Delhi ... ..	19,085	45·80	...	10,026	6,875	17,501	46·37	36·10	42·00	...	...	...	
Bengal ... ..	1,248,392	27·5	31·3	98,151	1,512,069	1,611,111	33·8	36·4	36·2	24·5	31·7	31·2	
Bihar and Orissa ... ..	1,050,878	30·4	39·3	40,004	1,339,653	1,379,657	33·3	40·2	40·0	33·2	37·1	37·0	
Assam ... ..	184,733	80·52	31·68	4,150	98,674	393,133	37·31	50·35	50·09	29·44	31·86	31·46	
United Provinces of Agra and Oudh.	1,516,497	38·39	43·49	39,573	1,821,089	1,951,662	42·37	41·60	41·69	48·90	41·17	43·65	
Punjab ... ..	718,845	40·3	44·1	60,327	487,743	548,070	39·98	27·73	28·34	43·79	43·55	43·57	
North-West Frontier Province	58,411	28·6	32·2	6,861	51,441	58,302	31·87	27·80	28·56	35·13	35·93	36·0	
Central Provinces and Berar ... ..	477,353	34·31	46·90	56,093	548,627	601,720	43·90	43·17	43·24	49·71	50·30	50·24	
Madras Presidency ... ..	1,021,213	25·3	31·7	154,059	935,777	1,089,820	31·7	26·6	27·2	31·4	27·1	27·6	
Bombay ... ..	4,611	26·35	29·10	540	5,447	6,487	34·70	34·23	35·16	41·59	50·04	32·77	
Bombay Presidency	546,450	27·90	35·37	151,226	485,934	637,170	45·55	39·61	32·53	41·94	43·66	43·55	
Orissa	Lower ... ..	171,187	29·05	31·85	39,235	147,820	184,074	45·60	37·85	30·16	37·26	25·30	29·90
	Upper ... ..	121,485	31·91	39·58	17,170	104,217	121,387	52·99	30·68	32·62	49·51	28·77	31·30
Ajmer Merwara ... ..	15,063	30·04	36·78	Not available	Not available	14,375	Not available	Not available	28·67	Not available	Not available	63·52	
British India ... ..	7,212,412	30·24	37·85	786,33	7,773,469	8,554,178	38·30	35·65	35·97	38·13	36·67	36·84	

*Seasonal Mortality.*—January was the month of maximum mortality: the deaths recorded corresponded to an annual rate of 54·02 per mille. This high rate was due to a continuation of the influenza epidemic of 1918. The mortality then fell steadily till the minimum was reached in July. The sharp rise in November and December was caused by the prevalence of fevers and respiratory diseases.

*Age and Sex Mortality.*—Up to 15 years of age, and at all age periods above 30 the male mortality exceeded the female. Between the ages of 15 and 30, the female death rate was in excess of the male, and was certainly associated with the risks attending labour. The majority of women in labour are attended by untrained hereditary dais. Much has been done towards training these women in various parts of India; perhaps the best example is the Central Board appointed in the Punjab to lay down courses of training and to grant certificates after examination to dais and midwives. A great amount of spade work in educating public opinion will be necessary before it will be possible to apply generally an Act under which no uncertified dai will be permitted to practise.

The percentages of deaths under 1 year of age to registered births are given in the following table:—

INFANT MORTALITY.

Delhi Province	...	...	...	...	24·7
Delhi City	...	...	...	...	26·8
Bombay Presidency...	...	...	...	...	20·2
Bombay City	...	...	...	...	65·3
Bengal Presidency	...	...	...	...	22·8
Calcutta	...	...	...	...	35·8
Burma	...	...	...	...	21·7
Rangoon	...	...	...	...	...
North-West Frontier Province	...	...	...	...	17·6
Central Provinces	...	...	...	...	29·9
United Provinces	...	...	...	...	25·3
Punjab	...	...	...	...	17·7
Bihar and Orissa	...	...	...	...	21·5
Assam	...	...	...	...	24·0
Madras Presidency	...	...	...	...	19·3
Madras City	...	...	...	...	32·9

In the next report it may be possible to indicate for the major part of India the percentage of infants who die in the first month of life. The Sanitary Commissioner, Bengal, writes "Investigation has shown, for example, that 70 per cent of the infants who die do not live a month: and of these two-thirds die within a week of birth." This is a very startling figure, but it cannot be rejected as an exaggeration. In other parts of India, for instance, in the forest areas of Kanara,

where malaria is endemic and the stamina of parents is very low similarly high on even higher figures have been recorded. Figures for the rest of India so far as they are available are given in the following table:—

Province or District.	Percentage of infantile deaths occurring :—	
	under 1 week.	under 1 month.
Delhi City ... ..	22	35·8
Madras City ... ..	...	35·9
Nagpur City ... ..	...	49
North-West Frontier Province ... ..	...	42
Bombay City ... ..	...	27·4
Bombay Presidency ... ..	...	...
West Registration District ... ..	...	40·3
Central „ ... ..	...	40·4
South „ ... ..	...	41
Guzerat „ ... ..	...	34·7
Sind „ ... ..	...	41·1
Rawalpindi ... ..	28·4	52·7
Dacca ... ..	30·6	...
Calcutta ... ..	31	45
Moulmein ... ..	26	39·5

Incomplete as the figures are, they suggest a great and, to some extent, preventable loss of life in the first week and month of birth. A great number of these deaths are due, especially in the first week, to antenatal causes, but a point requiring further enquiry is the reputed death of infants from tetanus neonatorum. In Calcutta, the deaths of 353 of the 1,844 infants who died during the first week were attributed to this disease, while in the United Provinces it is held to be even more prevalent. Thus the percentage of deaths from tetanus to total infantile mortality in these provinces is 20·2; and in some towns and districts the percentage is over 50. These figures are probably overestimated, but it is clear that the prevalence of tetanus neonatorum deserves very close investigation and attention. The disease is undoubtedly due to the dirty, uncleanly habits of those attending the mother and child at birth, and can easily be prevented.

Perhaps the most urgent immediate demands are,—

(a) facilities for training dais and midwives

(b) steady improvement in general sanitation. The latter is of great importance, for a healthy home with healthy environment will improve the stamina of the mothers, which is so vital a factor in influencing the fate of the infant during the first month of life. It was attention to

general sanitation which made possible the reduction in infant mortality rate effected in Great Britain.

#### INFANT AND CHILD WELFARE WORK IN INDIA.

##### (a) *General.*

66. In the United Provinces, co-operative dairies at Benares, Allahabad and Lucknow continued their work. Progress is slow. The Government have retained the services of an expert dairyman, whose advice will be at the disposal of municipal boards desirous of establishing dairy farms. Six centres for the training of dais were started in Lucknow, Benares, Cawnpore, Allahabad, Fyzabad and Bareilly. Work has only started recently.

A scheme for the education and supervision of the indigenous dais, drawn up by a special committee, is under the consideration of the Government of Bengal.

In the Central Provinces, an effort is being made to secure the services of midwives or female assistant or sub-assistant surgeons to work in co-operation with and train the local dais.

In Burma, societies for promoting the welfare of mothers are working in Rangoon, Mandalay, Moulmein, Bassein, Bilin and Sandoway.

In training dais, maternity homes or lying-in-wards are urgently required.

##### (b) *Principal cities.*

*Calcutta.*—Four maternity and child welfare centres are at work. Each centre is under the charge of a lady health visitor, who is assisted by 4 midwives. During the year the midwives delivered 2,177 infants, among whom there were no deaths from tetanus neonotorum within 10 days of birth. Babies are kept under observation up to the age of 3 months : insufficient staff prevents a longer period of observation.

*Bombay.*—The 10 municipal nurses, who are all qualified midwives, attended 1,028 confinements. 58·5 per cent. of confinements were attended by unskilled women.

3 maternity homes with 50 beds in all are open : 1,207 women were admitted.

Two infant milk depots are attached to two of the maternity homes.

Two infant welfare centres were opened during the year.

*Madras.*—2 new centres were opened during the year, making 3 in all.

21·3 per cent of the confinements were attended by municipal midwives as compared with 11 per cent. in 1918.

The training of midwives in health visiting has been commenced.

A milk depot for the supply of free milk to infants has been opened.

*Rangoon.*—1,180 women were looked after by the Society for the Promotion of Infant welfare, who employ 9 midwives.

*Delhi.*—Two Babies Welcomes and Clinics have been opened, and two European and 2 Indian lady health visitors are employed. The former gave advice to 1,703 pregnant women and attended 562 confinements.

Two classes for dais are held. 49 dais are on the roll of one, and 20 on the other.

*Dacca.*—One nurse health visitor has been appointed.

*Rawalpindi.*—one lady health visitor is under training preliminary to appointment.

*Multan.*—A scheme for training dais has proved a failure and the centre has had to be closed.

*Amritsar.*—One lady health visitor has been at work since 1918. Proposals have been made for the employment of 2 more and the opening of welfare centres.

*Mandalay.*—The Infant Mortality Society employs 3 midwives who attended 316 confinements.

Interest in infant welfare is increasing, and the League for Maternity and Child Welfare started by Her Excellency Lady Chelmsford will stimulate its growth.

#### CHIEF CAUSES OF MORTALITY.

67. The number of deaths registered under each of the headings at present in use is given in the following table:—

Province.	CHOLERA.		SMALL-POX.		PLAQUE.		FEVERS.		DYSENTERY AND DIARRHŒA.		RESPIRATORY DISEASES.		ALL OTHER CAUSES.	
	Total deaths.	Ratio per 1,000.	Total deaths.	Ratio per 1,000.	Total deaths.	Ratio per 1,000.	Total deaths.	Ratio per 1,000.	Total deaths.	Ratio per 1,000.	Total deaths.	Ratio per 1,000.	Total deaths.	Ratio per 1,000.
Delhi ... ..	66	*16	73	*18	1	*002	10,574	25'38	492	1'18	4,753	11'41	1,542	3'70
Bengal ... ..	124,949	2'8	37,010	*8	434	*01	1,329,257	27'1	28,874	*6	22,117	*5	198,480	4'4
Bihar and Orissa ... ..	104,727	3'0	10,175	*3	16,601	*4	970,655	28'1	45,092	1'3	9,426	*2	222,981	6'4
Assam ... ..	32,980	5'01	1,432	*23	...	...	154,435	25'52	20,277	3'35	48,322	7'98	44,697	7'37
United Provinces of Agra and Oudh.	81,365	1'74	10,993	*23	17,240	*37	1,575,632	33'66	15,331	*33	25,768	*35	225,333	4'81
Punjab ... ..	8,561	*44	15,365	*79	11,068	*57	355,045	18'83	8,639	*45	37,813	1'96	101,579	5'26
North-West Frontier Province.	4,400	2'16	1,204	*59	3	*001	44,091	21'60	347	*17	1,235	*60	7,022	3'44
Central Provinces and Berar.	62,089	4'46	7,342	*53	9,219	*66	304,742	21'90	44,612	3'21	41,630	2'99	132,086	9'49
Madras Presidency ... ..	93,362	2'3	41,732	1'0	5,658	*1	493,499	10'1	74,074	1'9	48,084	1'2	422,620	10'6
Coorg ... ..	157	*90	519	3'08	...	...	4,350	24'85	972	1'55	44	*25	835	4'77
Bombay Presidency ... ..	51,551	2'63	6,232	*32	9,426	*49	274,759	14'03	38,317	1'06	98,633	5'04	158,052	8'07
Burma ... ..	9,327	1'83	1,411	*23	2,478	*41	27,076	12'78	11,704	1'93	7,633	1'25	72,455	12'04
{ Lower	3,933	1'06	2,566	*67	7,019	*52	42,112	11'32	3,057	*82	3,501	*94	64,359	17'29
{ Upper	5,394	1'53	1,845	*33	5,459	*41	24,964	14'06	8,647	2'35	4,132	*61	8,096	12'75
Ajmer Merwara ... ..	59	*12	73	*14	47	*09	11,054	22'05	465	*93	254	*36	2,393	4'78
British India { 1919 ... ..	578,426	2'43	136,977	*57	74,284	*31	5,468,181	22'93	291,643	1'22	350,133	1'47	1,655,434	6'94
{ 1918 ... ..	560,802	2'35	93,076	*39	440,752	1'85	11,134,441	48'69	276,648	1'16	430,635	1'81	1,969,147	8'22

#### CHOLERA.

68. 578,426 deaths were recorded, or 17,624 more than in 1918. The disease was more prevalent than usual in all provinces, and the death rate in all provinces was considerably in excess of the quinquennial mean.

The urban mortality was in excess of the rural in Bengal, Punjab, North-West Frontier Province, Coorg, Bombay and Burma. With greater attention to the quality of urban water supplies it is expected that cholera incidence in towns will diminish.

The percentage of villages infected varied from 2·18 in the Punjab to 19·71 in Madras.

Statistical details will be found in appendices to Section III J. and K.

*Bengal*—124,949 deaths were recorded against 82,379 in 1918, and 45,021 in 1917. Out of 116 municipalities, only one escaped visitation, and only 3 rural circles. 13·3 per cent of villages were infected. The Sanitary Commissioner, Bengal writes :—

“ The excessive cholera mortality shown in 1919, is largely the aftermath of the epidemic conditions that commenced in the cold weather of 1918. The October rainfall of 1918, on which the normal outturn of the winter crop depends, was much smaller than usual. The early cessation of the rains which occurred \* \* \* reduced the supply of water available during the succeeding months. The deficient rainfall and the short harvest also led to increased migration.”

The importance of migration in spreading cholera is evidenced by the association of the heavy incidence in certain places, notably Asansol and Noakhali with the movements of cooly labourers. Polluted water at halting places is largely responsible for these outbreaks.

An interesting example of the influence of a pilgrimage in spreading cholera is afforded by the outbreak among the pilgrims attending the Ganga Sagar Mela in January.

Cholera was widely spread in the areas from which the pilgrims were drawn, and their return was probably the cause of the enhanced mortality in these districts between the 11th and 25th January.

The Sanitary Commissioner details the results of a few investigations into the origin of cholera epidemics. In the majority of cases, the cause was the use of infected water. In one town, Bankura, the spread was by personal contact, and possibly by flies.

Increasing use is being made of permanganate of potash and chloride of lime for disinfecting wells and tanks. Dr. Bentley points out that organisation of the work is necessary, and that as a rule little is done till the epidemic is widespread.

Some use was made of anti-cholera vaccine, apparently with satisfactory results but no statistics are given. Dr. Bentley rightly emphasizes the fact that the use of cholera vaccine can in no way replace improvement and safe-guarding of water supplies and the introduction of proper methods for the disposal of excreta.

*Bihar and Orissa*—104,727 deaths were recorded against 205,584 in 1918. The death rate was 3 per mille, the same as the quinquennial mean.

42,217 of the deaths occurred in the Orissa division and the districts of Puri, Angul and Cuttack were severely infected.

In Puri town cholera prevailed throughout the year. It is one of the most important pilgrim centres in India, and is responsible for wide dissemination of cholera infection. During the year 310 deaths from cholera were reported. The ordinary vaccinating staff of the province was trained in the method of disinfecting wells and tanks.

Cholera vaccine was used mainly for the coolies recruited by the Tea Districts Labour Association : 134,606 were inoculated.

*Assam*—33,980 deaths were reported against 1,432 in 1918. The death rate was 5·61, as compared with a decennial mean of 2·56. Tea garden emigrants were responsible to some extent for the spread of infection. The outbreak in BARPETA circle in Kamrup district was investigated by the Civil Surgeon, who attributed the import of infection to certain Mohammadan settlers, and the spread to the pollution of surface wells.

In the tea estates the mortality was 7·73 against 1·82 in 1918. The increased prevalence is attributed to the importation of an unusually large number of famine stricken labourers.

*United Provinces.*—The deaths totalled 81,365, and the death rate was 1·74 against 1·27, the quinquennial mean.

A scheme for controlling cholera has now been in force for six years. The scheme comprises the disinfection of water supplies with permanganate of potash or bleaching powder. The main difficulty in connection with the scheme is to get the village officers to take prompt action.

An epidemic of cholera broke out in Hardwar, an important pilgrim centre, in April, and 123 deaths were reported. This epidemic is blamed for the introduction of infection into the Punjab.

*Punjab.*—8,561 deaths were recorded against 257 in 1918. For some unexplained reason cholera does not play such havoc in this province as in other parts of India. The epidemic was most serious in Attock district, in which 2,022 deaths were reported. It started in villages near the railway and infection was imported from Kohat and Thal by villagers who fled from the disease in those places. Kohat and Thal and also Peshawar were responsible for the introduction of infection into Rawalpindi district, and the infection was spread through a fair held at Kalian Awan and cattle market held at Rewat.

Hardwar, the pilgrim centre in the United Provinces, was responsible for the introduction of infection into most of the other places.

The lack of early intimation of the outbreak of the disease led to difficulty in dealing with the epidemics.

*North-West Frontier Province.*—The deaths totalled 4,400 against 1,204 in 1918. 3,822 of the deaths occurred in Kohat and Peshawar districts.

The Civil Surgeon inoculated 4,073 persons with cholera vaccine. Three of these died. No control figures are available.

*Central Provinces.*—The deaths numbered 62,089 against 7,342 in 1918.

The infection was apparently brought into the Jubbulpore district in March by coolies from the Rewah State. By May practically the whole province was infected.

The mortality from cholera was the heaviest recorded since 1900.

The Sanitary Commissioner of the province attributes the severity in 1919 to the scanty rainfall of 1918 and the prevailing famine conditions.

The plague and vaccination staffs were employed in giving medical aid to the sick.

*Madras Presidency.*—92,262 deaths were reported against 122,263 in 1918. The death rate was 2·3 as compared with 1·5, the quinquennial mean. In many districts the epidemic was a continuation of that in 1918.

Eight cholera parties were at work during the year in 7 districts. Their work comprises the disinfection of water supplies, the isolation of the sick, disinfection of infected houses and clothes, treatment of the sick and education of the public.

*Bombay Presidency.*—The total of 51,551 deaths is the worst record the Presidency has had in 20 years, with the exception of 1900 and 1912. Famine conditions and the scarcity of drinking water were responsible for the increased epidemicity.

In Bombay City, 8,420 deaths were recorded, and practically all in January and February. Many centres of anti-cholera vaccination were opened.

Owing to the failure of the 1918 monsoon an endeavour was made to anticipate the inevitable epidemic by instructing the Inspectors of Sanitation, Municipal Secretaries, Revenue Subordinates and others in the methods of disinfecting water supplies. No doubt some good was done, but an improvised staff, the members of which have other duties to perform, cannot be expected to work wonders. A permanent health organisation in each district is needed.

*Burma.*—This province with 13,260 deaths experienced the most formidable epidemic since 1915. Preventive work suffered from the lack of trained subordinates. A tentative scheme for a district organisation capable of expansion and improvements as circumstances permit has been put forward.

#### DYSENTERY AND DIARRHŒA.

69. 291,643 deaths were recorded against 276,648 in 1918. The death rate was 1·22 as compared with 1·11, the quinquennial mean. Particularly high death rates—3·35 and 3·21, respectively—were returned from Assam and the Central Provinces.

Taking India as a whole the urban death rate was 3·15 and the rural 1·05.

#### SMALL-POX.

70. 136,077 deaths were registered against 93,076 in 1918. The increased prevalence was largely due to severe epidemic in Madras, Bengal and the Punjab.

*Bengal.*—37,010 deaths were recorded against 8,576 in 1918. The death rate was ·8 per mille. Over one half the deaths, 120,318, occurred in the Rajshahi division.

Except in the Presidency division, in which 21 per cent of the deaths were in children under 10, the mortality was chiefly among adults. The high percentage of child mortality in the Presidency division was due to the heavy incidence of fatal small-pox among the children of Calcutta.

In the case of Dacca and Dinajpur towns the infection was taken from Calcutta and spread first among the sweeper community and then to the other inhabitants. Sweepers are notably averse to vaccination, and it is easy to understand how rapidly they may spread the infection of small-pox.

Progress was made with the introduction of free vaccination.

Licensed vaccinators in some districts refused to work owing to difficulty in realising their fees.

*United Provinces.*—Out of 10,943 deaths recorded 8,636 occurred among children under 10.

3,820 of the deaths were in towns with a population of over 10,000.

*Punjab.*—15,365 deaths were returned against 3,032 in 1918. The death rate was 0·79 per mille; about two-thirds of the deaths were among children under 10 years of age; it is possible that many deaths especially among adults are returned under other heads.

Lieutenant-Colonel Forster, the Sanitary Commissioner, has pointed out the chief factors by which the incidence of small-pox may be lowered, and action on some points has already been taken.

*North-West Frontier Province.*—Deaths numbered 1,204, and of these 990 occurred in children under 10 years of age. The epidemic was felt mostly in Peshawar district, where 706 deaths occurred.

*Madras.*—The severe epidemic of 1918 was continued during 1919, and 41,732 deaths were recorded. 7,000 towns and villages were infected. The results of vaccination in the province are very seriously defective, and this matter is engaging the attention of the local authorities.

*Bombay.*—Of the 6,232 deaths recorded, 4,235 were in children under 10.

Enquiry into the vaccinal condition of 822 cases of small-pox was made. Of these, 296 had been vaccinated and 6 died. The case mortality was 2·1 per cent.

Among the 532 unvaccinated there were 76 deaths. The case mortality among unvaccinated was 14·3 per cent.

The average age of vaccinated persons who were attacked was 16, and of unvaccinated 8. The average age of vaccinated persons in whom the disease was fatal was 13, and of unvaccinated 6.

#### PLAGUE.

7. India suffered very lightly from plague in 1919, only 74,284 deaths being recorded. How far this is due to unfavourable weather conditions time alone will show, but it would be very unsafe to conjecture that when weather conditions are favourable plague will not become severely epidemic again. The time to organise plague

measures is during periods of low epidemicity. The measure for eradicating human plague is improved housing conditions, but, this ideal cannot be reached for years. Pending the realisation of this ideal the incidence of plague will undoubtedly be influenced by :—

- (a) attention to the storing and movements of grain,
- (b) continuous rat destruction especially in towns and villages likely to carry over infection.

Both these measures aim at the root cause of bubonic plague, the incidence of rat plague. An experiment in erecting grain godowns is being carried out in Lucknow, and several municipalities have applied for plans of rat free godowns drawn up to the specifications of Major Norman White. But interest is spasmodic and localised. It is difficult to see how real advance is to be made unless the conditions under which grain may be stored and transported are laid down by legislation. A publicity campaign with a view to educating public opinion up to demanding this legislation should be consistently carried out. Public opinion will demand it when it is sufficiently understood that thereby plague incidence will be materially reduced and that the gain owing to the prevention of deprecation by rats will cover the cost of the necessary measure.

Rat destruction is only a temporary expedient, but it is important that so long as it is necessary it should be carried out efficiently and sufficiently. There is reason to believe that if rats equal in number to one and a half times the human population are destroyed every year the incidence of plague in that place will be materially influenced. Dr. Chitre, who for some years has been working on methods of rat destruction, has drawn up a note on the most efficient methods of poisoning and baiting and this note has been widely distributed and is in great demand.

The following table shows the number of rats caught in various towns in comparison with the human population :—

Town.	Rats destroyed.	Human population.	Number of rats at 1·5 per population.
Madras ... ..	161,194	...	...
Bombay ... ..	778,671	979,445	1,489,167
Satara ... ..	24,451	18,665	27,997
Dhulia ... ..	20,000	30,757	46,135
Malegaon ... ..	10,850	19,542	29,313
Bulsar ... ..	734	15,912	23,958
Rangoon ... ..	254,401	293,316	439,974
Delhi ... ..	102,170	225,471	338,206
Rawalpindi ... ..	23,951	46,642	69,953
Nagpur ... ..	41,004	134,008	201,212
Pyapon ... ..	10,058	7,066	10,599

Town.	Redestroyed.	Human population.	Number of rats at 1'5 per population.
Myingyan ... ..	9,889	16,379	24,568
Kyaiklat ... ..	8,790	8,438	12,657
Bassein ... ..	7,946	37,081	55,621
Moulmein ... ..	7,509	58,754	88,131
Myaungmya ... ..	6,867	6,561	9,841

The figures for Poona city are not available.

The above table does not represent the total rat destruction in the towns of India, but it shows that in very few towns is an adequate number of rats destroyed and this leads to criticism of the efficacy of the measure.

Inoculation is valuable in saving life and in preventing the infection of men, but it should be remembered that it can have no influence on rat plague. It is nowhere popular, but is perhaps gaining popularity in some of the towns.

The number of inoculations performed is given in the following table :—

Bihar and Orissa ... ..	5,095
United Provinces ... ..	26,461
Punjab ... ..	12,994
Central Provinces ... ..	48,571
Bombay ... ..	28,307
Burma ... ..	63,439
Calcutta ... ..	2
Bombay City ... ..	3,030
Total ... ..	<u>188,909</u>

The number of inoculations in each year is naturally influenced by the prevalence of plague.

*Punjab.*—The deaths numbered 12,683. The mortality was lower in both 1916 and 1917.

The case mortality was 71·2 per cent, the lowest yet recorded.

During the last 3 months of the year severe epidemics occurred in the cities of Rawalpindi and Multan, and acted as centres for the spread of infection.

The staff on plague duty during the first part of the year contained no medical officers, and 41 supervisors most of whom were qualified sanitary inspectors were employed. In August 20 assistant surgeons were recruited. In addition to plague work the staff did much useful work in treatment of cholera, malaria, influenza and small-pox patients.

*Central Provinces.*—9,219 deaths were reported. During the last half of the year the towns especially those in Nagpur district, and Jubbulpore city and Balaghat town suffered severely.

The efficacy of the rat campaign in Nagpur city has received criticism, but only 41,004 rats were destroyed. When the number exceeds 200,000 annually it will be time to talk about the value of this measure.

13 Travelling and Epidemic Dispensaries were employed. Sanction has been given to increase the number to 27.

*Madras.*—5,645 deaths were reported from 364 towns and villages.

*United Provinces.*—The deaths totalled 17,240. Out of the 26,461 inoculations 17,760 were done by the staffs of the travelling dispensaries. Four inoculated persons are said to have died of plague.

110 Travelling Dispensaries worked throughout the year, out of which 63 were provincial and 47 district board.

*Bombay.*—The number of deaths recorded, 9,626, is the lowest for 10 years, but was nearly approached in 1911 with 10,399 deaths.

The main force of the epidemic was felt in Dharwar, West Khandesh and Satara districts. In view of the extensive epidemics year after year in Satara district the continued immunity of Satara city is remarkable. In this city a thoroughly organised rat campaign has now been conducted for many years. It was by this campaign that the relative efficiency of the "Wonder" rat trap over the Rawalpindi pattern was first demonstrated.

*Burma.*—The deaths numbered 4,397. The mortality was chiefly felt in the first quarter of the year.

#### FEVERS.

72. 5,468,181 deaths were registered against 11,134,441 in 1918 and 4,555,221 in 1917. The fall in comparison with 1918 is due to the diminished incidence of influenza.

The death rate was 22.93 per mille as compared with a quinquennial mean of 23.36. The mean is raised by the exceptional figure of 1918.

*Influenza.*—To what extent the population suffered from influenza in 1919 is difficult to say. In Bengal the disease was widely prevalent during the first half of the year, but less so in the second half. The Sanitary Commissioner (Dr. Bentley) considers that some 200,000 people died. The incidence in the different districts was far from uniform, Burdwan and Birbhum districts were more severely infected.

In Calcutta, 3,363 deaths or 3.7 per mille were recorded. The Health Officer reports that probably many cases were registered under fevers and respiratory diseases. The 1918 epidemic appeared to subside by May. In July there was a sudden recrudescence and the maximum was reached in November. Among males the highest death rates were at all age periods over 40, while among female the

highest rate was at the age period 20-30. The organisation for medical relief was very complete and covered the whole city. There were 100 relief centres and 50 medical inspectors. Volunteer workers assisted.

In Bihar and Orissa, the 1918 epidemic continued until March. There was a recrudescence in September. 10,765 deaths were registered, but this is an underestimate. The Orissa division seems to have suffered most severely. In September a severe outbreak occurred in the Bhagalpur central jail, this epidemic was investigated by Major Morison and Captain Malone, whose report will be published separately. Vaccine was largely used.

In Assam the 1918 epidemic was active during the first part of the year. Subsequently there were local recrudescences of low infectivity and diminished virulence. The Sanitary Commissioner of the province gives a probable estimate of 43,972 deaths during the first quarter.

In the United Provinces, the epidemic consisted of isolated outbreaks of a mild type. Between August and December only 31 deaths were reported from the large towns, *viz.*, 10 in Benares, 9 in Allahabad, 5 in Naini Tal, 3 in Cawnpore, and 2 each in Lucknow and Dehra Dun.

The epidemic of 1918 continued during the first part of the year. A rough estimate of the influenza mortality as represented by the excess in the deaths during 1919 over the mean comes to 411,750. This figure must be accepted with caution. There appears to have been a severe outbreak in Almora district in September: this is of interest owing to the fact that this district suffered lightly in 1918.

In the Punjab, influenza did not assume serious proportions, but the mortality from fevers and respiratory diseases was in excess of the mean prior to 1918.

Influenza broke out in November in Kulu, with no mortality. An outbreak occurred in the Labour Corps in Lahore cantonment in October. 267 deaths were reported. The civil station and city of Lahore were uninfected. There was a local outbreak in 4 villages in Muzaffargarh district causing 199 cases with 70 deaths. It is reported that most of the victims had suffered in 1918.

In the North-West Frontier Province there was no serious recrudescence: 142 deaths were reported and 98 of these were in Kohat.

In the Central Provinces, the epidemic of 1918 continued up to March, when there was a respite for 5 months. Localised outbreaks of a mild type commenced in August, but showed no tendency to spread.

In Madras city, the third epidemic started in July, reached its maximum in August, and practically subsided by the end of September. 1,303 deaths from influenza were registered.

In the Bombay Presidency, there were several isolated outbreaks of a mild type. Two outbreaks were fairly serious, one in a village of Nasik district in which the epidemic broke out in August and caused 185 cases with 57 deaths, and one in the Naspada Lunatic Asylum with 52 cases and 7 deaths.

In Karachi city there were 984 deaths in the year. It is interesting to note that an epidemic of encephalitis lethargica broke out in November in Karachi. Captains Maitra and Malone investigated the outbreak, but could throw no light on the etiology. No evidence of contagiousness was found.

A small epidemic of the same disease consisting of 12 cases with 5 deaths was reported in December from Amritsar. A close investigation was made and no connection with the Karachi outbreak was traceable. No association with influenza was discovered and no evidence of contagiousness could be found. It was found impossible to reproduce the disease in rabbits and guinea pigs.

In Bombay city 1,942 deaths from influenza were reported. The disease was prevalent throughout the year, and epidemic especially during May and June, when 904 deaths occurred. There was a tendency to increased prevalence during November and December.

In Delhi city only a few mild cases occurred during the 3rd quarter of the year.

In Burma the epidemic of 1918 constituted during the first quarter, and there was a recrudescence without attaining serious proportions between June and August.

An epidemic broke out among the Turkish Prisoners in Meiktila in November. The camp was divided into 3 sections separated only by barbed wire. Only 1 section was infected. In this section there were 2,300 prisoners the cases number 501 and the deaths 32.

In Rangoon influenza was epidemic throughout the year and caused 3,336 deaths. The mortality was highest in July, but nearly equally severe in January, February and March.

The laboratories in India prepared large quantities of influenza vaccine in case of demand. In all parts of India preparations were made to deal with sick on a large scale but fortunately the arrangements were not tested fully.

*Malaria.*—There is no method by which the deaths from malaria can be accurately ascertained; it is usual to assume that 25 per cent of the deaths from fevers are attributable to malaria and there is some statistical evidence for this estimate. On this basis over one and one quarter million people would have died from malaria in 1919. This figure is however vitiated by the unknown mortality from influenza, and the majority of the deaths from this disease are included under "fevers". The amount of sickness from malaria which the mortality figures represent, is impossible to estimate, but it is known that about 6 millions, a very small percentage of the actually sick annually attend the hospitals and dispensaries in British India for treatment for malaria. Owing to the world shortage of quinine and the consequent high price there is not sufficient quinine available to treat or to supply quinine to all who are in need of it. This question is under the close consideration of the Government of India and it is hoped that in the near future the situation may be relieved by extended cinchona cultivation.

*Bengal.*—The fever mortality was 1,229,257, a figure slightly below that in 1918, but 346,489 in excess of that in 1917. The excess is largely attributable to influenza.

The four anti-malarial projects for Meenglas, Singaram-Topose, Jangip, and Banka valley, respectively, came into operation during the autumn of 1919. The results are inconclusive but promising. More definite results are expected in 1920.

Constructive work was commenced during the year on two new schemes with the object of resuscitating the Nawi-Sunthi and Jabuna Rivers which at present are prolific breeding grounds for anopheles. The neighbouring *bills* are being connected with the river by channels provided with sluices and regulators.

The special malaria department surveyed 276 villages, 24 municipal towns, 4 collieries and 1 tea garden.

9,006 lbs. of quinine were sold by the post offices in the form of "treatments", and in addition 1,190 lbs. in tablet form were issued by the Government of Bengal for free distribution among the poor.

*Bihar and Orissa.*—The death rate from fevers was 28.1 as compared with 24.4 the quinquennial mean. The increase is attributed to influenza.

The anti-malarial operations in Kahhar and Kishanganj were continued during the year but the lack of a trained supervising officer hampered the operations. 736 lbs. of quinine were sold during the year; the fall in the sales is considered to be due to the enhanced price of quinine.

*Assam.*—The fever death rate was 25.52 per mille as compared with 15.92 the decennial mean. The increase during the first four months of the year was due to influenza but it is generally held that the excess during the remaining portion of the year was caused by malaria. The deficient rainfall caused puddles back waters and eddies where running water should have existed and thus multiplied the breeding grounds for anopheles mosquitoes. The anti-malarial measures at Parighat are incomplete but promising. At Lumding the anti-malarial operations are under the control of the Assam-Bengal Railway and are expected to have material results in the near future.

*United Provinces.*—The death rate, 33.66, has only twice been exceeded in past 39 years; in 1908 and 1918. Very little progress was made with anti-malarial operations owing to difficulties in connection with personnel.

2,520 three-rupee packets and 371 five-rupee packets representing 218 lbs. of quinine were sold; 300 lbs. of quinine were issued to the travelling dispensaries and 171 lbs. of residual alkaloids to the *jas* for prophylactic purposes. The police department received 146 lbs. of residual alkaloids and 4 lbs. of quinine. 325 lbs. of these alkaloids were also distributed freely among the rural population. 230 lbs. of quinine were distributed freely by the village headmen in the Naini Tal district.

*Punjab.*—1919 was not a malaria year in the Punjab. The total mortality from fevers was 365,045 as compared with 350,000 the average of the previous 50 years. The death rate was 18.8 per mille.

*Central Provinces.*—The death rate from fevers was 21.90. Anti-malarial operations were hampered by lack of funds. In the Nagpur civil station a *nulla* is being paved and drained and other *nullas* in the municipal area are being improved. Measures are being taken at Pachmarhi and consideration is being given to improving a *nulla* and to training the margins of the *lak*.

Rs. 31,382 were realised by the sale of quinine by licensed and other vendors. In 1915 the sum was Rs. 14,247. Tablets of quinine are manufactured and issued by the central jail, Nagpur. Owing to the lack of quinine the factory was closed for a portion of April and May. 1,738 lbs. of quinine were prepared in tablet form or powders of 10 grains each. The high price of quinine militated against its general use.

*Madras.*—The lack of trained workers hampered anti-malarial operations, and it was only in Madras city, Ennore and in the Chingleput district that operations were undertaken on a large scale with satisfactory results. Itinerating dispensaries were at work in the Nellore and Kunrool districts.

*Bombay.*—The number of deaths from fevers recorded was 274,759. This figure is slightly above the decennial average but was exceeded in 1912 and 1917.

2,827 lbs. of quinine were sold and distributed free through District Local Boards, Municipalities and Port Officers. 14,56,300 quinine pills were distributed free in Kanara and Sind through the agency of village officers and schoolmasters.

*Burma.*—There is no evidence that malaria was especially prevalent in 1919. The fever mortality exceeded the average of 10 years by 39,801 deaths but this increase is readily accounted for by influenza.

Tablets of cinchona febrifuge were manufactured at the Rangoon central jail and 2,986 lbs. utilised for this purpose.

*Calcutta City.*—Malaria deaths numbered 1,187 or 1·3 per mille. It was most prevalent in the last quarter of the year and in the suburbs of the city 24 gangs, each consisting of a sub-inspector and 3 coolies, worked during the year.

*Bombay City.*—From malaria 262 deaths were recorded and from ague and remittant fever 5,071 deaths. Both figures are in excess and over the average.

Just over 6 lbs. of quinine were distributed free from house to house in tablet form and about 100 lbs. to the dispensaries and infectious diseases hospital. Work in filling in wells streams, ponds, quarry holes and low-lying land continued.

*Madras City.*—Anti-malarial work consisted in cleaning tanks and ponds, petrolising water in pits, cesspools and ponds, clearing rank vegetation and the introduction of fish into wells. The surface drainage of the swampy tract in Purasawakkam and Perambur was completed as was the reclamation of the moat within the Central Salt Depot ; 34 Smaller reclamation works were undertaken.

*Rangoon.*—261 deaths were recorded against 392 in 1918. The death rate was '89 per mille.

18½ acres of land were reclaimed.

*Relapsing Fever.*—The information is very incomplete but a certain amount is available from the United Provinces ; Punjab and Central Provinces. During the first half of the year it was prevalent in Meerut, Bijnor and Garhwal districts of the United Provinces and during the 2nd half of the year in the Bulandshahr and Naini Tal districts. Sporadic cases were reported from 7 other districts.

In the Punjab an epidemic broke out in the Karnal district in March. 1,232 cases and 359 deaths were reported. The disease was also reported from Rohtak, Ambala and Simla districts. Evidence is available that the infection was carried to the Simla district by a mochi from Karnal. Some epidemics were at first mistaken by the village officials for influenza.

In the Central Provinces relapsing fever broke out in Seoni district in December and was at first mistaken for influenza and malaria. A few cases also occurred in Nagpur.

Difficulty in controlling this disease is experienced from the lack of property equipped disinfecting stations.

Bombay city, 152 deaths were recorded against 9 in 1918. A virulent type of the disease prevailed in September among cobblers and shoe-makers who live and work in overcrowded rooms.

*Typhus fever.*—Two suspected cases were admitted into hospital at Naini Tal. There have been epidemics of typhus fever in the past and one epidemic in a military unit stationed in the Punjab was investigated during the war. There is no evidence as yet of its prevalence among the civil population, but in view of what has happened in Poland and elsewhere, the possibility of the introduction of infection must be regarded with close concern.

*Enteric fever.*—Information as to the prevalence of this disease outside the main cities is naturally very meagre. In the Punjab 35 cases were notified from Simla. The cases were scattered and no common factor in causation was discovered. 29 cases occurred during March, April and May in the Criminal Tribes Settlement in Gurdaspur district.

In Assam enteric fever is said to be endemic in the Khasi Hills. In August and September 33 cases (25 among Indians) were reported in Shillong. The infective agent was suspected to be milk supplied from a village just outside the municipal boundary.

In the Bombay Presidency 2,749 deaths were recorded. High death rates were returned from Shikarpur in Sind, Poona city, Gokak and Hubli.

*Bombay City.*—131 deaths were registered, being 13 less than the average.

*Calcutta.*—400 deaths were registered, equivalent to a death rate of 0·44 per mille. In 1917 the deaths numbered 209.

*Madras.*—52 deaths were registered against 45 in 1918. The death rate was 1 per mille.

*Rangoon.*—15 deaths were recorded against 23 in 1918. Only 4 were notified by private medical practitioners.

*Measles.*—In subsequent years it is expected that more information about this disease will be available. It accounts for considerable mortality in some parts of India. In the Bombay Presidency 6,279 deaths were registered. The urban and rural death rates were 1·01 and 0·19, respectively. 12 towns returned rates of over 2 per mille.

In the Central Provinces, 3,759 deaths were recorded but deaths from chicken-pox are included this total.

In the United Provinces 22,820 deaths were recorded, more than double the figure for 1918.

*Calcutta.*—The number of deaths was 122 or 0·13 per mille. The epidemic lasted from February to May. Over 75 per cent of the mortality was in children under 5 years of age. Females suffered more severely than males and Hindus than Mohamedans.

*Bombay.*—561 deaths were recorded against 486 in 1918 and a decennial average of 273. The mortality was highest in March, April and May.

*Madras.*—Measles accounted for 108 deaths, equivalent to 0·2 per mille of population. This is slightly below the average.

*Kala-azar.*—In Bengal a special enquiry was conducted in Mymensingh and Dacca districts with a view to testing the belief that this disease is more common than is generally supposed. The enquiry has revealed a high percentage of infected villages and will be extended to other districts in Eastern Bengal. In Assam 1,667 deaths were recorded as compared with 2,003 in 1918. The campaign against this disease is being energetically pushed and consists in segregation of the sick with treatment and removal of the village from an infected site.

The whole question of the eradication of kala-azar is receiving close attention: it is expected that a Commission to conduct an organised research will be appointed when the existing shortage in personnel has been overcome. Useful research under the Indian Research Fund Association is now being conducted.

*Bombay City.*—Only 4 deaths were registered including one in a War hospital. Kala-azar is unknown elsewhere in the Presidency.

*Madras City.*—41 deaths were registered against 19 and 23 in 1918 and 1917, respectively.

#### RESPIRATORY DISEASES.

73,350,133 deaths were returned under this head against 430,933 in 1918. The death rate was 1·47. An attempt will be made in subsequent years to subdivide this head but until registration is very greatly improved the figures can be only approximate. These diseases are of increasing importance in towns owing to the development of the dust and smoke nuisances. In 1919 a portion of the mortality was undoubtedly associated with influenza.

*Bengal.*—The deaths numbered 22,117 and were mainly in towns. The urban death rate was 5·8 per mille and the rural 0·1 per mille. The low mortality in rural areas may possibly be associated with ignorance on the part of the reporting agencies. Apart from Calcutta 3 towns returned very high death rates, *viz.*, Maniktala 11·5; Howrah 11·3; and Jalpaiguri 9·3. In the last town the mortality from respiratory diseases represented 31 per cent of the total deaths.

*United Provinces.*—The deaths numbered 25,768 as compared with 32,010 in 1918 and 28,926 in 1917. The urban death rate was 5·08 and the rural 0·2 per mille. Six towns returned death rates of over 10 per mille, *viz.*, Roth 18·98, Kanel, 18·51 Mahoba 17·70, Lucknow 13·60, Kalpi 12·96 and Cawnpore 10·39.

*Punjab.*—37,813 deaths were recorded, the urban death rate was 5·32 and the

rural 1·62. Both figures show a decrease from those recorded in 1918 and the quinquennial means.

*Central Provinces.*—The deaths totalled 41,630. The figures for 1917 and 1918, respectively, were higher. The urban death rate was 5·07 and the rural 2·78 per mille.

*Madras.*—The deaths numbered 48,984 and the death rate was 1·2 per mille. The death rate in 145 rural towns was 1·0 and in urban towns 3·7 per mille. Only 10,926 out of 42,052 towns and villages returned deaths under this head.

*Bombay.*—98,633 deaths were recorded, a figure greatly in excess of that for any year since 1908, with the exception of 1918. The death rate for urban areas was 14·02 and the rural 3·29. Death rates of over 10 were recorded in ten towns and cantonments, *viz.*, Poona city (22·4), Ahmedabad (19·74), Kaira (19·6), Broach (15·87) Kirkee cantonment (15·29), Jambusar (13·57), Ahmednagar cantonment (13·03), Surat (12·23), Matari (11·10) and Sibwan (10·10). Of the total deaths from respiratory diseases 23,369 were attributed to pneumonia. It is very probable that the rise in the deaths from respiratory diseases was associated with influenza.

*Calcutta.*—The number of deaths was 8,236 or 9·2 per mille of population. In 1918 the mortality was 6,914. The increase took place in the acute forms of respiratory diseases, especially broncho-pneumonia. The incidence of these diseases is specially heavy in suburban wards where many impoverished persons live in damp huts. The death rate in Kidderpore ward was 25·9 per mille, in this ward influenza was prevalent. The death rate among females was 11·7 and among males 7·9.

*Bombay City.*—24,055 deaths were registered as compared with an average of 12,081. Over 30 per cent of the deaths during the year were registered under this heading.

*Madras City.*—3,839 deaths were registered equivalent to a death rate of 7·4 per mille against 10·6 in 1918 and a mean of 6·7.

*Rangoon.*—1,932 deaths were registered. The death rate was 6·59 per mille against a mean of 5·23.

*Pulmonary Tuberculosis.*—Information regarding the prevalence of this disease outside the great cities is very meagre. In the Central Provinces 1,439 patients were treated in the hospitals and dispensaries. A sanatorium established by a missionary society in Pendra is doing useful work.

In the Bombay Presidency 18,207 deaths were recorded equivalent to a death rate of 0·9 per mille. In 1918 the deaths numbered 12,907. The urban death rate in 1919 was 2·42 and the rural 1·64. The infection of the districts serving as a recruiting centre for the Bombay labour market has been noted now for some years.

In Burma, Rangoon recorded 816, Bassein 79 and Mandalay 178 deaths.

*Calcutta.*—1,826 deaths were recorded or 2·1 per mille. 42 cases of abdominal tuberculosis and 21 of other organs were registered in addition.

During the year pulmonary tuberculosis was widely distributed over the city. The death rate among females was 3·2 and for males 1·6 per mille. Taking young adult 4 females died to every male.

*Bombay City.*—2,780 deaths were recorded including 231 deaths in war hospitals. There has been a marked increase year by year since 1915 but this not be taken necessarily to mean an increased prevalence. Improved methods of diagnosis may have had some influence. The death rate was 2·83 against a mean of 2·06. The provision of a hospital of 25 or more beds for these cases has been sanctioned. The King George V Anti-Tuberculosis League carried on work in close co-operation with the health department. Two dispensaries have been working and treated during the year 1,350 patients. 57 patients were admitted to the Sanitorium at Parel.

*Madras City.*—Pulmonary tuberculosis is not differentiated from tuberculosis generally. There were registered 1,309 deaths from tuberculosis or 179 less than 1918. The death rate was 2·5 per mille.

*Rangoon.*—816 deaths were registered as due to pulmonary tuberculosis and 105 from other forms of tuberculosis. The death rate was 3·14.

#### ANKYLOSTOMIASIS.

74. As the investigation into the incidence of this disease in Bengal revealed a widespread prevalence, three officers with staffs were appointed during the year. It has been found that among boot wearers and in areas well provided with latrines the percentage of infected persons is comparatively low. Centres for diagnosis and treatment have been established, and efforts to introduce simple sanitary conveniences are being made.

In the United Provinces an enquiry into its prevalence has revealed that the disease is widespread. Arrangements for treatment are being made.

In the Central Provinces an examination of the prisoners has revealed a high incidence of infection and the treatment of infected prisoners is carried out as a routine measure.

In Burma by an examination of the prisoners in 14 jails it has been found that the most infected districts appear to be Akyab, Meiktila, Southern Shan States, Myingyan, Mandalay, Pakokku, Bassien, Henzada and Sagaing.

The cases in jails treated with chenopodium oil yielded on an average 21 worms apiece, against an average of 17 for treatment with thymol.

An inquiry into the treatment of ankylostomiasis is being conducted by the Indian Research Fund Association.

#### BERI-BERI.

75. This disease presents a serious problem in Burma. During the year several cases, proving one fatal, were reported among under-trial prisoners in the lock-up at Mawlink. In permanent lodging camps and among villages in the Kalan valley and among well-to-do Government servants in several parts of the district cases occurred. The worst outbreaks are said to occur after the rains in the cold weather

In Akyab town 24 deaths were reported : in Tavoy town 168 cases were treated in the hospital and the cases were chiefly among Hindus employed in the mines. In Mergui district the disease is common among Hindus employed in the tin mines rubber estates and fishing camps.

In Rangoon 113 deaths were reported.

The whole question of food deficiency diseases has been the subject of an enquiry conducted under the auspices of the Indian Research Fund Association.

#### CUTANEOUS ANTHRAX.

76. Four isolated fatal cases from cutaneous anthrax due to the use of infected shaving brushes were reported during the year. It is suspected that the brushes were of Japanese manufacture. A memorandum was published on methods of disinfecting shaving brushes and samples of cheap brushes purchased in the open market were examined at the Bombay Bacteriological Laboratory. Steps to prevent the importation of infected brushes have been taken. An enquiry into the prevalence of cutaneous anthrax among wool workers revealed the fact that this disease is apparently rare. The explanation appears to lie in the absence or rarity of anthrax among sheep in the districts from which wool is imported. From the reports of Veterinary officers it appears that in British India anthrax among sheep is limited to Baluchistan, Upper Sind and parts of Assam. Bovine anthrax on the contrary is fairly common all over India, but there is little evidence of cutaneous anthrax among those working on or dealing in hides.

#### LEPROSY.

77. The exact prevalence of leprosy is difficult to ascertain. Theoretically it should increase owing to the attendance of lepers at the main pilgrim centres and their aggregation in the large cities for begging.

Suggestions for the amendment of the Lepers Act to permit the isolation of all mendicant lepers in all stages of the disease have been made. The case of lepers is mainly in the hands of the Mission to Lepers and the previous provincial Governments give grants-in-aid of their maintenance.

#### DEATHS FROM SNAKE-BITE AND WILD ANIMALS.

78. 24,261 persons died from the bite of snakes or from wounds inflicted by wild animals. The details for different provinces are given in the following table :—

Bengal	...	...	...	...	...	4,601
Bihar and Orissa	...	...	...	...	...	6,537
Assam	...	...	...	...	...	213
United Provinces	...	...	...	...	...	5,353
Punjab	...	...	...	...	...	802
North-West Frontier Province	...	...	...	...	...	15
Central Province	...	...	...	...	...	1,510
Madras	...	...	...	...	...	2,189
Bombay	..	...	...	...	...	1,243
Burma	...	...	...	..	...	1,699

The majority of these deaths were due to snake bite. In the Punjab 736 deaths were caused by snakes and 66 by wild animals, in Bombay Presidency 1,191 by snakes and 52 by wild animals.

#### RABIES.

79. 1,833 deaths from rabies were reported. In Bengal there were 179 deaths against 119 in 1918 and 71 in 1917. In Bihar and Orissa the deaths numbered 523. A Pasteur Institute more conveniently situated for these two provinces than is Shillong, seems indicated.

In the United Provinces there were 301 deaths against 227 in 1918. The Punjab reported 142 deaths: 1,810 persons, all Indians, were sent to Kasauli for treatment, 8 died with 6 failures. In the North-West Frontier Province there were 5 deaths. 180 persons died in the Central Provinces and 419 were sent to Kasauli for treatment, 10 of these died.

Madras Presidency recorded 62 deaths against 74 in 1918: Bombay Presidency 261 against 238 in 1918 and Burma 180 deaths.

#### SANITARY ARRANGEMENTS AT FAIRS AND FESTIVALS.

80. In Bengal most of the fairs and festivals passed off without incident but, with cholera widely prevalent in the province it was natural that some cases should have occurred among pilgrims. The outbreak of cholera during the Ganga Sugar Mela has already been noticed. At Tarkeswar in the Hoogly district during the Shivagajan Mela in April there were 14 attacks of cholera with 11 deaths among 25,000 pilgrims. One death from cholera was reported at the Mahanomi festival held at Chittagong in April among 7,000 pilgrims.

In Assam the only pilgrimage of importance is the Sidheswari Mela in the district of Cachar. Arrangements for the provision of temporary sanitary conveniences were made and no case of epidemic disease was reported.

In Bihar and Orissa very much more requires to be done to make the sanitary control of the important pilgrim centres of Puri, Gaya and Deoghar really effective. The difficulty is financial.

In the United Provinces the sanitary arrangements at the Maghmela and the Maha Barni fair at Allahabad, the Maha Barni and the Dlikhanti fairs at Hardwar, the Ram Nomi and the Sawan Jhula fairs at Ajodhya, the Tigri fair in the Moradabad district, the Garhmuktesur fair in the Meerut district, the Dadari fair in the Ballia district and the Shakhumbar fair in the Saharanpur district were under the personal supervision of Deputy Sanitary Commissioners. At the Allahabad fairs 4 imported cases of cholera were reported. The Dekhanti fair at Hardwar was responsible for the importation of cholera into the Punjab. During the fair 35 cases were discovered. 19 cases of cholera with 10 deaths were found among the pilgrims at Sawan Jhula fair at Ajodhya.

In the Central Provinces the Siharpethi fair in Balaghat district and the Singaji fair in the Nimar district were not held owing to the scarcity of water and the prevalence of cholera. From the other fairs held during the year no epidemic disease was reported.

In the Bombay Presidency the sanitary arrangements at the important pilgrim centres are under the supervision of Deputy Sanitary Commissioners. 4 villages were infected with cholera by returning pilgrims. Cholera broke out among the pilgrims attending one of the palkis *en route* to Pandharpur but an epidemic at Pandharpur was averted.

#### UNSOUND AND ADULTERATED FOOD.

81. Action under the provincial Acts dealing with adulteration of food cannot have a wide application until there has been an extension of public health laboratories. A central laboratory has been established or the establishment is under consideration in each province. A public analyst either has or will be appointed for each province, but it is clear that until each local authority establishes or groups of local authorities combine to form a public health laboratory with a public analyst, very little can be done outside the immediate radius of action of each central laboratory. The Bengal public health laboratory, the extension of which with the appointment of a public analyst is now under consideration, was mainly concerned with the analyses of water sewage effluents and disinfectants. 266 samples of foods and 20 samples of drugs were examined. The food samples were mostly of mustard oil. The laboratory is used for the training of candidates for the Diploma in Public Health.

In Bihar and Orissa the public health laboratory examined 513 samples of food consisting mainly of flour, ghee and milk. A very high percentage of adulteration was discovered. A large number of municipalities have expressed a desire to have the provision of the food adulteration Act applied to their respective jurisdictions.

The Public Health Laboratory in Assam was mainly concerned with the examination of waters and calf vaccine lymphs. A few samples of mustard oil, ghee and milk were examined. In Bengal it was discovered that mustard oil was occasionally adulterated with an oil containing prussic acid. The resulting prosecutions tended to drive this dangerous mustard oil into Assam and Bihar and Orissa and the public health staffs in these provinces have been on the watch for it.

In the United Provinces the provisions of the adulteration Act were applied to 16 municipal towns. 360 samples consisting mainly of milk and ghee were analysed, and about 31 per cent were found to be adulterated. Ninety persons were prosecuted under this act, and 71 convictions were obtained.

In the Bombay Presidency two laboratories have been established, one at Poona and one at Karachi, which will develop into branch Public Health Laboratories in connection with a Central Laboratory situated in the Bombay Bacteriological Laboratory. The establishment of a third Laboratory at Ahmedabad is under consideration. At present these laboratories are occupied mainly in the analysis of water and sewage effluents.

*Calcutta.*—The special food inspector, appointed after the passage of the Municipal Amendment Act, 1917, controlled 173 shops and godowns. 77 per cent of the samples of ghee examined were found to be adulterated. The 8 ordinary food inspectors sent 3,551 samples of food stuffs for analysis. Ghee, milk and mustard oil were found to be commonly adulterated. The adulteration of mustard oil with pakra seed containing traces of hydrocyanic acid caused illness among consumers. This serious emergency was successfully met by the measures adopted.

*Bombay City.*—828 food samples were examined in the Municipal Laboratory : of these 733 were of milk and 507 samples proved to be adulterated. Legal proceedings were taken in 454 cases with convictions in 386 instances.

*Madras City.*—The construction of a laboratory for the examination of foods was begun towards the close of the year.

*Rangoon.*—During the year 50 samples were examined under the Ghee Act : 36 were found to be adulterated, 29 prosecutions were instituted, and 27 convictions were obtained.

#### SCHOOL SANITATION.

82. In Bengal the Sanitary Commissioner of the Presidency advised the Education Department with regard to plans for school buildings, hostels and the sanitary arrangements of schools. He also examined and advised on Hygiene text books and designed posters and leaflets for use in schools. Proposals for the appointment of a special officer with a staff under him to deal with this important branch of public health have been made.

In Bihar and Orissa proposals for the medical inspection of schools have been put forward.

In the Central Provinces the schools were inspected by the Assistant and Sub-Assistant Surgeons in charge of the Dispensary towns and it is stated that the conditions have been improved thereby, especially by the discovery of cases of contagious diseases and of unvaccinated children.

In Burma 41 schools were inspected during the year.

The provision of school medical inspection throughout British India as a whole has been delayed by the demands of the war on medical personnel.

#### SANITATION OF THE MAIN PORTS.

83. There are at present no port sanitary authorities but the matter is under consideration. The sanitation of the land area is under the control of the municipal corporations each of which is empowered to take action under one or other of the Municipal Acts. The shipping and water are under the respective provincial Governments, who are empowered under the Indian Ports Act to draft regulations and to appoint a Port Health Officer who, however, has no power over the land area and his jurisdiction ends, with the ship's side. The Port Commissioners or Trustees for the main ports have certain limited sanitary powers under Port Trusts Acts, but they actually carry out more than they can legally be expected to do. The whole question of ports sanitation is under consideration and the future may see important changes, especially in regard to the provision of facilities for carrying out the regulations framed under the Indian Ports Act. A special committee sat in February 1920 to consider the amendment of these regulations especially those dealing with yellow fever; the recommendations of this committee will be found detailed in a subsequent section of this report. In dealing with the sanitation of the main ports, a few remarks will be made on the sanitary condition of each city and the work of the Port Health Officer.

*City of Calcutta.*—The deaths numbered 37,839, equivalent to a death rate of 42.2 per mille. With the exception of one year, this is the highest rate ever recorded in Calcutta.

Cholera, small-pox and influenza were all prevalent in epidemic form and caused 3,688, 1,870 and 3,362 deaths, respectively.

Plague accounted for 354 cases and 334 deaths. Of the cases 297 were of the bubonic type, 51 septic and 6 pneumonic. An outbreak of epidemic dropsy causing 96 deaths occurred during the last half of the year and reached its maximum in December.

*Port of Calcutta.*—A sewerage scheme which has recently been sanctioned is expected to improve the condition of the Kidderpore docks. A project for dealing with the effluent from the Russa Distillery will also lessen fouling of the water. The cases of sickness found on ships included small-pox, chicken pox, measles, cholera, beri-beri and influenza. 7 vessels arrived with small-pox cases on board and were dealt with. Two vessels arrived each with a case of chicken-pox. One case of measles was found. Eight vessels arrived with cholera. There was severe outbreak of cholera on one jetty among the passengers embarking for Rangoon; it was satisfactorily dealt with. One case of beri-beri arrived in a steamer from Rangoon. 1,093 vessels entered the port as compared with 882 in 1918. 1,086 vessels left during the year.

604 inward bound and 790 onward vessels were inspected and these carried in all 97,487 crew and 66,523 passengers.

The Port Sanitary Inspector inspected 10,308 cargo boats. Municipal filtered water was supplied to the shipping; 162 water-boats were inspected during the year. 80 deaths from cholera and 5 from fevers occurred among the Asiatic population of the port. 39 sea-going vessels were fumigated with the Clayton apparatus during the year.

*City of Bombay.*—The deaths numbered 68,610, equivalent to a death rate of 70.14. Higher death rates have only been recorded in two previous years. Cholera, small-pox and influenza were prevalent and caused 8,455, 780 and 1,942 deaths, respectively. The zymotic diseases were responsible for 20,013 deaths and respiratory diseases for 24,055.

Plague was less prevalent than usual and caused 702 deaths against a mean of 2,556.

There was a change made in the public health administration during the year. Under the Executive Health Officer there are now 2 Deputy Health Officers and 7 Assistant Health Officers, one for each of the wards of the city. An extra assistant is in charge of the Infectious Diseases hospital in which 2,196 patients were treated during the year.

*Port of Bombay.*—1,348 vessels and 430,786 members of crews and passengers were examined. Of the vessels examined 1,064 were outward bound and 158 were inward bound. The clothing, bedding etc., belonging to 125,649 passengers and crew personnel were disinfected.

Of the 158 incoming vessels infectious disease was found on board, or cases had occurred during the voyage, in 50 vessels.

The 71 cases of sickness found on arrival included 11 of plague 2 of cholera, 19 of small-pox, 6 of measles, 26 of chicken-pox, 2 of jigger, and 6 of typhus.

6 cases of plague, 111 of cholera, 15 of small-pox, 5 of measles, and 6 of chicken-pox occurred on vessels and sailing craft in the harbour and docks.

176 vessels were disinfected or fumigated. In the case of 61 vessels fumigation was by means of the Clayton process. In addition the British India Steam Navigation Company fumigated 21 steamers by their own apparatus.

9,218 pilgrims left Bombay for Jeddah in connection with the Mecca pilgrimage. 9,001 were vaccinated before departure from Bombay; others had been vaccinated before leaving their respective homes.

9,100 pilgrims returned to Bombay in 11 vessels. 57 has died at sea. None of the vessels had any cases of infectious disease during the voyage or on arrival at Bombay.

Only 8 plague infected rats were found during the year by the Port Trust staff in the docks. They were all found in the Alexandra dock: the Princes and Victoria docks were free. In 1918, 113 plague infected rats were found, and all came from the Alexandra dock.

*City of Karachi.*—7,213 births were registered against 7,296 deaths during the year.

Influenza caused 1,470 deaths against 3,208 in 1918, small-pox 81 against 236, plague 350 against 1,260, respiratory diseases 880 against 1,027.

The infantile mortality rate was 278 per 1,000 of live births.

*Port of Karachi.*—358 steam vessels and 672 country boats outward bound were inspected, together with 113,358 passengers and members of crews.

49 incoming steam vessels and 5 country boats were inspected. The passengers and crews numbered 12,669.

Three steam vessels, two from Basra and one from Persian Gulf Ports arrived infected with plague, one with cholera, two with small-pox, three with chicken-pox, one with measles and two with mumps. 89 cases of influenza were found on board vessels, and 3 cases of cerebrospinal fever.

28 vessels were fumigated by means of the Clayton apparatus. 2,903 pilgrims left Karachi in 4 steamers for Jeddah, and 2,569 returned. 14 deaths occurred on board but there was no case of infectious disease.

*Port of Aden.*—1,138 vessels and 709 dhows were given bills of health during the year.

The following cases of infectious disease were landed :—

Small-pox 9, measles 2; plague 1, chicken-pox 5, influenza 254, diphtheria 1 and influenzal pneumonia 3.

4 cases of small-pox were also landed from dhows. The plague case was from a French steamer bound from Djibouti to Marseilles.

25 ships carrying in all 25,293 pilgrims passed through the port but were not given pratique.

*City of Madras.*—27,187 deaths were registered against 312,622 in 1918 and 21,935 the mean. The death rate was 52.4 per mille.

Cholera, small-pox and influenza were prevalent and caused 642,611 and 1,303 deaths, respectively.

1,018 patients were treated at the Royapuram infectious diseases hospital and 523 patients and 510 contacts were admitted to the Krishnamput Isolation Hospital.

*City of Rangoon.*—15,554 deaths were registered against 15,411 in 1918. The death rate was 53.03 per mille. Influenza caused 3,336, small-pox 656, cholera 232 and plague 782 deaths. Plague was less prevalent than usual. Plans and estimates for a new infectious diseases hospital are under the consideration of the municipality.

*Port of Rangoon.*—1,067 vessels arrived: 86 were found infected, 45 of which had reported infection. 190 cases of infectious diseases were found, of these 105 were of cholera and 85 of small-pox. 17 vessels arrived from East African Ports. No cases of Jijger or sleeping sickness were found.

362 outgoing vessels were inspected; one case of cholera, 8 of small-pox and 24 of influenza were detected.

#### INTELLIGENCE AND PUBLICITY.

84. Towards the end of 1919 the Conference of Ruling Princes and Chiefs considered the question of the record of vital statistics in the Indian States with a view to securing uniformity throughout India. In subsequent reports it is hoped that it will be possible to incorporate information relating to Indian States. The accumulation of information in one office is of little value, unless arrangements be made for the rapid dissemination of such information to the Provinces and States of India and to other countries. It is hoped that before long an Intelligence bureau will form part of this office, while as soon as possible an expert statistician will be appointed to deal with statistics generally and epidemiological statistics in particular.

In Bengal Publicity has received much attention from Dr. Bentley, the Sanitary Commissioner. Literature dealing with important health problems and illustrated by posters, charts and lantern slides have been prepared.

In Bihar and Orissa a series of lectures illustrated by lantern slides have been prepared. Pamphlets have been issued in English and the vernacular. Sanitary sections were opened in the Exhibitions at Patna and Ranchi and were largely attended.

In the Punjab an "education bureau" has been budgetted for. In Bombay the establishment of a similar bureau is under consideration.

It may be said that the enlightenment of the general public in public health matters is receiving attention.

#### CONCLUSION.

85. This short survey of the incidence of the chief diseases will show that although much is being done, much remains to be accomplished. Knowledge there is in abundance, but it cannot be fully applied until the people of India are willing to pay the cost. In the meantime it may be possible to check to some extent the spread of epidemic diseases and the epidemiological units which the Government of India propose to establish will, it is hoped, assist in the good work which has been and is being done in the different provinces.

SECTION III

CHAPTER IV.—WITH THE GOVERNMENT OF INDIA FOR 1903

Part IV. (continued).—The year 1903 was marked by the fact that the Government of India had received information from the various provinces that the disease was spreading in the Punjab and the North-West Frontier Province.

The Government of India have been informed that the disease is spreading in the Punjab and the North-West Frontier Province.

INTELLIGENCE AND PUBLICITY

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CONCLUSION

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## SECTION IV.

# JAILS OF INDIA.

### PRISON POPULATION IN 1919, EXCLUDING ANDAMANS.

86. The jail population during 1919 averaged 115,499 against 107,359 in 1918 and a decennial mean of 102,348. The average strength was above the decennial mean in all provinces with the exception of Burma, and above the figure for 1918 except in Burma, Assam, Bengal and North-West Frontier.

### SICKNESS AND MORTALITY RATES EXCLUDING ANDAMANS.

87. The constantly sick rate was 31 as compared with 39 in 1918, and 28 the decennial mean. In the jails of Bombay and Madras only was the constantly sick rate in excess of the figure recorded in 1918, but it was in excess of the decennial mean except in the United Provinces, North-West Frontier and Central Provinces. It was very high in the jails of Assam (48), Bengal (59) and Bihar and Orissa (52). The admission to hospital rate was 781 against 960 in 1918 and 614 the decennial mean.

The death rate was 26·97 as compared with 42·45 in 1918 and 21·25 the decennial mean. The highest death rate (46·64) was returned by the jails of Bihar and Orissa: in 1918 the figure was 65·97 and the decennial mean is 29·67. In the jails of Madras the death rate was 37·06, a very considerable advance over the figure recorded in 1918 (25·84) and the decennial mean 15·50. In the jails of Burma, Assam and Bengal the death rates were slightly in excess of the rates in 1918, but these Provinces suffered comparatively slightly from the influenza epidemic in 1918.

The chief causes of sickness as evidenced by the hospital admission rate were:— influenza (69·3 against 259·6): malaria (197·8 against 171·2): dysentery (72·2 against 72): diarrhoea (54·7 against 52·7): and respiratory diseases (30·7 against 32·8).

The chief causes of mortality were:—dysentery (4·20 against 3·55): influenza (3·85 against 18·46): pneumonia (3·60 against 5·21): pulmonary tuberculosis (3·12 against 3·73): cholera (1·21 against 0·37): malaria (1·06 against 0·88): and diarrhoea (1·28 against 0·90). Both hospital admission and death rates were above the decennial mean for influenza, cholera, smallpox, malaria, pneumonia, respiratory diseases, dysentery and diarrhoea. This is an unsatisfactory record. The Government of Madras in an order accompanying the annual jail report remark that "they hope before long it will be practicable to bring the Indian Medical Service personnel of the Jail Department up to full strength with a resultant improvement in the statistics of mortality and sickness." The demand for the services of highly qualified and experienced medical officers made by war conditions has been felt by the Jail Department of all provinces: but, more than the return of these officers is needed before the statistics of sickness and mortality in the jails will be really satisfactory. What is wanted is co-ordination in "health" administration, not as at present a separation into more or less watertight departments dealing with hospitals, sanitation, health of prisoners, etc. It is quite impossible for an executive medical officer—he has not the time—to keep in touch by a perusal of literature with the advances indicated by research: for instance, it was found that in one province in which the jail inmates suffer much from dysentery, the jail authorities were quite unware of valuable work

on dysentery conducted by the Indian Research Fund Association. There is at present no official organisation in India connected with propaganda work for bringing the results of research to the notice of those engaged in the application of methods: there can be no real advance in mortality and sickness statistics until this want is supplied.

#### INFLUENZA.

88. Exclusive of the Andamans the hospital admission rate was 69.3 against 259.6 in 1918 and a decennial mean, excluding 1918, of 2.2. The highest admission rate 191.5 was in the Madras jails. Admission rates of over 100 were returned from the jails of Assam, Bengal and Bihar and Orissa. The Punjab jails were almost free, while the jails in the Central Provinces escaped very lightly. In Bombay, the Deccan and Guzerat jails were, with the exception of Bijapur, free of the disease. A high incidence was felt in some of the jails in Sind and on the western coast. Incidence was low in the United Provinces, North-West Frontier, and Burma jails, but in the latter province the incidence was generally higher in the jails on the coast than in inland jails.

Generally speaking the incidence of the disease in 1919 was greatest in the jails which suffered least in 1918, but the Assam and Sind jails are exceptions to this statement, for the incidence in both was high in 1918 as well.

In the Andamans the admission rate was only 18.6 against 192.4 in 1918.

The mortality rate, exclusive of the Andamans, was 3.85 as compared with 18.46 in 1918. The Madras jails returned the highest rate of 12.70, while the rates for Assam and Bihar and Orissa jails were 8.21 and 7.53, respectively. The death rate in the Punjab jails was only 0.14, in the Burma jails 0.45 and in the Central Provinces jails 0.47. The mortality figures show that the jails which suffered least in 1918 suffered most severely in 1919, but the Burma jails provide an exception, for the mortality in these jails in 1918 was the lowest recorded in that year.

In the Andamans the death rate was 6.09 against 10.89 in 1918.

#### MALARIA.

89. The admission rate for malaria exclusive of the Andamans was 197.8 against 171.2 in 1918 and 141.0 the mean. High admission rates were returned from the jails of Bengal (407): of Punjab (330): of Bihar and Orissa (294): of North-West Frontier (286): and of Bombay (227). These figures, with the exception of that for the North-West Frontier, are considerably in advance of the decennial means.

There is a marked seasonal prevalence, and the maximum number of admissions was reached in October, the figure for this month being more than four times the number for February, and over double the number for August. The jail reports make little mention of prophylactic measures beyond a reference to quinine prophylaxis. It is obvious that if any value is attached to preventive measures such value should be most marked in a controlled community. The continued prevalence of malaria in jails seems to be a subject for the consideration of Provincial "Health" Departments, should they be formed: in the meantime the advice of Provincial Sanitary Commissioners might well be taken.

In the Andamans the admission rate was 1,205 against 864 in 1918 and a decennial mean of 972.

The mortality rate, excluding the Andamans, was 1·06 as compared with 0·88 in 1918 and 0·82 the decennial mean. High death rates were recorded in Punjab (1·47) : in United Provinces (1·39) : in Bihar and Orissa (1·25) and Bengal (1·10). The rates for the Punjab and the United Provinces jails were markedly in excess of the decennial means. In the North-West Frontier jails there was no mortality from malaria for the second year in succession.

In the Andamans the mortality was 4·87 against 2·49 in 1918 and 2·71 the decennial mean.

#### CHOLERA.

90. The admission rate for all jails, exclusive of the Andamans, was 2·4 against 0·9 in 1918 and a decennial mean of 0·8. The mortality rate was 1·21 as compared with 0·37 in 1918, and 0·40 the decennial mean.

The highest admission rate (6·8) was returned from the jails of Bihar and Orissa. The disease was also markedly prevalent in the jails of Burma, Bengal and Madras. Much of the cholera in jails is due to importation, but polluted water is blamed or suspected in the case of Bhagalpur, Cannanore and Mymensingh jails.

279 cases of cholera were reported during the year, and of these 170 occurred between July and September and 80 between April and June. There was no cholera in the Andamans.

#### DYSENTERY.

91. For the jails of India, exclusive of the Andamans, the admission rate was 72·2 against 72 in 1918, and a decennial mean of 60·7.

Dysentery is pre-eminently a disease of the jails of Bengal and Bihar and Orissa. The admission rate in the Bengal jails was 179 and in the Bihar and Orissa jails 201·4 : the latter figure being considerably over the decennial mean. The admission rate for Bombay jails (78·5) was more than double the decennial mean (37·6) : similar figures were recorded in the Madras jails. The reduction of the dysentery admission rate in the Assam jails is very remarkable : in 1919 the admission rate fell to 56 from 66 in 1918 and a decennial mean of 170. The maximum number of admissions (1,038) was in July, closely followed by August (947).

In the Andamans the admission rate was 130·6 as compared with 94 in 1918 and 87 the decennial mean. The death rate for Indian jails, excluding the Andamans, was 4·20 against 3·55 in 1918 and 2·97 the decennial mean. By far the highest rate was returned from the Bihar and Orissa jails (16·19). This figure is a slight improvement on the 1918 figure, but is more than double the decennial mean (7·31). High rates were returned from Madras (5·83) : Bengal (4·93) : Burma (3·73) and the United Provinces (3·59).

In the Andamans the death rate was 9·99 as compared with 6·14 in 1918 and 5·34 the decennial mean.

#### DIARRHŒA.

92. In a bad year for cholera and dysentery the admission and death rates for diarrhœa were higher than usual. The admission rate, exclusive of the Andamans,

was 54.7 as compared with 41.5 the mean, while the death rate rose from 0.78 to 1.28.

Assam (188), Bengal (160) and Bihar and Orissa (152) returned the highest admission rates: all being considerably in excess of the decennial means. The disease in the Assam jails was not very fatal, the death rate being 0.97: in the Bihar and Orissa jails the death rate was 3.31.

In the Andamans the admission and death rates were 48.6 and 1.38 against decennial means of 39.6 and 0.72.

In vaccines medical officers of jails have a potent weapon against cholera and dysentery. It is stated that the results from the use of dysentery vaccines have been excellent in the Bihar and Orissa jails. In April 1919 the writer of this note visited Ranchi and brought to the notice of the Inspector General of Jails the work of Major Cunningham, I. M. S., on the prevention of dysentery. This system was inaugurated in the Bhagalpur jail in May and in all the jails of the Province during the last quarter of the year. It is too early to make any observations on the results except that it is stated that the lowered incidence of dysentery in the Bhagalpur jail during the latter half of the year was in no small measure due to this system.

#### PULMONARY TUBERCULOSIS.

93. For the jails of India exclusive of the Andamans the admission rate was 9.5 as compared with 12.3 in 1918 and 9.8 the decennial mean.

The highest admission rates were returned from the jails of Burma (16.8): of Bihar and Orissa (16.0) and of Madras (11.7). The rates for Burma and Madras show a considerable rise over the decennial mean.

The death rate fell from 3.42 the mean to 3.12. High rates were recorded in the jails of Burma (6.13) and Madras (5.13). The fall in the death rate in the Punjab jails continued: the figure for 1919 was 2.73, which is less than half the mean.

Arrangements for the separation of prisoners with pulmonary tuberculosis have been proposed, and details, so far as information is available, will be given below.

In the Andamans the admission and death rates were 7.1 and 4.39 as compared with means of 6.7 and 4.77.

#### PNEUMONIA.

94. The admission and death rates for jails in India, exclusive of the Andamans were 13.6 and 3.60. These figures are an improvement on those returned in 1918, but are in excess of the decennial means.

In all provinces with the exception of Bombay and the United Provinces a marked fall in the prevalence of and mortality from this disease was noticeable. In Bombay the admission rate rose to 27.5 from 20.9 in 1918 and a mean of 14.5. The death rate was 7.10 as compared with 7.33 in 1918 and 4.43 the mean. In the United Provinces there was no rise, but the comparatively high figures of 1918 were maintained.

In the Andamans both rates were below those for 1918 and the means.

## ENTERIC FEVER.

95. There were 65 cases and 16 deaths as compared with 95 and 28 in 1918. The disease was chiefly prevalent in the jails of Burma, Bengal, United Provinces, Bihar and Orissa and North-West Frontier Province. No case was reported from the Central Provinces, and only one from Bombay.

In the Andamans there were 14 cases and 7 deaths.

## PYREXIA OF UNCERTAIN ORIGIN.

96. 1,794 cases were reported, and of these 774 were from jail in the Punjab, and 770 of the remainder in the jails of Burma, Assam and Bihar and Orissa. The mortality was slight.

1919 was a distinctly unhealthy year for the inmates of jails. Influenza persisted in many areas, and the severe epidemic of 1918 and the food scarcity undoubtedly left their marks on the resisting power of the general population to disease. The rainfall was well over the average and was favourable to the incidence of malaria, cholera and intestinal diseases generally.

## BENGAL.

97. Overcrowding existed through the greater part of the year, and was most marked among undertrials. The release of prisoners on the occasion of peace celebrations afforded some relief.

The wheat-rice diet maintained its popularity. Out of 33,473 prisoners discharged during the year 53 per cent. gained in weight, 20 per cent. lost in weight, and 26 per cent. neither gained nor lost : the percentages are the same as in 1918. The comparative figures are slightly in favour of the wheat-rice diet, but the average cost of this diet came to Rs. 5-2-10 as compared with Rs. 4-8-7 for the rice diet.

Diet.

It is interesting to note that only 4 per cent. lost over 5 lbs. in weight, and of these only an insignificant number lost over 10 lbs.; whereas 14 per cent. gained over 5 lbs. and rather over a quarter of these gained over 10 lbs.

The constantly sick rate was 59 against 61 in 1918 and 50 the decennial mean. The hospital admission rate was 1,428 as compared with 1,459 in 1918 and 1,094 the decennial mean. The death rate (22.93) was higher than the figure for 1918 (21.66) and the decennial mean (21.35).

The comparative unhealthiness of the year was due mainly to the prevalence of influenza, malaria, and diarrhoeal diseases.

2,090 cases were admitted with 69 deaths, giving a case mortality of 3.3 per cent.; which shows that the disease was rather more fatal than in 1918. The death rate from influenza was 4.72.

Influenza.

The incidence and fatality of the disease varied considerably, thus:—Chittagong, Noakhali, Baraset, Presidency (Europeans), Faridpur, Rajshahi, Malda, Suri and Bankura escaped altogether. In Dacca central there were 249 cases with 19 deaths : in Khulna 66 cases with 7 deaths : in Presidency (Indians) 391 cases with 10 deaths : in Alipore (Indians) 62 cases

with 6 deaths : in Midnapore central 44 cases with 7 deaths : Backerganj 265 cases with 5 deaths and in Bogra 10 cases with 5 deaths. In the remaining jails there were cases with little or no mortality.

Prophylactic vaccination was not tried, but vaccines were used in treatment with indefinite results.

The admission and death rates fell from 11·1 and 3·61 in 1918 to 8·1 and 2·26 in 1919.

Pulmonary Tuberculosis.

In all there were 119 cases under treatment with 33 deaths. The cases were widely distributed over 23 jails, but the chief incidence seems to have been in the Presidency (Indians) jail with 29 cases and 5 deaths, and in Mymensingh jail with 15 cases and 4 deaths. It is evident that a general segregation of all cases of tuberculosis is not yet possible.

The admission rate was 407 as compared with 356 in 1918 and 299 the decennial mean. The death rate fell from 1·16 in 1918 and 1·57 the decennial mean to 1·10. The actual number of admissions was 5,948 and of deaths 16. The case mortality was 0·27 per cent. The disease is said to have been of a mild type, but, as it affects all the jails, and was the cause of nearly 1-3rd of the sickness during the year must be a serious problem in jail administration. The annual rise in the sickness rate commenced in June and reached its maximum in November.

Malaria.

The admission rate for these two diseases combined was 339, as compared with a decennial mean of 293. The death rate for dysentery was 4·93, which is slightly below the mean : and for diarrhoea 0·82, which is practically the same as the mean. High death rates for dysentery were returned from Burdwan (27·68) : Malda (20·27) : Jalpaiguri (12·66) : Rangpur (14·71) : Khulna (18·02) : Jessore (11·9) : Faridpur (15·73) : Krishnagar (11·86). The Inspector General reports that no reasons can be given for the comparative severity of the disease in these jails, but in 1918 the high mortality from dysentery in Rangpur and Jessore jails was attributed to inexperience on the part of the staff.

Dysentery and Diarrhoea.

There were 45 attacks with 18 deaths. Seven jails reported cases, but the most serious outbreak—26 cases and 9 deaths—was in the Mymensingh jail. The Inspector General states that the epidemic was "due to swarms of flies and scanty and bad water." It is said that steps have been taken to remedy these defects.

Cholera.

The death rate in Dacca jail rose from 10·58 in 1918 to 28·65 due to the severity of influenza. In the remaining Central jails the death rates in 1919 were lower than in 1918 : the most noticeable fall being in the Rajshahi jail from 16·46 to 9·36.

Central jails.

Some very high rates were recorded :—Burdwan (69·20) : Khulna (72·07) : Mymensingh (53·82) : Malda (60·81) ; District jails. Jalpaiguri (42·19) : Howrah (62·50) : Noakhali (48·78) : Rajshahi (47·14) : Bogra (46·8) and Baraset (42·02).

With the exception of Mymensingh the average strength of these jails is comparatively small, and a few deaths mean a very marked rise in the death rate; wide fluctuations from year to year are inevitable.

#### ASSAM.

98. The accommodation available for convicts and under-trials, exclusive of provision in hospital wards and cells, was in excess of the average daily number of prisoners.

No change was made during the year. 54 per cent. of the prisoners discharged had gained weight, 26 per cent. had lost weight and 20 per cent. had neither gained nor lost. These figures are an improvement on those recorded in 1918.

Diet.

Eight per cent. of the prisoners discharged lost 5 lbs. in weight or more, but only 2 per cent. over 10 lbs.; while 21 per cent. gained 5 lbs. or over, and nearly 9 per cent. over 10 lbs.

The constantly sick rate was 48 against 55 in 1918 and 43 the decennial mean. The hospital admission rate (1,033) was lower than in 1918 but slightly higher than the mean.

The death rate (24.63) is higher than in 1918 (21.34), but is still appreciably lower than the mean (31.69). In 1917 and 1918 the Assam jails were fortunate in returning the lowest death rate, but in 1919 the rate is only exceeded by the Bihar and Orissa, Madras, Burma and United Provinces jails.

An epidemic of influenza was the main cause of the increase in the mortality. 308 cases with 17 deaths were reported giving a case mortality of 5.5 per cent., as compared with 1.8 in 1918. The death rate was 8.21 against 7.11 in 1918.

246 cases with 11 deaths were reported from Sylhet jail: the epidemic broke out in August. Five other jails returned a few cases. The three jails in the hills tract escaped.

As compared with 1917 and 1918 there was an increase in the admissions for malaria and diarrhoea. The death rate for malaria (0.97) is less than half the decennial mean. Quinine prophylaxis in 5 grain doses daily during the malaria season was continued. The death rate for pulmonary tuberculosis was 0.97 as compared with a mean of 3.27 and 4.00 in 1918. Ten cases were admitted to the hospitals of 4 jails, and of these 2 died in Sylhet jail.

It was found that an average of 45 per cent. of the prisoners admitted was infected with ankylostomiasis. This disease necessitated the admission of 11 prisoners to hospital without a fatal result.

#### BIHAR AND ORISSA.

99. General scarcity and famine conditions in certain areas led to an increase in crime with consequent overcrowding in some jails. The average strength was 8,770 against 8,640 in 1918 and 7,307 the mean.

No change in the diet was made during the year: the modifications suggested by Lieutenant-Colonel McCay were continued on a voluntary basis.

Diet.

Out of 20,837 prisoners discharged 53 per cent. had gained weight, 20 per cent. had lost, and 27 per cent. had neither gained nor lost. The figures are not quite so good as in 1918. Five per cent. lost in weight 5 lbs. or more, and less than 2 per cent. over 10 lbs : 19 per cent. gained 5 lbs. or more, and 6 per cent. over 10 lbs.

The constantly sick (52) and hospital admission (1,251) rates though lower than in 1918, are still considerably in excess of the decennial means. With the exception of pulmonary tuberculosis and anæmia and debility all diseases showed increased incidence over the average : the most marked increases being under the headings dysentery, diarrhœa, respiratory diseases and influenza.

The death rate was 46·64 against 65·97 in 1918 and 29·67 the decennial mean.

Influenza caused 1,141 admissions with 66 deaths, giving a case mortality rate of 5·8 per cent. The death rate was 7·53 per mille. The epidemic was chiefly felt in Gaya, Bhagalpur and Cuttack jails, in which 51 of the deaths were recorded. In Champaran jail there were 123 cases with one death : in Puri 43 cases with 1 death : in Ranchi 74 cases with 1 death : in Buxar 51 cases with 3 deaths and in Chapra 32 cases with 5 deaths. A few cases were reported from four other jails.

1,766 cases were treated and 142 died, giving a case-mortality of 8·0 per cent. The death rate was 16·19 per mille, which is more than double the decennial mean.

For the jails as a whole July and August were the months of maximum incidence. The Inspector General of Prisons considers that the application in April of measure for the routine examination of stools was responsible for the lessened incidence in Bhagalpur jail in the latter half of the year. The figures seem to support this view. In April the admissions numbered 57, but in the month of maximum incidence—July—the number fell to 17.

Serious epidemics occurred in the following jails :—Hazaribagh (279 cases 46 deaths) : Purulia (149 cases 17 deaths) : Balasore (71 cases 10 deaths) : (Angul 60 cases 15 deaths) : Bhagalpur (292 cases 13 deaths) : Chaibassa (111 cases 7 deaths) : Buxar (63 cases 5 deaths) : Ranchi (52 cases 4 deaths). Epidemics with slight mortality occurred in Cuttack (88 cases 1 death) : Arrah (117 cases 1 death) : Champaran (71 cases 2 deaths) : Patna (46 cases no death) : Sambalpur (60 cases 2 deaths). For diarrhœa there were 1,331 admissions with 29 deaths, giving a case mortality of just over 2 per cent. The death rate was 3·31, or nearly threefold the mean.

There were 60 cases with 26 deaths. The admission rate was 6·8 per mille against 2·5 the decennial mean. In the Daltonganj jail, with an average strength of 128, 25 cases with 7 deaths were reported. It will be noted that the case mortality is low—under 30 per cent. It is believed that infection was introduced by 3 female prisoners, who attended court for trial. The Inspector General blames the Medical Superintendent for neglecting to take adequate

measures to stop the spread of the disease. In Bhagalpur jail there were 5 attacks with 2 deaths: the pipe water supply is blamed for this outbreak, and measures were taken for sterilising the water.

Sixteen jails reported cases of cholera.

There were 2,575 admissions with 11 deaths. The admission rate was lower than in 1918, but higher than the mean. The Inspector General considers that the figures include many mild cases of uncomplicated influenza. The death rate was 1·25 against 2·20 in 1918 and 1·22 the mean.

Malaria.

Very high admission rates were returned from the following jails:—Balasore (722); Ranchi (533); Hazaribagh (589); Gaya (594); Arrah (337); Chapra (336); Buxar (597).

Mortality was confined to seven jails; 3 deaths occurred in Balasore and Arrah jails; 2 in Purulia, and 1 each in Hazaribagh, Champaran, and Monghyr. Quinine was administered during the monsoon, and a certain number of wells were made mosquito proof.

The special ward at Gaya was completed and occupied during the year.

Pulmonary Tuberculosis.

In all the jails 140 cases were treated with 34 deaths. Cases were treated in all jails with the exception of Angul and Chapra.

The admission rate was 16 against 47 in 1918 and 17 the mean. The death rate was 3·88 as compared with 9·84 and 4·84.

High admission rates were returned from Purulia (26); Ranchi (25); Hazaribagh (26); Gaya (27).

Of the deaths 7 occurred in Buxar: 5 each in Bhagalpur, Gaya and Purulia; 3 in Naya Dumka; 2 each in Balasore, Chaibassa and Hazaribagh; and 1 each in Ranchi, Patna and Purneah.

The figures show a marked fall over those recorded in 1918.

88 cases were treated with 30 deaths. The disease seems to have been most prevalent in the jails in which there was little or no influenza. Thus:—Purulia reported 11 cases and 6 deaths; Hazaribagh 6 cases and 5 deaths; Patna 6 cases and 3 deaths and Balasore 6 cases and 1 death. In Bhagalpur, where influenza was severe, there were 23 cases and 5 deaths.

Pneumonia.

#### UNITED PROVINCES.

100. The average strength was 30,891 against 25,982 in 1918 and 24,822 the decennial mean. This figure is in excess of the barrack accommodation (exclusive of special accommodation in hospitals, observation cells, etc.); consequently there was overcrowding in most of the jails and frequent transfers were necessary.

No change in the diet scales was made. In a few jails juar and bajra were tried with a view to economy, but the issue had to be discontinued for health reasons. The cost of each diet rose to over Rs. 5 per mensem.

Diet.

Out of 59,841 prisoners discharged 65 per cent. had gained in weight; 10 per cent. had lost in weight, and 25 per cent. remained stationary. Only 2 per cent. of the prisoners lost 5 lbs. or over, and only a small fraction over 10 lbs.; while 21 per cent. gained 5 lbs. or over, and nearly 6 per cent 10 lbs. or over.

The hospital admission rate was 515, a figure well below that for 1918—681—but in advance of the decennial mean—462.

The death rate was 24·67 against 46·46 in 1918 and 17·88 the mean.

The principal causes of sickness and mortality were malaria, influenza, dysentery, diarrhoea, pneumonia, respiratory diseases and pulmonary tuberculosis.

Influenza accounted for 1,354 admissions with 94 deaths: the case mortality rate was 6·9 per cent. against 9·73 per cent. in 1918. The death rate per mille was 3·04 as compared with 27·87 in 1918.

Influenza.

High admission rates were returned from Benares central (231); Benares district (91); Allahabad central (218); Fyzabad (136); Kheri (208); Almora (101). A large number of jails escaped infection.

The highest death rates per mille came from Sultanpur (21·86); Rai Bareli. (14·27); Benares central (9·09); Allahabad central (6·55); Gonda (7·45); Bahraich (17·81); Kheri (26·46); Pilibhit (16·39) and Almora (14·49).

There were 4,549 admissions with 43 deaths. The admission rate was 147·3, and the death rate 1·39: both figures being considerably in excess of the decennial mean.

Malaria.

High admission rates were returned from Orai (621); Hamirpur (316); Banda (241); Benares district (218); Fyzabad (209); Azamgarh (263); Etawah (205); Mainpuri (858); Etah (294); Fatehgarh central (210); Fatehgarh district (471); Bareilly juvenile (216); Aligarh (264); Bulandshahr (352); Bijnor (230); Dehra Dun (289); Jhansi (297); Lalitpur (254); and Almora (261). Very high death rates came from Pauri (58·82); and Almora (28·99); and high death rates from Azamgarh (3·37); Gorakhpur (5·25); Benares district (4·68); Allahabad district (5·00); Banda (6·51); Crai (4·85); Etawah 6·12; Aligarh (3·80); Bijnor (3·65); and Agra central (3·83).

This disease was more prevalent and gave rise to 1,234 admissions and 111 deaths. The case mortality rate was 8·9 per cent.

Dysentery.

The admission rate was 39·9 and the death rate 3·59; both figures show a considerable rise over those for the previous year and the decennial means. Very high admission rates were returned from Orai (345); Banda (182); Bulandshahr (136); Fatehgarh district (132); Barabanki (108); and Bijnor (106); high admission rates from Azamgarh (88); Basti (52); Fyzabad (57); Jaunpur (59); Mirzapur (64); Allahabad central (56); Hamirpur (57); Unao (59); Bahraich (56); Etawah (52); Etah (60); Shahjahanpur (65); Saharanpur (76); Jhansi (58); Lalitpur (79); Naini Tal (89); Pauri (59); and Almora (58).

Death rates of over 7 per 1,000 came from Korantadih (23·81); Gorakhpur (8·76); Mirzapur (9·17); Allahabad district (10·00); Banda (13·03); Fatehpur (9·26); Orai (38·83) and Bijnor (10·95).

Diarrhoea caused 593 admissions and 50 deaths. The admission and death rates (19·2 and 1·62) were in excess of the means.

High death rates were returned from Gorakhpur (14·01); Banda (9·77); Hamirpur (4·78); Cawnpore (8·55); Bareilly central (6·91); Filibhit (8·20) and Bulandshahr (5·25).

The figures for dysentery and diarrhoea show room for improvement.

There were 33 admissions with 18 deaths. 27 attacks and 14 deaths were reported from Lucknow central and district jails, where the epidemic commenced in the Syce lines.

Cholera.

Pulmonary tuberculosis caused 228 attacks with 66 deaths. It is hoped that in 1920 the jail at Sultanpur will be utilised as a tuberculosis jail for the reception of cases from all other jails.

443 admissions with 127 deaths. The admission and death rates were 14·3 and 4·11 as compared with 12·6 and 2·71 the decennial means.

Pneumonia.

High admission rates were returned from Mirzapur (23); Allahabad central (22); Hamirpur (38); Lucknow central (27); Hardoi (27); Fatehgarh district (25); Shahjahanpur (45); Bareilly juvenile (33); Bijnor (36); Saharanpur (38); Muzaffarnagar (29); Meerut (33); Muttra (39) and Jhansi (34).

High death rates came from Mirzapur (9·17); Hamirpur (9·57); Lucknow central (15·09); Hardoi (10·79); Bijnor (10·95); Muttra (8·96) and Saharanpur (8·20).

Relapsing fever caused 18 deaths among 123 cases in 11 jails. Investigation into the prevalence of hookworm disease was completed. It was found to be most common in the eastern parts of the province.

Five of the six central jails returned death rates between 23 and 27, and the death rate in Lucknow central was 46·36. This high rate was due to cholera, pulmonary tuberculosis and pneumonia.

#### PUNJAB.

101. The average strength was 14,301 as compared with 13,372 in 1918 and 12,678 the mean. There was overcrowding in most of the jails, and this was specially evident in the Lahore and Montgomery central jails.

The average cost of each diet rose to Rs. 4 per mensem.

Diet.

Out of 17,880 prisoners discharged 50 per cent. had gained and 17 per cent. had lost in weight; 33 per cent. remained stationary.

Three per cent. lost more than 5 lbs. in weight, but only 1 per cent. over 10 lbs.; while 13 per cent. gained more than 5 lbs. and 4 per cent. over 10 lbs.

The hospital admission rate was 1,003 against 1,301 in 1918, and 751 the mean. An exceptional incidence of malaria was the chief cause of the comparatively high admission rate.

The death rate was 21·89 as compared with 60·50 and 27·88 the decennial mean. Excluding 1918 the decennial mean would be 23·97.

Influenza caused 27 admissions and 2 deaths; it was confined practically to Multan central jail from which 26 cases were reported and these were in continuation of the 1918 epidemic.

Malaria was responsible for 4,721 admissions and 21 deaths. The admission rate was 330 against 304 in 1918 and 176 the decennial mean.

High admission rates were returned from Ferozepore (750); Lahore central (436); Lahore female (427); Sialkot (456); Campbellpore (473); Mianwali (378); Montgomery central (515); Multan central (413).

The Inspector General mentions certain defects in the Montgomery and Lahore central jails.

The death rate was 1·47 against 1·56 in 1918 and 0·56 the decennial mean. Ten out of the 21 deaths occurred in the Montgomery and Multan central jails.

Pulmonary tuberculosis.—The fall in the admission and death rates from 16·6 and 5·73—the means—to 7·6 and 2·73 is satisfactory. The fall in the death rate is attributed by the Inspector General to the good work of the medical staff at the Shahpur jail. It is hoped to build a special jail for prisoners suffering from tuberculosis.

Pneumonia caused 276 admissions and 69 deaths. The admission and death rates were 19·3 and 4·82. These figures are about the average.

High admission rates were returned from Multan district (57); Rawalpindi (42); Gujranwala (52) and Hissar (35).

High death rates came from Rawalpindi (12·56); Gujranwala (12·16); Hissar (11·76); Multan central (10·47) and Multan district (10·04).

There were 330 cases and 25 deaths from heat stroke: 43 cases and 4 deaths from relapsing fever; and 10 deaths from cerebro-spinal fever.

A case of plague occurred among the families of the staff at Rawalpindi. All prisoners and staff were inoculated, and there was no further case.

Multan and Montgomery central jails returned high death rates—32·02 and 31·90, respectively. In the case of the former the mortality was caused mainly by influenza, pneumonia and respiratory diseases: and of the latter by malaria, pneumonia and diarrhoea.

#### NORTH-WEST FRONTIER PROVINCE.

102. The average strength was 2,367 as compared with 2,453 in 1918 and 2,195 the decennial mean. The average monthly cost of each diet rose from Rs. 3-4-0 in 1918 to Rs. 4-5-0.

Out of 2,713 prisoners discharged 54 per cent. gained and 23 per cent. lost in weight; 23 per cent. remained stationary. The percentages are approximately the same as in 1918.

Six per cent. lost 5 lbs. or over, and under 2 per cent. over 10 lbs. ; while 18 per cent. gained 5 lbs. or over, and 7 per cent. over 10 lbs.

The hospital admission rate was 607 as compared with 1,044 in 1918 and 878 the decennial mean. There was a marked improvement under every head.

The death rate was 22·39 against 55·03 in 1918 and 29·38 the mean.

There were 42 admissions and 9 deaths. Kohat and Dera Ismail Khan jails were free. Bannu reported 18 cases and 3 deaths, Peshawar 18 cases and 2 deaths, and Abbottabad 6 cases and 4 deaths.

Influenza.

Malaria caused 677 admissions without mortality. The admission rate in Peshawar jail was 556.

Malaria.

Pneumonia caused 35 admissions and 8 deaths. Five of the deaths occurred in Peshawar, 2 in Kohat, and 1 in Abbottabad.

Pneumonia.

Pulmonary tuberculosis with 16 cases and 3 deaths was limited to Peshawar and Kohat jails.

Pulmonary tuberculosis.

The death rate of Bannu jail was 45·08 and was due to influenza and respiratory diseases ; of Abbottabad jail 29·85 ; and of Peshawar 27·44.

#### CENTRAL PROVINCES.

103. The average strength was 4,212 as compared with 3,679 in 1918, and 3,780 the mean.

No change in the diet was made. Out of 4,963 prisoners discharged 67 per cent. had gained and 11 per cent. had lost weight : 22 per cent. remained stationary. Three per cent. lost 5 lbs. or over, and less than 1 per cent. over 10 lbs. ; while 32 per cent. gained 5 lbs. or over, and 11 per cent. over 10 lbs.

The hospital admission rate was 324 as compared with 732 in 1918 and 434 the decennial mean.

The death rate was 16·38 against 48·11 in 1918 and 23·93 the mean.

Influenza caused 41 admissions with 2 deaths. 37 cases and 2 deaths occurred in the Jubbulpore central jail.

Malaria caused 225 cases with 4 deaths. Quinine was administered prophylactically. The admission rate was 53 and the death rate 0·95.

High admission rates were returned from Raipur central (107) and Saugor (343). The deaths were distributed between Raipur, Saugor and Bilaspur jails.

There were 9 cases and 4 deaths from cholera. Six of the cases were imported, while the remaining 3 were due to the drinking of infected water outside the jail.

The figures for pulmonary tuberculosis showed a marked decrease: a proposal for a special jail at Betul has been submitted.

## BOMBAY.

104. The average strength of prisoners was 12,108 as compared with 10,096 in 1918 and 9,371 the decennial mean.

There was considerable overcrowding in the majority of prisons: it was relieved to some extent by the use of tents, verandahs and unused workshops. Further relief will be effected by the formation of two convict gangs and proposals for new jails.

The cost per head rose to Rs. 8 per mensem from Rs. 5-4-0 in 1918, owing to great increase in the prices of food stuffs.

Diet.

Out of 28,001 prisoners discharged 58 per cent. had gained and 21 per cent. had lost weight: 21 per cent. remained stationary. The figures show a slight improvement on those for 1918.

6½ per cent. lost 5 lbs. or over, and only 2 per cent. over 10 lbs.; while 24 per cent. gained 5 lbs. or over, and 9 per cent. over 10 lbs.

The hospital admission rate was 886 as compared with 1,040 in 1918 and 598 the decennial mean: the death rate was 23·37 against 58·24 in 1918 and 20·95 the mean.

The main causes of sickness were influenza, malaria, pneumonia, respiratory diseases, dysentery and diarrhoea.

There were 455 admissions with 34 deaths, the case mortality rate being 7·5 per cent.

Influenza.

The admission and death rates were 37·6 and 2·81 per mille.

Influenza was limited to the Sind Gang and Hyderabad central jail in Sind: to Bijapur jail and the Deccan Gang in the Deccan; and to Thana jail, Bombay Common jail, and the House of Correction jail on the western coast. There was no mortality among the cases in the Bijapur and the Bombay Common jails.

The highest death rates were recorded in Hyderabad Central (13·60), Sind Gang (10·00) and Thana jail (7·57).

There were 2,753 admissions with 10 deaths. The admission rate was 227 as compared with 180 in 1918 and 126 the mean. The death rate was 0·83, which is approximately the average. The type of malaria was therefore mild, but it is possible that unrecognised mild cases of influenza were included under this heading.

Malaria.

High admission rates were returned from Sind Gang (358), Hyderabad central (816) and Bombay Common prison (412).

Of the deaths 3 occurred in each of Hyderabad and Bijapur jails; and 1 each in Sind Gang, Dhulia, Thana and Bombay Common prison.

Quinine prophylaxis was continued.

951 admissions with 21 deaths. The admission rate was 78 as compared with 32 in 1918 and 38 the mean. The death rate was 1.73 against 0.99 in 1918 and 1.31 the mean.

Dysentery.

There were cases in all the jails, but high admission rates were returned from Karwar (327); Dhulia (163); Deccan Gang (147); Dharwar (122); Thana (121); Bombay Common prison (81) and Sind Gang (86).

The increase in the incidence of dysentery is attributed to faulty supervision over water and food owing to changes in the medical subordinates.

Four deaths each occurred in Deccan Gang, Sind Gang and Karachi; 3 in Yerrowda; 2 each in Thana and Sukkur; and 1 each in Karwar and Ahmedabad.

Diarrhœa was also more prevalent and caused 726 admissions with 15 deaths. The admission rate was 60 against 36 in 1918 and 37 the mean; the death rate was 1.24 as compared with 0.79 in 1918 and 0.97 the mean. All the jails had cases and high admission rates were returned from Bombay Common jail (152); Sind Gang (126) and Deccan Gang (104). Five deaths occurred in the Deccan Gang; 4 in Yerrowda Central, and 2 each in Ahmedabad Central and the Sind Gang.

For pneumonia there were 333 admissions with 86 deaths, giving a case mortality of 25.8 per cent. The admission rate was 27, the highest in India, as compared with 20.9 in 1918 and 14.5 the mean. The death rate was 7.10 against 7.33 in 1918 and 4.43 the mean.

High admission rates were returned from Shikarpur (89); Sukkur (165); Sind Gang (64) and Deccan Gang (46). The mortality was chiefly felt in the Sukkur jail and the Sind and Deccan Gangs with 20, 17 and 15 deaths, respectively.

For other respiratory diseases there were 503 admissions with 13 deaths. The admission rate was 41, which is higher than the mean and the figure for 1918. The death rate 1.07 is slightly higher than the average.

High admission rates were returned from Bombay Common Prison (89); Sind Gang (81); Karachi (56) and Deccan Gang (54).

92 admissions and 36 deaths. The admission rate was 7.6 against 6.7 in 1918 and 4.4 the mean; and the death rate was 2.97 against 2.18 in 1918 and 1.63 the mean. The highest admission rates were returned from Ahmedabad Central, Yerrowda Central, Thana and Bombay Common Prison.

Pulmonary tuberculosis.

Of the central jails Ahmedabad had the lowest death rate (12.66), Yerrowda and Hyderabad central jails returned death rates of just over 20. The highest death rate (47.50) came from the Sind Gang. This Gang suffered in consequence of the office of Superintendent changing hands four times during the year.

#### MADRAS.

105. The average strength was 11,496 as compared with 10,138 in 1918 and 9,865 the decennial mean.

No important change was made in the diet, but in some instances rice was substituted for ragi. The cost of diet per head rose to Rs. 5-7-4 per mensem.

Diet.

Of 18,446 prisoners discharged 64 per cent. had gained, 14·4 per cent. had lost weight, and 22 per cent. had remained stationary. Three per cent. lost 5 lbs. or over, and under 1 per cent. over 10 lbs., while 22 per cent. gained 5 lbs. or over and 8 per cent. over 10 lbs.

The year was an exceptionally unhealthy year for the Madras jails; the hospital admission rate rose from 436 in 1918 and 372 the mean to 560 : and the death rate from 25·84 in 1918 and 15·50 the mean to 37·06.

The main causes of sickness were the prevalence of influenza and dysentery.

Influenza caused 2,201 admissions with 146 deaths giving a case mortality of 6·6 per cent. The admission rate was 191·5 and the death rate 12·70 per mille.

All the jails suffered, but high admission rates were returned from Coimbatore Central (535) ; Trichinopoly Central (270) ; Madras Penitentiary (252) and Palamcottah (218).

The disease was especially fatal in Trichinopoly Central : Vellore Central : Cannanore Central : Vizagapatam Central : and Coimbatore Central, in which death rates of 26·13 ; 19·23 ; 18·62 ; 15·04 and 14·33, respectively, were recorded. No mortality from this cause occurred in the Palamcottah, Cuddalore and Berhampur jails.

*Dysentery.*—There were 876 admissions with 67 deaths. The admission rate rose from 47 in 1918 and 38 the mean to 76 ; and the death rate from 2·66 in 1918 and 2·03 the mean to 5·83.

Very high admission rates were recorded in Cannanore central (192) ; Madras Penitentiary (241) and Vizagapatam Central (102), these jails returned high death rates also, 15·96 ; 30·18 and 15·04, respectively.

The Inspector General anticipates an appreciable improvement in the dysentery figures as all kitchens are now fly proof and all latrines shortly will be. The bacteriological and chemical examinations of all jail water supplies were resumed during 1919.

*Cholera.*—Out of 35 cases and 17 deaths Cannanore Central jail was responsible for 29 cases and 13 deaths. The Medical Officer of the jail attributed the disease to the water supply, but the Inspector General is doubtful.

Malaria is comparatively unimportant in the Madras jails : there were 280 admissions with 6 deaths. The great majority of admissions were recorded in Bellary, Vellore Central and Rajahmundry Central. Quinine prophylaxis has been discontinued in all jails. In spite of the prevalence of influenza the figures for pneumonia and respiratory diseases were very low as compared with most other provinces.

*Pulmonary Tuberculosis.*—134 admissions with 59 deaths.

The admission rate rose from 8·6 in 1918 and 8·4 the mean to 11·7; and the death rate from 2·65 the mean to 5·13.

The admission and death rates were especially high in the Madras Penitentiary.

It is proposed to build a special jail for Tuberculous prisoners on the sanatorium and farm colony principle. The proposal for an annexe in connexion with the Coimbatore jail has been dropped.

Of the 9 central jails at one end of the scale there are the Salem, Bellary and Rajahmundry jails with death rates of 7·31 : 19·25 and 18·81, respectively; and at the other the jails of Cannanore, Madras (penitentiary) : Trichinopoly and Vizagapatam with death rates of 91·31 : 58·27 : 49·35 and 48·12, respectively. The difference is attributable to the comparative prevalence of influenza and dysentery.

#### BURMA.

106. The average strength was 13,387 against 14,068 in 1918 and 16,082 the mean.

No change was made; owing to the rise in prices the average cost of each diet rose by Rs. 1-11-6 as compared with 1918. Out of 27,384 prisoners discharged, 57 per cent. had gained, 19 per cent. had lost weight and 24 per cent. had remained stationary. 3 per cent. of the prisoners discharged had lost 5 lbs. or over and less than 1 per cent. over 10 lbs. : while 16 per cent. had gained 5 lbs. or over and 4 per cent. over 10 lbs.

The hospital Admission rate was 344 as compared with 556 in 1918 and 310 the mean: the death rate rose from 25·59 in 1918 and 17·73 the mean to 28·54.

Influenza caused 317 admissions with 6 deaths: there were cases in 17 jails, but in only two—Moulmein and Rangoon central (Indian)—was there mortality.

Dysentery was responsible for 425 admissions with 50 deaths. The admission rate rose from 18 in 1918 and 20 the mean to 32: and the death rate from 1·49 in 1918 and 1·72 the mean to 3·73. The central jails at Myingyan, Mandalay, Myaungmya and Insein suffered severely, and were responsible for 39 out of the 50 deaths. The prevalence in Myingyan was attributed partly to the presence of many weakly prisoners, and partly to defects in the paddy and pegya. This jail suffered from a plague of flies, as did the jails at Insein and Mandalay.

There were 77 attacks and 44 deaths from cholera. In the Myingyan central jail there were 54 attacks with 31 deaths. The epidemic occurred at the end of July. The water supply at this jail was unsatisfactory owing to defects in the pumps. In Insein central jail there were 16 attacks and 10 deaths.

Pulmonary Tuberculosis.—225 admissions with 82 deaths. The admission rate—17—is slightly lower than in 1918, but is much in advance of 9·4 the decennial mean. The death rate rose from 5·26 in 1918 and 4·50 the mean to 6·13. The Inspector General attributes the increased fatality to the indirect influence of influenza.

98 cases were treated in the special ward at Myingyan: most of the cases came from Insein and Rangoon. In spite of the transfer of cases to Myingyan the admission and death rates in these two jails were very high. The Inspector General considers that the infection is not contracted within the jails. The special ward has only accommodation for 50: another similar ward is to be built.

Plague accounted for 7 admissions and 5 deaths: there were 4 fatal cases in Bhamo, and one in Prome jail. Anti-plague vaccine was used in the Rangoon jail.

There were 757 admissions and 14 deaths from ankylostomiasis.

The exceptionally high mortality in Myingyan central jail (116.97) is partly due to the deaths of tuberculous prisoners transferred from other jails. Excluding this factor the death rate would still have been high owing to cholera and dysentery.

The Mandalay central jail returned a death rate of 38.53, due largely to dysentery and pneumonia: the death rate for the Insein jail was 36.93; cholera pulmonary tuberculosis and dysentery being the main factors.

#### ANDAMANS.

107. The average strength was 12,309 as compared with 12,856 in 1918, and 12,278 the decennial mean.

The Medical establishment consists of 1 Senior Medical Officer, who is also Civil Surgeon, 1 Military Assistant Surgeon, who is also in charge of the Military Police Hospital, and 3 Civil Assistant Surgeons. To maintain the health of the army it is considered that about 3 commissioned medical officers per mille of strength are essential: on this standard the medical personnel at the Andamans has more work than it can do efficiently.

The admission to hospital rate was 1,810 against 1,655 in 1918 and 1,566 the mean. The death rate was 45.82 as compared with 47.76 in 1918 and a mean of 35.23. The main causes of sickness and mortality were influenza, malaria, dysentery, pneumonia and pulmonary tuberculosis.

For influenza there were 229 admissions with 75 deaths. The cases occurred in continuation of the 1918 epidemic, and there was practically no influenza after the end of January.

Malaria accounted for 14,828 admissions with 60 deaths. The admission rate rose from 864 in 1918 and 972 the mean to 1,205, the death rate from 2.49 in 1918 and 2.71 the mean to 4.87.

The reclamation of the Aberdeen swamp was completed in 1918, while considerable progress was made in 1919 with the Phoenix bay swamp. These improvements only affected 30 per cent. of the convicts.

There were 17 admissions and 7 deaths for black water fever against 8 and 3 in 1918 and 6 and 1 in 1917.

It may be that the enhanced incidence of malaria in 1919 was due to the enfeeblement of the convicts as a result of the influenza epidemic, but allowing for this the mean incidence is more than fourfold that in the jail community.

in India. The future of the settlement is therefore intimately bound up with the prevalence of malaria.

Dysentery.—There were 1,608 admissions with 123 deaths. The admission rate rose from 94 in 1918 and 87 the mean to 131: the death rate from 6'14 in 1918 and 5'34 the mean to 9'99.

The Chief Medical Officer writes :— “ An expert enquiry into this disease has been under consideration for 10 years. As soon as normal peace conditions are resumed, it is hoped that this expert advice may be placed at the disposal of the settlement, together with sufficient medical staff to carry out its recommendations.”

Pulmonary Tuberculosis.—87 admissions with 54 deaths. The Chief Medical Officer recommends that, as the climate of the Andamans is bad for these cases, convicts so afflicted should be transferred to Indian jails.

When provincial arrangements for the segregation and treatment of tuberculous prisoners have been completed this recommendation is worthy of consideration.

Pneumonia caused 154 admissions and 77 deaths.

Major Christophers in his report drew attention to the close association between malarial infection and fatal lobar pneumonia.

Admissions for scurvy rose to 50 as compared with 26 in 1918, 35 in 1917, 75 in 1916 and 243 in 1915. It was only possible, owing to scarcity, to issue fish to the convicts 2 or 3 times in a month. The vegetables supplied to the convicts from Haddo were comparatively poor in quality, owing possibly to the character of the soil.

Rainfall during the year amounted to 92'2 inches as compared with 114'38 the mean.

in India. The form of the scheme is therefore intimately bound up with the prevalence of the disease.

Statistics.—Cases were 1,608 admissions with 123 deaths. The admission rate rose from 24 in 1915 and 27 in 1916 to 31 in 1917; the death rate from 6.1 in 1915 and 5.24 in 1916 to 7.75 in 1917.

The Chief Medical Officer writes:—An expert enquiry into this disease has been under consideration for some years. As soon as normal peace conditions are attained it is hoped that this expert advice may be placed at the disposal of the Government. In the meantime medical staff to carry out its recommendations.

Polio-cases.—Polio-cases with 24 deaths. The Chief Medical Officer reports that at the clinic of the Andamans is held for these cases, several of which should be transferred to Indian jails.

When practical arrangements for the registration and treatment of infectious diseases have been completed the recommendation is worthy of consideration.

Prevalence of the disease and its statistics.

Major Christophers in his report draws attention to the close association between malarial infection and fatal polio.

Admissions for malarial fever rose to 52 in 1917, 55 in 1918, 75 in 1919 and 112 in 1920. It was only possible owing to scarcity of food for the convalescent cases in a month and the vegetables supplied to the convalescent cases were comparatively poor in quality owing possibly to the character of the soil.

Rainfall during the year was much below the normal as compared with 11.35 the mean.

## SECTION V.

## VACCINATION AGAINST SMALL-POX

108. The total number of operations was 10,870,446 against 9,040,464 in the previous year. In primary vaccinations the increase was 581,122. The increase of 1,248,860 in revaccinations was almost entirely due to the effort made in Bengal to combat the small-pox epidemic. Details are given in the following table :—

Province.	TOTAL NUMBER OF VACCINATIONS PERFORMED.		PERCENTAGE OF SUCCESSFUL CASES TO TOTAL VACCINATIONS.		Average cost of each successful case.	Number of deaths from small-pox.	
	Primary.	Re-vaccinations.	Primary.	Re-vaccinations.			
					Rs. A P.		
Delhi ...	1918	12,294	4,345	99°04	71°84	0 2 9	116
	1919	11,727	4,222	99°51	79°59	0 3 9	73
Bengal ...	1918	1,295,331	489,486	95°52	65°06	0 2 6	8,576
	1919	1,646,099	1,540,543	96°99	67°50	0 1 8	37,010
Bihar & Orissa ...	1918	919,084	53,339	99°46	68°31	0 1 10	6,091
	1919	925,366	129,539	99°41	68°76	0 1 10	10,175
Assam ...	1918	237,005	52,179	95°16	68°53	0 3 11	2,147
	1919	328,692	113,174	95°71	72°04	0 3 3	1,432
United Provinces of Agra & Oudh.	1918	1,273,821	146,511	97°09	65°56	0 2 7	2,908
	1919	1,290,912	134,842	96°29	65°01	0 2 8	1,993
Punjab ...	1918	566,062	428,531	98°64	79°84	0 2 10	3,032
	1919	605,143	323,679	97°95	76°18	0 3 5	15,365
North-West Frontier Province.	1918	98,821	18,087	99°12	93°68	0 2 4	81
	1919	108,662	25,870	99°07	93°36	0 2 2	1,204
Central Provinces and Berar.	1918	447,886	91,247	97°01	56°30	0 4 7	2,186
	1919	387,353	85,139	96°59	55°18	0 5 9	7,342
Madras ...	1918	1,333,313	300,520	77°9	62°0	0 6 1	58,752
	1919	1,384,020	229,597	78°2	56°8	0 7 4	41,732
Coorg ...	1918	8,172	5,057	94°13	70°49	0 5 3	47
	1919	8,106	6,278	94°63	75°51	0 5 7	529
Bombay ...	1918	600,710	79,216	99°63	58°14	0 10 9	8,063
	1919	611,264	107,389	99°47	55°79	0 14 2	6,232
Burma ...	1918	425,618	141,109	97°88	65°30	0 7 8	750
	1919	492,073	358,911	97°37	60°56	0 6 4	3,917
Ajmer-Merwara ...	1918	11,670	1,050	95°64	89°57	0 4 7	27
	1919	11,492	354	95°06	93°55	0 5 11	73
Total ...	1918	7,229,787	1,810,677	91°46	62°55	0 4 2	93,076
	1919	7,810,709	3,959,537	94°6	67°48	0 4 2	136,077

## VACCINE LYMPH.

109. Practically all the operations were carried out with vaccine lymph taken from the calf.

The use of fresh calf lymph is practically confined to the cities of Bombay and Calcutta.

Calf lymph mixed with Lanoline is used in Madras Presidency and parts of Bengal. In Madras it will be noted that the success rate for primary vaccination is only 78 per cent, while lanolinated vaccine in Bengal gave a success rate of 97 per cent. The reason for the poor results in Madras is under close enquiry by the local authorities.

Glycerinated calf vaccine is gaining in popularity in Bengal: 1,203,713 persons were vaccinated with this vaccine against 129,654 in 1918 and 35,370 in 1917.

## GENERAL REMARKS.

110. In Bengal alone the increases in primary vaccinations and revaccinations were 350,768 and 1,051,057, respectively. A small-pox epidemic was in some measure responsible for these increases, but a special campaign including the issue of circulars, illustrated leaflets and posters undoubtedly had great influence.

The successful rate obtained in primary vaccination was satisfactory except in the Madras Presidency. Although the system of inspection of results varies to some extent in the different provinces, the majority of the inspections is done by Inspectors and Sub-Inspectors. The following table gives details:—

Provinces.	RESULTS INSPECTED BY			SUCCESS RATE OF INSPECTED RESULTS.	
	Civil Surgeons.	Deputy Sanitary Commissioners.	Inspectors.	Primary.	Revaccination.
Bengal ...	51,483	...	19,103,556	98'00	69'54
Delhi ...	1,201	...	...	89'77	82'02
Bihar and Orissa ...	59,109	24,905	509,759	95'19	85'42
Assam ...	...	26,232	202,268	92'46	66'07
United Provinces ...	...	769,460	...	95'22	55'12
Punjab ...	71,129	...	740,586	95'46	74'25
North-West Frontier Province.	3,902	...	130,608	98'56	93'07
Central Provinces ...	...	29,859	224,690	94'32	35'23
Madras ...	32,994	...	1,178,841	78'7	52'2
Bombay ...	...	24,553	285,235	98'61	31'56
Burma ...	...	104,222	285,235	96'12	51'80

The results obtained after inspection are not exactly comparable with those returned by vaccinators, for on inspection many children vaccinated in previous years are seen, but they show that while the work is on the whole satisfactory there is room for improvement. This improvement will be attained gradually through the careful training which vaccinators now receive in several provinces.

#### DELHI PROVINCE.

111. The total number of vaccinal operations fell to 15,949 from 16,639 in the previous year. The fall is attributed to malaria. In Delhi city 65 per cent. of the children estimated as available were successfully vaccinated.

Under 10 per cent. of the vaccinal operations were checked by inspectors.

#### BENGAL.

112. 3,181,727 persons were vaccinated against 1,773,715 in the previous year. The increase was largely due to a special campaign instituted to combat an epidemic of small-pox.

In the Municipalities 83.6 per cent. of infants surviving the first year of life were protected by vaccination. Civil Surgeons inspected 1.62 per cent. and Inspectors and Sub-Inspectors 35.63 per cent. of total operations.

#### BIHAR AND ORISSA.

113. The total number of operations rose from 972,423 in 1918-19 to 1,054,905. The latter figure is below the average for the triennial period ending 1916-17.

In the Municipalities 74.3 per cent. of the infants calculated as available were successfully vaccinated. It should be noted, however, that this figure as in other Provinces of India, is largely vitiated by indifferent birth registration in Municipal areas.

In rural areas the percentage of available children successfully vaccinated was 39.1.

Civil Surgeons and Deputy Sanitary Commissioners inspected 8 per cent. of operations and Inspectors 48 per cent.

#### ASSAM.

114. The total number of operations rose from 289,184 in 1918-19 to 441,866 licensed vaccinators are no longer employed in the Province. Civil Surgeons inspected 6 per cent. and Inspectors 45.7 per cent. of total operations.

58.8 per cent. of infants estimated as available for vaccination in areas in which the compulsory act is in force were protected.

#### UNITED PROVINCES.

115. The numbers of persons vaccinated were slightly less than in 1918-19. The figure 1,409,481 is below the average 1,634,075 for the triennium ending 1916-17. 81 per cent. of the infants in municipal towns who survived the first year of life were successfully vaccinated.

In the whole province 53,59 of the infants born were vaccinated.

54 per cent. of the total operations were verified by Deputy Sanitary Commissioners and Inspectors.

#### PUNJAB.

116. The total number of operations came to 928,822 showing a decrease of 65,771 over the previous year. The province suffered very severely from malaria in 1917 and influenza in 1918. 77 per cent of the infants born in Municipal Towns and who survived the first year of life were successfully vaccinated. In the towns in which the vaccination act is in force, the figure is 80 per cent; in the towns in which it is not in force 63 per cent. 7 per cent. of operations were inspected by Civil Surgeons and 79 per cent. by Inspectors. The number of Inspectors employed was 32 and the vaccinators 311.

#### NORTH-WEST FRONTIER PROVINCE.

117. The operations totalled 134,532 representing an increase of 17,724 over the previous year.

Civil Surgeons inspected 2.9 per cent. and inspectors 97 per cent. of total operations. 8 Inspectors and 38 Vaccinators were employed during the year.

#### CENTRAL PROVINCES.

118. 467,296 persons were vaccinated during the year against 539,133 in 1918-19. 84 per cent. of the infants born in municipal towns and who survived the first year of life were successfully vaccinated.

Civil Surgeons inspected 6 per cent. and Inspectors 48 per cent of total operations. 36 Inspectors and 308 vaccinators were employed during the year.

#### MADRAS.

119. The operations totalled 1,613,617 showing a slight fall over the figure for 1918-19. 2 per cent. of operations were inspected by Civil Surgeons and 73 per cent. by the special staff of Inspectors.

During the year, 108 Inspectors and 617 vaccinators were employed.

#### BOMBAY.

120. The operations performed totalled 718,653 against 679,926 in 1918.

The Deputy Sanitary Commissioners inspected 3 per cent and Inspectors 39 per cent. of vaccinated persons.

45 Inspectors and 514 vaccinators were employed during the year.

#### BURMA.

121. 838,827 persons were vaccinated against 562,671 in 1918-19. The increase was mainly in revaccinations and was largely due to active campaign in Yamethin district organised by the Deputy Commissioner to meet a threatened invasion of small-pox.

The Deputy Sanitary Commissioners and Civil Surgeons inspected 12·2 per cent. and Inspectors 34 per cent of total operations.

76 Inspectors and 324 vaccinators were employed during the year.

VACCINATION AMONG TROOPS.

122. Particulars of vaccination in the Army will be found in Statement III of the Appendix to this Section.

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## SECTION VI.

# MEDICAL INSTITUTIONS.

(Contributed by the Director-General, Indian Medical Service.)

### 1. State Public, Local Fund and Private-aided Civil Hospitals and Dispensaries—

123. There were 3,111 of these institutions in 1918; during 1919 the number increased by 116 giving a total at the end of 1919 of 3,227.

The total number of patients treated has decreased from 35,154,165 in 1918 to 35,078,305 in 1919. The number of operations has increased from 1,326,182 in 1918 to 1,368,614 in 1919, an increase of 42,432.

The following tabular statement compares the figures of 1918 with 1919 for all provinces :—

Province.	Number of Institutions.	Number of In-patients.	Number of Out-patients.	Total number of patients.	Number of Operations.	
Delhi	1918	13	3,203	45,205	48,408	15,152
	1919	14	8,065	318,488	326,553	16,261
Bengal (excluding Calcutta)	1918	489	44,535	4,992,519	5,037,084	103,735
	1919	514	48,603	5,113,233	5,161,836	106,852
Calcutta	1918	18	31,475	369,005	400,480	35,421
	1919	18	36,963	373,274	410,237	43,688
Assam	1918	140	9,070	1,454,341	1,463,411	23,150
	1919	179	9,274	1,524,792	1,534,066	23,580
Bihar and Orissa	1918	266	39,523	2,855,044	2,894,567	124,839
	1919	275	45,615	2,735,949	2,781,564	139,254
Central Provinces	1918	195	18,141	2,019,091	2,037,232	48,022
	1919	207	19,128	1,999,304	2,018,430	52,383
United Provinces	1918	467	81,354	5,270,196	5,351,550	233,078
	1919	468	81,206	5,299,671	5,380,877	239,038
Punjab	1918	318	88,386	4,869,169	4,957,555	242,925
	1919	330	93,141	4,737,770	4,830,911	261,904
Burma	1918	188	75,793	1,776,110	1,851,903	51,608
	1919	196	80,026	1,727,235	1,807,261	53,130
Bombay	1918	369	73,132	2,511,117	2,584,249	97,607
	1919	379	75,045	2,317,214	2,392,259	96,359
Madras	1918	573	115,154	7,428,051	7,543,205	308,932
	1919	578	124,051	7,419,516	7,543,567	297,933
North-West Frontier Province	1918	50	11,314	717,863	729,177	35,347
	1919	46	10,657	636,246	660,903	32,590
Baluchistan	1918	25	5,829	249,515	255,344	6,316
	1919	23	5,160	22,467	229,839	6,242
Total	1918	3,111	596,909	34,557,256	35,154,165	1,326,182
	1919	3,227	636,934	34,441,371	35,078,305	1,368,614

## DELHI.

124. 23 Dispensaries were open during the year as against 21 in 1918. Of these 8 are State special, 11 Local fund, 3 private-aided and 1 railway.

There has been a steady increase in the number of patients treated; 349,536 as against 346,530, a net increase of 3,006.

There is a large increase in the total number of operations performed. The figures for 1919 and 1918 being respectively 16,261 and 15,534.

During the year there was a decided increase in cases of malaria which accounted for 26.5 per cent of the total number of cases treated.

The total expenditure was Rs. 2,01,390 in 1919 as against 1,66,392 in 1918.

## BENGAL (excluding Calcutta).

125. There was an increase of 27 institutions. During the year a scheme for the registration of nurses in the Bengal Presidency was inaugurated, the object of which is to raise the status and protect the interests of trained nurses and to enable employers to distinguish between the certificated and uncertificated. The register is maintained by the Calcutta Hospital Nurses Institution; at the end of the year 66 nurses were registered.

## CALCUTTA.

126. There has been one addition to the list of Calcutta institutions. The number of institutions at the end of the year 1919 was 23.

The Carmichael Hospital of Tropical Diseases has been completed at a cost of Rs. 3,29,582. It has been equipped to accommodate 98 patients, while 18 more beds will be added when suitable accommodation is provided for nurses.

Proposals are under consideration for providing an Out-Patient Department, which will allow of the investigation and treatment of leprosy, tropical skin diseases, etc.

The maintenance charges for the year were Rs. 30,23,660.

In the Medical College Hospitals, 40,395 operations were performed, the highest record to date; this number includes 8,683 selected operations.

## ASSAM.

127. The year closed with 238 institutions, an increase of 44 over the figures of 1918.

The Sylhet Leper Asylum still continues to do good work. The total number of patients admitted was 46 against 50 in 1918.

The maintenance charges for the year were Rs. 4,08,523, of which Rs. 5,355 was contributed by Europeans and Rs. 29,035 by Indians.

## BIHAR AND ORISSA.

128. The year opened with 425 institutions and closed with 428, a net increase of 3.

There were 15 travelling dispensaries at work at the end of the year. The number of patients treated by these travelling dispensaries shows a very marked increase. His Honour the late Lieutenant-Governor made a grant of Rs. 4,000 for the purchase of Novarsenobillon for the treatment of syphilis; the number of patients seeking treatment for this disease is on the increase.

#### CENTRAL PROVINCES AND BERAR.

129. There were 306 institutions open during the year.

Several cases of leprosy were treated with intravenous injections and sodium gynocardate, the results being favourable.

There has been a marked decrease in the number of patients treated for diabetes in almost all the districts during the last year.

The Civil Surgeon, Wardha, has reported that visitations of plague are becoming less severe and that in a few cases treatment with small and repeated doses of iodine with carbolic acid proved effective.

The number of surgical operations performed during the year was 52,583 against 48,022 in 1918.

The Robertson Medical School, Nagpur, is in its sixth year of working and is progressing well. A Compounder class for training Compounders was started at the school on the 1st of July 1919.

#### UNITED PROVINCES.

130. The year opened with 645 institutions and closed with 647, an increase of 2. Two female hospitals one at Aonla in the Bareilly District and the other at Khurja in the Pulandshahr District were opened in June 1919.

During the year the number of patients treated in the various hospitals has shown a most satisfactory increase.

110 Travelling Dispensaries were working throughout the year; the increase in the number of patients who resorted to them for medical and surgical relief bears testimony to their usefulness and popularity.

The popularity of the Medical College Hospitals is now fully established; the great want of the institution is more accommodation. During the year 50 beds were constantly filled by war patients, most of whom came from Mesopotamia; nearly all cases were of a very serious nature or such as required special nursing and treatment.

The total expenditure was Rs. 18,55,309 as against Rs. 17,49,353 in 1918.

#### PUNJAB.

131. The number of institutions has increased by 13. At the close of 1919 there were altogether 504 dispensaries or a nominal average of one institution to every 40,000 persons, but it must be noted that there are included in this total no less than 130 departmental dispensaries not open to the general public.

Among the more important institutions which are under construction or contemplated are a new European Maternal block in the Walker Hospital at Simla

and a fully equipped hospital for Europeans and Indians in Murree, the latter scheme being rendered possible by a generous gift of a suitable house and grounds by Sirdars Sohan Singh and Mohan Singh of Rawalpindi.

The Punjab Government has agreed to pay for 5 years the salary of a Health Officer for each district, whose primary duty will be to relieve the civil surgeon of all public health work and in the case of three selected districts, the Government will, in addition, meet the cost for the same period of the District Health Officers' establishment and the pay of the Sub-Assistant Surgeons required for new dispensaries on the condition that the District Board finances the initial and recurring cost of these dispensaries.

The sanction of the Secretary of State having been received to the entertainment of the additional staff for the enlarged Mayo Hospital, the new wards and theatres have been taken into use.

The Punjab Medical School for women which is incorporated with the Women's Christian Medical College, Ludhiana and is the recognised Government school for the training of women for a medical career has continued to supply trained workers for employment in Women's Hospitals and dispensaries so far as it was in a position to do so.

Classes for the training of nurses, *dais* and indigenous *dais*, have been carried on at various centres wholly or partly assisted by the Victoria Memorial Scholarship Fund.

#### NORTH-WEST FRONTIER PROVINCE.

132. The year opened with 83 hospitals and dispensaries and closed with 74, a decrease which was inevitable in consequence of Frontier troubles rendering certain dispensary areas unsafe and the continued demand for medical personnel for military duty.

A large decrease in the number of out-patients has to be recorded, the number treated being no less than 46,816, less than in 1918. This decrease is mainly due to the closing of the Militia Hospitals in the Tochi, Wano and Khyber Agencies.

The total number of operations performed was 32,590. The number of selected operations was 3,607.

The report is not an encouraging one, as it shows a large diminution in the medical work and the closure of a number of dispensaries. Owing to the increased shortage of medical personnel due to war conditions, arrangements have been most unsatisfactory especially at Bannu, where officers holding collateral charge have changed so frequently and their military duties have been so arduous that it has been quite impossible for them to give the time and thought necessary for the effective discharge of their additional civil work. Whole-time Civil Surgeons are necessary both at Bannu and Kohat and until these appointments have been sanctioned and filled, medical work in these two districts will continue to be very unsatisfactory.

#### BURMA.

133. The year opened with 262 hospitals and dispensaries and closed with 269, an increase of 7. At the close of 1919, 11 Civil Hospitals and 8 dispensaries

remained closed for want of Sub-Assistant Surgeons to staff them. The progress made in hospital construction has, perforce, been small and many urgent works have been delayed on account of the war.

There is a crying need for hospitals for the segregation of infectious diseases throughout the whole province.

There has been a progressive decline in the number of out-patients ever since the war broke out; the decline, however, is not of any great consequence and will disappear when conditions resume their normal course.

There is a great deal of hospital abuse throughout the province. People who scorn the idea that they are objects of charity have yet no qualms about demanding free medical attendance at institutions intended only for the poor and needy.

#### BOMBAY.

134. There were 755 institutions open at the end of the year as against 740 in the previous year.

Through the generosity of the Western Indian Turf Club, which gave a donation of Rs. 10,000, the X-Ray room was remodelled, electric lights provided in the David Sassoon Hospital and Sister quarters and other improvements were carried out.

The number of women seeking medical relief at hospitals and dispensaries shows a steady increase. In order to secure the services of women doctors and to encourage women to adopt the medical profession 4 Scholarships of Rs. 40 per mensem tenable for 5 years were granted to lady students at the Grant Medical College, and 26 Scholarships of Rs. 20 per mensem tenable for 4 years to those studying at the three medical schools.

The admissions for labour cases showed a considerable increase and in consequence, it has been decided to provide Maternity Wards at certain Civil Hospitals.

The practice of associating private medical practitioners with the staff of medical schools and allied hospitals at Poona and Ahmedabad continues to work satisfactorily.

The total expenditure amounted to Rs. 34,44,865; subscription from Europeans and Indians amounted to Rs. 1,28,277.

#### MADRAS.

135. The number of institutions rose to 730, an increase of 9 over 1918. The question of improving of the headquarter hospitals and of providing quarters for the District Medical and Sanitary Officers and for their Assistants is under consideration. Many of the District Headquarter hospitals recently taken over from local municipalities, are far from being up to date either in buildings, or in surgical and medical equipments.

The new hospital buildings based on type designs, were completed at Guntur and Salem before the hospitals were taken over by the Government.

II.—*State special, Railway and private non-aided Civil Hospitals and dispensaries.*

136. The two following tables show the number of institutions open and give details of the work done in each province.

## State special and Railway Hospitals.

Province.	Number of Institutions.	In-patients.	Out-patients.	Total.	Operations.	
Delhi ... ..	{ 1918	8	1,280	29,481	30,761	695
	{ 1919	9	2,799	30,093	32,897	1,194
Bengal excluding Calcutta ...	{ 1918	97	17,891	374,499	392,390	6,750
	{ 1919	98	19,511	383,003	402,514	7,568
Calcutta ... ..	{ 1918	2	5,282	6,831	12,113	502
	{ 1919	2	3,322	5,829	9,151	444
Assam ... ..	{ 1918	50	4,508	80,594	85,102	926
	{ 1919	51	5,583	95,185	100,768	1,072
Bihar and Orissa ... ..	{ 1918	77	7,911	227,351	235,262	7,373
	{ 1919	75	8,051	215,054	223,105	8,297
Central Provinces ... ..	{ 1918	59	3,865	175,418	179,283	2,862
	{ 1919	62	3,438	173,535	176,973	2,858
United Provinces ... ..	{ 1918	126	21,752	344,145	365,898	7,805
	{ 1919	127	18,202	311,297	329,499	8,033
Punjab ... ..	{ 1918	161	8,154	642,712	650,866	16,939
	{ 1919	164	7,332	638,947	646,279	19,005
North-West Frontier Province...	{ 1918	28	15,477	127,062	142,539	3,223
	{ 1919	23	9,939	80,246	90,185	2,965
Baluchistan ... ..	{ 1918	8	2,095	48,763	50,858	684
	{ 1919	9	2,117	68,568	70,685	1,198
Burma ... ..	{ 1918	74	22,308	232,036	254,344	4,906
	{ 1919	73	20,667	218,701	239,368	5,339
Bombay ... ..	{ 1918	76	14,839	274,846	289,685	5,634
	{ 1919	81	20,611	279,534	300,145	7,206
Madras ... ..	{ 1918	101	11,498	271,588	283,086	5,247
	{ 1919	102	9,949	275,585	285,534	4,900
Total ... ..	{ 1918	867	136,860	2,835,327	2,972,187	63,551
	{ 1919	876	131,521	2,775,572	2,907,093	70,179

## Private, non-aided Institutions.

Province.		Number of Institutions.	In-patients.	Out-patients.	Total.	Operations.
Bengal (excluding Calcutta) ...	{ 1918	152	5,793	1,260,347	1,266,140	21,546
	{ 1919	153	5,291	1,181,325	1,186,616	20,098
Calcutta ...	{ 1918	2	676	29,267	29,943	1,790
	{ 1919		1,072	39,956	41,028	2,410
Assam ...	{ 1918	4	42	21,705	21,747	258
	{ 1919	8	410	29,624	30,034	431
Bihar and Orissa ...	{ 1918	82	9,714	703,846	713,560	28,781
	{ 1919	78	11,653	712,574	724,227	26,327
Central Provinces ...	{ 1918	37	2,458	146,242	148,700	2,669
	{ 1919	37	2,234	150,568	160,802	3,122
United Provinces ...	{ 1918	52	7,381	477,136	484,517	12,303
	{ 1919	52	7,298	430,214	437,512	12,934
Punjab ...	{ 1918	12	1,772	82,265	84,037	3,314
	{ 1919	10	1,152	81,753	82,905	3,940
North-West Frontier Province ...	{ 1918	5	1,045	55,417	56,462	5,090
	{ 1919	5	866	36,355	37,221	3,624
Baluchistan ...	{ 1918	2	129	22,176	22,305	384
	{ 1919	2	110	23,874	23,984	432
Bombay ...	{ 1918	295	24,803	1,744,250	1,769,053	55,757
	{ 1919	295	16,469	2,026,343	2,042,812	63,800
Madras ...	{ 1918	47	15,922	331,938	347,860	17,218
	{ 1919	50	15,985	351,384	377,369	16,894
Total ...	{ 1918	690	69,735	4,874,599	4,944,334	150,200
	{ 1919	693	62,540	5,082,070	5,144,610	154,012

## III.—LUNATIC ASYLUMS.

137. The attached table gives the number of Lunatic Asylums in each province during 1919, the total population of such institutions in each province and the number discharged, cured and died.

The number of asylums has not changed.

There has been a decrease in the admissions and re-admissions during the year largely accounted for by the decrease in the admissions of military insanes.

Province.	Number of Asylums.	Admitted and re-admitted during year.	TOTAL ASYLUM POPULATION.			Discharged cured	Died.	Daily average strength.	Daily average sick.	Criminal Lunatic.		
			Males.	Females.	Total.							
Bengal ... ..	4	247	1068	186	1,254	94	100	996.74	107.78	529		
Assam ... ..	1	101	398	94	492	60	21	402.65	59.83	170		
Bihar and Orissa ... ..	2	133	438	145	583	60	62	387.97	38.72	184		
United Provinces ... ..	3	430	1560	306	1,866	295	123	1,404.85	247.57	351		
Punjab ... ..	1	345 664	990	227	1,217	116	92	874.99	90.58	199		
Central Provinces ... ..	1	325 232	403	113	516	32	53	388.85	34.20	131		
Bombay ... ..	6	325 232	1,647	424	2,071	304	216	1,438.87	45.2	223		
Madras ... ..	3	952	269	1,221	135	127	905.03	81.05	224			
Burma ... ..	2	871	171	1,042	63	80	828.12	159.07	411			
Total	{	1918 ...	23	3,093	8,550	2,026	10,576	1,150	978	7,772.51	849.62	2,456
	{	1919 ...	23	2,608	8,327	1,935	10,262	1,160	874	7,678.90	864.00	2,422

In Bengal, stool examination of the lunatics for the detection of hookworm disease was carried out during the year. At the Berhampore and Dacca Asylums hookworms were found in 116 cases.

The asylum for Indian insanes at Ranchi has not yet been opened but the construction of the buildings for the same is in progress and the question of staff for it is under consideration.

Seventy per cent of the patients admitted to the Patna Lunatic Asylums were found to be suffering from ankylostomiasis.

In Burma, there has been and still is considerably overcrowding especially in the criminal section of the Rangoon Asylum. During the year the Committee appointed by Government to examine the proposals for a new Lunatic Asylum at Rangoon submitted its report and recommended the construction of a new Lunatic Asylum with accommodation for 1,008 inmates at a cost of Rs. 28 lakhs. The Government have decided that the construction of a new Lunatic Asylum for the female section should be taken in hand at once.

The figures for the United Provinces call for no remarks.

There were 26 escapes from the Tèzpur Asylum during the year in Assam.

The accommodation for insanes has been increased in Madras during the year by 16.

In Bombay several additions at the central Lunatic Asylum Yeravda are now being carried out and when completed, additional accommodation for 44 patients will be available. The total population of the asylums shows a steady increase and it is indicative that the public realise the advantages of these asylums and resort to them more than in the past.

*IV—Medical colleges.*

**BOMBAY.**

138. *Grant Medical College.*—At the beginning of the year the number of students on the rolls was 929. Of these 96 left the college on completion of their five years' course of study, and 47 Junior students left owing to their failure in the University pre-final examination; 214 new students were admitted into the College during the year. Of these 68 students joined the second year course, having passed their preliminary scientific examination from the different Arts Colleges in the Presidency. The total number at present on the rolls is 1,000.

The following statement shows the number of candidates who presented themselves for the various examinations, and the number who passed :—

Examination.	No. of candidates.	PASSED.	
		Males.	Females.
<b>M. B. B. S.—</b>			
Preliminary	289	183	9
Intermediate	298	153	9
Final { Part I	191	84	9
{ Part II	184	97	9
<b>M. D.—</b>			
Branch I.—Medicine	3	1	...
Branch II.—Midwifery	2	...	...
<b>BACHELOR OF HYGIENE.—</b>			
M. & S.	5	2	...

*Military Medical pupils.*

At the beginning of the year there were 32 pupils, and in June last 6 fresh—total 38 pupils—of these 9 passed out.

The number at present on the rolls is 29.

## MADRAS.

139. *Madras Medical College.*—There were 523 students on the rolls of the college distributed as follows :—

*Madras Medical College.*

Class.	Males.	Females.	Total.
M. B. & B. S. ... ..	265	18	283
L. M. & S. ... ..	55	3	58
Apothecary ... ..	79	26	105
Chemist & Druggist Class ... ..	6	...	6
Sanitary Inspector Class ... ..	55	...	55
Sanitary Inspectors deputed for quinquennial training ... ..	16	...	16
Total ... ..	476	47	523

8 Military pupils were admitted during the year.

The following table details the number of students who sat for the University examination and the number who passed :—

Examination.	Number examined.	Number passed.
<b>L. M. S.—</b>		
1st Examination ( <i>new</i> ) ... ..	5	3
2nd Examination ( <i>new</i> ) ... ..	21	10
3rd Examination ( <i>new</i> ) ... ..	23	15
Final Examination ( <i>new</i> ) ... ..	24	10
<b>M. B. and B. S.—</b>		
1st Examination ... ..	123	67
2nd Examination ... ..	83	42
3rd Examination ... ..	55	24
Final M. B. & B. S. ... ..	52	15
Total ... ..	386	186

Four Military pupils who volunteered for active service and were posted to military duty in November 1916 were reverted to the College to complete their studies. These and 26 regular pupils were examined by the College Board of

Examiners. Of these two of the former and eleven of the latter were declared as qualified for admission into the Indian Medical Department. They appeared for the Director General's grading examination. Of the 17 pupils who failed, 5 will appear again before the Board of Examiners in June and 9 in September next. Two are recommended to be remanded for one year and one to be removed from the College. One Military pupil died and another intermitted his studies during the session.

One first year M. B. student resigned at the beginning of the session, three were debarred from appearing for the University Examination. Of the five who appeared for the 1st M. B. examination, one passed and another was found qualified for the L. M. & S. Two appeared for the second M. B., one for the third M. B., and all qualified for the L. M. & S. Of the four who appeared for the Final M. B., two passed and two qualified for the L. M. & S. degree.

Of the 47 women students 13 were Europeans and Anglo-Indians, 26 were Indian Christians, 2 Brahmans and 6 non-Brahman Hindus. 42 were Dufferin scholars stipended by the Government of Madras, two held a stipend from the Cochin State, one held a Government European Scholarship and 2 were not in receipt of any stipends.

PUNJAB.

140. *The Lahore Medical College.*—The total number of students on the rolls of the College was 342 :—

Government scholarship holders	{	Punjab ... ..	31
		North-West Frontier Province ...	4
		Non-Government scholarship ...	10
		Other Students ... ..	297
		Total ... ..	342

The following statement gives the number of students who appeared for the University examinations and the number who passed :—

Examination.	Number of candidates.	Passed.
1st M. B., B. S. ... ..	100	52
1st M. B., B. S. (Supplementary) ... ..	11	6
2nd M. B., B. S. ... ..	50	47
2nd M. B., B. S. (Supplementary) ... ..	1	1
Final M. B., B. S. ... ..	44	36
Final M. B., B. S. (Supplementary) ... ..	3	3
1st M. P. L. ... ..	114	66
1st M. P. L. (Supplementary) ... ..	34	23
2nd M. P. L. ... ..	74	68

Examination.	Number of candidates.	Passed.
2nd M. P. L. (Supplementary) ... ..	4	4
Final M. P. L. Examination ... ..	48	35
Final M. P. L. (Supplementary) ... ..	12	10
1st Certificate Examination for Ludhiana Women Students ...	4	4
2nd Certificate Examination ... ..	1	1
Final Certificate Examination ... ..	5	5
1st M. P. L. Examination ... ..	10	8
2nd M. P. L. Examination ... ..	5	5
Final M. P. L. Examination ... ..	10	7

## BENGAL.

141. *The Calcutta Medical College.*—During the year there were 1,086 male, 16 female, and 43 Military students on the rolls of the College; or a total of 1,145 students. Applications for admission numbered 947 as against 887 in the previous year. 153 of the former were admitted. The following statement shows the number of students who appeared for the University examinations and the number who passed.

Description of examination.	1919-20.			
	MALE.		FEMALE.	
	Number appeared.	Number passed.	Number appeared	Number passed.
<i>Regular Students.</i>				
Intermediate Membership, State Medical Faculty.	11	4	...	...
Final Membership, State Medical Faculty ...	22	9	...	...
Preliminary Scientific M. B. ... ..	196	145	4	4
First M. B. ... ..	281	158	1	...
Second M. B. ... ..	276	89	6	1
Doctors in Medicine ... ..	4	...	...	...
Total ... ..	790	405	11	5
Military Pupil Class ... ..	5	5	...	...

Of the 43 Military pupils 5 passed the Final Examination, five resigned and 1 was dismissed.

UNITED PROVINCES.

142. *King George's Medical College, Lucknow.*—There were 147 students on the rolls of the College. 33 students were admitted to the College at the beginning of the session. The following statement shows the number of students who appeared for the different examinations and the number who passed.

Description of Examination.	1919-20.			
	Males.		Females.	
	Appeared.	Passed.	Appeared.	Passed.
1st M. B., B. S. ...	37*	26*	...	...
Final M. B., B. S., Group A. ...	20	12	...	...
Final M.B., B. S., " (Supplementary).	4	3	...	...
Final M. B., B. S., Group B. ...	25	18	...	...
Final M. B., B. S., Group B. (Supplementary).	5	5	...	...

\* One student of the 3rd year class who failed in Materia Medica only in the first M.B., B.S., examination of 1919 appeared at the University examination in 1920 and passed.

During the year several minor works were carried out including the provision of electric current meters in all the buildings, the construction of an Ironing and drying shed is in progress. A brick-on-edge platform was constructed in the dairy and the road connecting the Sitapur road with the T. G. students' Hostel was completed.

V.—*Medical schools.*

There are 18 medical schools distributed as follows:—

Bengal 2, Madras 6, Bombay 3, United Provinces 1, Punjab 2, Burma 1, Bihar and Orissa 2, Assam 1.

BENGAL.

143. *The Campbell Medical School.*—During the year there was a total of 529 students on the school rolls, of whom 510 were males and 19 females.

The following table gives the number of students who appeared for examinations:—

Examination.	Students.		Passed.	
	Males.	Females.	Males.	Females.
Compoundership Examination ...	110	1	101	1
Licentiate Examination of the State Medical Faculty—				
Final Examination ... ..	114	4	81	3
Intermediate ... ..	146	5	117	3
Primary ... ..	158	10	127	9

One additional demonstrator of anatomy was appointed during the year.

86 students passed the course in ordinary squad and stretcher drill.

*Dacca Medical School.*—There were 429 male and 10 female students on the rolls of the schools—making a total of 439.

The following table shows the results of the school examination :—

Examinations.	CANDIDATES.		PASSED.	
	Males.	Females.	Males.	Females.
Compoundership Examination ... ..	52	...	45	...
Licentiate Examination of the State Medical Faculty—				
Final Examination ... ..	119	...	44	...
Intermediate ... ..	66	3	100	3
Primary ... ..	152	3	148	2

To meet the requirements of the new physiological laboratory and other departments, a sum of Rs. 4,700 has been sanctioned for equipment.

#### MADRAS.

144. *Medical School, Royapuram.*—At the beginning of the year there were 463 pupils including 93 in the Indian Military pupil class. 118 students appeared for the 1st year examination and 53 passed. 98 students appeared for the 2nd year examination and 44 passed. 80 students appeared for the 3rd year examination and 56 passed, and out of 89 final year students 41 were successful.

There were six lady students in the school, 2 in their final year of study and 4 in their third.

All lady students are now advised to go to the new Medical School for Women at Vellore.

During the year nine Sub-Assistant Surgeons were appointed as Assistant lecturers and teachers, this addition to the staff will allow of more individual attention being given to students.

*Prince of Wales' Medical School, Tanjore.*—There were 230 pupils on the rolls. Out of 30 pupils who went up for the final (L.M.P.) examination 10 passed.

21 and 27 respectively passed the 3rd and 2nd year examinations and 51 out of 83 first year pupils were successful at the first year examination.

The new school buildings under construction are almost completed.

*Medical School, Vizagapatam.*—There were 222 pupils on the rolls of the school. Of 36 final year, 42 third year, 45 second year and 61 first year pupils

who appeared for the Board examination 18, 40, 35, and 45 of each respective class passed the examination.

*Medical School, Calicut.*—There were 80 students on the rolls of the school. There were 112 applications from candidates for admission, of which 30 were selected but only 24 joined the school.

24 pupils appeared for the 1st year examination, 22 passed.

28 students appeared for the second year examination and 15 passed.

25 students appeared for the 3rd year examination and all passed.

*Medical School, Madura.*—During the year there were 49 pupils on the rolls of the school.

29 pupils appeared for the final L. M. P. examination and 11 passed.

19 pupils appeared for the third year examination and 18 passed.

*Medical School for Women, Vellore.*—

#### BOMBAY.

145. *Medical School, Hyderabad (Sind).*—The *Byramjee Jeejeebhoy Medical School, Poona.*—There were 216 students on the school rolls during the year. 51 students appeared at the final L. C. P. S. examination in May and November 1919. Of these 30 passed, of whom 6 were Indian Military pupils.

*The Byramjee Jeejeebhoy Medical School, Ahmedabad.*—There were 316 students on the rolls of the school.

#### UNITED PROVINCES.

146. *Medical School, Agra.*—There were 532 male students and 65 female students on the school rolls during the year. Of the male students 313 belonged to the military class.

92 male students and 11 female students passed the final examination.

123 male and 13 female students passed the junior qualifying examination.

These candidates are eligible for the L. M. P. after undergoing a post graduate course of study for eight months at the school.

The hostel accommodation continued to prove insufficient. 250 students were accommodated in six temporary hostels in the city.

There was great difficulty in providing uniforms for the students, the Army Clothing Department being still unable to supply them.

1,321 suits of khaki and 674 serge uniforms were made in the school.

The question of drill continues a difficult problem. It is essential that such a large number of military students should be given training in Infantry and stretcher drill. The number of students is still far in excess of the teaching power of the staff and the clinical material available in the hospitals.

The construction of maternity and gynæcological wards in the Thomason Hospital is in progress.

#### PUNJAB.

147. *Medical School, Lahore.*—The number of students on the rolls was 412; of these 215 belonged to the Indian Military pupil class, 14 to the civil, 9 to the North-West Frontier Province, 39 to Burma, 24 to the local class. 47 students appeared for the final M. P. L. diploma and 41 passed.

*Ludhiana Medical School and College for women.*—10 students appeared for the final M. P. L. examination and 7 passed. 10 students appeared for the first examination for the M. P. L. diploma and 5 for the second examination, 8 passed the 1st examination and all passed the second.

For the college certificate examinations, 5 students appeared for the final examination and all passed, 1 for the second examination and passed. 4 candidates appeared for the 1st certificate examination and all passed.

#### BURMA.

148. *Government Medical School, Rangoon.*—There were 165 students on the rolls of the school, of these 7 were females. 17 students appeared for the final diploma examination and 16 passed including two female students.

43 students appeared for the junior (2nd year) examination for diploma and 41 passed including 1 female student.

#### BIHAR AND ORISSA.

149. *Temple Medical School, Patna.*—There were 246 students on the rolls during the year. 22 candidates appeared at the final examination for the M. P. L. diploma and 16 passed. In the examination for the compounder class 76 students appeared for the examination, of these 65 passed. No additions and alterations were made in the school buildings during the year.

The question of the conversion of the Temple Medical School into a Medical College is now being actively carried forward and the sanction of the Government of India is being obtained. The establishment of the Medical College was made possible by the donation of five lakhs of rupees generously given by Maharajadhiraj Sir Rameshwara Singh, G.C.I.E. K.B.E. of Darbhanga.

*The Orissa Medical School, Cuttack.*—There were 192 male and 6 female students on the roll during the year.

42 students appeared for the final examination for the M. P. L. diploma, of these 25 passed. 32 students appeared for the primary examination, of whom 22 passed.

In addition 35 candidates appeared for the examination in physics and chemistry, of whom 28 passed.

63 students appeared for the compoundership examination, of whom 43 passed.

The construction of a hostel for male students is in progress.

## ASSAM.

150. *Berry-White Medical School, Dibrugarh.*—There were 164 students on the rolls during the year. 31 out of 42 students passed the final qualifying examination, and 21 out of 28 the primary examination.

74 students appeared at the compoundership examination and 55 students passed. No additions were made to the main buildings of the school during the year.

*The X-Ray Institute of India, Dehra Dun.*

151. The supply duties of the X-Ray Institute during the past year have been on much the same scale as in 1918. The total number of X-Ray Sections drawing their supplies from this Institute has been 81.

The services of the Travelling Electrician attached to the Institute have been required for a number of X-Ray sets on the Frontier and a separate report concerning the management of these sets has already been submitted to the Assistant Director General, Indian Medical Service.

During the year the Red Cross Hospital for British patients, which was attached to the X-Ray Institute was closed under the orders of the Director, Medical Services in India.

The Out-Patient Department was at the same time closed, but since that date (15th April 1919) a constant demand for Electrical and Orthopædic treatment of soldier out-patients, has arisen and the necessary arrangements have been made in the X-Ray Institute.

The number of sittings given for treatment was 12,144. The number of Radiographic Examinations made during the year was 2,400.

There is attached to the X-Ray Institute a small Indian Hospital for the reception of Indian pensioners disabled in the War and in this Hospital necessary Surgical and other Orthopædic treatment is provided.

Captain S. M. Hepworth, I.M.S., was specially selected and sent on deputation to England for special training in Orthopædic Surgery and is posted to the Hospital as Surgeon.

The Branch Installations at Delhi and Simla have been working in a very satisfactory manner and the number of cases for Radiographic Examination and Treatment has been steadily increasing.

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## SECTION VII.

# SANITARY WORKS

### INDIA.

152. Out of a sum of Rs. 8,67,000 at the disposal of the Government of India during 1918-19 for sanitary purposes grants were made to the extent of Rs. 8,66,900. Rs. 4,50,000 were given for the improvement of sanitary arrangements in connection with pilgrim centres in Madras, Bombay, the United Provinces and Bihar and Orissa; Rs. 1,00,000 for Badrinath-Kedarnath pilgrim route; Rs. 1,32,000 for Dhar Housing Scheme, Simla, and Rs. 50,000 for certain sanitary improvements in Delhi.

The following paragraphs contain information regarding sanitary works carried out or in progress in the several provinces :—

### BENGAL.

153. The number of municipalities in 1918-19 remained unchanged. The total income, excluding the opening balance of Rs. 16,84,481 and extraordinary and debts amounting to Rs. 7,69,222, was Rs. 64,52,693 as compared with Rs. 58,62,251 during the previous year. The net income was equivalent to Rs. 3·2 per head of population. The total receipts from all sources including the opening balance amounted to Rs. 89,05,396 against Rs. 83,58,974.

The total municipal expenditure on sanitation amounted to Rs. 32,90,220, or 36·9 of the total receipts, and included Rs. 16,77,564 for conservancy, Rs. 8,01,811 for water supply, Rs. 2,66,422 for drainage and Rs. 2,74,387 for treatment of the sick.

The expenditure on sanitation amounted to Rs. 1·6 per head of population; or, if construction of roads be included, to Rs. 2.

A lump grant of Rs. 13,70,000 was allotted by the Government of Bengal for expenditure on sanitary works during 1919-20: the chief items being Dacca sewerage scheme Rs. 3,00,000; Krishnagar water supply scheme, Rs. 1,25,000; Amta drainage scheme Rs. 1,00,000; anti-malarial works in connection with irrigation department Rs. 1,94,000; Midnapur water supply Rs. 73,000, and distribution of quinine Rs. 50,000. The Dacca sewerage project is estimated to cost Rs. 30 lakhs, towards which Government has promised a grant of Rs. 25 lakhs.

The total cost of sanitary works executed by all agencies during 1988-19 amounted to Rs. 13,01,709 against Rs. 14,25,040 during the previous year. 128 septic tank latrines, including five new installations, were working during the year. These latrines were regularly inspected. Some difficulty was experienced in sterilising the effluents before discharge into the river, but it is expected that this will be overcome in the near future.

A special Deputy Sanitary Commissioner with a travelling laboratory was appointed to enquire into the causes of pollution of the river Hooghly. A river length of 29 miles was surveyed before the end of the year, but further work remains to be done.

Prior to the passage of the village self-Government Act sanitation in rural areas was under the control of District Boards. Now certain village committees will possess sanitary duties and the power of levying rates to meet the necessary expenditure. In recent years increasing amounts have been disbursed by district boards for the improvement of water supplies. During 1919 over 6½ lakhs of rupees were spent on the construction of new tanks and wells in rural areas, and over Rs. 68,000 for the upkeep of existing tanks and wells.

The revenue of district boards is insufficient for the public health needs of the population, and the Sanitary Commissioner of the Province points out that advance is being hampered by the "practice of devoting a large proportion of general revenue to items of capital expenditure which might legitimately be met from loans". The need for more money is very urgent for, without funds it will be impossible to deal adequately with cholera which in 1919 attacked nearly 16,000 villages.

154. *Sanitary Board.*—The Board met nine times in the year and considered six sketch projects for water supply and drainage involving a total estimated cost of Rs. 7,32,430. Four detailed schemes for water supply involving an expenditure of Rs. 7,17,131 were also submitted to Government for final approval.

Amongst others the following miscellaneous questions came before the Board for consideration.

1. Notes on proposal for enabling malaria epidemics to be foreseen and mitigated, by Sir Leonard Rogers and Dr. Bentley.
2. Influence of railway construction on public health.
3. Distribution of the quinine grant from Government.
4. Malaria survey of the Arool and Bookbhora bils drainage areas, etc.
5. Malaria in Birnagar and in villages Bhatjungla and Dignagar in the Nadia district.
6. Working scheme for the distribution of quinine in rural areas.

#### ASSAM.

155. There were 15 municipalities and 10 unions during the year. No information as to income and expenditure was received from two unions. The total income during 1919 of the remaining municipalities and unions, including the opening balance of last year, amounted to Rs. 7,64,093 as compared with Rs. 8,07,202 in the preceding year. Of this a sum of Rs. 3,27,577 or 42·87 per cent was spent on different sanitary works and included Rs. 1,91,565 on conservancy, Rs. 87,907 on water supply and Rs. 30,018 on drainage against Rs. 1,76,773, Rs. 1,51,748 and Rs. 16,466, respectively, in 1918. The decrease under water supply was due to the inclusion in the figure for 1918 of the cost of the completion of the Sylhet water works.

A total expenditure of Rs. 67,964 was incurred by the Public Works Department on original works and repairs in connection with improvements to towns, drainage, water supply and miscellaneous improvements, as compared with Rs. 21,193 in 1918.

The aggregate expenditure of 19 Local Boards on the improvement of water supplies amounted to Rs. 69,769 against Rs. 88,455 in 1918 and Rs. 2,08,863 in 1917.

156. *Sanitary Board.*—One meeting of the Board was held, all other business having been transacted by the circulation of files and notes. Sketch projects were considered in connection with the improvement of Gauhati water works, augmentation of the water supply of Shillong, remodelling the Tura water works and the extension of the Haflong water works. The following rough projects were considered and forwarded to Government for administrative approval :—

- (a) reclamation of certain insanitary tanks in Gauhati at an estimated cost of Rs. 2,74,965,
- (b) proposals for the organisation of public health administration in rural areas, and
- (c) proposals for the appointment of additional sanitary inspectors.

#### BIHAR AND ORISSA.

157. The total income of 56 municipalities in the province, including opening balance, amounted to Rs. 51,67,226 in 1918-19. Out of this Rs. 17,02,959 or 32·9 per cent were spent on sanitation, and included Rs. 8,75,015 on conservancy, Rs. 5,52,901 on water supply, Rs. 1,43,995 on drainage and Rs. 79,976 on markets.

The whole of the Imperial grant of Rs. 3,33,000 for 1919-20 and the unspent balance of the previous year's grant was allotted. The chief allotments were :—to Patna city municipality for water works Rs. 1,00,000, to the Sanitary Board for the pay of temporary establishment Rs. 59,035 : to Jamalpur municipality for water-works Rs. 45,000 ; to Madhubani municipality for a market Rs. 25,000, and towards salaries of Health Officers Rs. 20,000.

The total income, including opening balance of District Boards, which deal with a population of over 33 millions was Rs. 1,22,04,066 during 1918-19 as compared with Rs. 1,09,29,185 in the previous year. The expenditure on sanitation during 1918-19, was Rs. 3,95,101 or 3·2 per cent of income. The amount spent on sanitation was under one pice per head of population.

158. *Sanitary Board.*—The Board was reconstituted during the year, and now consists of 6 official and 5 non-official nominated members. In addition to its advisory functions the Board has certain administrative powers in connection with the distribution of grants to local bodies for sanitary purposes and the supervision of projects during construction. The work of the Board is facilitated by the formation of two sub-committees one to deal with sanitary projects and the other with public health questions. The Board met five times during 1919-20. Among others the following questions were dealt with :—

- (a) A report by a sub-committee of the Bengal Sanitary Board on depreciation of waterworks and drainage works was considered and referred to the

Projects Committee whose report was recommended to Government for acceptance.

- (b) Rules relating to the management of waterworks and the preparation and execution of sanitary projects were framed and recommended to Government.
- (c) Total grants amounting to Rs. 4,09,799 to be allotted to local Boards for sanitary purposes were recommended.
- (d) Proposals for the formation of a Sanitary Service were considered and recommendations submitted to Government.

The expenditure of the Sanitary Works Division for the year aggregated Rs. 3,03,649, including Rs. 1,10,657 on provincial civil works, and Rs. 88,546 on contribution works (original).

Progress was made with several water supply, drainage and sewerage projects.

#### UNITED PROVINCES.

159. In 1918-19 the total income of municipalities, excluding the opening balance, amounted to Rs. 1,19,00,583 as compared with Rs. 1,03,92,433 in the previous year. Rs. 34,09,469 or 28 per cent of the total income were spent on water supplies, drainage and conservancy.

The Benares municipality spent Rs. 43,776 on drains, sewers, house connections and brick paving of kutchra lanes.

In Cawnpore Rs. 1,78,710—inclusive of a Government grant of Rs. 58,000—were spent on various sanitary improvements, such as the Collectorganj market, a new main and engine, and extension of the outfall sewer.

In Lucknow an Improvement Trust has been formed. Rs. 41,864 were spent on sanitary improvements. Plans and estimates for a sewerage pumping station and a sullage farm were approved and a grant-in-aid made.

In Agra Rs. 33,911 were spent on drains and pavement.

In Allahabad progress was made on the Kydganj drainage scheme.

In Mussoorie Rs. 39,512 were spent on sanitary improvements.

The Maharaja Bahadur of Balrampur sanctioned a grant of Rs. 1,50,000 for the drainage of Balrampur municipality. Rat-proof granaries were constructed at Ballia, the total expenditure up to the close of the year amounting to Rs. 26,832. Almora spent Rs. 11,928 on a sewerage scheme and Rs. 17,244 on waterworks. The Aligarh municipality spent Rs. 15,089 on the construction of pavements; Rs. 9,524 on waterworks, and Rs. 3,994 on drains. Several other municipalities spent smaller sums. District Boards were given a sum of Rs. 68,021 by the Public Health Board, which brought the accumulated funds at their disposal for sanitary work to Rs. 1,99,265. Out of this Rs. 1,21,603 were spent.

160. *Public Health Board.*—The Board held six meetings and sanctioned grants amounting to Rs. 4,39,366, including the sum of Rs. 68,021 allotted for rural sanitation. In addition grants were made by the local government amounting to

Rs. 2,37,985 for seven sanitary projects; including a sum of Rs. 1,00,000 for the improvement of the Tirath Tank and fair area of Gola Gokaran Nath in the Kheri district. The Board gave administrative approval to sanitary projects at an estimated aggregate cost of Rs. 70,99,062.

PUNJAB.

161. By the conversion of Moga into a municipality the number of municipalities in the province was raised from 100 to 101 and that of notified areas reduced from 104 to 103 during 1918-19. At the close of the year three new notified areas were constituted. The total income, excluding the opening balance of Rs. 36,73,713 and "Extraordinary" and debts amounting to Rs. 2,33,520, was Rs. 82,21,813. Of this a sum of Rs. 16,44,855, or 20 per cent was spent on sanitation and vaccination, and included Rs. 8,70,622 on conservancy, Rs. 4,10,825 on water supply and Rs. 1,95,579 on drainage. In addition Rs. 5,88,123 were expended on roads.

The total income of District Boards excluding opening balance amounted to Rs. 94,90,888, and the expenditure on sanitation and vaccination to Rs. 1,36,071, or 1.4 per cent. A sum of Rs. 49,222 was spent on the cleaning of wells and for the construction of parapets. A number of wells, dharamshalas and serais were built by private individuals in eleven districts at a total cost of Rs. 45,415.

162. *Sanitary Board.*—The Board met seven times in the year. The balance of Rs. 3,73,399 left over from the grant made during 1918-19 was fully utilised. The grants sanctioned out of the balance included Rs. 1,28,617 for Gujranwala water supply scheme, Rs. 1,04,305 for Rohtak drainage scheme and Rs. 71,458 for storm water drainage and filling of depressions in the town of Montgomery. Eleven other projects received grants-in-aid. A fresh grant of four lakhs was placed at the disposal of the Sanitary Board for 1919-20. From this grants to the extent of Rs. 57,467 in aid of 13 projects were made up to 31st December 1919; the balance of Rs. 3,42,533 will be accounted for in the report for next year.

Eight water supply, drainage and village improvement schemes involving a total expenditure of Rs. 2,45,446 were approved by the Board and administrative sanction was accorded in each case. The Sialkot drainage scheme at an estimated cost of Rs. 3,44,100 was submitted to Government for administrative sanction. The Board also accorded revised administrative sanction to three drainage schemes and one water supply scheme at an aggregate cost of Rs. 2,03,758. The Government in the Public Works Department accorded revised administrative sanction to the Rohtak drainage scheme estimated to cost Rs. 2,08,610; and technical sanction to seven schemes at an aggregate cost of Rs. 7,77,050.

The Board is actively developing the general sanitation of the urban areas and makes a practice of holding sessions in towns to discuss matters with municipal representatives. Arrangements for the detailed survey of seven large towns have been made and the work will be undertaken as soon as the Survey Department can supply the staff.

Under the Board's careful policy the introduction of sewerage schemes is being skilfully regulated and water supply problems are receiving attention and financial assistance.

*Lahore.*—A new tube well was sunk in the Davids road, and yields about 30,000 gallons an hour. The average daily quantity of water pumped in June has risen

from 3'25 million gallons in 1916 to 5'37 million gallons in 1919. A new pump to deliver 200,000 gallons an hour has been ordered. Owing to insufficient water, the sewerage scheme is to be taken up gradually.

*Amritsar.*—Rs. 10,000 was spent on new drains and pavements.

The drainage of Lala Musa at an estimated cost of Rs. 74,541 is nearly completed : as also the water supply extension scheme for Lyallpur. The Rugar and Kalka drainage schemes have been completed. Progress was made with the Rewari water supply project : it is calculated that the supply will be available to the general public in May 1920.

#### NORTH-WEST FRONTIER PROVINCE.

163. A grant-in-aid of Rs. 1,48,000 was allotted as follows Rs. 1,00,000 for Abbottabad water supply scheme, Rs. 38,000 for diversion of Najaya channel and two Karezes in Kohat city, Rs. 4,000 for paving and drainage in Bannu town, and Rs. 6,000 for alteration to the drains in Parachinar bazar. The total income of municipalities and notified areas was Rs. 17,63,803 of which Rs. 3,62,049 or 20 per cent. was spent on sanitary works, including Rs. 46,121 on roads and bridges. The population of the municipalities and notified areas is 191,245, so the incidence of income and expenditure on sanitation per head of population comes to Rs. 9 and Rs. 1'9, respectively.

The District Board spent a sum of Rs. 43,277 out of the total income of Rs. 6,42,128. More than 2-3rd of this expenditure was on roads and bridges.

#### CENTRAL PROVINCES AND BERAR.

164. The total income of municipal towns, excluding loans and balances, amounted to Rs. 44,54,566 against Rs. 39,77,866, during 1917-18. Of this Rs. 15,67,063, or 35 per cent. were spent on sanitation, and included Rs. 7,54,420 on conservancy, Rs. 4,41,683 on water supply, Rs. 1,93,870 on drainage and Rs. 68,698 on markets and slaughter houses.

Government made a total grant of Rs. 2,56,500 in aid of sanitary works, which was distributed as follows :—for drainage in two towns Rs. 82,325 ; for water supply in 8 towns Rs. 90,852 ; for town improvement Rs. 54,535, and miscellaneous improvements Rs. 28,788. The Sanitary Commissioner of the Province writes that most of the municipal committees exhibit apathy and indifference to sanitary improvement.

The total receipts in villages under the Village Sanitation Act amounted to Rs. 2,85,436 and expenditure to Rs. 2,68,497. The receipts of the Town fund and other villages under Mukaddam Rules were Rs. 59,081 and expenditure Rs. 61,224 : only Rs. 2,082 were spent on works connected with water supply. A sum of Rs. 30,018 was allotted by Government for improvements in ryotwari villages, of which Rs. 19,419 were expended in the construction and repairs of wells. A provincial grant of Rs. 50,000 was sanctioned during 1919-20 for improvement of water supplies in rural areas.

165. *Sanitary Board.*—The Board held seven meetings during the year and considered several schemes connected with drainage, water supply, town planning and malaria preventive measures.

## MADRAS.

166. The provisions of the District Municipalities Act were extended to the major union of Villupuram thus raising the number of municipalities from 73 to 74. The aggregate population of these municipalities is 2,799,530. Of the total income during 1918-19 Rs. 29,75,122 were set apart for sanitary works of which Rs. 28,05,870 or just over Re. 1 per head, were actually spent. The allotment for 1919-20 was Rs. 32,63,874, of this sum Rs. 22,08,600 were expended up to December 31st, 1919. Of the total allotment Rs. 4,92,160 was ear-marked for the improvement of water supply, the remainder being allocated to conservancy, construction and repair of drains, markets, slaughter houses, etc.

The water supplies for Ellore and Erode, were completed during the year. 6 schemes were under execution, and improvements were made to 5 others. Ootacamund still remains the only municipality which possesses a completed drainage system.

The drainage schemes in Madura and Vellore were under execution during the year. One scheme was sanctioned during the year, *i.e.*, Kumbakonam (Part I conservancy lanes).

Some activity was evident in the provision of public latrine accommodation of an improved type. There are still many public latrines of an insanitary type, but they are being gradually replaced.

In district boards the total assignment for sanitation during 1919-20 amounted to Rs. 17,74,860 which was 26.4 per cent of the income, the expenditure during the nine months of the official year being Rs. 8,12,495. The allotment and expenditure for the full year 1918-19 were Rs. 16,10,363 and Rs. 10,53,609, respectively. No material progress was noticeable in respect of water supply and drainage, the chief difficulty being the lack of funds. It is hoped the amended Local Boards Act and the efforts that are being made by the Health and Welfare Associations to spread a knowledge of sanitation will improve matters.

167. *Sanitary Board.*—The powers of final approval to schemes vested in the Board was raised in respect of the financial limit from Rs. 20,000 to Rs. 50,000.

A revised programme of major sanitary schemes in order of urgency was submitted to Government and approved. 4 type designs with schedules and specifications were circulated to local authorities.

13 schemes, estimated to cost Rs. 73,97,880, were received during the year. 9 schemes, the aggregate cost of which amounted to Rs. 3,91,600 were examined by the Board. 4 schemes estimated to cost Rs. 70,06,280 were referred to the Chief Engineer for technical scrutiny.

7 schemes estimated to cost Rs. 3,38,800 in the aggregate were finally approved by the Board during the year, and 5 being beyond the Board's financial powers were submitted to Government.

## BOMBAY.

168. The number of mufussil municipalities during 1919 was 156 with a combined population of 2,384,505. Their combined income, excluding Viramgaon,

amounted to Rs. 1,58,30,947 of which Rs. 77,36,710 were raised by taxation. The incidence of taxation per head of population averaged Rs. 3-4-0 against Rs. 2-9-0 in 1918. The expenditure on public health measures in Karachi city was Rs. 8 per head and averaged slightly over Rs. 2 in the mufussil municipalities. In Bombay city the figure was about Rs. 10 per head.

The combined income of 26 Districts and 215 Taluka Local Boards was Rs. 88,49,132. Of this a sum of Rs. 4,70,225 was spent on communications and only Rs. 38,509 on public health work. The incidence of income per head of population was 8'6 annas.

The imperial and provincial grants during the year amounted to Rs. 700,000 and Rs. 8,24,000, respectively, and were utilised mainly to improve communications and water supplies. The Government of Bombay also sanctioned a grant of Rs. 1,00,000 in aid of village water supplies, which was supplemented by allotments from Local Funds and popular contributions. This money was expended in the construction of wells and tanks, troughs and cisterns, in repairing old wells, deepening existing tanks, in boring and jumper operations and in closing step-wells. The policy of closing step-wells has caused a marked difference in the incidence of guineaworm disease.

The total income of Notified Area Committees (population 1,40,366) was Rs. 4,88,828, including the opening balance, of which Rs. 3,41,239 was spent on sanitary works.

The income of Village Sanitary Boards during the year aggregated Rs. 5,005 of which Rs. 1,339 were raised by popular contribution, and expenditure Rs. 3,422.

During the year 44 new Sanitary Committees were formed which raised their total number to 505. Their aggregate income amounted to Rs. 5,66,065 and expenditure to Rs. 2,91,141.

169. *Sanitary Board.*—Four regular meetings and one special meeting were held during the year.

Of the amount of Rs. 1,00,000 placed at the disposal of the Board Rs. 94,050 was allotted. Plans and estimates for 50 schemes amounting to Rs. 2,06,234 were approved and sanctioned by the Board. The Government of Bombay also sanctioned a total sum of Rs. 91,081 as grants-in-aid to certain municipalities for sanitary works, and Rs. 2,15,434 for work in connection with boring for sub-artesian water.

The following were the more important works in connection with water supply: improvements to Karachi water works at a cost of Rs. 1,92,858: two new settling tanks at Hyderabad: an emergency water supply for the Kirkee cantonment at a cost of Rs. 1,40,147: progress on the Ahmednagar water supply, expenditure during year Rs. 1,54,358.

Minor drainage works were carried out in Karachi, Hyderabad, Poona, Alandi, and Dhond. Boring operations for artesian water supplies were in progress in Kaira, Dhobra, Bavla and Nadiad, while in five places bores were put down to ascertain the possibilities of water supplies or to test for foundations.

## BURMA.

170. The total expenditure of municipalities on sanitary works during 1918-19 was Rs. 53,15,909, of which Rs. 18,25,413 were spent on water supply, Rs. 15,52,872 on conservancy, Rs. 5,58,154 on drainage and Rs. 13,79,470 on other sanitary works.

Progress was reported with regard to 17 water supply and 13 drainage projects. Thirty bazaar schemes were examined and reported on.

Out of a total recurring grant of 7 lakhs during the financial year 1919-20 Rs. 17,745 were spent on jungle clearing in three towns, Rs. 52,860 on coolies shelters and drainage improvement in Rangoon and Rs. 418 on tube well in Henzada.

The total aggregate income of the District Boards was Rs. 90,25,002 : of this Rs. 5,13,957, or 5.6 per cent. were expended on sanitary works. Water supply claimed Rs. 34,759; drainage Rs. 7,436; conservancy Rs. 2,01,571, and other sanitary works Rs. 2,70,191.

171. *Sanitary Board.*—The Board met twice during the year, once at Mergui, and once at Namtre.

## MILITARY WORKS.

172. During 1919-20, there was a decrease in the expenditure on ordinary original military works, *vis.*, drainage, conservancy, water supply, hospitals, etc., Rs. 11,58,809, compared with Rs. 12,17,155 in 1918-19. Of this sum, above four lakhs were spent on water supply and Rs. 5,93,674 on hospitals. The expenditure on repairs excluding hospitals was Rs. 16,95,337 against Rs. 9,92,997 in 1918-19. On special military works under the same heads a sum of Rs. 28,80,146 was expended as compared with Rs. 12,27,971 in the previous year.

MINUTE

The total expenditure of the Government of India for 1910-11 is estimated at Rs. 1,00,00,00,000. The total receipts are estimated at Rs. 80,00,00,000. The deficit is estimated at Rs. 20,00,00,000.

The deficit is to be met by the issue of Government bonds for Rs. 10,00,00,000 and by the sale of Government stocks for Rs. 10,00,00,000.

Out of a total income of Rs. 1,00,00,00,000, Rs. 80,00,00,000 is available for the Government. The balance of Rs. 20,00,00,000 is to be met by the issue of Government bonds and the sale of Government stocks.

The total expenditure of the Government of India for 1910-11 is estimated at Rs. 1,00,00,00,000. The total receipts are estimated at Rs. 80,00,00,000. The deficit is estimated at Rs. 20,00,00,000.

The deficit is to be met by the issue of Government bonds for Rs. 10,00,00,000 and by the sale of Government stocks for Rs. 10,00,00,000.

and once in 12 years.

MILITARY WORKS

The Director of Military Works has submitted a report on the progress of military works during the year 1910-11. The report shows that the expenditure on military works during the year 1910-11 is estimated at Rs. 1,00,00,00,000. The total receipts are estimated at Rs. 80,00,00,000. The deficit is estimated at Rs. 20,00,00,000.

The deficit is to be met by the issue of Government bonds for Rs. 10,00,00,000 and by the sale of Government stocks for Rs. 10,00,00,000.

and once in 12 years.

The total expenditure of the Government of India for 1910-11 is estimated at Rs. 1,00,00,00,000. The total receipts are estimated at Rs. 80,00,00,000. The deficit is estimated at Rs. 20,00,00,000.

The deficit is to be met by the issue of Government bonds for Rs. 10,00,00,000 and by the sale of Government stocks for Rs. 10,00,00,000.

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## SECTION VIII.

### GENERAL REMARKS.

173. Progress during the year was undoubtedly hampered by the shortage of medical personnel due to military needs and the necessity of giving officers leave after the strain of the previous years. The Conferences held in 1919, and which received notice in the report for 1918, paved the way for advance; some action has already been taken on the recommendations made. Thus, the modifications in the statistical statements took effect from the 1st January 1920: weekly statements relating to the prevalence of the chief epidemic diseases and to vital statistics in the chief towns are issued: in some Provinces the Sanitary Commissioner and his Deputies have been appointed additional inspectors under the Indian Factories Act; and the question of the formation of Health Boards is under consideration.

The "yellow fever" danger brought into prominence the faulty provision at the principal ports for dealing with the introduction of infection by shipping. The Government of India appointed a Committee to deal exhaustively with the subject, and this Committee met in February 1920. The resolutions passed by this Committee have been accepted by the Government of India and will bear fruit in future.

It will be noticed that the Committee also dealt with the prevention of the exportation of the infection of bubonic plague through plague infected rats. This was necessitated by the comparatively frequent occurrence of plague on ships arriving in foreign countries. The history of two voyages is detailed as being of exceptional interest.

The S. S. "Nankin" left Bombay on May 3rd, 1919 after a stay in Bombay of 17 days. The cargo consisted of seeds and sundries. Between the 5th and 7th idem a fireman went sick. As plague was suspected the fireman and another man were removed at Aden. The disease was subsequently shown not to have been plague. The ship remained in London from May 30th to June 26th, during which period the health of the crew was good. Many healthy looking rats were caught or killed during this period. Between London and Marseilles one dead rat was caught in a cage. On leaving Marseilles on July 6th the first definite evidence of unusual rat mortality was obtained, and the first human case of plague occurred on July 10th. The possibilities were an infection of the rats at Bombay, Port Said or London. If Bombay gave the infection, the infection must have remained latent for some two months.

The S. S. "Moora" left Bombay on May 1st, 1919, after a stay of 15 days in port. She was used as an ambulance transport, and arrived in London on June 18th, where she lay ahead of and at the same wharf shed as the S. S. "Nankin." On June 20th she left for Gravesend and sailed from Gravesend on July 2nd. No evidence of dead rats was

obtained, but on July 10th a human case of plague was discovered. Here again if infection was taken on board during the stay in Bombay the latent period was over two months.

With the facts at their disposal the Committee concluded that the prevention of the access of rats to ships is under present times impracticable, and that the protection of ships from rat plague depends mainly on the efficient periodic deratisation of ships, provided that a suitable gas for fumigation is found and that efficient ventilation of the holds of ships is secured.

Lieutenant-Colonel Glen Liston, C.I.E., I.M.S., has for years been working, with funds provided by the Indian Research Fund Association, on a machine for the use of hydrocyanic gas; during a deputation to England he perfected his machine, and the Government of India have allocated funds for the purchase of sufficient machines for an efficient trial.

### LABORATORIES.

#### THE CENTRAL RESEARCH INSTITUTE, KASALI.

174. Lieutenant-Colonel W. F. Harvey, I.M.S., held charge throughout the year.

Major Cunningham, I.M.S., Assistant Director, on appointment in March as Director of the King Institute of Preventive Medicine at Guindy was relieved by Major Cragg, I.M.S. Major Christophers, C.I.E., O.B.E., I.M.S., took the place of Major H. C. Brown, C.I.E., I.M.S., who left Kasali on combined leave in October. The special sections of the Institute remained closed for want of officers to hold charge. The staff was mainly occupied during the year in the preparation of vaccines and antisera.

The issues of prophylactic vaccines were greatly in excess of the previous year, and reached 2,786,415 c. cs. for cholera, 1,290,966 c. cs. for T. A. B. and 1,055,726 c. cs. for influenza. The total excess over the 1918 issue being more than two million c. cs. In addition curative vaccines were prepared, and the usual routine work in connection with the supply of cultures and materials for serological tests and the pathological examination of material was conducted.

106,080 c. cs. of antivenene, 3,700 c. cs. of normal horse serum and 676 c. cs. of high titre agglutinating sera were issued. These issues were also in considerable excess over 1918.

The expansion in the issue of vaccines absorbed the available accommodation in the Institute and extensions are urgently required. Plans for extensions have been drawn up and funds have been allotted.

The heavy routine duties naturally handicapped the limited staff in carrying out original research. The following papers, published in the Indian Journal of Medical Research indicate the problems with which the members of the staff were able to deal:—

*1.—By Lieutenant-Colonel W. F. Harvey, I.M.S.*

- (a) The Tinturometer, an Instrument for measuring Tint and Turbidity.
- (b) Measurement of Bacterial Content in Fluid Suspension.

*II.—By Dr. K. R. K. Iyengar, Assistant Director.*

## (a) Studies in the value of Wassermann Test.

*No. 1.*—Frequency of a positive reaction in an unselected adult male Indian population.

*No. 2.*—Significance and value of a positive Wassermann reaction in leprosy.

## (b) Note on the presence of acid fast bacilli in the blood of lepers.

## (c) A rapid method of producing hæmolytic serum against human, sheep and goat erythrocytes.

*III.—By Major F. W. Cragg, I.M.S., Assistant Director.*A Contribution to Our Knowledge of *Entamoeba Coli*.*IV.—By Major J. Cunningham, I.M.S.*

Note on the preparation of a purified agar powder with increased powers of filtration.

*V.—By Major H. C. Brown, C.I.E., I.M.S.*

Further observations on the standardisation of bacterial suspensions.

*VI.—By Mrs. D. Norris.*

A further note on the preparation of culture media suitable for the growth of organisms used in vaccines.

*VII.—By Lieutenant-Colonel Harvey, Major Brown, and Major Cunningham.*

Note on the production of influenza vaccine.

Major Cragg is engaged on the examination of rat fleas to determine their species and to obtain data for their seasonal prevalence in special reference to the immunity of certain areas from epidemics of plague.

During the year the Government of India decided to issue prophylactic vaccines for cholera, the typhoid group, and influenza at the almost nominal price of two annas per c.c. This decision is likely to have important results in popularising the use of these vaccines among civil communities.

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**THE BOMBAY BACTERIOLOGICAL LABORATORY.**

Lieutenant-Colonel Glen Liston, C.I.E., I.M.S., Director of the Laboratory, left on March 9th on leave to England and on that date Major J. C. G. Kunhardt, I.M.S., assumed acting charge.

*Plague work.*—Owing to the lessened incidence of plague the output of anti-plague vaccine fell to 1,011,175 doses from 1,543,099 in 1918. Each dose of vaccine is reckoned as 4 c.c. About 44 per cent. of the output was despatched to countries outside India. Major J. Taylor, D.S.O., I.M.S., wrote an interesting report on the efficacy of anti-plague inoculation in Baghdad. The

epidemic was more severe in the eastern portion of the city, in which 56,997 persons were inoculated and 72,803 remained uninoculated. The attack rate among the latter was 33 per 10,000, and among the former 3 per 10,000. The death rate among uninoculated was 26·8 per 10,000; while among the inoculated it was only 1·3.

The total number of rats received from the Health Department of the City of Bombay came to 778,641; of these 544,348 were dead on arrival. 394,420 of the latter were examined for plague and 6,801 were found to be infected.

Functioning as a provincial bacteriological laboratory a large amount of routine work in the examination of pathological fluids, discharges and tissues of water, food stuffs, etc., was carried out.

The brains of 148 dogs and other animals were examined for rabies, and a positive result was obtained in 95.

*Vaccines.*—37,525 doses of cholera: 164,965 doses of T. A. B.: and 50,750 doses of influenza vaccines were prepared. Autogeneous vaccines were prepared for 101 cases.

Venom was collected periodically from cobras, and Russel's vipers for despatch to Kasauli.

*Research.*—The time of the staff was occupied mainly with influenza.

Lieutenant Colonel Glen Liston, before going on leave, prepared a report in which he demonstrated the probability of one attack of influenza conferring some immunity against a second attack.

The Enteric Depot which had been opened in the laboratory buildings in July 1916 was closed in February 1919. During this period more than 2,000 patients were treated and examined. 49 carriers were detected. 13 of these were definitely chronic and 36 ceased to be carriers within six months of the commencement of illness. The majority of carriers were of B. Paratyphosis "A".

*Educational.*—Special demonstrations were arranged for students of high schools, training colleges, etc., and a number of sets of lantern slides on plague, tuberculosis and guineaworm were issued.

#### THE KING INSTITUTE, MADRAS.

##### (Microbiological Section.)

On the 1st April Major J. Cunningham, I.M.S., took over charge of the Institute from Dr. F. Maitland Gibson.

*Bacterial vaccines.*—98,267 doses were supplied including 47,545 c. cs. of cholera and 35,499 c. cs. of influenza.

427,063 c. cs. of influenza vaccine were prepared for issue should occasion arise for its use.

3,458 specimens were received for bacteriological examination and diagnosis. These included 54 fœtera for examination for spirochætes. A positive result was obtained in 11 instances. Towards the close of the year an attempt was made to correlate the findings with the examination of the mother by means of the Wassermann reaction. This showed that the failure to find spirochætes in the fœtera does not necessarily negative syphilis.

*Research.*—No research work was undertaken owing to the demands made by routine duties on the time of the staff.

*Public health functions.*—The routine duties consisted of the examination of samples of food, drugs and water. The water supplies of the Presidency are sampled once in each half-year. Research was continued into the effect of reducing the layer of sand in sand filters. The topmost layer was reduced to 12 inches with satisfactory results by the introduction of a layer of flat tiles between the two grades of sand. The effects of storage and sunlight were also investigated: it was found that the maximum reduction is reached either before or about the 8th day. No difference was noted between the combined action of sunlight and storage and storage alone.

#### PASTEUR INSTITUTE OF INDIA, KASALI.

6,509 persons received a full course of treatment, an increase of 829 over the previous year. Of those who received treatment 87 or 1.34 per cent. contracted the disease. Of these 18 died during the course of treatment. The failure rate was 0.68 per cent.

In the case of 446 persons, chiefly Europeans, treatment was not considered necessary.

During the year a batch of 28 Armenians who had been bitten by a jackal in Mesopotamia arrived for treatment 15 days after being bitten. Of these 16 had been bitten on the face. 5 died, two while under treatment, one within 15 days of discharge, and two subsequently. It is stated that 18 other persons, who did not come for treatment were bitten at the same time; of these 11 died. A trial was made of Tetrodotoxin in the treatment of cases of hydrophobia. The drug does not appear to prolong life, but is efficacious in allaying the spasms and giving the patient relief.

#### PASTEUR INSTITUTE OF SOUTHERN INDIA, COONOR.

The number of patients treated at this Institute from 1st March 1919 to 29th February 1920 was 3,172, which shows an increase of 347 over the previous year. Of these 24 died 15 or more days after the completion of treatment and are classed as failures giving a rate of 0.75 per cent.

There were 60 patients who, for various reasons did not complete the treatment and are, therefore, excluded from the above figures. 233 persons who came for treatment were sent back without being treated as they were considered to run no risk of infection.

Since the opening of the Institute in 1907, 18,430 patients have been treated, and the rate of failure works out at 0.74 per cent. Inquiries on the mortality due to rabies continued during the year. Of 186 persons who were bitten by rabid animals and who did not undergo treatment 92 died of hydrophobia.

The following papers resulting from research carried out in the Institute were published in the Indian Journal of Medical Research.

1. The pathology of experimental rabies.
2. The pharmaco-dynamics of quinine.
3. Quinine in the treatment of malaria.

Lieutenant-Colonel Cornwall, I.M.S., Director of the Institute went on leave on 24th December and was relieved by Major W. S. Patton, I.M.S.

#### KING EDWARD VII MEMORIAL PASTEUR INSTITUTE, SHILLONG.

1,438 persons presented themselves for treatment, and 1,406 underwent the full course. Of these 7 died within 15 days of completing treatment, and 6 more than 15 days after completion. Two patients died of hydrophobia while under treatment. Of 1,406 persons 15 died of hydrophobia, that is 1.07 per cent, but in only 6 cases (0.43 per cent) could the treatment be said to have failed.

Of the total cases 1,024 were bitten by dogs, 351 by jackals : and 23 by cats.

26 per cent of the Indian patients were bitten by jackals : and 8 out of the 15 fatal cases were among these patients.

*Bacteriological Research Institute Section.*—The number of pathological specimens examined was 3,382 as compared with 2,254 in 1918.

The new 12-bed ward for kala-azar referred to in last year's report was opened in November 1919. The use made of this ward is evidence of the success and popularity of treatment by intravenous injections of tartar emetic. The course of treatment at Shillong consists of the intravenous injection of 200 cgms of tartar emetic in one per cent solution over a period of 2½ to 3 months. The results indicate the possibility of cure in 75 per cent, whereas previously 90 per cent or over died. Mrs. Adie worked throughout the year under the auspices of the Indian Research Fund Association on the possibility of the transmission of kala-azar through the bed bug.

An inquiry was made into Naga Sore of which a severe outbreak was reported in the Assam Valley and the Surma Valley during the monsoon. An organism morphologically and culturally similar to that associated with Vincent's disease has been isolated. The investigation still continues.

A cocco-bacillus was isolated from cases of epidemic conjunctivitis and a vaccine was prepared for issue.

A vaccine section was opened in July 1919. The output of vaccines during the year was as follows :—

" P. I. P. " mixed catarrhl vaccine in connection with influenza	...	...	...	...	290,807 c. c.
Cholera vaccine	...	...	...	...	46,560 "
T. A. B. vaccine for anti-enteric inoculation	...	...	...	...	1,784 "
Meningococcus vaccine...	...	...	...	...	750 "
Mixed Flexner-Shiga vaccine	...	...	...	...	265 "
Mixed Kock-Weeks-Staphylococcus vaccine in connection with epidemic conjunctivitis.					500 "

164 reports relating to the efficacy of the P. I. P. vaccine have been compiled, but no statistical conclusions are possible.

The Institute has now completed three years of active life and the question of its constitution is now under consideration.

#### PASTEUR INSTITUTE, BURMA, RANGOON.

The total number of patients received at the Institute during the year ending 31st March 1920 was 713 against 595 during the previous year. No treatment was considered necessary in 212 cases, while 78 failed to complete the full course. Of the remaining 423 treated cases, 148 were bitten by an animal of *proved* rabidity. No death occurred among the cases treated, nor has there been reported any failure.

The number of bacteriological and serological examinations made was 1,594 and that of histological examinations 87.

#### THE INDIAN RESEARCH FUND ASSOCIATION.

175. The activities of the Association continued to be interfered with by the effects of post-war conditions. The following inquiries were prosecuted during the year 1919-20.

The plague prevention inquiry at Poona under Dr. Chitre terminated in November 1919. The Scientific Advisory Board felt that time had come to put the results obtained into practice and the Bombay Government have sanctioned field experiments in Belgaum and Dharwar which are proceeding.

The inquiry into hookworm disease was continued by Dr. Mhaskar in Madras. He has been studying the life history of the parasite and comparing various methods for counting ova passed in dejecta. In conjunction with Father Caius he has been investigating the chemical composition of various drugs used for treatment. Four papers have already been published.

Mr. Awati's entomological work at Nagpur terminated on 31st October 1919, when he went on six months' leave. He has published three papers on the bionomics of house flies. Major W. S. Patton, I.M.S., is conducting special researches on entomology and protozoology.

Major Knowles, who was in charge of kala-azar inquiry in Assam, was transferred to the Calcutta School of Tropical Medicine. Mrs. Adie continued to work at the development of the parasite causing the disease in the body of the bug. Results of both workers will be published in due course.

Dr. Sudhamoy Ghosh continued his work on the preparation of various salts of unsaturated fatty acids to be tried in the treatment of leprosy. Dr. E. Muir will be engaged at Calcutta in connection with special researches into the treatment of leprosy. Dr. K. K. Chatterji is experimenting with neem or margosa oil and its derivatives and is trying copper margosate in the treatment of new growths. Further work has been done in the asylums belonging to the Mission to Lepers in connection with treatment with chaulmoogra oil and sodium gynocardate.

Lieutenant-Colonel McCarrison who was employed on investigations in deficiency diseases proceeded on leave to England in January 1920. Ten sections of his paper have been published in the Journal. The Governing Body have agreed to finance further inquiries by him in England.

Captain Malone continued his investigations into the bacteriology of influenza; and also investigated an outbreak of encephalitis lethargica in Karachi.

Major Morison was appointed to conduct an inquiry into the epidemiology of influenza in September 1919. On his departure on leave in April 1920 work was continued by Major King. A paper written by Major Morison in conjunction with Major McKendrick on "The determination of incubation periods from maritime statistics with particular reference to the incubation period of influenza" was published in the October 1919, number of the Journal.

Lieutenant-Colonel Greig went on leave in February 1919. The pathological researches in Karachi were continued in his absence by Captain Maitra, I.M.S., till January 24, 1920, when the inquiry ceased owing to the demobilisation of his hospital. Captain Maitra published a paper on "Observations on the Cultural Methods of Gonococcus".

Dr. Norris' researches terminated in November 1919. She submitted for publication a paper on "The preparation of a simplified culture media for field workers".

The investigations into the distribution of Molluscs conducted by the members of the Zoological Survey continued.

The Indian Journal of Medical Research completed its seventh year of existence. The standard of contributions received was satisfactory and is evidence of the value of the Indian Research Fund Association.

F. H. G. HUTCHINSON,

*Lieut.-Colonel, I.M.S.,*

*Sanitary Commissioner with the Government of India.*

### Appendix to section VIII.

#### REPORT OF YELLOW FEVER COMMITTEE.

##### RESOLUTIONS.

1. The Committee believes that at the present time yellow fever does not exist in India. Certain fevers, however, sometimes associated with jaundice and closely resembling yellow fever such as malaria, relapsing fever, and icterohæmorrhagic jaundice have been reported on a number of occasions in India; it is desirable, therefore, that the cause and nature of these fevers should be carefully investigated whenever and wherever they occur with the object of differentiating them from yellow fever.

2. The prevalence of the mosquito *S. fasciata*, which transmits the yellow fever virus and the existence of a susceptible population in the chief sea-ports of India, indicate that the introduction of this disease might be followed by sudden virulent epidemics. Such epidemics would be very difficult to control, would cause great embarrassment to coastal trade and maritime intercourse with foreign countries and would seriously interfere with recruitment and military movements at times of national emergency.

3. *S. fasciata* is present in India as in almost all maritime regions situated within the parallel  $40^{\circ}$  N. and  $40^{\circ}$  S. and all ports within such limits must be regarded in the present state of our knowledge as liable in varying degree to introduction of the disease and its dissemination. The degree of risk depends for the most part on the distribution of the disease at any selected time and on the sanitary condition of the threatened area, especially with regard to the prevalence of the mosquito *stegomyia fasciata*. At the present time the danger is greatest in—

(a) such ports on the American seaboard (including the Amazon) lying between the parallels of approximately  $22^{\circ}$  N. and  $22^{\circ}$  S. as are not subject to effective sanitary control of the disease;

(b) ports on the West African coast from  $15^{\circ}$  N. to  $15^{\circ}$  S.

4. The danger to India at the present time is remote, but the risk will be increased *pari passu* with the extension of the disease to ports nearer India.

5. (a) The protection of India from the introduction of dangerous epidemic diseases depends primarily on a system of early notification of the outbreak of such diseases in ports which are in maritime relation with India. Such notification from ports in Asia, Australasia and Africa should be telegraphic, and the Committee recommends that this system be adopted as soon as possible.

(b) A central public health bureau in India to collect and collate information regarding the prevalence of dangerous epidemic diseases in countries outside India and to disseminate this information to all public health authorities in India is very necessary.

6. In view of the danger to India that would result from the extension of infection from the existing endemic areas in W. Africa to the ports on the east

coast of Africa and of the increased likelihood of this on the completion of the trans-continental railway, the Committee considers that systematic efforts to stamp out yellow fever from the endemic areas in W. Africa would materially reduce the risk of infection reaching India.

7. As the safety of India depends largely on the freedom from yellow fever of ports intermediate between India and the endemic areas, it is desirable that the Governments of countries threatened by the possible extension of infection should come to a general agreement as to measures, particularly anti-stegomyia operations, which are necessary to render their ports free from the possibility of the establishment of the disease. Further, in addition to the establishment of an adequate system of inter notification of dangerous epidemic diseases, it is desirable that information should be exchanged in regard to the actual sanitary condition of all ports (including shipping) with which India is in maritime relation, and of the progress made from time to time.

8. The Committee has passed unanimously the attached port health regulations, in the drawing up of which it has been guided by the provisions of the Paris Sanitary Convention of 1912. The main departure from the Convention consists in the addition of the words "or if it has lain at an infected port within 18 days of arrival" to the definition of a suspected vessel.

In the light of existing knowledge it is not possible to lay down the exact period of time during which a ship exposed to invasion by infected mosquitoes must be considered to be a source of danger. Pending more complete enquiry the Committee does not consider it advisable to make this less than the eighteen days generally recognised as necessary to detect cases arising from infected mosquitoes that may be taken on board at an infected port. This brings the modified regulation into line with the definition of the Paris Convention that a place shall not be declared free from yellow fever for 18 days after isolation, death or recovery of the last case of yellow fever.

9. The Committee is of opinion that the existing arrangements in the main ports of India are wholly inadequate to prevent the introduction of dangerous epidemic diseases, and considers that at each of the important ports of ocean call a sanitary station should be established providing facilities for—

- (a) moorings for infected or suspected ships,
- (b) the isolation of the sick and observation of persons who do not receive pratique,
- (c) fumigation and disinfection.

As article 42 of the Paris Convention lays down that "every country must provide at least one port on each of its seaboard" with such facilities the Committee recommends that, in accordance with this article, the minimum immediate requirements of India necessitate the establishment of such fully equipped stations at Bombay, Calcutta and Rangoon. The Committee thinks that consideration should be given at once to the possibility of increasing the number of ports so equipped. If it should be found impracticable to equip fully and at once a larger number of ports than specified, it is still desirable that less elaborate schemes should be formulated and that those schemes should be so planned as to be capable of ultimate expansion. Having regard

to the facts that with a voyage of 18 days' duration ships may enter the ports of India from a considerable portion of the eastern hemisphere, and that it is by no means impossible that some port or ports in this area, and on the East African coast in particular, may at any time be notified as infected, it is essential that the possibility of all Indian ports being ultimately called upon to deal with yellow fever infected ships should be borne in mind.

10. The Committee is of opinion that no possible advantage is to be gained from the establishment of sanitary stations on islands distant from the ports they have to serve. Moreover, stations of this kind would prove to be most unsuitable because (a) few islands can be found which are so situated as to be free from danger to shipping during the cyclone season; (b) the enforcement of the regulations would necessitate the detention of the ship for at least seven days which would seriously interfere with trade; (c) any measures short of observation for the full period would involve the risk of cases developing during the voyage between the island station and the port of destination and render necessary a second station at the port of destination or a return for further treatment at the island station.

11. (a) In recommending sites for sanitary stations, the Committee has given consideration to—

- (1) possible interference with navigation of vessels,
- (2) convenience of access so that there is the minimum delay to shipping and inconvenience to passengers,
- (3) the safety of the sea port town from infection from the sanitary station,
- (4) the conditions and surroundings of the site itself so far as they affect the health of the inmates.

These points limit selection, and the committee finds that there is but one site in each of the three specified ports which satisfies all requirements—Butcher Island in the case of Bombay; the Rajabaria site in Calcutta; and the present segregation camp in Rangoon—and strongly recommends the acquirement of these three sites for the establishment of sanitary stations.

(b) Butcher Island is at present occupied by a wireless station and an ammunition depot. The Committee considers that, although immediate removal is not essential, arrangements for their removal at the earliest possible time is desirable.

Comparatively small alterations and repair of the existing buildings would fit the island for early use as a sanitary station, provided plans are completed for the rapid extension of accommodation should this appear likely to be necessary and measures are taken to reduce *Stegomyia* infestation to a minimum. The Committee considers that the details should be worked out locally.

(c) The selection of the Rajabaria site for a sanitary station capable of dealing with yellow fever infected ships is, in the opinion of the Committee, contingent on the acquirement in the first instance of sufficient land. The Committee recommends that the whole river frontage between the Indo-General dockyard and the South Union Jute mill to a depth of about 440 yards be

acquired. Extensive clearing of the land is necessary with a view to the carrying out of measures for keeping the area as free from the *stegomyia* mosquito as is possible. Plans for the necessary buildings are being prepared locally and should be completed as early as possible.

(d) The site on which the segregation camp near Rangoon now stands is low lying and unsuitable for buildings. The Committee considers that reclamation is necessary, and that the area to be acquired and reclaimed should extend from the match factory to the telegraph hut, and to an average depth of 600 yards from the river frontage. The whole of this area would not be required for the buildings in connection with the sanitary station, but the Committee is of opinion that it is advisable to acquire and reclaim sufficient land to secure an area free from buildings around the sanitary station and to insure its freedom from mosquitoes.

(e) The Committee considered in detail alternative sites for all three ports. In Calcutta owing to difficulties connected with navigation there is no alternative site which can be utilised for a sanitary station intended for all epidemic diseases, including yellow fever. In Bombay there is one alternative site, a portion of Hog Island, but the selection of this would lead to inconvenience to passengers and delay to the shipping, and there is also a possibility that malaria might become a serious factor. In Rangoon a good site could be secured at Elephant Point for dealing with yellow fever ships only; but the treatment of vessels infected with other diseases at this site would involve grave inconvenience to shipping, while the absence of good communication with Rangoon by road or rail presents a serious difficulty which could only be met by heavy expenditure.

12. The Committee considers that the expenditure involved in fitting up a sanitary station will be materially reduced if arrangement be made with the sanitary authority concerned for the admission of persons suffering from epidemic diseases into the infectious diseases hospital maintained by that authority. The Committee is, however, of opinion that each important sanitary station should include a protected building providing accommodation for four yellow fever patients, and a separate protected building for the observation of ten yellow fever suspects.

13. The previous resolutions have been drawn up after consideration of the suggestion to accommodate yellow fever cases, suspects and contacts in specially fitted-up hulks. The Committee is of opinion that a land site is infinitely preferable, because the accommodation on a hulk is limited by the capacity of the hulk and is incapable of expansion at short notice to meet a sudden demand. Moreover, the expense in maintaining these hulks will be considerable and it is conceivable that they may be under repair when an emergency arises.

14. In view of the possibility of Government deciding that sanitary stations should be established in the near future in connection with the ports of Madras and Karachi, the Committee recommends that the land sites necessary for these stations be acquired now. The Committee does not feel justified with the information at its disposal in making a definite selection, but it appears that in the case of Madras the selection will be limited to ground between Tiruvut-your and Ennur.

15. (a) In addition to these five main ports there are on the coast line of India some 196 ports, 104 of which are in the Madras Presidency and 75 in the Bombay Presidency. In the case of some of these ports vessels, the majority of which appear to be sailing ships, trade with ports in the Straits Settlements and in East Africa. The Committee recommends that a sanitary survey of these ports, including accurate information relating to the trade relations of each and mosquito infestation be made at an early date. It will then be possible to decide to what extent these ports contribute to the risk of the introduction of dangerous epidemic diseases, especially yellow fever, to India, and what measures are necessary to meet such danger.

(b) The Committee also considers it desirable that the whole question of coastal traffic by ship between various Indian ports and estuaries requires careful investigation with a view to devising means for checking the possibility of the spread of dangerous epidemic disease.

16. The Committee is of opinion that the most effective method of protecting the ports of India from yellow fever is to keep them as free as possible from *stegomyia* mosquitoes, and that it is undesirable to separate the work required for the reduction of *stegomyia* from that of mosquito reduction generally. Mosquito control can only be carried out by a properly directed organisation working under a legally constituted sanitary authority. The Committee, therefore, recommends that Government legislates—

- (1) to appoint a sanitary authority for each port,
- (2) to establish a properly directed organisation for the control of mosquitoes in each of the larger sea-port towns,
- (3) to provide for contributions from Government revenues towards the cost of these schemes,
- (4) to secure the efficient carrying out of these schemes in the event of failure on the part of any local authority.

The Committee recommends that Government require each local authority in the sea-ports to prepare schemes for the control of mosquitoes. For the sake of efficiency as well as economy it is desirable that adjoining local authorities should prepare a conjoint scheme. An essential feature in the success of a scheme is the appointment of a special officer for the control of the operations. When the scheme has been approved by Government, the local authorities will be eligible for the financial assistance provided by legislation. With a view to meeting technical difficulties which arise in the execution of these schemes and for guidance in carrying them out, it is very desirable that the services of the experts attached to the Central Bureau of the Central Research Institute should be placed freely at the disposal of the sanitary authorities. These officers should have power to inspect the anti-mosquito work carried on in the ports and port towns and will thus be in a position to advise Government on the progress and efficiency of the work. Should it become evident to Government that their contribution to any scheme is not being spent to the best advantage, it shall be open to Government to assume control of the operations, the defaulting local authority still continuing to pay its share of the expenditure.

17. The Committee desires to endorse the opinion expressed in paragraph 22 of the Report of the Committee to consider Port Sanitary Administration in England, and to state emphatically that in the reduction of the infestation of vessels with rats reliance should be placed primarily on—

- (a) properly organized rat campaigns on land ;
- (b) periodic fumigation of vessels with holds empty.

The Committee recommends that every vessel trading between India and European, American and Australasian ports be fumigated when the holds are empty once on every round voyage. It understands that some shipping companies at the present time have made arrangements for this procedure.

18. In connection with the fumigation of ships, and with special reference to the possible fumigation of ships with holds full for destruction of mosquitoes, the Committee points out that at the present time the only available machine is the Clayton apparatus for sulphurous acid gas, which cannot be used without damage to certain cargo. The Committee has read the note on fumigation with hydrocyanic gas written by Lieutenant-Colonel Glen Listen, C.I.E., but, pending the result of further experiments, cannot express a definite opinion with regard to the general adoption of this method of fumigation. Whatever gas is used in the future for the fumigation of ships, the Committee wishes to lay emphasis on the necessity for greater attention being paid to the through ventilation of all holds. Without through ventilation of the cargo it is impossible to fumigate efficiently a loaded ship. A note by Colonel Glen Listen on the ventilation of ships is attached.

19. (a) In resolution No. 15, the Committee has called attention to the number of coastal towns in India defined as ports in the schedule attached to the Indian Ports Act of 1908, and to the fact that some of these ports have trade relations by sea-going vessels with ports in the Straits Settlements and East Africa. Should these latter ports become infected with yellow fever in the future, the danger of unprotected ports on the coast of India in maritime relation with them does not need elaboration. It is clearly impracticable to provide sanitary stations at all these ports, and the Committee is of opinion that Government should have the power to declare fully equipped ports as first ports of entry for vessels infected with dangerous epidemic disease. The Committee suggests legislation on the lines of the following sections of the Quarantine Act of the Commonwealth of Australia :—

*Section 13 (1).*—The Governor-General may, by proclamation,

- (a) declare any ports in Australia to be first ports of entry for oversea vessels.

*Section 13 (1-A).*—The power to declare first ports of entry shall extend to authorise the declaration of a port to be a first port of entry for all oversea vessels from any particular place or for any class of oversea vessels.

*Section 20.*—The master of an oversea vessel arriving in Australia shall not, unless from stress of weather or other reasonable cause, suffer the vessel to enter any port other than a port declared to be a first port of entry.

*Penalty.*—Five hundred pounds.

*Section 77.*—A pilot shall not, unless compelled by stress of weather or other reasonable cause, conduct a vessel subject to quarantine into any place other than the proper place for a vessel so subject.

*Penalty.*—Fifty pounds.

*Section 78.*—The master of an oversea vessel who, knowing that any quarantinable disease exists on his vessel, suffers his vessel to enter a port, other than a port declared to be a first port of entry, shall be guilty of an indictable offence, unless he proves that it was necessary for the vessel to enter the port for the purpose of saving human life.

*Penalty.*—Three years' imprisonment.

(b) Captain Froilano de Mello suggests that foreign Governments possessing ports in India, which are not provided with sanitary stations equipped for the reception of patients suffering from yellow fever, should be asked to make special arrangements whereby vessels suspected to be infected with yellow fever and bound for one of these ports should be forced to call at a port possessing an efficiently equipped sanitary station where it would be dealt with, before proceeding to its original port of destination.

20. The Committee feels strongly that the defence of India from the introduction of dangerous epidemic diseases depends primarily on the sanitary surveillance exercised over vessels during their stay in infected ports with which India is in maritime relation, and that if absolute confidence could be placed on the efficiency of this surveillance, and on skilled and reliable medical supervision throughout the voyage, there could be considerable relaxation of the measures to be employed on the ship's arrival.

Bills of Health are designed to supply information relating to the sanitary condition of the port and of the vessel on departure, but these Bills vary in form and in value. The Quarantine Act of the United States of 1893 authorises the President "to detail any medical officer of the Government to serve in the office of the consul at any foreign port for the purpose of furnishing information and making the inspection and giving the Bill of Health." The Paris Convention resolved that "the Governments should confer together with a view to regulate Bills of Health." Should such a system of mutual trust and assistance between nations be impossible, it should be feasible within the British Empire. Failing such arrangement the Committee recommends that should yellow fever appear within eighteen days' sail of India, the action taken by the United States Government under the Quarantine Act of 1893 should be followed by the Government of India.

21. The Committee supports the suggestion of the Government of Bombay that section 6 of the Indian Ports Act should be amended so as to permit of the inspection of vessels and the taking of measures whereby the breeding of mosquitoes shall be prevented.

#### REGULATIONS.

A vessel shall be regarded as infected if there is yellow fever on board, or if there has been a case on board within seven days of arrival.

A vessel shall be regarded as suspected if there has been a case of yellow fever on board at the time of departure or during the voyage, but no fresh cases within seven days, or if it has lain at a port infected with yellow fever within 18 days of arrival.

A vessel shall be regarded as healthy if there has been no case either at the time of departure or during a voyage which has lasted at least 18 days and which has not touched at an infected port within 18 days of arrival.

1. There shall be medical inspection of every vessel which has started from or during the voyage called at a port infected with yellow fever.

2. In the case of infected vessels the following measures shall be taken :—

(a) The sick shall be disembarked under protection from the bites of mosquitoes, and shall be efficiently isolated.

(b) There shall be a visual and thermometer inspection of all other persons on board, and any person exhibiting a rise of temperature above 99.4° F. shall be treated as under (a).

(c) The remaining persons shall be disembarked and kept under observation during a period which shall not exceed six days from the time of arrival.

(d) The vessel shall be moored if possible at least 220 yards from the shore, and from other vessels and harbour boats.

(e) The vessel shall be fumigated for the destruction of mosquitoes before the discharge of cargo, if possible. If fumigation be not possible before the discharge of the cargo, the discharge of cargo shall be under the supervision of the Port Health Officer, and may be permitted if the persons employed in unloading are kept under observation during the discharging of cargo and for six days, to date from the last day of exposure on board.

3. A suspected vessel shall undergo the measures laid down under 2 (d) and (e) before the granting of pratique provided that in the case of a vessel which, in the opinion of the Port Health Officer, has been efficiently fumigated at the time of departure from the infected port or subsequently, further fumigation on arrival shall be unnecessary.

2 (c) shall be applied in the case of all vessels which have been less than 18 days on the voyage provided that the period of detention of passengers and crew does not extend beyond the 18th day after departure from the infected port, and is subject to a maximum of six days under observation and provided that, if the vessel has been efficiently fumigated since last leaving an infected port, the period of observation shall count from date of fumigation.

4. A healthy vessel shall be granted full pratique subsequent to medical inspection.

#### **A NOTE ON THE FUMIGATION OF SHIPS.**

There are two important matters with which everyone who has to deal with the fumigation of ships must be familiar—(1) the division of ships into bulkhead compartments and (2) the ventilation of ships.

*Bulkheads.*—The term bulkhead is used indifferently for all vertical partitions in a ship. Bulkheads serve three useful purposes :—

- (1) they serve as water tight divisions,
- (2) they serve as fire screens,
- (3) they serve as structural diaphragms.

Bulkheads must extend well above the sea level. Lloyds rules regarding bulkheads may be summed up as follows :—

Steamers under 220 feet in length require only a collision and after peak bulkhead the machinery space which is always enclosed between bulkheads giving four or three according as the machinery is amidships or at the stern.

A steamer more than 220 feet must have at least four bulkheads.

A steamer 285 feet long and under 335 feet must have five bulkheads.

A steamer 335 feet long and under 405 feet must have six bulkheads.

A steamer 405 feet long and under 470 feet must have seven bulkheads.

A steamer 470 feet long and under 540 feet must have eight bulkheads.

A steamer 540 feet long and under 610 feet must have nine bulkheads.

A steamer 610 feet long and under 680 feet must have ten bulkheads.

The Bulkhead Committee of 1912 have decided that no compartment in any vessel should be longer than 92 feet and that none should be shorter than 10 feet except the fore-peak in vessels shorter than 200 feet. As regards the sub-division of vessels to prevent the spread of fire the International Convention for the safety of fire at sea requires that in passenger vessels the hull above the bulkhead deck shall be divided by fire proof bulkheads placed not further apart than 131 feet and that all openings in these bulkheads shall be provided with fire proof doors.

As a general rule the watertight bulkheads cut off entirely the adjoining compartments so that to pass from one to another a man must go on deck and descend the hatchways. A direct communication may be established by fitting watertight doors in bulkheads. These doors can always be effectively closed. All ships, therefore, can be fumigated in sections which are not generally longer than 100 feet.

*Ventilation.*—The arrangements for ventilating the different compartments of a vessel vary greatly. In high class vessels elaborate ventilating arrangements may be made, but in other vessels the arrangements may be quite elementary. Many cargoes are of such a nature as not to be effected by or themselves affect the condition of the air surrounding them and in such cases whether or not the holds are ventilated does not matter. Delicate cargoes, however, such as grain and fruit, which are apt to decompose, require a constant supply of fresh air for their preservation, particularly if they are to be long confined in the hold.

In cargo steamers at least one cowl ventilator is fitted at each end of each hold, the one serves as a downcast and the other as an uptake. In many

cases two pairs are provided in each hold. If through ventilation of the cargo is required, one of the two ventilators must be extended to the bottom of the hold, for when both stop at the deck the fresh air, choosing the shortest route to the outlet, passes straight fore and aft over the top of the cargo and leaves comparatively undisturbed air at the bottom of the hold; but this is rarely done for with most cargoes surface ventilation is found to be sufficient. Ventilation for bulk cargoes liable to heat such as rice is often provided by interposing in the midst of the bales or bags a sort of open work of tubes roughly made of wood about ten feet long by nine inches square. These tubes are placed vertically and horizontally at intervals among the cargo so as to allow air to pass in all directions. With grain and other cargoes requiring very thorough ventilation a trunk way having air holes in its side is led fore and aft at the bottom of the hold and a downcast ventilator is led into it so that the air passing along the trunk way and escaping by the apertures may be distributed all over the bottom of the hold; a similar arrangement has been adopted to distribute cold air in holds which carry frozen meat.

Our present knowledge of such important epidemic diseases as plague and yellow fever goes to show that their spread to healthy ports can only be prevented if a ship and its cargo can be thoroughly fumigated. Through ventilation of the cargo (on some system such as that described above) is necessary if a ship is to be satisfactorily fumigated without unloading it. In the majority of ships a simple modification of the existing arrangements to effect through ventilation of the cargo could easily be devised. The attention of Government should be drawn to the fact that while rules have been made and are enforced for the ventilation of all parts of ships used by passengers or crew, no attention has been paid to the ventilation of those parts of a ship in which cargo is stored. While such rules are unnecessary for the preservation of cargoes, they are required in order that an infected ship may be fumigated without removing the cargo. The danger of communicating infection to a healthy port by an infected ship which cannot be fumigated before unloading is very great, and the cost of unloading a single ship for this purpose would more than pay for the constructional modifications of the existing arrangements for ventilating the hold to effect through ventilation of the cargo in many ships.

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# APPENDICES

TO THE

Annual Report of the Sanitary Commissioner  
with the Government of India

FOR

1919.

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229 DGIMS

PART

A.—Groups.	Years.	*Average strength.	Constantly sick.	†Invaliding.	A.—Admi D.—I					
					Influenza.		Cholera.		Small-pox.	
					A.	D.	A.	D.	A.	D.
Group I.—Burma Coast and Bay Island.	1909—1918	1,210	41	12·4	12·2	·06	...	...	0·4	...
	1918	1,209	47	13·2	67·8	·83	...	...	...	...
	1919	957	58	89·9	38·7	...	...	...	4·2	...
" II.—Burma Inland ...	1909—1918	1,240	36	5·2	8·2	·40	...	·08	...	...
	1918	1,347	33	24·5	70·5	3·71	...	...	...	...
	1919	504	33	23·8	71·4	1·93	...	...	...	...
" IV.—Bengal and Orissa...	1909—1918	1,748	40	18·5	17·7	·17	0·4	·06	0·2	...
	1918	1,715	61	32·1	173·8	1·75	...	...	...	...
	1919	1,275	49	113·7	81·0	...	0·8	...	0·8	...
" V.—Gangetic plain and Chatia Nagpur.	1909—1918	5,168	86	14·5	30·4	0·41	1·3	·46	0·5	...
	1918	4,582	49	20·2	230·5	4·58	0·2	...	2·4	...
	1919	3,477	35	58·1	48·9	...	...	...	2·6	...
" VI.—Upper Sub-Himalaya	1909—1918	13,243	40	10·7	34·9	1·51	0·5	·27	0·4	...
	1918	15,110	59	15·2	269·7	13·24	1·0	·53	2·5	...
	1919	11,180	61	47·8	4·5	·18	0·4	·18	2·1	...
" VII.—North-West Frontier, Indus Valley and North-Western Rajputana.	1909—1918	5,783	42	11·7	49·7	2·01	0·2	·07	0·2	...
	1918	8,104	48	12·2	264·3	14·56	...	...	0·9	...
	1919	7,401	38	28·4	5·7	·41	0·1	...	3·8	...
" VIII.—South-Eastern Rajputana, Central India and Gujarat.	1909—1918	5,191	38	12·3	30·8	1·12	0·1	·10	0·7	...
	1918	4,865	47	16·9	295·0	11·92	...	...	0·8	...
	1919	4,213	35	47·7	3·6	...	0·7	·24	5·5	...
" IX.—Deccan ...	1909—1918	11,413	39	18·6	38·3	·90	0·7	·25	0·4	...
	1918	18,399	69	37·1	217·1	5·00	2·7	1·09	1·4	...
	1919	11,496	48	123·5	12·2	·09	0·3	·35	2·0	...
" X.—Western Coast ...	1909—1918	1,679	56	18·6	60·8	·69	1·1	·42	1·1	...
	1918	2,311	105	38·5	375·6	4·33	5·6	1·73	4·8	...
	1919	1,935	122	91·6	262·4	1·33	4·0	1·33	1·0	...
" XI.—Southern India ...	1909—1918	4,028	37	10·7	30·5	1·84	0·2	·07	0·5	...
	1918	9,292	48	17·2	120·7	7·96	0·4	·11	1·2	...
	1919	3,126	50	178·2	6·1	...	...	...	4·2	...
" XII (a).—Hill Stations ...	1909—1918	11,211	30	9·6	24·0	·18	0·1	·03	0·1	...
	1918	11,029	44	24·3	198·1	9·46	0·1	...	0·2	...
	1919	4,300	53	46·3	35·1	·70	...	...	1·6	...
" XII (b).—Hill Convalescent Depôts and Sanatoria.	1909—1918	3,604	50	11·8	25·5	1·10	0·1	·08	0·2	...
	1918	5,058	72	19·0	185·2	8·30	0·2	...	0·4	...
	1919	1,898	53	74·7	8·8	...	...	...	...	...
India ...	1909—1918	69,299	38	12·5	32·4	1·12	0·4	·19	0·4	...
	1918	67,382	60	22·8	219·5	8·81	1·0	·42	1·3	...
	1919	56,561	57	76·4	25·2	·25	0·4	·19	3·1	...

\* Decennial ratios are worked on the total strength of the ten-year period.

† From 1909-1918 and worked on aggregate strengths of that period.

TABLE OF STRENGTH.

DM  
DM

Enteric fever.		Malaria.		Pyrexia of uncertain origin.		Pneumonia.		Dysentery.		Venereal diseases.		All causes.	
A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
6.7	.08	101.7	.17	77.0	.08	1.7	.17	8.3	.17	81.8	.25	742.3	6.36
3.3	...	137.3	...	...	...	5.0	...	24.8	.83	80.2	...	979.3	6.62
1.0	...	81.5	...	...	...	3.1	...	30.9	...	89.5	...	1,202.7	7.51
1.2	.16	83.3	.81	52.1	...	1.2	.16	7.0	.48	97.8	...	655.5	5.00
4.5	...	129.2	5.20	1.5	...	0.7	...	8.9	1.48	100.2	...	709.7	17.52
...	...	95.2	...	...	...	6.0	...	11.9	...	150.8	...	720.2	3.97
2.9	.46	94.6	.46	36.6	...	1.5	.29	9.2	.46	107.8	.06	691.1	8.24
6.4	.58	153.4	1.75	...	...	1.2	...	9.9	1.75	165.6	...	1,071.1	13.41
0.8	...	185.9	...	...	...	7.1	8.14	11.8	1.57	156.9	...	1,195.3	13.33
8.1	.89	54.9	.08	48.0	.06	3.5	.54	7.9	.35	57.0	.02	642.7	6.73
8.3	.25	47.4	...	2.2	...	3.3	.44	10.0	.22	51.1	...	872.5	11.79
2.0	...	69.7	...	0.3	...	2.3	.86	4.6	.29	89.2	...	817.1	6.61
4.9	.79	205.2	.34	22.8	.04	3.3	.37	5.8	.18	44.4	.02	793.4	7.71
7.5	1.46	233.3	.99	1.7	.07	2.5	.46	6.6	.07	45.5	...	1,205.7	25.68
6.4	.89	264.9	.68	1.3	...	5.5	.45	9.7	.18	84.8	...	1,206.0	19.29
5.2	.73	325.0	.74	26.4	.07	4.2	.67	2.9	.12	40.0	.07	1,901.6	9.03
10.6	1.48	280.7	1.36	0.1	...	3.8	1.11	0.4	.12	25.5	...	1,144.4	22.95
4.5	.14	311.6	1.35	1.4	...	7.7	1.61	0.8	.14	55.1	...	868.9	7.43
4.1	.73	180.2	.19	10.1	.02	2.6	.27	7.9	.08	55.4	.02	730.5	6.26
6.6	.41	144.3	.21	1.0	...	2.9	.82	17.1	...	56.1	...	964.6	15.99
4.0	.95	197.5	.24	1.7	...	3.6	.24	12.1	.47	58.9	...	818.7	6.68
5.2	.58	158.4	.25	8.3	...	1.8	.25	12.5	.17	58.1	...	639.5	5.24
5.5	.27	316.1	.88	0.3	...	2.5	.14	18.8	.27	76.7	...	1,015.4	11.14
6.1	.25	177.8	.35	0.4	...	3.0	.51	19.6	.17	73.2	...	824.8	6.40
4.3	.42	208.3	.46	10.6	...	3.9	.71	17.7	.66	130.3	...	952.4	8.79
6.5	.87	515.8	.87	12.6	...	6.9	.43	23.4	.87	212.5	...	2,018.6	16.68
2.0	...	360.6	1.02	7.7	...	18.9	2.56	29.7	2.65	275.2	...	2,009.2	21.99
8.2	.32	85.1	.15	8.4	...	1.8	.25	24.4	.31	85.2	.07	637.0	5.35
14.4	.32	162.5	.32	...	...	0.8	.22	44.0	.43	99.4	...	702.9	11.61
5.8	1.00	113.6	.64	0.3	...	2.5	.32	35.8	...	133.1	...	822.1	6.40
2.7	.26	147.6	.20	10.4	.01	2.1	.25	3.3	.17	34.2	.05	569.9	4.40
6.5	.43	373.5	.52	0.4	...	4.0	.69	2.8	...	27.5	...	584.4	13.41
3.7	...	260.0	.70	0.5	...	4.0	1.16	11.6	...	63.5	.23	671.4	7.91
5.2	.63	189.9	.26	12.9	...	2.9	.50	10.6	.47	36.7	.08	670.8	8.20
6.7	1.19	529.7	.40	0.2	...	5.1	1.78	10.3	.40	25.7	...	1,112.7	17.99
6.6	.55	253.3	.55	1.7	...	2.8	...	9.4	...	81.0	...	803.6	2.77
4.6	.56	166.7	.29	19.7	.02	2.7	.85	8.5	.23	53.7	.14	700.0	6.40
7.5	.70	269.2	.65	1.2	.01	2.1	.59	13.8	.25	62.6	.03	1,630.2	16.13
4.5	.44	217.8	.74	1.2	...	5.1	.92	14.2	.08	57.6	.01	972.1	7.74

*B.—Admission and death rates from Enteric fever in stations of over 1,000 strength.*

Stations.	1918.				DECADENIUM, 1903-1918.				1918.				DECADENIUM, 1900-1918.						
	Admission rate per 1,000.		Death rate per 1,000.		Admission rate per 1,000.		Death rate per 1,000.		Admission rate per 1,000.		Death rate per 1,000.		Average annual strength.		Admission rate per 1,000.		Death rate per 1,000.		
	Stations.	...	Stations.	...	Stations.	...	Stations.	...	Stations.	...	Stations.	...	Stations.	...	Stations.	...	Stations.	...	
Lucknow	...	0.7	...	1.07	...	Mhow	...	5.7	1.15	...	4.7	0.29	...	...	...	...	...	...	
Merrut	...	3.5	...	0.88	...	Jubbulpore	...	2.4	...	...	3.3	0.56	...	...	...	...	...	...	
Delhi	...	7.5	2.50	0.87	...	Secunderabad	...	0.6	...	...	3.2	0.73	...	...	...	...	...	...	
Ambala	...	8.1	1.81	0.50	...	Poona	...	11.1	0.71	...	9.3	0.45	...	...	...	...	...	...	
Ferozapore	...	5.5	0.91	0.40	...	Kirkee	...	1.7	...	...	6.5	0.38	...	...	...	...	...	...	
Lahore Cantonment	...	7.0	...	1.50	...	Calaba	...	9.1	...	...	4.9	0.49	...	...	...	...	...	...	
Rawalpindi	...	9.7	1.76	0.57	...	Bangalore	...	6.2	1.56	...	9.8	0.42	...	...	...	...	...	...	
Nowshera	...	1.8	...	1.13	...	Quetta	...	4.2	...	...	2.7	0.27	...	...	...	...	...	...	
Faisalwar	...	5.6	...	0.68	...	Deolali	...	1.3	0.22	...	2.8	0.28	...	...	...	...	...	...	
Karachi	...	3.6	0.44	0.17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Years.	C.—OFFICERS.				D.—WOMEN.				E.—CHILDREN.										
	Average annual strength.	Admission rate per 1,000.	Constantly sick rate per 1,000.	Death rate per 1,000.	Average annual strength.	Admission rate per 1,000.	Constantly sick rate per 1,000.	Death rate per 1,000.	Average annual strength.	Admission rate per 1,000.	Constantly sick rate per 1,000.	Death rate per 1,000.							
	1900-13	801.1	31.22	8.01	7.99	5,145	512.6	20.86	7.99	372.2	14.55	25.65							
1918	4,524	1,744.6	52.58	21.98	2,024	603.0	21.38	21.98	632.9	18.81	20.20								

APPENDIX TO SECTION II.—INDIAN TROOPS.

v

ARMIES AND DIVISIONS.	Year.	Average strength.	Admissions into hospital.	Constantly sick.	RATIO PER MILLE OF STRENGTH.									
					DEATHS FROM									
					Cholera.	Small-pox.	Enteric-fever.	Malaria.	Tubercle of the lungs.	Pneumonia.	Dysentery.	Abscess of the liver.	All causes.	Mortality including absent deaths.
Army ...	1918	195,426	827	38	0'14	0'09	0'26	0'94	0'71	6'63	0'24	0'02	29'14	..
	1919	129,713	787	41	0'36	0'12	0'04	0'54	1'13	3'38	0'12	0'02	11'81	..
Army ...	1918	141,990	906	45	0'13	0'20	0'32	1'09	0'53	5'31	0'37	0'04	29'88	..
	1919	97,770	749	39	0'31	0'21	0'07	0'54	1'02	2'28	0'26	0'03	12'26	..
Shawar) Division	1918	23,755	1,003	47	...	0'08	0'59	0'63	0'88	4'46	...	...	36'03	..
	1919	16,305	935	36	...	0'12	...	0'43	0'80	3'62	0'18	...	16'50	..
Rawalpindi) Division	1918	41,018	683	34	0'22	0'07	0'22	0'66	0'61	5'70	0'22	0'02	26'96	..
	1919	23,495	707	49	0'13	0'17	0'04	0'89	1'92	3'66	0'17	...	11'75	..
Median Division	1918	35,062	745	36	0'14	0'09	0'14	1'31	0'51	10'89	0'29	...	36'79	..
	1919	30,844	751	40	0'19	0'13	0'03	0'39	0'75	4'15	0'03	...	10'89	..
Jetta) Division	1918	30,462	986	53	...	0'07	0'82	1'81	0'98	7'98	0'20	...	32'43	..
	1919	15,635	765	42	...	0'26	0'19	1'02	0'90	3'39	0'38	...	23'86	..
how) Division	1918	46,386	846	40	...	0'02	0'13	0'88	0'24	6'19	0'30	0'02	31'21	..
	1919	32,015	681	34	0'53	...	0'06	0'44	1'06	2'12	0'16	...	9'81	..
Division	1918	32,894	1,084	51	0'40	0'18	0'30	0'36	0'64	3'95	0'61	0'09	31'28	..
	1919	28,597	799	40	0'31	0'07	...	0'21	1'36	2'20	0'31	0'03	10'25	..
Division	1918	41,126	740	36	0'02	0'17	0'10	0'63	1'05	4'62	0'44	0'05	23'36	..
	1919	33,390	750	41	0'09	0'15	...	0'45	1'47	2'67	0'21	...	9'76	..
acknow) Division	1918	29,221	751	33	0'41	...	0'07	0'48	0'55	4'52	0'17	...	22'42	..
	1919	17,395	697	32	0'46	...	0'17	0'34	0'57	1'38	0'06	0'11	10'64	..
underabad) Division	1918	22,164	709	37	0'14	0'81	0'18	1'04	0'18	2'26	0'32	0'05	22'97	..
	1919	14,600	777	44	0'27	1'03	0'14	0'41	0'68	0'41	0'14	0'07	8'90	..
Division ...	1918	10,084	796	38	0'20	0'20	...	2'38	0'40	4'36	0'50	...	22'11	..
	1919	6,923	768	39	...	...	...	1'59	0'43	4'77	0'43	0'14	12'86	..
Derajat and Bancu Br-	1918	25,244	1,240	51	...	0'08	0'63	2'22	0'63	9'98	0'16	...	32'44	..
	1919	8,284	1,201	52	0'85	...	...	1'09	0'72	6'28	...	...	16'90	..
of India ...	1918	341,458	856	41	0'13	0'13	0'28	1'00	0'63	6'02	0'29	0'02	29'17	29'40
	1919	229,731	767	40	0'34	0'16	0'06	0'54	1'08	2'88	0'18	0'02	11'94	12'15

B.—GROUPS,	Years,	Average strength.	RATIO PER MIL.							
			Constantly sick,	Invaliding.	Influenza,		Cholera,		Small-pox,	
					A.	D.	A.	D.	A.	D.
Group I.—Burma Coast and Bay Islands.	1909-18	1,533	29'3	...	5'0	...	0'1	0'07	0'1	...
	1918	2,560	27'0	...	27'0	...	0'4	0'39	...	...
	1919	1,420	23'2	...	3'5	...	...	...	...	...
" II.—Burma Inland	1909-18	2,922	30'0	...	21'8	1'85	0'1	0'07	0'2	...
	1918	5,846	37'3	...	97'0	9'24	0'2	0'17	...	...
	1919	3,904	41'0	...	12'6	0'77	...	...	1'3	...
" III.—Assam	1909-18	730	25'9	...	3'3	...	...	...	0'1	...
	1918	...	...	...	...	...	...	...	...	...
	1919	...	...	...	...	...	...	...	...	...
" IV.—Bengal and Orissa	1909-18	2,391	27'3	...	57'8	3'85	0'6	0'46	0'04	...
	1918	5,376	30'9	...	251'7	17'11	2'2	1'67	...	...
	1919	3,909	30'7	...	206'2	7'16	0'5	0'26	0'5	...
" V.—Gangetic Plain and Chutia Nagpur.	1909-18	8,543	25'0	...	31'0	2'79	0'7	0'35	0'4	...
	1918	22,462	34'0	...	114'2	10'37	0'4	0'13	0'6	...
	1919	12,664	32'4	...	35'5	2'37	0'9	0'55	0'9	...
" VI.—Upper Sub-Himalaya	1909-18	32,701	29'5	...	35'4	4'51	0'5	0'22	0'6	...
	1918	94,424	35'1	...	118'1	15'62	0'1	0'07	1'2	...
	1919	66,329	47'1	...	3'7	0'77	0'5	0'30	1'6	...
" VII.—North-West Frontier, Indus Valley and North-Western Rajputana.	1909-18	26,856	36'0	...	33'5	3'30	0'4	0'16	0'4	...
	1918	57,695	52'4	...	150'8	15'34	...	...	0'7	...
	1919	35,007	62'6	...	38'0	5'54	0'1	...	1'7	...
" VIII.—South-Eastern Rajputana, Central India and Gujarat.	1909-18	13,804	26'8	...	41'9	4'32	0'3	0'15	0'5	...
	1918	35,397	37'1	...	157'8	16'87	...	...	0'5	...
	1919	26,683	29'3	...	63'4	1'46	1'1	0'60	1'9	...
" IX.—Deccan	1909-18	20,201	30'9	...	34'5	4'64	0'5	0'27	0'6	...
	1918	50,342	46'7	...	131'3	18'59	0'6	0'26	1'0	...
	1919	39,124	39'3	...	15'8	0'61	0'7	0'51	1'0	...
" X.—Western Coast	1909-18	2,116	53'4	...	36'7	3'05	0'4	0'19	1'4	...
	1918	6,042	49'8	...	122'8	10'59	0'7	...	3'1	...
	1919	4,811	58'8	...	99'4	6'24	1'2	0'42	1'2	...
" XI.—South India	1909-18	5,577	26'8	...	30'8	3'21	0'7	0'30	1'4	...
	1918	14,106	34'5	...	117'4	12'69	0'6	0'21	3'9	...
	1919	9,480	42'0	...	110'5	2'64	0'8	0'42	8'8	...
" XII.—Hill Stations	1909-18	26,842	29'7	...	31'7	2'54	0'2	0'17	0'2	...
	1918	43,166	42'8	...	172'9	15'80	0'3	0'19	0'4	...
	1919	24,152	33'6	...	46'7	7'44	0'4	0'29	1'0	...
ARMY OF INDIA	1909-18	157,469	26'2	10'7	31'5	3'30	0'4	0'20	0'5	...
	1918	341,458	40'7	19'2	136'8	15'23	0'2	0'13	1'0	...
	1919	229,731	40'0	21'8	34'7	2'63	0'6	0'34	1'7	...

NGTH.

FROM

	teric fever.	Malaria.		Pyrexia of uncertain origin.		Pneumonia.		Dysentery.		Venereal diseases.		All causes.	
		D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	
	...	154'1	1'50	73'0	0'13	11'7	2'61	21'0	0'20	38'7	0'07	745'4	8'09
	...	185'2	3'91	...	...	33'6	7'03	10'5	0'39	42'6	...	576'2	17'07
	...	52'8	1'41	5'6	...	34'5	9'56	...	...	71'1	...	476'1	15'49
0'7	0'24	108'3	1'30	38'0	0'24	4'9	1'20	11'5	0'24	60'9	0'03	665'8	9'07
	...	105'9	2'22	1'0	...	10'3	2'91	11'8	0'51	143'5	...	753'8	21'04
	...	176'0	1'79	3'3	...	14'3	4'35	9'0	0'77	152'9	...	772'0	11'78
0'7	0'14	183'0	10'41	45'5	...	9'2	0'41	31'6	0'27	19'2	...	712'7	3'42
	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...
0'7	0'13	90'1	0'34	38'9	0'08	9'6	1'55	25'4	0'29	29'7	0'04	717'9	9'54
	...	51'7	1'49	0'2	...	9'5	2'42	6'1	0'19	31'4	...	823'8	27'72
1'0	0'25	144'5	0'51	0'5	...	2'6	0'51	12'8	0'26	50'1	...	923'3	15'35
1'0	0'27	57'5	0'23	18'3	0'12	12'1	2'40	12'8	0'15	30'3	0'07	565'1	9'06
0'6	0'09	44'1	0'22	0'2	0'04	19'2	4'76	5'1	0'18	49'8	0'18	742'2	20'12
0'4	0'16	73'5	0'32	0'2	...	8'3	1'66	4'3	...	65'7	...	620'6	8'61
1'3	0'31	104'0	0'57	24'1	0'17	16'3	3'94	15'2	0'19	33'9	0'04	639'3	14'08
0'4	0'16	78'7	0'88	5'0	0'06	21'9	7'58	10'3	0'36	47'2	0'05	721'0	30'74
0'2	0'03	126'3	0'63	3'1	...	18'3	4'00	9'6	0'12	72'3	0'11	800'4	11'16
2'6	0'63	268'9	0'93	19'1	0'14	20'6	4'83	27'2	0'17	22'9	0'03	918'9	13'03
1'5	0'50	252'7	1'61	1'7	0'07	21'8	7'21	12'0	0'09	35'3	0'02	1,090'7	31'42
0'7	0'09	300'8	0'60	1'7	...	17'7	4'06	18'5	0'09	35'9	0'03	933'9	15'97
1'9	0'32	117'0	0'45	9'3	0'09	11'1	2'26	12'6	0'06	22'9	0'04	623'4	11'32
0'6	0'08	108'4	0'73	0'6	0'06	14'3	3'67	5'6	0'11	35'4	0'06	800'5	28'39
0'6	0'04	104'8	0'33	0'1	...	10'3	2'32	3'7	0'19	33'0	...	668'6	10'73
1'3	0'27	85'9	0'40	15'0	0'07	10'6	2'33	22'6	0'29	49'7	0'06	662'0	12'02
0'7	0'26	99'7	0'75	0'1	0'06	18'3	5'74	31'2	0'68	78'1	0'04	983'8	32'86
0'3	0'03	76'4	0'28	0'1	...	6'8	1'79	12'7	0'28	78'5	0'13	711'5	8'41
1'7	0'52	163'4	0'52	25'4	0'09	12'3	2'79	51'6	0'33	85'2	...	853'0	12'01
2'5	0'66	115'7	0'50	22'8	...	19'0	4'30	28'1	...	208'2	...	999'0	21'52
0'2	...	216'6	0'21	37'0	...	9'4	1'87	41'4	...	213'9	...	1,281'0	13'93
0'6	0'04	96'0	0'36	7'5	0'04	6'6	1'04	10'0	0'11	53'0	0'04	569'0	9'27
0'1	...	36'9	0'71	0'1	...	6'9	1'91	2'1	0'21	89'6	...	638'9	22'60
0'8	0'21	95'5	0'63	0'5	...	3'0	0'53	5'5	0'11	120'3	...	761'4	10'86
2'4	0'52	161'1	0'83	21'3	0'12	14'2	3'19	13'2	0'18	21'3	0'03	669'3	11'63
1'6	0'67	206'8	1'16	5'5	0'07	20'2	6'74	10'1	0'21	37'2	0'02	911'6	31'14
0'6	...	183'5	0'75	1'7	...	10'7	2'24	4'6	0'37	37'4	...	633'1	10'89
1'7	0'37	141'5	0'61	20'7	0'12	13'5	3'00	18'7	0'18	30'4	0'04	674'3	11'45
0'8	0'28	129'7	1'00	3'0	0'06	19'6	6'02	12'7	0'29	53'1	0'04	850'3	29'17
0'4	0'06	145'6	0'54	2'3	...	12'8	2'88	10'5	0'18	65'1	0'05	767'5	11'94

## 1.—ACTUALS. 2.—RATIOS.

C.—Plains and Hills.	Average annual strength.	Malaria.		Tubercle of the lungs.		Pneumonia.		Respiratory diseases.		Dysentery and Diarrhoea.		Scurvy.		Anæmia and Debility.		All causes.	
		A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
1915.	Plains ... 90,816	12,115	58	267	19	1,207	232	3,890	29	3,001	4	216	2	2,091	9	69,534	702
		133'4	'64	'29	'21	13'3	3'55	42'9	'32	43'0	'26	'4	'02	23'0	'10	765'7	773
	Hills ... 25,019	5,036	71	59	19	320	76	973	11	874	28	22	3	303	2	17,176	308
		201'3	2'84	2'4	'76	12'8	3'04	38'9	'44	34'9	1'12	'9	'12	12'1	'08	686'5	12'31
	Hills above 5,000 feet sea-level. } 13,094	1,482	7	25	13	180	42	561	6	348	4	18	3	154	1	7,036	129
113'2		'53	2'0	'99	13'7	3'21	42'1	'46	26'6	'31	1'4	'23	11'8	'08	537'3	9'85	
Hills below 5,000 feet sea-level. } 11,925	3,554	64	33	6	140	34	422	5	526	24	4	...	149	1	10,140	179	
	298'0	5'37	2'8	'50	11'7	2'85	35'4	'42	44'1	2'01	'3	...	12'5	'08	850'3	15'01	
1916.	Plains ... 106,307	20,946	81	278	37	1,726	341	3,671	40	4,276	34	309	4	2,293	8	80,269	936
		197'0	'76	2'6	'35	16'2	3'21	34'5	'38	40'2	'32	2'9	'04	21'6	'08	755'1	8'80
	Hills ... 30,238	6,312	16	112	21	616	121	1,355	29	1,112	11	36	2	385	5	22,994	302
		208'7	'53	3'7	'69	20'4	4'00	44'8	'96	36'7	'36	1'2	'07	12'7	'17	760'4	9'9
	Hills above 5,000 feet sea-level. } 15,909	2,096	7	74	13	343	72	912	13	558	5	27	2	153	2	10,961	179
131'7		'44	4'7	'82	21'6	4'53	57'3	'82	35'1	'31	1'7	'13	9'6	'13	689'0	11'25	
Hills below 5,000 feet sea-level. } 14,329	4,216	9	38	8	273	49	443	16	554	6	9	...	232	3	12,033	123	
	294'2	'63	2'7	'56	19'0	3'42	30'9	'112	38'7	'42	'6	...	16'2	'21	839'8	8'58	
1917.	Plains ... 154,019	27,392	136	390	63	3,377	775	6,453	147	4,399	38	109	2	2,556	12	114,119	1,764
		177'8	'88	2'5	'41	21'9	5'03	41'9	'95	28'6	'25	'7	'01	16'6	'08	740'9	11'45
	Hills ... 34,026	7,028	37	161	56	756	180	1,990	32	783	11	27	...	412	4	25,661	426
		206'5	1'09	4'7	1'65	22'2	5'29	58'5	'94	23'0	'32	'8	...	12'1	'12	754'2	12'32
	Hills above 5,000 feet sea-level. } 17,224	3,198	17	118	41	407	101	1,213	13	359	9	25	...	276	2	12,627	239
185'7		'99	6'9	2'38	23'6	5'86	70'4	'75	20'8	'52	1'5	...	16'0	'12	733'1	13'88	
Hills below 5,000 feet sea-level. } 16,802	3,830	20	43	15	349	79	777	19	424	2	2	...	136	2	13,034	187	
	227'9	1'19	2'6	'89	20'8	4'70	46'2	'113	25'2	'12	'1	...	8'1	'12	775'7	11'13	
1918.	Plains ... 296,990	35,320	289	703	162	5,796	1,760	17,402	538	10,470	100	195	5	4,421	7	252,515	8,604
		118'9	'97	2'4	'55	19'5	5'93	58'6	1'81	35'3	'34	'7	'02	14'9	'02	850'2	28'97
	Hills ... 43,160	8,926	50	154	52	873	291	2,416	95	1,566	10	30	1	512	1	39,352	1,344
		206'8	1'16	3'6	1'20	20'2	6'74	56'0	2'20	36'3	'23	'7	'02	11'9	'02	911'6	31'14
	Hills above 5,000 feet sea-level. } 25,756	4,680	34	113	36	549	204	1,441	75	918	5	25	...	318	1	21,867	870
181'7		1'32	4'4	1'40	21'3	7'92	55'9	2'91	35'6	'19	1'0	...	12'3	'04	849'0	33'78	
Hills below 5,000 feet sea-level. } 17,410	4,246	16	41	16	324	87	975	20	648	5	5	1	194	...	17,485	474	
	243'9	'92	2'4	'92	18'6	5'0	56'0	'115	37'2	'29	'3	'06	11'1	...	1,004'3	27'23	
1919.	Plains ... 201,826	28,972	105	823	207	2,671	607	11,811	273	6,723	35	134	2	4,097	6	160,272	2,323
		142'1	'52	4'0	1'02	13'1	2'96	57'9	1'34	33'0	'17	'7	'01	20'1	'03	786'3	11'40
	Hills ... 24,152	4,433	18	86	39	258	54	1,153	28	383	9	7	...	364	3	15,291	408
		183'5	'75	3'6	1'61	10'7	2'24	47'7	1'16	15'9	'37	'3	...	15'1	'12	633'1	160'8
	Hills above 5,000 feet sea-level. } 13,063	2,337	10	53	21	138	35	420	15	205	4	7	...	217	1	7,784	210
178'9		'77	4'1	1'61	10'6	2'68	32'2	1'15	15'7	'31	'5	...	16'6	'08	595'9	160'8	
Hills below 5,000 feet sea-level. } 11,089	2,096	8	33	18	120	19	733	13	178	5	...	...	147	2	7,507	198	
	189'0	'72	3'0	1'62	10'8	1'71	66'1	'117	16'1	'45	...	...	13'3	'18	677'0	17'86	

G.—Enteric Fever.						1909-1918.		1919.	
						Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.
... ..	...	...	...	...	...	4.6	0.56	4.5	0.44
... ..	...	...	...	...	...	1.7	0.36	0.4	0.06
... ..	...	...	...	...	...	3.5	0.77	0.4	...
... ..	...	...	...	...	...	1.0	0.23	0.7	0.18

\*Including Gurkhas.

						E.—TUBERCLE OF THE LUNGS, 1919.		F.—VENEREAL DISEASES, 1919.	
						Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	
... ..	...	...	...	...	...	3.9	0.04	67.5	
... ..	...	...	...	...	...	5.6	2.73	37.9	

						G.—INFLUENZA.				H.—PNEUMONIA.			
						1909-1918.		1919.		1909-1918.		1919.	
						Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.
... ..	...	...	...	...	...	32.4	1.12	25.2	0.25	2.7	0.35	5.1	0.92
... ..	...	...	...	...	...	31.5	3.30	34.7	2.63	13.5	3.00	12.8	2.89
... ..	...	...	...	...	...	28.0	1.86	64.4	4.07	12.4	3.34	13.5	3.86

A.—Maximum, Minimum and mean temperature in shade and its departure from the average

Stations.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.		
	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.
Calcutta	78.3	58.5	68.4	+2.0	81.7	60.1	70.9	-0.1	94.1	69.8	82.0	+1.9	95.2	73.3	85.7	+0.1	95.8	77.9	86.9
Narayanganj	77.1	57.8	67.8	+1.3	81.1	59.7	68.9	-1.1	93.4	69.0	81.2	+2.3	93.3	72.6	81.9	-1.3	92.0	75.2	84.1
Chittagong	80.2	57.1	68.7	+1.9	82.5	59.5	69.3	-0.9	91.2	68.6	79.9	+2.8	90.1	71.9	80.5	-0.7	93.0	76.4	84.7
Sibsagar	70.9	51.2	61.0	+1.2	74.6	52.8	63.7	+0.7	83.9	61.9	72.9	+3.7	82.5	65.5	74.0	+0.1	80.3	71.7	79.1
Silchar	78.9	55.0	67.5	+2.5	82.2	53.8	68.0	0	91.8	64.4	78.1	+3.5	91.1	68.4	79.7	+1.2	90.7	72.4	81.6
Cuttack	82.1	63.7	72.9	+0.9	84.3	62.6	75.9	-1.4	98.0	72.2	85.1	+0.5	102.5	78.4	90.4	+0.7	102.0	80.0	90.9
Patna	72.2	53.8	63.0	+1.3	76.0	52.1	64.6	-1.1	90.7	66.2	78.4	+1.4	97.0	72.9	84.8	-1.7	100.6	78.1	89.4
Darjeeling	50.1	35.3	43.2	+2.5	59.7	36.8	45.7	+6.3	59.8	44.9	52.4	+3.1	63.7	48.0	53.8	+0.3	65.7	52.3	59.0
Allahabad	73.9	51.2	62.6	+1.5	76.0	50.9	63.4	-2.1	92.6	63.1	77.8	+0.7	100.8	72.5	80.6	-1.1	106.5	80.7	93.6
Lucknow	...	...	...	...	...	...	...	...	93.7	63.0	79.0	-0.2	100.4	72.1	86.3	0	106.4	79.1	92.8
Delhi	68.3	49.1	58.7	-0.1	72.2	51.6	61.8	-1.3	83.9	63.6	74.7	+0.6	94.5	71.5	83.0	-2.8	104.3	79.5	90.4
Agra	71.4	50.2	60.8	+0.1	77.0	50.9	63.9	-1.0	89.7	63.3	76.5	+0.1	98.9	72.5	85.7	-1.0	105.6	81.0	93.3
Jhansi	73.8	50.2	62.0	-1.7	79.1	50.5	64.8	-3.3	92.6	64.3	78.9	-0.0	101.0	73.3	87.2	-2.9	107.2	81.4	94.3
Ajmer	70.4	46.9	58.7	-0.9	75.8	47.4	61.6	-1.9	89.9	60.3	73.6	-0.9	94.6	69.5	82.1	-3.1	102.1	80.8	91.5
Saugor	75.1	54.6	64.9	+0.5	79.6	54.8	67.2	-0.7	91.8	65.3	78.5	+0.5	98.4	72.8	85.0	-1.2	103.8	77.7	90.7
Jubbulpore	70.1	55.1	63.6	+2.7	77.4	54.5	65.9	-0.9	90.5	63.7	76.6	+0.1	97.8	69.9	83.9	-1.9	103.4	76.5	90.0
Multan	68.8	44.4	56.6	+0.1	75.7	50.8	63.3	+2.8	85.4	60.4	72.9	+0.9	95.1	70.4	82.2	-0.4	103.9	79.7	91.8
Lahore	66.6	42.9	54.8	0	69.8	45.7	57.8	-0.5	82.8	59.5	69.6	+0.5	92.3	65.3	78.8	-1.7	102.0	74.1	86.0
Peshawar	63.6	38.8	51.1	-0.1	67.1	42.3	54.7	+0.6	74.8	50.8	62.8	-0.5	87.2	59.6	73.4	+0.5	95.3	68.6	83.9
Chakrata	47.8	34.7	41.2	-2.1	51.2	36.5	43.9	+0.4	61.6	44.2	52.9	+0.6	69.0	48.0	57.5	-2.9	76.2	55.8	66.0
Indore	80.1	53.9	67.0	+2.5	84.2	52.3	68.3	+0.9	94.6	61.8	78.2	+1.9	99.8	70.2	83.0	+0.1	103.9	76.3	90.1
Deesa	82.2	53.1	67.6	+0.5	89.8	52.5	70.6	+0.3	95.7	62.7	79.3	-0.5	103.2	71.5	87.2	-0.4	108.7	79.4	94.0
Karachi	75.2	56.6	65.6	-1.5	79.6	60.9	68.8	-2.1	80.6	68.7	74.6	+0.6	83.0	73.7	78.4	-1.3	88.5	80.0	84.2
Bombay	82.8	68.7	75.7	+0.5	81.4	68.4	75.4	-0.2	85.0	72.9	78.0	-0.5	89.0	76.9	82.9	-0.1	91.4	81.3	86.3
Belgaum	84.3	59.0	71.6	+1.1	90.7	60.4	75.5	+1.7	93.6	62.4	78.0	-0.8	97.7	67.3	82.5	+1.3	92.6	68.5	80.6
Nagpur	82.1	59.2	70.7	+0.9	84.5	60.2	72.4	-1.9	95.8	66.5	81.2	-1.5	102.4	73.6	88.0	-2.6	106.7	79.8	93.2
Bellary	88.5	65.6	77.1	+2.1	95.5	69.1	82.3	+2.3	100.8	72.1	86.1	-0.3	104.2	78.2	91.2	+0.8	103.2	77.3	89.8
Bangalore	83.1	61.2	72.1	+3.1	88.1	62.6	75.3	+2.3	91.9	64.9	78.4	+0.5	95.7	70.9	83.3	+2.0	91.0	69.1	80.1
Madras	85.2	72.2	78.7	+2.5	87.6	71.4	79.5	+1.9	88.6	72.0	80.3	-0.7	93.5	78.6	86.1	+0.8	99.0	81.7	90.4
Barrackpore	90.9	67.2	79.1	+2.2	93.2	67.4	80.3	+0.8	97.2	71.3	83.8	+0.1	98.8	76.1	87.4	+0.2	94.0	77.9	86.0
Akyab	81.2	60.6	70.9	+0.7	83.1	59.5	71.3	-1.7	89.7	67.4	78.6	-0.1	90.7	73.5	82.1	-1.0	93.2	77.2	85.2

RAL POPULATION.

h month at thirty-one stations in India during 1919.

JUNE.	JULY.				AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.								
	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	
24.6	-0.5	82.0	70.1	84.0	+0.3	87.7	78.9	83.3	+0.3	88.0	78.3	83.4	+0.5	89.1	74.3	81.7	+0.9	82.5	66.1	74.3	+1.1	77.3	55.9	66.6	+0.1				
83.8	+0.1	87.6	78.0	82.8	-0.9	87.2	78.3	82.8	-0.6	87.5	77.2	82.4	-1.3	89.3	75.7	82.5	+0.9	83.5	67.9	75.7	+1.1	77.4	57.3	67.3	-0.4				
83.2	+1.4	85.8	75.9	84.9	-0.3	86.8	76.6	81.7	+0.7	86.0	75.3	80.7	-0.9	88.8	74.5	81.7	+1.7	83.0	66.5	74.7	+0.5	79.1	56.2	67.2	-0.8				
83.2	+0.2	87.4	78.4	82.9	-0.8	89.4	79.7	84.8	+1.5	83.7	74.8	79.3	-2.8	81.3	71.6	76.3	-1.1	77.1	63.5	74.3	+1.5	71.0	53.2	62.2	+1.5				
85.1	+2.5	90.9	76.9	83.9	+0.3	91.4	77.8	85.4	+2.3	88.3	75.2	81.8	-1.3	88.6	73.6	81.1	+0.6	84.3	64.7	74.5	+0.3	79.6	55.2	76.4	+0.1				
85.2	-2.7	90.3	78.4	84.4	+0.1	87.7	75.1	82.9	-0.9	90.4	78.3	84.4	+0.3	88.7	74.0	81.7	-0.7	82.5	68.7	75.6	+0.1	78.2	59.3	68.8	-1.5				
87.2	-0.9	88.8	78.6	83.7	-1.3	89.7	80.2	84.9	+0.6	88.2	78.3	83.2	-1.1	87.4	72.4	79.9	-0.6	82.1	62.2	72.2	+0.9	73.6	52.1	62.8	-0.2				
63.4	+2.1	68.5	58.3	63.5	+1.5	70.7	58.9	64.8	+3.1	65.1	51.9	60.5	+0.2	64.5	51.3	57.9	+2.3	57.7	44.3	51.0	+2.1	51.0	37.9	44.5	+1.5				
97.4	+3.8	99.2	78.3	84.3	-1.7	89.8	79.4	84.6	+0.3	91.6	76.9	84.3	0	89.9	67.4	78.6	-0.4	84.3	55.9	70.1	+0.7	76.0	48.2	62.1	+0.3				
94.7	+3.3	91.7	79.0	85.3	-0.7	92.6	79.4	86.0	+1.5	92.6	76.6	84.6	+0.5	90.3	65.5	77.9	-0.5	83.8	54.7	68.1	+0.7	75.3	46.6	61.0	-0.1				
97.7	+3.9	95.0	81.2	88.1	+0.5	90.2	79.4	84.8	-0.9	93.5	71.1	85.3	+0.4	91.8	65.7	80.2	+0.3	79.7	56.9	68.3	-1.5	67.8	49.3	58.6	-2.0				
99.2	+3.6	92.4	79.7	86.0	-1.5	89.9	78.8	84.4	-0.9	93.7	76.8	85.2	+0.1	91.3	67.0	80.2	-0.5	83.1	56.7	69.9	-0.7	73.1	48.9	61.0	-1.3				
96.8	+1.3	90.1	77.1	83.6	-2.0	86.8	76.0	81.4	-1.8	91.6	75.0	82.3	-0.5	92.5	65.5	79.0	-2.5	84.6	56.1	70.3	-2.3	76.4	47.9	62.2	-3.2				
92.0	+0.7	91.1	78.0	84.5	-0.3	84.5	75.4	79.9	-2.0	87.5	72.0	79.7	-2.5	92.1	63.9	78.0	-0.1	81.5	54.8	68.1	-0.3	70.9	46.2	58.5	-2.8				
88.3	-0.3	82.9	72.7	77.8	-2.2	80.6	72.6	76.6	-1.7	86.5	71.6	78.7	-0.1	87.6	65.9	76.7	-0.3	82.7	59.4	71.0	+1.1	77.2	52.0	64.0	-0.1				
88.0	-0.5	84.1	74.5	79.3	-1.3	81.8	73.9	78.0	-1.5	86.5	73.0	79.7	-0.1	86.6	64.8	75.7	+0.1	81.7	58.9	70.3	+3.1	76.3	49.0	62.6	+0.9				
99.9	+3.7	103.7	85.7	94.6	+0.4	98.2	83.2	90.7	-1.2	99.4	77.7	88.5	-0.5	96.3	66.0	81.3	+0.7	82.9	53.7	68.8	-0.3	70.1	46.7	58.4	-0.9				
99.0	+5.2	100.2	83.4	91.8	+1.5	93.3	79.9	86.6	-1.7	96.7	74.5	85.0	-0.3	94.3	60.2	77.3	-0.3	81.5	47.7	64.6	-1.5	67.3	42.4	54.8	-2.0				
97.9	+6.3	107.5	82.3	94.9	+3.9	98.7	78.2	88.4	-0.1	95.8	70.3	83.0	0	89.3	59.6	73.0	-0.1	79.2	42.6	59.4	-2.3	59.8	38.5	49.2	-3.9				
68.5	+1.3	71.0	60.7	65.9	+0.9	71.1	60.7	65.9	+1.9	71.3	57.5	64.4	+1.5	71.4	52.3	61.6	+2.9	62.3	45.2	53.8	+1.3	53.3	37.9	49.1	-1.3				
84.5	-1.0	84.5	72.0	78.3	-0.7	81.6	72.0	76.8	-0.2	86.1	70.5	78.3	+0.7	88.3	63.0	75.7	-0.3	84.7	60.0	72.3	+3.3	79.4	50.5	64.9	+0.3				
62.2	+0.9	93.5	78.6	86.1	+0.7	80.8	70.3	81.5	-0.9	92.4	73.5	82.9	-0.7	98.4	60.1	82.3	0	91.8	60.7	76.2	+1.1	84.3	51.1	67.7	-1.5				
84.9	-1.8	83.4	81.3	84.8	+0.5	85.0	78.7	81.6	0	84.2	75.2	79.7	-1.0	87.2	72.0	79.6	-0.2	86.6	63.8	70.2	+0.7	77.6	58.9	68.3	-0.7				
84.7	+0.9	83.4	78.3	81.8	+0.7	84.2	77.7	80.9	+0.3	86.3	77.7	82.0	+1.3	88.6	77.8	83.2	+0.9	85.2	75.9	82.0	+1.7	84.6	70.2	77.4	+0.1				
73.8	-0.7	76.7	67.3	72.0	+0.7	75.0	66.7	70.9	-0.5	79.5	66.4	73.0	+0.8	81.6	66.1	74.3	+0.2	82.9	64.0	72.9	+1.3	80.9	58.6	69.7	-0.3				
86.5	-2.6	87.5	75.1	81.3	-0.3	84.6	71.8	79.7	-1.1	90.1	73.8	81.9	+0.5	88.6	68.0	78.3	-0.9	86.0	63.7	74.9	+3.3	81.2	53.7	67.5	-0.5				
84.4	-0.9	92.7	75.4	84.1	+1.1	92.0	74.5	83.2	+0.9	11.2	72.4	84.6	+0.1	90.5	72.1	81.3	+0.5	85.9	68.8	77.4	+0.8	85.9	63.8	74.9	+1.3				
75.5	-0.5	82.5	68.6	74.6	+0.5	82.2	65.9	74.1	+0.2	83.4	69.3	74.8	+1.2	83.3	65.9	74.6	+1.1	79.8	63.7	71.7	+1.0	79.2	60.6	69.9	+1.4				
50.0	+0.1	94.5	78.0	86.2	-1.1	96.6	79.1	87.8	+2.2	91.9	76.8	84.4	-0.7	83.3	76.2	82.8	+0.7	80.2	74.3	80.3	+1.5	83.7	72.5	78.1	+1.6				
80.8	-0.7	84.6	75.0	79.9	-0.7	83.2	75.1	80.2	-0.3	87.1	75.7	81.7	+0.9	89.4	76.6	83.0	+1.3	87.8	73.3	80.6	+0.5	87.4	67.7	77.5	+0.3				
81.7	-0.3	85.2	75.4	80.3	-0.6	84.1	75.2	79.6	-1.2	86.2	75.5	80.1	-1.3	88.8	75.5	82.2	+0.1	84.5	70.5	77	-0.5	78.3	62.0	70.1	-2.1				



## C.—Births.

Province.	Population under registration.	RATIO OF BIRTHS PER 1,000 OF POPULATION.			Number of males born to every 100 females.	Excess of births over deaths per 1,000 of population.	Excess of deaths over births per 1,000 of population.
		Maximum for any one district.	Minimum for any one district.	Mean for the province.			
...	416,656	...	...	45'80	110	3'80	...
...	45,329,247	32'8	18'5	27'5	107	...	8'7
and Orissa...	34,489,846	36'2	22'6	30'4	105	...	9'6
...	6,051,507	38'52	27'41	30'52	106	...	19'57
Provinces of Agra and Oudh	46,806,539	39'48	19'77	32'39	110'44	...	9'30
...	19,337,146	50'7	21'1	40'3	112'9	12'0	...
West Frontier Province	2,041,077	33'7	24'7	28'6	126'2	1'05	...
Provinces and Berar	13,916,308	42'60	25'06	34'31	105'08	...	8'93
Presidency	40,005,735	36'6	15'8	25'5	105'2	...	1'7
...	174,976	43'58	18'12	26'35	102'95	...	9'01
Presidency	19,587,383	41'41	11'78	27'90	109'16	...	4'63
... { Lower	6,103,109	38'60	20'49	28'05	106	...	1
... { Upper	3,721,281	38'76	26'40	32'91	104	1'30	...
Merwara	501,395	31'46	29'59	30'04	113'90	1'37	...

## D.—Deaths.

Province.	Population under registration.	Area in square miles.	Average population per square mile.	RATIO OF DEATHS PER 1,000 OF POPULATION.			DEATH RATE BY SEX.	
				Maximum for any one district.	Minimum for any one district.	Mean for the province.	Male.	Female.
...	416,656	7'92*	28,469*	...	...	42'00	38'14	46'86
...	45,329,247	70,873	639	62'3	27'7	26'2	37'0	35'4
and Orissa	34,489,846	83,180	414	87'9	30'5	40'0	42'6	37'4
...	6,051,507	31,845	190	60'74	33'96	50'09	50'90	49'21
Provinces of Agra and Oudh	46,806,539	106,335	440	58'52	28'02	41'69	41'59	41'79
...	19,337,146	96,654	200	39'0	21'5	28'3	27'5	29'4
West Frontier Province	2,041,077	13,399	152	34'9	23'8	28'6	28'9	28'2
Provinces and Berar	13,916,308	99,823	139	55'63	30'21	43'24	45'70	40'80
Presidency	40,005,735	126,585	316	53'1	16'0	27'2	28'0	26'5
...	174,976	1,582	111	44'47	27'08	35'36	34'06	36'99
Presidency	19,587,383	122,978	159	70'52	18'92	32'53	32'93	32'09
... { Lower	6,103,109	6,266	88	53'03	24'30	30'16	31'05	29'16
... { Upper	3,721,281	40,542	92	49'87	27'00	32'62	34'34	31'02
Merwara	501,395	2,711	185	29'44	26'26	28'67	28'65	28'69

\* Delhi Municipal Town.

## E.—Total number of deaths by months.

Province.	1919												Total.	RA- 1,000 Pop- TI
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.		
Delhi ...	1,415	1,063	1,168	1,394	1,739	1,841	917	903	1,586	1,879	1,873	1,723	17,501	42.0
Bengal ...	198,814	147,042	160,288	154,157	122,791	98,929	98,068	92,533	108,791	109,965	146,485	203,248	1,641,111	36.2
Bihar & Orissa	151,581	105,157	106,956	104,993	95,451	102,198	108,922	127,923	124,228	108,420	116,119	127,709	1,379,657	40.1
Assam ...	35,212	22,783	25,070	28,052	25,045	25,171	26,200	26,474	22,142	22,944	22,030	22,010	303,133	50.8
United Provin- ces of Agra and Oudh.	348,045	185,933	134,960	133,833	146,945	149,833	115,092	117,246	128,015	150,686	176,144	161,930	1,951,662	41.1
Punjab ...	52,366	38,926	38,362	39,231	44,340	47,834	39,755	33,347	47,209	55,916	56,169	55,575	548,070	28.2
North-West Frontier Province.	6,814	4,934	3,762	3,441	3,459	5,566	7,599	4,216	3,655	4,343	5,016	5,497	58,302	28.2
Central Provin- ces and Berar.	57,169	38,265	39,913	40,355	50,794	58,612	45,521	63,152	59,711	55,107	47,362	45,759	601,720	43.2
Madras Presi- dency.	130,804	89,193	80,157	69,123	79,278	86,005	103,123	96,417	78,915	79,990	85,809	111,015	1,089,829	27.2
Coorg ...	360	269	383	499	646	906	734	631	464	449	436	410	6,187	35.2
Bombay Presi- dency.	73,501	51,839	48,625	47,719	51,572	45,623	59,678	61,116	48,615	48,889	46,066	53,927	637,170	32.5
Burma { Lower	22,370	15,437	13,384	12,991	12,334	14,428	19,107	18,117	15,092	13,116	13,341	14,357	184,074	30.1
Upper	14,145	9,744	10,477	9,579	8,625	8,385	9,796	10,592	9,553	9,105	9,615	11,771	121,387	32.6
Ajmer-Mer- wara.	1,495	1,296	1,369	1,296	1,243	844	610	1,098	1,451	1,185	1,358	1,130	14,375	28.6
Total ...	1,091,091	711,881	664,874	645,663	644,262	646,175	635,162	653,763	649,427	661,994	727,823	819,061	8,554,178	35.8

## F.—Ratio of deaths from all causes according to months.

Province.	ANNUAL* DEATH RATE PER MILLE FOR THE MONTH OF												R- e- s-
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Delhi ...	39.99	33.26	33.01	40.71	49.14	53.76	25.91	25.52	46.31	53.10	54.69	48.69	
Bengal ...	51.64	42.29	41.73	41.38	31.89	26.55	25.47	24.04	29.20	28.56	39.32	52.79	
Bihar and Orissa	51.75	39.74	36.51	37.04	32.59	36.05	37.18	43.67	43.82	37.01	40.96	43.60	
Assam ...	68.51	49.08	48.78	56.40	48.73	50.61	50.98	51.51	44.52	44.64	44.29	42.82	
United Provinces of Agra and Oudh	87.55	51.78	33.95	34.79	36.96	38.95	28.95	29.49	33.28	37.91	45.79	41.49	
Punjab ...	31.89	26.24	23.36	24.05	27.00	30.10	24.23	20.30	29.70	34.05	35.34	33.84	
North-West Frontier Province	39.31	31.51	21.70	20.51	19.95	33.18	43.84	24.32	21.79	25.05	29.90	31.71	
Central Provinces and Berar	48.37	35.84	33.77	35.28	42.98	51.24	38.51	53.43	52.20	46.62	41.41	38.72	
Madras Presidency	38.50	29.06	23.59	21.02	23.33	26.16	30.35	28.38	24.00	23.54	26.10	32.67	
Coorg ...	24.22	20.04	25.77	34.70	43.47	63.00	49.39	42.46	32.26	30.21	30.32	27.59	
Bombay Presidency	44.18	34.50	29.23	29.64	31.00	28.24	35.87	36.74	30.20	29.39	29.61	32.42	
Burma { Lower	43.16	32.97	25.82	25.90	23.79	28.76	36.86	34.95	30.09	25.30	26.60	27.70	
Upper	44.76	34.13	33.15	31.32	27.29	27.41	30.99	33.51	31.23	28.81	31.44	37.24	
Ajmer-Merwara	35.11	33.69	32.15	31.45	29.19	20.48	14.32	25.78	35.21	27.83	32.95	26.54	
India	54.02	38.91	32.83	32.94	31.81	32.97	31.36	32.28	33.13	32.68	37.13	40.44	

\*The ratios in the statement have been calculated with reference to the number of days in each month.

## G.—Deaths according to age.

Province.	UNDER ONE YEAR.*		RATIO PER 1,000 OF POPULATION.																	
			1-5 YEARS.		5-10 YEARS.		10-15 YEARS.		15-20 YEARS.		20-30 YEARS.		30-40 YEARS.		40-50 YEARS.		50-60 YEARS.		60 YEARS AND UPWARDS.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
...	249'37	245'35	Information not available.																	
al ...	231'45	224'86	45'6	41'2	20'9	18'0	16'4	15'3	23'8	25'9	25'8	28'8	30'0	22'9	35'3	30'8	49'9	44'0	89'9	74'2
and ...	216'60	212'34	62'4	55'5	22'6	19'3	18'4	15'8	21'8	19'7	26'5	22'3	32'4	26'9	42'3	30'7	63'8	52'2	114'8	90'7
...	250'01	228'91	62'14	53'71	30'78	27'78	25'99	25'62	31'20	36'52	34'58	41'71	43'30	46'41	54'85	47'75	73'01	58'48	115'98	95'55
Prov- ...	253'02	253'56	84'91	83'18	21'94	20'97	15'06	15'92	19'50	23'92	23'47	25'67	26'78	27'08	34'41	33'36	54'20	46'78	94'24	79'84
...	189'34	188'04	49'12	50'30	12'31	13'22	8'87	11'73	10'34	13'24	10'77	12'90	13'52	16'20	18'55	18'05	28'28	27'26	60'42	64'94
-West ...	175'50	175'57	33'16	31'13	14'1	13'5	14'7	17'9	22'4	24'5	18'7	18'6	21'2	23'6	29'6	27'2	40'5	39'0	57'2	56'2
d Prov- ...	309'71	283'38	76'22	66'94	25'33	21'96	17'52	16'69	19'74	18'11	19'60	18'39	24'26	22'31	33'87	25'16	49'59	40'45	114'87	97'79
as Presi- ...	198'53	186'92	37'1	35'2	13'0	12'5	9'0	9'2	12'6	14'8	15'1	16'2	18'7	17'6	23'1	18'9	35'6	29'9	85'6	81'0
...	276'61	276'85	58'89	55'15	13'36	14'29	9'19	10'09	13'63	14'69	20'94	26'74	28'67	33'31	37'27	32'27	56'76	50'09	80'62	82'57
ay Presi- ...	206'70	196'73	56'48	53'32	16'96	17'59	10'73	12'37	13'46	16'02	18'68	19'40	21'91	20'74	27'70	20'47	44'76	33'99	105'69	94'66
{ Lower ...	197'13	173'81	...	62'12	15'79	15'26	11'36	11'41	17'46	16'36	22'73	...	...	22'66	36'54	...	...	31'41	78'50	75'60
{ Upper ...	272'80	247'39	...	84'51	13'90	13'05	9'66	9'97	17'65	15'26	21'01	...	...	19'56	30'05	...	...	23'78	81'25	71'05
Merwara ...	Information not available.																			
total ...	228'08	220'44	58'94	52.43	19'36	17'78	14'09	13'96	18'30	20'44	20'60	23'3.4	26'78	23'39	31'28	27'43	49'52	38'25	92'81	81'86

\* Calculated on the number of births during 1919.

## H.—Deaths in Towns and Rural Circles compared.

Province.	NUMBER OF REGISTRATION CIRCLES.			POPULATION.			RATIO OF DEATHS PER 1,000 OF POPULATION.		
	Rural.	Town.	Total.	Rural.	Town.	Total.	Rural.	Town.	Total.
...	11	1	12	187,512	229,144	416,656	36'66	46'37	42'00
al ...	382	116	498	42,421,996	2,907,251	45,329,247	36'4	33'8	36'2
and Orissa ...	242	57	299	33,288,211	1,201,635	34,489,846	40'2	33'3	40'0
n ...	97	20	117	5,932,062	119,445	6,051,507	50'35	37'33	50'09
d Provinces of ...	1,085	93	1,178	43,769,781	3,036,758	46,806,539	41'60	42'32	41'69
ib ...	416	145	561	17,559,932	1,777,214	19,337,146	27'78	33'95	28'3.4
-West Frontier ...	66	13	79	1,849,832	191,245	2,041,077	27'80	35'87	28'56
al Provinces and ...	412	111	523	12,638,587	1,277,721	13,916,308	43'17	43'90	43'24
as Presidency ...	226	269	495	35,151,499	4,854,236	40,005,735	26'6	31'7	27'2
...	8	2	10	164,995	9,981	174,976	34'23	54'10	35'36
ay Presidency ...	249	112	361	16,407,762	3,179,621	19,587,383	29'61	47'56	32'53
{ Lower ...	216	41	257	5,308,483	794,626	6,103,109	27'85	45'60	30'16
{ Upper ...	124	21	145	3,397,275	324,006	3,721,281	30'68	52'99	32'62
er-Merwara ...	Not available.		23	Not available.		501,395	Not available.		28'67

I.—Deaths from cholera in the different provinces in India from 1888 to 1919.

Year.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces and Oudh.	Punjab.	(a) N.W. Frontier Province.	Central Provinces.	Berar.	Madras.	Coorg.	Bombay.	Lower Burma.	Upper Burma.	Ajmer-Merwara.	Rajputana.	Central India.	Hyderabad (cantonnement stations).	Mysore.
1888	...	114,391	...	9,693	18,704	14,938	...	921	305	38,577	2	35,300	13,582	...	13	32	191	2,037	1,015
1889	...	171,103	...	18,288	48,404	2,838	...	52,288	10,925	76,020	9	37,431	3,240	...	55	6,923	3,244	1,128	1,590
1890	...	145,885	...	15,396	80,295	3,401	...	4,787	847	35,988	5	3,259	1,076	...	408	2,746	3,132	...	1,326
1891	...	229,575	...	23,882	169,013	10,107	...	21,312	7,685	68,773	7	17,850	2,400	...	532	2,046	13,474	3,102	1,204
1892	...	230,378	...	21,552	194,886	75,659	...	39,072	2,936	79,013	58	47,900	6,208	...	2,337	26,760	8,384	53	5,407
1893	...	126,076	...	21,849	12,154	639	...	337	1,188	37,200	9	18,853	2,303	...	3	314	127	165	680
1894	...	236,150	...	13,197	178,079	113	...	7,043	3,452	24,289	3	33,658	7,428	...	...	2	5,210	1,862	338
1895	...	177,087	...	18,062	51,862	549	...	15,866	11,919	21,172	...	8,590	5,150	...	282	1,049	6,043	467	2,334
1896	...	256,824	...	17,042	69,147	5,146	...	52,085	12,264	47,847	49	35,104	2,959	...	12	3,797	15,766	525	2,100
1897	...	196,247	...	33,240	44,008	622	...	57,131	10,122	143,415	106	57,109	8,538	...	19	1,496	13,202	1,039	4,248
1898	...	65,020	...	11,149	2,508	313	...	7	...	65,444	8	4,368	2,072	...	1	6	2	6	1,593
1899	...	107,778	...	8,180	8,142	1,816	...	1,176	541	29,022	...	8,579	4,042	2,050	1	498	...	...	123
1900	...	345,878	...	23,761	84,060	28,260	...	63,114	18,275	60,662	...	163,889	3,440	41	4,842	28,719	20,450	3,813	779
1901	...	110,753	...	7,168	53,095	180	117	49	17	81,270	58	13,600	3,552	1	50	6	72	1	11,351
1902	...	150,071	...	12,638	25,160	371	...	28	16	29,769	...	3,730	1,844	57	32	1,519	12	...	218
1903	...	203,495	...	8,360	47,159	14,688	1,254	437	...	27,303	...	1,825	5,246	2,887	...	236	1,110	...	98
1904	...	137,791	...	5,888	6,617	716	1	2,667	...	23,109	...	13,156	2,472	568	...	1	150	...	471
1905	...	146,339	...	8,423,312	121,710	2,197	300	1,217	...	16,888	...	5,396	3,511	1,836	...	3	27	64	626
1906	...	192,896	...	108,218	14,549	4,322	...	38,788	...	142,811	10	46,119	5,329	2,343	284	4,714	10,147	1,061	7,223
1907	...	205,192	...	77,181	22,438	437	266	4,291	...	81,265	187	7,556	7,064	414	1	64	41	1	4,072
1908	...	208,008	...	56,329	83,544	12,297	2,845	9,048	...	141,070	114	1,759	16,336	2,875	...	737	1,730	937	2,449
1909	...	56,211	...	71,737	21,893	1,513	134	7,687	...	30,474	99	28,714	4,011	7,348	...	403	1,421	164	1,629
1910	...	162,611	...	117,069	102,402	2,131	1,608	5,316	...	132,594	56	3,691	1,234	177	...	8	2,864	2	1,812
1911	...	124,560	...	39,248	117,689	1,560	12	2,998	...	38,174	6	5,817	2,595	1,596	2	85	1,654	803	210
1912	406	95,407	77,021	(b) 14,303	18,894	1,833	1,279	34,313	...	92,407	...	6,595	6,013	1,173	...	414	9,080	1,190	6,746
1913	37	78,848	70,379	16,497	60,497	5,811	175	15,286	...	37,759	192	5,134	3,701	615	...	4,085	2,823	1,322(c)	8,062
1914	12	89,224	37,115	9,270	37,498	6,696	2,300	20,345	...	68,449	...	17,779	2,042	31	9	1,627	10,075	5,503(c)	849
1915	92	13,679	88,849	26,079	90,508	13,196	522	5,662	...	30,098	...	377	8,209	9,388	3	1,681	795	2,072(c)	178
1916	69	76,836	90,852	13,099	33,300	1,621	194	30,205	...	16,733	1	16,541	1,467	266	801	5,075	5,474	1,475(c)	137
1917	12	45,021	109,650	10,953	21,440	1,265	...	691	...	58,639	32	17,013	1,886	28	12	69	589	2,579(c)	728
1918	3	84,379	205,584	14,077	119,746	257	31	3,351	...	122,263	1	8,834	3,713	536	7	3	485	7,200(c)	3,153
1919	66	124,049	104,727	33,281	81,365	8,461	4,400	69,089	...	95,069	137	51,581	6,327	3,933	59	848	8,209	13,311(c)	2,306

## I.—Deaths from Cholera in British Provinces, by months, during the year 1919.

Province.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	RATIO PER 1,000 OF POPULATION.	
														1919.	1918.
...	...	...	...	...	1	6	10	9	40	...	...	...	66	'16	'007
...	10,376	11,069	22,438	28,485	17,136	6,977	4,365	2,868	2,752	2,710	5,933	9,840	124,649	2'8	1'8
and Orissa	1,998	2,422	5,930	14,139	16,355	19,193	15,267	14,337	6,234	3,159	2,909	2,784	104,727	3'0	5'9
...	2,350	1,922	4,593	8,522	6,025	4,285	2,339	779	492	582	839	1,252	33,980	5'61	2'32
Provinces of Agra and Oudh	57	31	65	6,786	15,967	21,241	9,824	10,593	9,627	5,599	1,067	508	81,365	1'74	2'56
...	...	...	...	35	273	1,436	3,762	1,464	1,190	101	...	...	8,561	'44	'01
West Frontier Province.	...	...	...	...	2	1,658	2,202	251	176	87	24	...	4,400	2'16	'01
Provinces of Berar.	174	220	656	4,148	10,544	18,262	8,667	11,158	4,824	2,346	732	58	62,089	4'46	'24
Presidency	21,245	8,664	4,716	3,029	6,668	8,614	10,564	8,362	4,581	3,765	4,261	8,763	93,262	2'3	3'0
...	11	...	15	20	44	40	15	1	...	3	2	6	157	'90	'01
Presidency	6,892	4,855	1,573	2,867	6,060	6,523	13,111	7,563	1,304	468	251	84	51,551	2'63	'45
Lower...	852	887	832	1,019	1,091	658	1,193	871	512	589	404	404	9,327	1'53	'61
Upper...	181	84	204	261	365	632	691	438	236	264	265	312	3,933	1'06	'15
Merwara	...	...	...	1	...	...	1	27	22	...	8	...	59	'12	'01
Total	44,146	30,154	41,022	69,312	80,531	89,525	72,346	58,721	32,290	19,673	16,695	24,011	578,426	2'43	2'35

## K.—Details of the distribution and occurrence of Cholera during the year 1919.

Province.	Mortality in 1919.	Mean mortality of previous 5 years.	Urban mortality.	Rural mortality.	Percentage of villages attacked.	Maximum mortality in any one district excluding towns.	Maximum mortality in any one town.	Month of maximum mortality.		
...	...	...	'16	'08	...	...	2'58	...	September.	
...	...	...	2'8	1'8	3'4	2'7	13'30	6'8	11'2	April.
and Orissa	...	...	3'0	3'0	2'5	3'0	12'79	13'0	14'6	June.
...	...	...	5'61	2'45	4'83	5'63	18'82	9'82	34'60	April.
Provinces of Agra and Oudh	...	...	1'74	1'27	1'27	1'77	5'66	6'58	12'28	June.
...	...	...	'44	'24	'63	'42	2'18	4'01	45'91	July.
West Frontier Province	...	...	2'16	'33	3'48	2'02	18'43	11'05	15'15	July.
Provinces and Berar	...	...	4'46	1'00	3'55	4'55	14'92	10'08	45'56	June.
Presidency	...	...	2'3	1'5	1'9	2'4	19'71	7'2	17'6	January.
...	...	...	'90	'04	1'10	'88	5'47	2'95	1'44	May
Presidency	...	...	2'63	'65	3'63	2'44	14'22	14'28	9'84	July
{ Lower	...	...	1'53	'57	1'96	1'46	10'19	4'24	11'97	July
{ Upper	...	...	1'06	'55	1'75	'99	5'88	3'20	16'11	July.
Merwara	...	...	'12	'37	...	...	'68	...	...	August.

L.—Small-pox mortality—1919.

Provinces, Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	North-West Frontier Province.	Central Provinces and Berar.	Madras Presidency.	Cong.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara.
<b>I.—Mortality by Provinces 1—</b>														
<b>A.—Deaths by months—</b>														
January ... ..	19	863	458	40	1,024	1,408	41	599	5,401	20	555	91	77	..
February ... ..	8	1,382	546	75	890	1,185	43	843	5,370	36	768	163	156	..
March ... ..	8	2,734	883	113	1,084	1,196	27	1,192	5,694	63	1,026	282	453	..
April ... ..	9	6,170	1,102	159	1,772	1,442	37	1,452	5,400	75	997	218	564	..
May ... ..	6	7,125	1,536	200	2,283	2,108	76	1,236	4,351	117	826	154	406	..
June ... ..	15	6,518	1,474	268	1,940	2,717	167	906	3,779	80	558	101	325	..
July ... ..	4	3,786	1,154	131	999	1,863	169	434	3,680	39	345	65	164	..
August ... ..	...	1,945	685	80	460	823	93	193	2,441	28	195	84	54	..
September ... ..	...	1,291	350	60	177	452	68	133	1,733	30	168	63	16	..
October ... ..	2	721	251	30	71	360	69	84	1,505	13	165	55	43	..
November ... ..	2	1,617	545	58	98	775	194	88	1,471	14	223	39	24	..
December ... ..	...	1,660	1,084	191	210	1,418	220	92	1,637	14	416	66	24	..
Total ... ..	73	27,616	16,175	1,432	10,993	15,365	1,204	7,342	41,732	529	6,232	1,411	2,506	..
<b>B.—Annual death ratios 1—</b>														
Ratio per 1,000 of population, 1919.	'18	'8	'2	'23	'23	'79	'59	'53	'10	'303	'32	'23	'67	..
Ratio per 1,000 of population, 1918.	'27	'2	'1	'40	'66	'16	'04	'16	'15	'27	'41	'12	'01	..
Difference ... ..	-'09	+6	+1	-'17	+17	+63	+55	+37	-5	+275	-'09	+11	+66	..
Mean ratio per 1,000 during 1914-1918.	'13	'3	'2	'54	'11	'12	'06	'12	'8	'92	'20	'08	'01	..
Difference ... ..	+05	+5	...	-'31	+12	+67	+33	+41	+2	+210	+12	+15	+65	..
<b>II.—District mortality excluding towns 1—</b>														
Number of districts affected.	...	26	21	8	28	28	5	20	24	5	25	15	12	...
Highest district ratio ...	Not available.	4'5	1'8	'67	'75	2'59	'68	1'75	2'1	5'90	'93	'49	1'27	...
Name of that district ...	Not available.	Dinajpur	Peri.	Goalpara.	Badaun.	Montgomery.	Peshawar.	Bilaspur.	Bellary.	Mercara Taluk.	West Khandesh.	Toungoo.	Mandalay	...
Lowest district ratio ...	Not available.	'1	'03	'02	'004	'02	'07	'001	'5	'69	'03	'02	'01	...
Name of that district ...	Not available.	Khulna	Darbhanga.	Newgong.	Khuri.	Muzaffer-garh.	Dera Ismail Khan.	Jubbulpore.	Cuddapah.	Yedanal-Kuad Taluk.	Ayderabad	Henzada.	Kyaukse.	Not available.
Number of districts without mortality.	...	...	...	...	...	...	...	2	...	...	1	3	...	...
District death rate per 1,000 of population.	...	'8	'2	'24	'16	'74	'45	'49	'10	3'15	'23	'09	'59	...
<b>III.—Town mortality 1—</b>														
Number of towns affected	...	62	43	7	81	128	11	76	107	2	65	27	18	...
Highest town ratio ...	...	7'9	7'3	1'52	6'00	8'58	7'51	5'45	9'4	1'12	8'25	5'38	19'48	...
Name of that town ...	...	Baranagar	Chalbasa.	Mangaldai	Rae Bareilly	Una.	Nowa-shahr (notified area.)	Mangrul Dasgir.	Rajahmundry.	Mercara.	Sholapur	Mowlam-yamggynn	Mying-yau.	...
Lowest town ratio ...	...	'03	'05	'06	'02	'05	'20	'03	'1	'81	'04	'04	'07	...
Name of that town ...	...	Behampore.	Hazari-bagh.	Dibrugarh	Muttra.	Karnal.	Lakki (notified area.)	Jubbulpore.	Tenkul	Virajpet.	Surat.	Tavey.	Pynmana	Not available.
Number of towns without mortality.	...	24	14	13	22	17	2	35	72	...	47	14	3	...
Town death rate per 1,000 of population.	...	1'4	'5	'06	1'24	1'33	1'92	'93	1'2	1'00	'78	1'16	3'68	...
<b>V.—Infantile mortality 1—</b>														
Children under one year	Not available.	939	766	190	3,134	3,848	362	1,990	12,311	2	1,414	84	320	Not available.
Children 1—10 years ...	Not available.	2,502	1,547	379	5,501	7,862	688	3,520	13,538	3	2,811	223	718	Not available.
Percentage of children in total small-pox mortality.	Not available.	9'30	22'73	49'43	28'55	70'21	81'23	75'05	61'94	'95	67'96	21'76	41'42	Not available.

\*Excluding Delhi and Ajmer-Merwara

M.—Fever mortality—1919.

Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	North-West Frontier Provinces.	Central Provinces and Berar.	Madras Presidency.	Coorg.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara.	Registration India.
by Provinces:—															
by months—															
July ...	794	160,519	123,208	12,268	323,988	40,038	6,188	38,608	44,526	225	35,693	13,015	6,495	1,212	809,987
August ...	542	113,141	78,433	10,197	163,084	27,524	4,282	22,020	29,206	173	23,670	7,024	3,487	1,032	484,874
September ...	672	112,427	71,214	9,705	110,895	25,142	3,165	21,618	27,529	249	22,592	6,165	2,801	984	416,221
October ...	857	99,281	65,652	10,077	101,556	22,965	2,826	19,991	23,241	324	20,840	5,656	3,218	879	218,993
November ...	1,163	81,167	59,271	11,035	105,656	25,498	2,749	22,517	28,333	395	20,670	4,641	2,614	849	267,558
December ...	1,247	69,224	60,560	14,036	104,454	30,428	2,838	22,527	32,859	663	17,158	5,030	2,272	720	264,816
January ...	529	73,376	67,736	15,599	82,921	23,919	4,239	19,186	48,190	578	19,406	7,006	2,716	458	359,899
February ...	464	72,180	85,046	16,923	82,882	20,950	3,219	22,585	30,281	503	22,485	6,792	3,179	827	382,487
March ...	879	86,683	88,755	14,212	93,989	30,837	2,784	30,327	30,801	327	19,928	5,682	3,084	1,056	408,824
April ...	1,183	86,245	82,250	13,957	119,623	39,441	3,421	30,193	20,588	325	21,246	4,921	3,059	1,009	427,771
May ...	1,218	115,931	89,892	12,976	148,089	39,741	4,030	26,139	32,199	302	21,769	5,223	3,406	1,168	502,688
June ...	954	138,683	95,339	13,270	132,524	28,331	4,249	24,111	41,776	276	26,192	5,898	4,690	910	554,793
Total ...	10,374	1,279,237	970,655	154,435	1,575,632	265,045	44,091	304,742	403,499	4,359	274,759	77,976	41,112	11,054	5,468,181
Annual death rates—															
per 1,000 of population, 1918.	25'38	27'1	28'1	25'52	32'66	18'58	21'60	21'90	10'1	24'86	14'03	12'28	11'22	22'05	22'93
per 1,000 of population, 1919.	69'95	39'0	49'0	26'25	68'72	66'56	65'74	82'41	22'4	14'82	65'35	20'67	17'02	95'34	40'69
Difference ...	-44'57	-2'9	-11'9	-1'73	-35'06	-47'98	-44'14	-60'51	-12'3	+10'04	-51'32	-7'89	-5'70	-73'29	-23'76
Ratio per 1,000 during 1918-1919.	27'93	27'3	24'4	17'39	31'99	29'00	20'28	30'19	10'5	22'31	23'78	10'59	10'07	46'43	21'36
Difference ...	-2'55	+3'8	+3'7	+8'63	+1'07	-10'12	-8'68	-8'29	-1'4	+2'55	-9'75	+2'28	+1'25	-24'38	-1'43
Net mortality excluding towns:—															
Number of districts affected	Not available.	26	21	8	48	26	5	22	24	5	26	18	12	Not available.	243
Net district ratio ...	Not available.	51'8	63'1	35'68	48'17	25'95	24'39	35'55	26'3	24'32	26'27	24'42	18'91	Not available.	63'1
of that district ...	Not available.	Birbhum.	Argul.	Goalpara.	Sitapur	Gurgaon.	Peshawar.	Dameh.	Ganjam.	Padisa I Kaud Taluk.	Thana.	Tavoy.	Mandalay.	Not available.	Angul.
Net district ratio ...	Not available.	14'7	27'5	18'70	22'44	14'28	19'14	7'25	3'2	21'97	5'47	5'55	7'55	Not available.	3'8
of that district ...	Not available.	Howrah.	Saran.	Lakhimpur.	Dehradun.	Simla.	Bannu.	Buldana.	Anantapur.	Kiggalaad Taluk.	Belgaum.	Maubin.	Skwaling.	Not available.	Anantapur.
Number of districts without mortality.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Net death rate per 1,000 of population.	...	28'2	28'5	25'85	24'56	19'22	22'06	22'76	10'6	25'82	14'82	12'19	11'66	...	...
Town mortality:—															
Number of towns affected	...	116	57	20	93	145	13	111	268	2	112	41	21	...	999
Net town ratio ...	...	35'8	39'3	28'26	64'90	37'47	32'78	59'45	34'8	9'09	31'00	22'28	20'61	...	64'90
of that town ...	...	Khairpal.	Colgong.	Nazira.	Utrindaban.	Chehar-kona Mandi.	Nowshera Kalam (notified area.)	Bhatapara.	Russellkonda.	Mercara.	Garhi Yasin.	Tavoy.	Myituge	...	Brindaban.
Net town ratio ...	...	4'3	2'6	1'57	7'74	4'62	9'04	1'79	1'1	8'89	2'45	2'03	3'29	...	1'1
of that town ...	...	Jhalasahi.	Dhansbad.	Dibrugarh	Gangoh.	Bademali	Bannu.	Talgaoon.	Goety.	Virajpet.	Islampur.	Danubher	Shwebo.	...	Goety.
Number of towns without mortality.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Net death rate per 1,000 of population.	...	11'3	17'2	8'83	20'31	15'50	17'16	1'2'40	6'7	9'02	9'91	10'04	7'67	...	12'19*

\*Excluding Delhi and Ajmer-Merwara.

## N.—Dysentery and Diarrhœa mortality—1919.

Provinces, Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	North-West Frontier Province.	Central Provinces and Bihar.	Madras Presidency.	Coorg.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara.
<b>I.—Mortality by Provinces :—</b>														
<b>A.—Deaths by months—</b>														
January ... ..	19	2,518	3,029	1,930	918	492	11	2,697	8,405	6	2,430	621	176	17
February ... ..	18	2,241	2,525	919	610	335	45	2,115	5,809	7	1,997	593	135	14
March ... ..	22	2,444	3,280	1,233	748	418	10	2,184	4,821	4	1,951	580	151	25
April ... ..	45	2,549	2,991	1,697	1,230	555	24	2,522	4,257	25	2,039	690	182	60
May ... ..	45	2,265	2,891	1,635	1,428	847	25	2,163	5,394	19	2,518	1,084	205	71
June ... ..	23	2,057	3,400	2,620	1,351	707	23	2,617	6,421	59	2,171	1,316	292	34
July ... ..	15	2,122	4,529	2,081	1,201	543	65	4,418	7,958	29	5,019	1,927	428	21
August ... ..	40	2,157	5,716	2,061	1,933	748	28	6,021	7,685	23	6,417	1,747	417	53
September ... ..	100	2,122	3,602	1,791	1,831	1,212	22	6,775	5,774	33	4,438	1,264	355	64
October ... ..	59	2,138	3,657	2,014	1,481	1,043	40	4,562	5,954	30	3,491	794	273	23
November ... ..	42	2,478	3,427	1,951	1,317	917	19	3,148	5,380	21	2,388	625	193	41
December ... ..	49	3,271	4,025	1,533	1,152	812	21	2,590	7,103	25	2,283	561	200	23
Total ... ..	492	28,874	45,992	20,277	15,231	8,609	347	44,612	74,074	272	38,317	11,794	3,057	415
<b>B.—Annual death ratios—</b>														
Ratio per 1,000 of population, 1919.	1'18	'6	1'3	3'35	'83	'45	'27	3'21	1'9	1'55	1'96	1'93	'82	'93
Ratio per 1,000 of population, 1918.	'95	'6	1'0	2'07	'45	'54	'14	3'02	2'0	'45	1'64	1'38	'75	1'13
Difference ... ..	+23	...	+3	+128	—12	—09	+13	+19	—1	+110	+32	+55	+07	—20
Mean ratio per 1,000 during 1914-1918.	'89	'6	'9	2'31	'42	'70	'21	3'05	1'7	'59	1'81	1'44	'66	1'41
Difference ... ..	+29	...	+4	+104	—09	—25	—04	+16	+2	+06	+15	+79	+16	—48
<b>II.—District mortality excluding towns :—</b>														
Number of districts affected.	Not available.	25	21	8	48	28	5	22	24	5	25	18	22	Not available.
Highest district ratio ...	Not available.	4'5	10'8	7'97	3'66	2'06	'63	9'29	5'7	1'05	3'59	2'71	1'18	Not available.
Name of that district ...	Not available.	Howrah.	Puri.	Lakhimpur.	Garhwal.	Simla.	Dera Ismail Khan.	Akola.	Nilgiris.	Nanjara-jaina Taluk.	Poona.	Akyab.	Sagaing.	Not available.
Lowest district ratio ...	Not available.	'01	'01	'78	'01	'03	'01	'57	'4	'30	'05	'44	'14	Not available.
Name of that district ...	Not available.	Malda.	Purnea.	Goalpara.	Pilibhit	Muzaffargarh.	Kohat.	Balaghat.	Nellore.	Kiggat-nad Taluk.	Upper Sind Frontier.	Toungoo.	Maadaya.	Not available.
Number of districts without mortality.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
District death rate per 1,000 of population.	...	'5	1'2	3'22	'13	'33	'10	2'15	1'6	'89	1'77	1'61	'60	...
<b>III.—Town mortality :—</b>														
Number of towns affected	Not available.	112	52	19	87	128	12	109	241	2	106	41	21	Not available.
Highest town ratio ...	Not available.	11'9	20'6	8'23	7'87	7'91	2'35	14'17	21'4	21'01	6'90	8'82	29'96	Not available.
Name of that town ...	Not available.	Baranagar.	Puri.	Syhet.	Rath.	Palwal.	Kolachi.	Balgaon.	Madras.	Vizajpet.	Pandkarpur.	Zigon.	Neiktila.	Not available.
Lowest town ratio ...	Not available.	'2	'1	'42	'02	'16	'06	'18	'1	7'50	'14	'10	'19	Not available.
Name of that town ...	Not available.	Chakdab.	Katihar.	Maulvi Masar.	Lakhimpur.	Nankana Sahib.	Kohat.	Badnera.	Tenkad.	Mercara.	Godhra.	Thonaz.	Shwebo.	Not available.
Number of towns without mortality.	...	4	5	1	6	17	1	2	25	...	6	...	...	...
Town death rate per 1,000 of population.	...	2'7	2'7	4'79	3'09	1'65	'83	3'70	3'7	12'52	2'93	4'68	3'19	...

\* Excluding Delhi and Ajmer-Merwara.

O.—Plague mortality—1919.

Province or State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.		
													1919.	1918.	
<b>UTTER PRADESH PROVINCES.</b>															
... ..		1												1	185
... ..	15	52	119	127	85	13	9					4	421	289	
... ..	1,357	3,664	6,797	2,075	379	127	33	51	79	73	103	872	16,501	53,512	
... ..														2	
... ..	1,079	3,322	6,292	3,096	848	80	13	74	64	48	279	1,075	17,240	174,805	
... ..	130	444	1,899	3,822	3,420	715	58	14	68	100	172	118	11,068	95,615	
... ..					1					1				3	
... ..	165	605	684	397	63		84	216	801	961	2,113	3,000	9,219	11,093	
... ..	1,367	947	379	68	30	76	219	325	456	401	459	920	5,658	12,859	
... ..															
... ..	801	593	745	642	491	194	307	709	1,188	1,357	1,265	1,234	9,626	79,178	
... ..	351	337	331	236	184	147	357	178	129	48	35	144	2,478	5,185	
... ..	446	535	472	68	14	2	8	11	16	42	88	197	1,919	3,655	
... ..		6	25	16										47	
TOTAL	{ 1919 ...	5,710	16,596	17,744	12,277	5,524	1,354	1,688	1,690	2,812	3,131	4,602	7,754	74,284	...
	{ 1918 ...	92,822	97,185	105,990	77,006	34,628	5,530	4,523	4,455	5,959	5,328	2,719	3,589	...	440,752
<b>INDIAN STATES, ETC.</b>															
... ..															
... ..															
... ..															
... ..		13	30	8		25							10	26	
... ..	50	95	419	51	203	119	69	13					77	1,504	
... ..													4	4*	
... ..														1	
... ..	22	30	32	13	43	1								141	
... ..	53	135	241	147	13			6	23	100	58	242	1,068	10,509	
... ..															
... ..	1	9	49	30	10	6	3		2				4	114	
... ..	151	257	147	183	222	88	109	399	511	433	258	247	3,075	24,462	
... ..	17	15	10	5	2		5	10	12	17	23	27	153	176	
... ..	870	1,330	602	83	13		118	965	1,683	2,205	2,216	1,921	12,096	15,120	
... ..	801	597	340	79	40	96	209	572	717	627	424	459	4,871	6,323	
... ..	141	120	102	69	71	74	86	89	68	83	83	89	1,085	1,264	
... ..							14	7						21	
TOTAL	{ 1919 ...	2,106	2,530	1,681	1,126	627	429	793	2,021	2,016	2,465	2,186	3,086	24,298	...
	{ 1918 ...	39,896	43,754	46,725	25,366	11,709	2,617	1,556	2,439	4,088	4,376	1,798	1,451	...	180,525
TOTAL	{ 1919 ...	7,816	12,126	19,727	13,412	6,151	1,783	1,791	2,721	5,228	6,596	7,790	10,840	98,582	...
	{ 1918 ...	122,718	141,630	146,774	102,572	46,337	8,147	6,089	6,894	10,046	10,304	4,517	5,040	...	621,277
... ..		1	20	82	118	80	13	9					2	324	
... ..		4	11	112	255	216	41	19	19	9	6	3	2	697	
... ..		8	5	1										14	

\* Jammu Province only.

## P.—Mortality from Respiratory Diseases—1919.

Provinces, Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	North-West Frontier Province.	Central Provinces and Berar.	Madras Presidency.	Coorg.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara.
<b>I.—Mortality by Provinces:—</b>														
<b>A.—Deaths by months—</b>														
January ... ..	497	3,077	1,030	14,858	2,215	3,603	112	3,806	4,851	3	10,035	692	340	3
February ... ..	397	2,434	819	6,175	3,107	3,047	109	3,190	3,637	1	8,394	552	283	1
March ... ..	312	2,213	835	6,056	1,000	2,895	95	3,407	3,684	...	8,398	571	313	1
April ... ..	358	1,855	655	4,449	1,768	2,588	79	2,045	3,342	5	8,159	570	184	1
May ... ..	295	1,891	631	2,855	1,792	3,375	73	3,080	3,606	3	8,413	539	215	1
June ... ..	308	1,115	699	1,708	1,328	3,456	91	2,817	3,228	5	6,392	745	216	1
July ... ..	225	1,516	783	2,597	1,371	2,258	124	2,769	4,205	3	7,736	705	295	1
August ... ..	257	1,339	767	2,861	1,045	2,354	82	3,063	4,260	7	8,594	698	318	1
September ... ..	413	1,181	823	1,883	2,160	2,897	73	3,262	3,976	1	7,571	576	295	1
October ... ..	468	1,634	692	1,930	2,377	3,363	103	4,018	4,175	1	8,033	624	301	1
November ... ..	508	2,175	723	1,678	2,690	3,787	88	3,365	4,408	3	7,537	709	175	1
December ... ..	574	2,287	926	1,249	2,715	4,340	196	4,197	4,912	12	9,191	661	342	3
Total ... ..	4,753	22,117	9,426	48,312	25,768	37,313	1,235	41,630	48,064	44	91,633	7,633	3,501	23
<b>B.—Annual death rates:—</b>														
Ratio per 1,000 of population, 1919.	11'41	'5	'2	7'98	'55	1'96	'80	2'99	1'2	'25	3'04	1'25	'94	'91
Ratio per 1,000 of population, 1918.	17'51	'5	'2	8'06	'68	2'73	'87	4'33	1'6	'17	6'11	1'47	1'31	1'24
Difference ... ..	-6'10	...	...	-.08	-.13	-.77	-.07	-1'34	-.4	+0'8	-3'07	-.22	-.37	-.33
Mean ratio per 1,000 during 1914-18.	11'86	'3	'2	2'24	'57	2'00	'82	1'55	1'2	'23	4'18	1'02	'89	1'04
Difference ... ..	-4'45	+2	...	+5'74	-.02	-.04	-.02	+1'44	...	+0'02	-1'16	+0'23	+0'05	-.04
<b>II.—District mortality excluding towns:—</b>														
Number of districts affected.	26	21	8	48	28	5	22	24	1	25	18	12	...	...
Highest district ratio ...	1'0	3'2	15'40	9'69	6'40	'44	11'38	3'5	'21	10'05	1'18	'05	...	...
Name of that district ...	Not available.	Howrah.	Parl.	Lakhimpur.	Hamirpur	Gurdaspur.	Dera Ismail Khan.	Jubbulpore.	Nilgiris.	Yednal Kund Taluk.	Surat.	Pyawon.	Shwebo.	Not available.
Lowest district ratio ...	...	'003	'001	'23	'01	'14	'05	'25	'3	...	'14	'01	'01	...
Name of that district ...	Not available.	Noakhali.	Champaran.	Kamrup.	Mutra.	Montgomery.	Peshawar.	Souli.	Ganjam.	...	Upper Sind Frontier.	Toungoo.	Kyaukse.	Not available.
Number of districts without mortality.	...	...	...	...	...	...	...	...	...	4	...	...	...	...
District death rate per 1,000 of population.	'1	'2	7'98	'23	1'62	'22	2'78	1'0	'02	3'29	'47	'33	...	...
<b>III.—Town mortality:—</b>														
Number of towns affected	112	51	16	87	145	12	109	207	2	108	39	22	...	...
Highest town ratio ...	11'5	4'3	25'05	18'95	13'04	6'09	13'83	10'2	5'10	22'18	11'73	12'23	...	...
Name of that town ...	Not available.	Manikthal.	Sambalpur.	Dhubri.	Rath.	Amritsar.	Peshawar.	Jubbulpore.	Madras.	Mercara.	Deolali Cantonment.	Faungde.	Shwebo.	...
Lowest town ratio ...	...	'1	'03	1'31	'09	'13	1'37	'37	'1	2'16	'15	'28	'28	...
Name of that town ...	Not available.	Murehida-bad.	Bettiah.	Karimganj.	Shikha-bad.	Pakpattan.	Nowshera Kaira. (Notified area.)	Mohpa.	Hobbili.	Virajpet.	Garhi Yasin.	Minhla.	Meiktila.	Not available.
Number of towns without mortality.	4	6	4	6	...	1	2	62	...	4	2	1	...	...
Town death rate per 1,000 of population.	5'8	'8	7'91	5'08	5'31	4'35	5'07	2'5	4'01	14'02	6'45	7'33	...	...

\*Excluding Delhi and Ajmer-Merwara.

A.—Administrations.	Years.	Average Strength	Constantly Sick.	Cholera.		Small-pox.		Malaria.		Tubercle of the lungs.		Pneumonia.		Respiratory Diseases.		Dysentery.		Diarrhoea.		Anæmia and Debility.		All causes.		
				A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
Burma	1909-1918	16,088	16	7	56	30	04	28	94	94	459	144	172	60	196	75	16	39	75	16	39	102	3100	1773
	1918	14,008	23	5	14	36	179	36	179	536	536	647	178	71	178	38	36	31	38	36	31	556	2850	2850
Assam	1909-1918	1,805	43	12	55	16	07	38	67	67	327	371	327	127	156	125	81	120	125	81	120	1,014	3169	
	1918	2,269	55	4	145	20	49	97	48	88	400	113	89	144	66	145	44	44	145	44	44	...	1,033	2163
Bengal	1909-1918	12,815	50	19	38	20	87	157	109	109	355	258	426	89	178	117	81	178	117	81	178	1,094	2135	
	1918	15,511	61	17	64	35	57	116	111	111	370	309	477	50	168	140	71	152	140	71	152	1,487	2166	
Bihar and Orissa	1909-1918	14,611	59	31	123	40	71	110	81	81	226	198	532	62	178	160	82	89	160	82	89	1,428	52293	
	1918	8,770	80	25	109	20	82	122	174	174	484	268	330	96	134	102	112	208	102	112	208	886	2967	
United Provinces of Agra and Oudh	1909-1918	24,822	23	6	30	10	14	77	71	71	932	126	271	75	294	178	90	72	178	90	72	465	1788	
	1918	25,982	26	23	58	80	147	139	74	74	227	148	411	133	399	192	162	66	192	162	66	514	2467	
Punjab	1909-1918	12,618	25	1	66	17	01	36	166	166	573	253	492	101	381	401	228	250	401	228	250	751	2788	
	1918	13,172	22	5	14	30	14	147	76	76	411	302	482	135	375	507	170	314	507	170	314	1,201	6059	
North-West Frontier Province	1909-1918	2,195	23	0	05	0	05	82	53	53	164	597	116	617	224	105	90	90	224	105	90	878	2938	
	1918	2,453	21	...	...	...	...	...	68	68	127	148	338	127	262	194	...	143	194	...	143	1,644	5503	
Central Provinces	1909-1918	3,789	16	2	63	78	03	55	70	70	306	68	101	153	501	251	491	251	491	251	491	434	2391	
	1918	4,212	22	5	...	...	...	...	43	43	142	90	190	170	256	204	170	38	204	170	38	217	4811	
Bombay	1909-1918	9,371	24	7	28	10	08	88	44	44	163	143	345	95	375	375	131	375	375	131	375	5981	2095	
	1918	10,006	31	...	...	...	...	...	76	76	297	275	710	107	785	600	124	785	600	124	785	1,040	3934	
Madras	1909-1918	9,865	18	25	68	5	04	58	84	84	205	49	124	47	379	87	16	379	87	16	379	3715	1550	
	1918	10,138	20	6	30	27	35	52	117	117	513	52	183	40	468	57	20	468	57	20	468	4552	2584	
India†	1909-1918	102,348	28	8	40	18	18	108	95	95	312	118	290	84	607	415	78	607	415	78	607	6141	2125	
	1918	107,359	32	7	37	15	18	108	95	95	373	160	360	113	720	547	300	720	547	300	720	5598	2745	
Andamans	1909-1918	12,278	65	...	...	...	...	...	67	67	477	606	175	608	874	396	72	874	396	72	874	1,666	3523	
	1918	12,856	60	...	...	...	...	...	71	71	439	626	219	626	999	486	138	999	486	138	999	1,695	3776	
India‡	1909-1918	120,215	41	58	133	110	110	142	92	92	324	135	386	191	778	541	129	778	541	129	778	1,035	4301	
	1918	127,808	35	22	110	12	16	142	92	92	324	135	386	106	478	541	129	478	541	129	478	1,035	4301	

§ Excluding Subsidiary jails.  
 † The decennial ratios are worked on the total strength of the ten year period.  
 ‡ Including Delhi, Sibi, Quetta, Ajmer, Secunderabad, Maraca and excluding Andamans.

RATIO PER MILLE OF STRENGTH.\*

A.—ADMISSIONS } FROM  
D.—DEATHS }

B.—Group.	Years.	Average strength.	Constantly Sick.	Influenza.		Cholera.		Small-pox.		Enteric Fever.		Malaria.		Pyrexia of uncertain origin.		Pneumonia.		Dysentery.		Diarrhoea.		All causes.	
				A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
Group I.—Burma Coast and Bay Islands.	1909-1918	11,048	17	20.4	.07	3	.19	2	.05	2.1	.37	32.5	.18	31.4	.03	37	1.14	20.6	1.01	17.3	.12	318.8	17.9
	1919	9,115	21	27.0	.88	5	.22	4	.22	2.2	.11	25.0	.11	16.0	...	1.6	4.04	18.5	1.64	3.0	.22	471.8	21.7
" II.—Burma Inland	1909-1918	8,531	17	30.6	.70	2.5	1.41	2	.12	1.2	1.2	30.9	.23	19.5	.12	4.6	1.90	25.4	3.16	5.6	.12	306.5	22.62
	1919	4,697	15	39.6	.04	1.7	1.39	2	.04	1.5	.32	26.4	.80	16.4	...	5.3	2.69	17.3	1.31	6.0	.28	295.8	17.40
" III.—Assam	1909-1918	4,410	28	30.3	.44	...	7.27	2.5	1.14	1.6	.68	25.0	.45	28.0	...	1.7	2.73	17.5	1.33	3.9	.66	421.2	30.29
	1919	4,499	26	9.8	...	...	7.27	2.5	1.14	1.6	.68	25.0	.45	28.0	...	1.7	2.73	17.5	1.33	3.9	.66	421.2	30.29
" IV.—Bengal and Orissa	1909-1918	1,712	43	52.0	.93	1.3	.58	3	...	1.1	.29	15.0	.28	95.2	.47	1.3	1.74	16.5	8.00	13.7	.93	992.3	31.13
	1919	2,112	54	37.6	.760	5	.42	5	...	1.9	.47	50.6	.51	123.7	...	8.7	...	61.0	...	14.6	.47	1,163.4	21.01
" V.—Gangetic Plain and Chhota Nagpur.	1909-1918	1,965	49	156.7	3.27	1.5	1.53	5	.05	1.0	.57	102.8	.45	4.8	.06	1.5	2.52	17.2	5.35	11.0	.51	1,031.6	23.92
	1919	1,675	49	24.4	.27	1.4	1.8	5	.05	1.0	.57	102.8	.45	4.8	.06	1.5	2.52	17.2	5.35	11.0	.51	1,031.6	23.92
" VI.—Upper Sub-Himalaya	1909-1918	15,797	58	143.7	5.00	3.5	1.52	1.0	.32	9	.19	392.0	1.20	1.9	...	12.3	2.15	181.9	6.65	159.2	1.20	1,414.2	26.33
	1919	22,140	28	30.2	2.10	1.0	.33	4	.02	9	.21	121.1	1.92	8.8	...	9.2	...	59.7	3.66	41.8	1.02	569.2	20.78
" VII.—North-West Frontier, Ladak valley and North-Western Rajputana.	1909-1918	10,586	46	318.0	18.08	2.1	1.17	1.8	.15	4	.07	184.4	1.09	7.0	.11	11.8	3.90	81.7	6.90	52.2	1.74	742.6	31.23
	1919	27,409	25	79.1	5.00	2.7	1.17	1.8	.15	4	.07	184.4	1.09	7.0	.11	11.8	3.90	81.7	6.90	52.2	1.74	742.6	31.23
" VIII.—South Western Rajputana, Central India and Gujarat.	1909-1918	14,991	30	31.1	3.56	4	.20	1.4	.03	2	.14	119.2	.57	9	.03	22.2	4.72	18.5	1.85	30.3	1.17	678.1	22.67
	1919	16,112	29	4.7	4.3	2	.06	9	...	1	.06	256.6	1.30	38.5	...	19	17.3	24.5	1.12	35.7	1.86	825.9	17.44
" IX.—Deccan	1909-1918	10,166	31	34.4	3.96	6	.03	5	.05	9	.23	231.6	1.30	38.5	...	19	17.3	24.5	1.12	35.7	1.86	825.9	17.44
	1919	11,471	39	19.0	2.70	3	.17	1.5	.09	1.0	.17	363.1	1.39	14.8	...	9	32.3	20.8	1.74	42.2	1.39	921.3	20.11
" X.—Western Coast	1909-1918	4,608	16	19.4	24.00	...	.19	1.5	...	8	.19	70.9	2.12	2	...	13.5	3.47	33.5	2.70	9.1	.96	279.0	19.86
	1919	5,187	12	47.6	3.99	6	.25	3	.01	5	.15	66.4	4.6	18.1	...	13.5	3.47	33.5	2.70	9.1	.96	279.0	19.86
" XI.—Southern India	1909-1918	2,094	22	47.6	3.99	6	.25	3	.01	5	.15	66.4	4.6	18.1	...	13.5	3.47	33.5	2.70	9.1	.96	279.0	19.86
	1919	10,176	25	21.9	.79	2.1	1.28	1.0	...	1	...	134.8	.79	13.2	...	14.6	3.34	70.5	1.57	56.3	1.67	685.7	19.85
" XII.—Hills	1909-1918	1,006	30	11.6	.73	2	.09	8	.14	2.5	.16	7.3	.82	8.7	...	7.3	2.39	50.5	1.82	31.3	1.64	435.4	20.32
	1919	1,162	24	82.6	6.02	...	...	1.7	.86	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Andamans	1909-1918	115,499	31	69.3	3.85	2.4	1.21	1.3	.18	6	.14	197.8	1.06	15.5	...	13.6	3.60	72.2	4.20	54.7	1.28	781.5	26.97
	1919	12,309	70	18.6	6.09	...	...	1.1	...	1.1	.57	1,204.7	4.87	2.0	...	12.5	6.26	130.6	9.99	48.6	1.38	1,810.5	45.82
India	1909-1918	114,525	32	28.0	1.86	2	.36	4	.03	1.0	.23	216.0	1.92	15.6	...	13.4	3.24	63.5	3.23	41.3	.78	716.1	21.25
	1919	127,808	35	61.4	4.07	2.2	1.10	1.2	.16	7	.18	294.7	1.42	14.2	...	13.5	3.86	77.8	4.76	54.1	1.29	880.6	28.79

Causes of admission.	Years.*	Months												Total.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
...	1915	...	2	7	1	3	...	5	12	8	2	5	1	45
	1916	...	...	5	4	1	4	50	9	3	...	2	...	78
	1917	4	...	1	3	4	2	28	4	...	44	11	...	101
	1918	1	1	9	11	35	2	23	4	...	...	2	12	101
	1919	...	4	13	31	21	28	91	47	32	7	3	2	279
Total	1915-1919	5	7	25	30	65	35	197	75	43	53	23	15	603
...	1915	5	4	9	18	10	12	20	9	9	...	8	6	117
	1916	4	8	9	18	20	12	20	20	10	14	7	7	159
	1917	9	4	5	9	9	4	8	10	2	8	9	4	81
	1918	5	11	6	10	8	15	11	8	7	6	5	3	95
	1919	1	4	2	12	14	7	6	2	10	5	2	...	65
Total	1915-1919	24	31	31	67	61	50	75	49	38	40	31	20	517
...	1915	893	677	850	572	1,083	941	1,203	1,506	1,604	1,357	1,851	1,527	14,651
	1916	890	869	576	942	1,063	965	1,263	1,750	2,471	3,068	2,006	1,305	17,518
	1917	916	854	1,104	1,133	1,163	1,196	1,262	1,645	2,052	2,433	2,821	2,054	20,231
	1918	1,381	1,090	1,271	1,307	1,435	1,219	1,737	1,935	2,194	1,773	1,650	1,266	18,378
	1919	1,070	904	1,140	1,227	1,309	1,515	1,695	1,817	3,232	3,781	3,203	1,836	22,849
Total	1915-1919	5,140	4,350	5,244	5,701	6,143	5,825	7,160	8,654	12,151	13,612	11,531	8,008	93,527
uncertain origin	1915	80	71	84	119	149	123	222	212	162	173	172	158	1,705
	1916	113	246	187	188	226	188	240	281	249	191	197	136	2,442
	1917	109	67	83	98	174	233	184	152	162	180	112	117	1,532
	1918	126	89	79	105	176	201	254	242	96	166	121	60	1,728
	1919	72	115	145	126	106	280	224	264	142	106	63	61	1,794
Total	1915-1919	500	588	588	636	691	707	1,124	1,151	811	755	665	522	9,269
...	1915	451	315	400	436	473	519	719	939	642	611	666	603	6,804
	1916	435	352	505	450	402	542	940	953	676	614	559	433	6,034
	1917	281	349	412	381	326	403	610	669	547	571	605	605	5,840
	1918	597	442	657	679	579	561	691	673	713	780	734	692	7,728
	1919	526	531	605	696	620	648	1,038	947	718	706	716	583	8,324
Total	1915-1919	2,280	1,989	2,582	2,642	2,490	2,703	3,098	4,181	3,256	3,182	3,180	2,997	35,640
...	1915	227	313	247	466	379	410	467	590	456	368	383	353	4,519
	1916	279	93	458	376	345	397	714	640	432	354	379	350	5,023
	1917	268	270	302	383	393	400	534	467	521	428	407	341	4,804
	1918	355	384	646	599	534	480	539	419	463	463	430	328	5,660
	1919	364	336	501	554	583	540	839	715	603	516	477	350	6,318
Total	1915-1919	1,433	1,405	2,144	2,318	2,254	2,227	3,093	2,741	2,455	2,150	2,076	1,728	20,224

\*Excluding Andamans.

Year,	INFLUENZA.		CHOLERA.		SMALL-POX.		ENTERIC FEVER.		MALARIA.		PYREXIA OF UNCERTAIN ORIGIN.		TUBERCLE OF THE LUNGS.		PNEUMONIA.							
	ACTUALS.		ACTUALS.		ACTUALS.		ACTUALS.		ACTUALS.		ACTUALS.		ACTUALS.		ACTUALS.							
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.						
1910	104	42	27	3	5	3	5	8	88	13,477	90	66	4	93	53	324	37	341	1,677	216	191	75
1911	97	19	43	3	4	3	3	21	86	11,050	95	1,040	5	111	6	353	137	308	958	520	208	27
1912	114	159	71	12	8	11	9	11	81	9,743	48	1,735	4	186	4	891	295	743	1,735	159	159	73
1913	98	34	45	2	5	3	3	17	103	10,477	52	3,315	9	247	9	888	374	869	1,735	174	180	150
1914	191	69	58	2	4	4	4	80	111	11,650	75	1,001	6	186	6	1,021	357	1,105	1,001	250	145	145
1915	519	46	35	3	3	3	3	19	117	14,551	89	1,795	8	162	8	945	338	1,433	1,433	341	308	308
1916	191	18	35	2	3	3	3	37	81	17,548	94	3,442	3	214	3	1,031	384	1,367	1,367	307	111	111
1917	241	101	32	3	3	3	3	35	81	26,313	96	1,533	4	146	4	1,142	386	1,388	1,388	343	336	336
1918	38,911	1,023	59	5	5	5	28	95	38	18,278	94	1,735	7	161	6	1,235	400	1,815	1,815	559	169	169
1919	8,008	445	155	21	13	13	16	65	16	22,849	122	1,794	8	155	7	1,093	360	1,072	1,072	416	136	136

Average annual strength:—

Year,	RESPIRATORY DISEASES.		DYSENTERY.		DIARRHOEA.		ANEMIA AND DEBILITY.	
	ACTUALS.		ACTUALS.		ACTUALS.		ACTUALS.	
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.
1910	2,624	68	339	377	3,616	78	1,075	51
1911	2,747	74	350	350	3,737	76	1,049	53
1912	2,221	73	207	354	3,814	63	982	47
1913	2,378	66	269	356	3,674	79	1,066	55
1914	2,624	85	268	601	3,812	60	1,205	56
1915	3,150	91	301	613	4,519	83	1,566	51
1916	3,481	90	348	608	5,033	83	1,607	59
1917	2,435	84	238	555	4,804	64	1,225	53
1918	3,516	121	268	270	5,666	97	1,850	55
1919	6,820	188	445	508	6,288	146	2,222	61

Years.

Statistics of convicts only. Admission rates, death rates.	1915.			1916.			1917.			1918.			1919.		
	Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.	
		Ad.	D.		Ad.	D.		Ad.	D.		Ad.	D.		Ad.	D.
Central ...	11,097	313.7	19.92	11,403	330.9	19.64	10,236	250.3	23.53	8,450	601.2	23.32	8,035	328.1	33.11
	District ...	5,153	312.1	19.02	5,350	209.7	13.44	5,207	130.7	19.25	4,572	405.1	19.03	4,318	354.1	18.53
Central ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	District ...	1,917	281.9	21.30	1,952	935.4	19.68	1,909	817.4	13.10	2,130	1,194.0	21.97	2,069	1,004.3	23.20
Central ...	6,419	1,185.2	17.60	6,592	1,059.0	21.51	6,672	1,023.5	14.69	6,595	1,253.7	16.32	6,112	1,189.8	17.83
	District ...	5,845	1,350.0	25.83	6,327	1,255.5	25.34	6,946	1,354.0	18.57	7,141	1,564.5	25.93	7,131	1,672.1	28.39
Central ...	2,958	643.0	22.99	3,024	951.7	30.71	3,403	970.6	37.03	3,982	1,877.1	61.17	3,954	1,333.8	43.25
	District ...	3,716	820.1	29.87	3,620	827.3	31.50	3,458	857.0	24.41	3,595	1,238.7	39.82	4,024	1,191.4	59.23
Central ...	10,835	467.2	15.43	10,978	430.3	16.12	9,851	300.1	14.01	11,012	637.1	33.41	12,711	512.0	28.09
	District ...	13,455	405.6	13.23	13,098	870.1	11.32	11,772	261.5	10.60	11,236	661.6	40.75	13,793	519.0	27.33
Central ...	7,901	1,047.3	29.01	7,545	1,163.6	31.45	6,310	1,501.1	27.58	6,783	1,693.7	41.31	7,334	1,301.5	22.59
	District ...	6,995	512.5	23.59	7,111	472.7	32.06	6,569	645.4	28.47	5,520	571.6	61.20	5,092	757.9	24.60
Central ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	District ...	1,084	75.0	10.63	2,391	1,049.4	62.74	2,451	1,141.6	28.15	1,081	1,118.1	52.53	1,873	651.4	20.19
Central ...	2,595	277.5	20.81	2,714	417.8	24.32	2,173	289.5	19.01	2,192	711.9	41.33	2,754	293.4	13.80
	District ...	1,079	430.3	15.76	1,000	451.0	23.00	887	345.0	22.55	161	817.8	70.39	1,157	490.9	32.84
Central ...	3,091	601.9	14.03	4,203	648.1	14.38	3,939	981.8	18.19	4,156	1,233.3	41.30	4,541	1,035.0	18.94
	District ...	5,838	680.5	13.43	6,200	471.6	10.97	5,413	403.1	10.84	5,501	927.0	21.50	7,001	825.2	27.56
Central ...	7,810	231.5	11.53	8,175	254.9	12.58	7,026	291.7	16.13	8,236	431.8	18.32	9,230	581.4	41.51
	District ...	1,853	183.4	10.19	1,287	422.4	10.07	1,552	621.1	12.69	1,653	722.3	16.04	2,160	753.6	31.02
Central ...	53,416	281.2	18.72	54,530	608.5	19.77	50,890	644.4	20.14	51,715	551.6	34.83	54,710	770.1	28.82
	District ...	47,897	604.6	15.02	50,977	528.3	20.59	45,214	649.6	17.58	44,772	979.7	47.53	49,181	832.5	26.82

F.—Statistics of convicts only.  
Arranged according to duration of confinement.

	Not exceeding six months.	Above six months and not exceeding one year.	Above one year and not exceeding two years.	Above two years and not exceeding three years.	Above three years and not exceeding seven years.	Above seven years.	Total.
District Jails ...	Strength ...	25,252	10,770	6,528	3,188	1,995	48
	Deaths ...	515	210	104	33	26	892
	Ratio per 1,000 of strength ...	20.39	19.32	15.93	10.35	13.03	8.73
Central Jails ...	Strength ...	17,200	10,201	9,024	6,737	7,374	3,026
	Deaths ...	293	153	187	126	192	44
	Ratio per 1,000 of strength ...	17.03	15.49	20.72	18.70	25.64	15.54
District Jails ...	Strength ...	25,773	11,374	6,933	3,336	2,283	735
	Deaths ...	535	245	134	51	59	13
	Ratio per 1,000 of strength ...	20.76	21.54	19.33	15.29	25.41	17.59
Central Jails ...	Strength ...	17,441	10,702	9,260	6,814	7,199	3,246
	Deaths ...	291	182	246	116	169	53
	Ratio per 1,000 of strength ...	16.68	17.01	26.57	17.02	23.48	16.33
District Jails ...	Strength ...	21,800	10,577	6,583	3,268	3,181	675
	Deaths ...	398	163	129	44	55	6
	Ratio per 1,000 of strength ...	18.26	15.41	19.60	13.66	17.29	8.89
Central Jails ...	Strength ...	15,425	9,972	9,197	6,548	5,671	3,208
	Deaths ...	264	179	222	154	162	44
	Ratio per 1,000 of strength ...	17.04	17.95	24.14	23.52	28.57	13.72
District Jails ...	Strength ...	21,686	10,608	6,441	3,298	2,352	589
	Deaths ...	1,204	459	256	84	110	18
	Ratio per 1,000 of strength ...	55.52	42.99	39.73	25.47	48.85	20.56
Central Jails ...	Strength ...	16,779	10,034	8,491	6,030	6,453	3,236
	Deaths ...	616	273	318	204	310	80
	Ratio per 1,000 of strength ...	36.71	27.21	37.45	29.44	45.04	24.72
District Jails ...	Strength ...	24,509	11,702	7,680	3,183	2,081	538
	Deaths ...	857	243	114	39	57	9
	Ratio per 1,000 of strength ...	3.497	20.77	14.84	12.83	27.39	16.73
Central Jails ...	Strength ...	17,108	10,492	8,972	7,698	6,708	3,612
	Deaths ...	597	291	249	147	229	61
	Ratio per 1,000 of strength ...	34.90	27.74	27.75	19.10	31.14	17.57

Statement No. I.—Total primary vaccinations and re-vaccinations, successful cases among children, cost of the Special Vaccination Department, etc., during the official year 1919-20.

Province.	Number of operations performed by the Special and Dispensary Staffs combined.		Percentage of successful cases* to total operations.		Number of children successfully vaccinated by the Special and Dispensary Staffs combined.		Average number of persons vaccinated by each vaccinator of the Special Staff.	Total cost of the Special Department.	Average cost of each successful case vaccinated.
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Under one year.	1 to 6 years.			
Delhi ... ..	11,727	4,222	99.51	79.59	10,573	599	2,278	Rs. 3,365	Rs. 0.3
Bengal ... ..	1,646,099	1,542,543	96.99	67.50	337,819	981,584	1,495	2,80,118	0.1
Bihar and Orissa ... ..	925,356	129,539	99.41	68.76	329,124	559,005	819	1,15,732	0.1
Assam ... ..	328,692	113,174	95.71	72.04	49,561	206,740	947	71,168	0.3
United Provinces of Agra and Oudh.	1,290,912	134,842	95.29	65.01	812,696	358,561	1,533	2,51,868	0.2
Punjab ... ..	605,143	323,679	97.95	76.18	463,068	91,731	3,008†	1,63,182	0.3
North-West Frontier Province ...	108,662	25,870	99.07	93.36	56,275	36,576	3,522§	17,893	0.2
Central Provinces and Berar ...	387,353	85,139	96.59	55.18	284,564	70,297	1,614	1,42,251	0.5
Madras ... ..	1,384,020	229,597	78.2	56.8	429,482	461,688	7,110||	4,79,700**	0.7
Coorg ... ..	8,106	6,278	94.63	75.51	871	3,727	1,548	3,987	0.5
Bombay ... ..	611,264	107,389	99.47	55.79	420,816	118,692	1,536	5,16,933	0.14
Burma ... ..	492,073	358,911	97.37	60.56	115,066	228,312	2,627¶	2,48,649	0.6
Ajmer-Merwara ... ..	11,492	354	95.06	93.55	8,634	1,721	782	4,029	0.5
Total ... ..	7,810,909	3,059,537	94.36	67.48	3,318,549	3,119,233	1,566	22,98,875	0.4

(\*) Excluding those the results of which were not known.

(†) Excluding dispensaries.

(‡) Including vaccinations performed in cantonments.

(§) Including vaccinations performed in cantonments and Political Agencies.

(||) Excludes average of work done by each medical subordinate.

(¶) Excludes the work done by private medical practitioners.

(\*\*) Excluding Madras Presidency Circle.

Statement No. II.—Vaccination operations performed by the Special and Dispensary Establishments separately, deaths from small-pox, etc., during the official year 1919-1920.

Province.	Population.	NUMBER OF OPERATIONS (PRIMARY AND RE-VACCINATIONS COMBINED).			Ratio of successful vaccinations per 1,000 of population.	Percentage of annual estimated births at 40 per 1,000 of population successfully vaccinated.	DEATHS FROM SMALL-POX.*	
		By Special Department.	By Dispensary Staff.	Total.			Number.	Ratio per 1,000 of pop.
Delhi ... ..	4,6,656	15,949	...	15,949	34.12	63.44	73	
Bengal ... ..	43,471,942†	2,862,530	324,112	3,186,642	57.97	19.43	37,010	
Bihar and Orissa ... ..	34,489,846	1,054,727	178	1,054,905	28.28	23.86	10,175	
Assam ... ..	7,059,857	430,747	11,119	441,866	52.97	17.55	1,432	
United Provinces of Agra and Oudh ...	46,806,539	1,425,482	272	1,425,754	27.84	43.41	10,993	
Punjab ... ..	19,566,432	925,041	3,781	928,822	39.18	59.17	15,365	
North-West Frontier Province ...	2,910,899	134,532	...	134,532	43.83	48.33	1,204	
Central Provinces and Berar ...	13,916,308	472,056	436	472,492	28.35	51.12	7,342	
Madras ... ..	41,183,297‡	1,613,273	344	1,613,617	25.7	26.07	41,732	
Coorg ... ..	174,976	14,036	348	14,384	66.51	12.44	529	
Bengal ... ..	22,643,744	711,445	7,208	718,653	26.01	46.46	6,232	
Burma ... ..	12,146,217	839,079	11,905	850,984	52.42	23.68	3,917	
Ajmer-Merwara ... ..	501,395	11,846	...	11,846	21.16	43.05	73	
Total ... ..	245,288,108	10,510,743	359,703	10,870,446	36.07	33.82	136,077	

\* For the calendar year.

† Excludes 2,011,184, the population of other municipalities except Calcutta.

‡ Excludes the population of the cantonments of Bangalore and Secunderabad.

STATEMENT No. III—Vaccination in the European and Indian Armies during 1919.  
Effective Strength.

Armies.	European Troops.								Indian Troops.							
	Officers.				Warrant and Non-Commissioned Officers and men.				European Officers.				Indian Commissioned, Non-Commissioned Officers and men.			
	Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
...	...	440	...	70	49	9,904	45	65	0	411	55	60	8,618	120,173	81	67
...	...	167	...	47	233	4,380	37	48	7	455	100	58	4,530	71,605	79	55
... not in the Indian Com- ...	...	...	...	...	...	...	...	...	...	...	...	...	...	291	...	65
Total	...	607	...	62	272	14,211	80	60	16	866	75	63	13,450	201,669	80	63

Non-Effective Strength—Families.  
A.—European Troops.

Armies.	Officers' wives.				Officers' children.				Soldiers' wives.				Soldiers' children.			
	Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
...	...	85	...	73	22	35	91	53	2	280	50	83	124	480	95	70
... A	...	18	...	50	4	159	75	71	1	95	...	48	82	127	79	55
Total	...	103	...	69	26	175	88	67	3	375	50	74	206	647	89	65

B.—Indian Troops.

Armies.	European Officers' wives.				European Officers' children.				Indian soldiers' wives.				Indian soldiers' children.			
	Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
...	...	20	...	55	10	16	93	44	479	2,105	57	69	1,007	1,856	88	70
...	...	7	...	100	10	2	100	100	157	1,284	28	67	1,742	375	91	45
... not in the Indian Com- ...	...	...	...	...	4	4	100	...	...	...	...	...	...	...	...	...
Total	...	27	...	67	24	22	95	41	636	4,389	87	74	2,754	2,231	90	65

No.	Name of the Land	Area in Acres	Value	Remarks
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4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

No.	Name of the Land	Area in Acres	Value	Remarks
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

No.	Name of the Land	Area in Acres	Value	Remarks
41				
42				
43				
44				
45				
46				
47				
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50				
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52				
53				
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55				
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60				

ANNUAL RETURNS

OF THE

EUROPEAN ARMY OF INDIA,

OF THE

INDIAN ARMY AND OF THE JAIL  
POPULATION

FOR THE YEAR

1919

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ANNUAL RETURN

EUROPEAN ARMY OF INDIA

INDIAN ARMY AND OF THE MILITARY POPULATION

1850

TABLE A.

*Grouping of Diseases in the Main Tables for 1919.*

HEAD OF DISEASE.	Includes or includes also
CHOLERA . . . . .	
HEAT-STROKE . . . . .	Sun-stroke.
ALCOHOLISM . . . . .	Delirium tremens. Alcoholic Poisoning.
TUBERCLE OF THE LUNGS . . . . .	Tubercular Phthisis, and Hæmoptysis due to tubercle.
RESPIRATORY DISEASES . . . . .	Hæmoptysis and Cirrhosis of the lung not due to tubercle.
ANÆMIA AND DEBILITY . . . . .	Old age (Tables for men and women). Premature birth (Tables for children).
DIARRHŒA . . . . .	
HEPATIC CONGESTION AND INFLAMMATION.	Congestion of liver, Hepatitis, Perihepatitis ; but excludes Cirrhosis of liver.
VENEREAL DISEASES . . . . .	Syphilis, Gonorrhœa, and Soft Chancre.
PHAGEDÆNA, SLOUGH, AND GANGRENE.	Nomenclature of 1906, Nos. 17, 954 and 967.
ABSCCESS, ULCER, AND BOIL . . . . .	Nomenclature of 1906, Nos. 953 and 965.
ABORTION AND AFFECTIONS CONNECTED WITH PREGNANCY.	Nos. 506 and 827 to 838.
AFFECTIONS CONNECTED WITH AND CONSEQUENT ON PARTURITION.	Nos. 839 to 870 and all other diseases called puerperal by medical officers.
ALL OTHER DISEASES PECULIAR TO WOMEN.	Nos. 765 to 826 and 871 to 882.

} These two headings appear only in jail tables.

TABLE I

Summary of results for the study

Category	Sub-category	Value
General	Overall	100
	Sub-category	95
Detailed	Sub-category	90
	Sub-category	85
Specific	Sub-category	80
	Sub-category	75
Detailed	Sub-category	70
	Sub-category	65
Specific	Sub-category	60
	Sub-category	55
Detailed	Sub-category	50
	Sub-category	45
Specific	Sub-category	40
	Sub-category	35
Detailed	Sub-category	30
	Sub-category	25
Specific	Sub-category	20
	Sub-category	15
Detailed	Sub-category	10
	Sub-category	5
Specific	Sub-category	0
	Sub-category	0

# CONTENTS.

Grouping of diseases in the main tables for 1919 . . . . .	TABLE, PAGE. A 5
--	---------------------

## I.—EUROPEAN TROOPS, 1919.

Stations by armies . . . . .	B 8
Ratios of armies . . . . .	I 9
Ratios of geographical groups . . . . .	II 10
Ratios of stations, groups, and armies . . . . .	III 11—16
Abstract of the Cantonment sanitary reports of the most unhealthy stations . . . . .	IV 17
Enteric fever by months, stations, groups, and armies . . . . .	V
Malaria by months, stations, groups, and armies . . . . .	VI } 18—20
Pyrexia of uncertain origin by months, stations, groups, and armies . . . . .	VII }
Cholera by months, stations, groups, and armies . . . . .	VIII }
Dysentery by months, stations, groups, and armies . . . . .	IX } 21—22
Diarrhœa by months, stations, groups, and armies . . . . .	X }
Statistics of regiments . . . . .	XI 23—57
Statistics of officers, women, and children . . . . .	XII 58
Deaths of children by ages and causes . . . . .	XIII 59

## II.—INDIAN TROOPS, 1919.

Stations by armies . . . . .	C 62
Ratios of armies . . . . .	XIV 63
Ratios of geographical groups . . . . .	XV 64
Ratios of stations, groups, and armies . . . . .	XVI 65—73
Abstract of the Cantonment sanitary reports of the most unhealthy stations . . . . .	XVII 74
Enteric fever by months, stations, groups, and armies . . . . .	XVIII
Malaria by months, stations, groups, and armies . . . . .	XIX } 75—77
Pyrexia of uncertain origin by months, stations, groups, and armies . . . . .	XX }
Cholera by months, stations, groups, and armies . . . . .	XXI }
Dysentery by months, stations, groups, and armies . . . . .	XXII } 78—81
Diarrhœa by months, stations, groups, and armies . . . . .	XXIII }
Statistics of regiments . . . . .	{ XXIV 82—115 XXIV-A 116—130 XXIV-B 131

## III.—PRISONERS, 1919.

(European, Eurasian, Indian ; male, female ; adult, juvenile.)

Jails by administrations . . . . .	D 134
Ratios of administrations . . . . .	XXV 135
Ratios of geographical groups . . . . .	XXVI 136
Ratios of jails, groups, and administrations . . . . .	XXVII 137—145
Abstract of the sanitary sheets of the most unhealthy jails . . . . .	XXVIII 146—148
Enteric fever by months, jails, groups, and administrations . . . . .	XXIX
Malaria by months, jails, groups, and administrations . . . . .	XXX } 149—152
Pyrexia of uncertain origin by months, jails, groups, and administrations . . . . .	XXXI }
Cholera by months, jails, groups, and administrations . . . . .	XXXII }
Dysentery by months, jails, groups, and administrations . . . . .	XXXIII } 153—156
Diarrhœa by months, jails, groups, and administrations . . . . .	XXXIV }

## IV.—TROOPS AND PRISONERS, 1919.

Detail of diseases . . . . .	XXXV 157—161
------------------------------	--------------

NOTE.—In the tables for European troops, Indian troops, and for prisoners, the months mentioned are calendar months.

# CONTENTS

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## I. EUROPEAN THEORY AND RESEARCH

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
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34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
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## II. THEORETICAL AND RESEARCH

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## III. PERSONALITY AND PSYCHOLOGY

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## IV. THEORY AND RESEARCH

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TABLE B.

STATIONS by ARMIES.

STATIONS.	Height above the sea level in feet.*	Authority for height.	STATIONS.	Height above the sea level in feet.*	Authority for height.	STATIONS.	Height above the sea level in feet.*	Authority for height.
<b>NORTHERN ARMY—</b>			<b>NORTHERN ARMY—contd.</b>			<b>SOUTHERN ARMY—contd.</b>		
Abbottabad . . . . .	4,010	S. D.	†Khan Spur and Ghora Dhaka	7,721	S. D.	Fort Dufferin (Mandalay) . . . . .	246	S. D.
Agra . . . . .	522	"	†Kuldana . . . . .	7,949	S. G.	Hyderabad (Sind) . . . . .	94	"
Ali Masjid . . . . .	not available.		Labore Cantonment and Fort.	706	S. D.	Jhansi . . . . .	847	"
Allahabad and Fort . . . . .	311	S. D.	Landi Kotal . . . . .	not available.		Jubbulpore . . . . .	1,318	"
Ambala . . . . .	902	"	†Landour Convalescent Depôt.	7,528	S. D.	Kamptee and Sitabaldi . . . . .	938	"
Amritsar . . . . .	756	"	†Lebong . . . . .	6,000	"	Karachi . . . . .	33	"
Attock . . . . .	1,110	"	Lucknow and Military Prison	390	"	Khandalla . . . . .	2,000	M. O.
Bareilly . . . . .	561	"	Meerut . . . . .	727	"	Kirkee . . . . .	1,853	S. D.
†Barian Camp and Khairagali	{ 7,133 7,678	{ I. B. S. G.	Multan . . . . .	404	"	Lwekaw . . . . .	not available.	
Barrackpore . . . . .	24	S. D.	†Murree Convalescent Depôt	7,685	"	Madras and St. Thomas' Mount.	{ 19 250	{ S. D. "
Besares . . . . .	256	"	Muttra . . . . .	557	"	†Maymyo . . . . .	3,508	"
Burhan . . . . .	1,255	"	†Naini Tal Convalescent Depôt.	6,400	"	Meiktila . . . . .	773	"
Campbellpore . . . . .	1,180	"	Nowshera . . . . .	966	"	Mhow and Indore . . . . .	{ 1,927 1,806	{ I. B. "
Cawnpore . . . . .	407	"	Peshawar . . . . .	1,149	"	Mount Abu Sanatorium . . . . .	3,836	S. D.
†Chakrata . . . . .	6,885	"	†Ranikhet and Chaubuttia . . . . .	{ 5,980 6,942	{ S. G. "	Nasirabad . . . . .	1,461	"
†Cherat . . . . .	4,286	"	Rawalpindi . . . . .	1,687	S. D.	Neemuch . . . . .	1,613	"
†Dagshai . . . . .	6,087	"	Risalpur . . . . .	1,014	"	Nowgong . . . . .	770	I. B.
†Dalhousie Convalescent Depôt.	7,687	"	Rurki . . . . .	877	"	Pachmarhi Sanatorium . . . . .	3,490	S. D.
†Darjeeling ditto . . . . .	7,157	"	Sialkot . . . . .	829	"	Poona . . . . .	1,864	"
Dehra Dun . . . . .	2,229	"	†Solon . . . . .	5,078	"	Poonamallee Depôt . . . . .	68	"
Delhi . . . . .	706	"	†Subathu . . . . .	4,000	"	Port Blair . . . . .	85	"
Dinapore . . . . .	171	"	Thal . . . . .	2,450	"	Purundhar Sanatorium . . . . .	4,560	"
Dum-Dum . . . . .	not available.		†Upper Topa . . . . .	7,000	M. O.	Pyinmana . . . . .	not available.	
Ferozepore . . . . .	645	S. D.	<b>SOUTHERN ARMY—</b>			†Quetta . . . . .	5,507	S. D.
Forts William, Fulta and Chingrichal.	17	S. G.	Ahmednagar . . . . .	2,171	S. D.	Ramandroog . . . . .	3,150	S. G.
Fyzabad . . . . .	327	S. D.	Bangalore . . . . .	2,999	"	Rangoon . . . . .	15	S. D.
†Gharial . . . . .	6,811	S. G.	Belgaum . . . . .	2,520	"	Satara . . . . .	2,200	"
Jamrud . . . . .	1,550	S. D.	Bellary . . . . .	1,481	"	Saugor . . . . .	1,753	"
Jullundur . . . . .	900	S. G.	Cannanore . . . . .	40	"	Secunderabad . . . . .	1,773	"
†Jatogh . . . . .	6,778	S. D.	Calicut . . . . .	15	"	Sumerpur . . . . .	393	"
Kacha Garhi . . . . .	not available.		Colaba (Bombay) . . . . .	20	"	Thamakan . . . . .	not available.	
†Kasauli Convalescent Depôt.	6,050	S. D.	Deesa . . . . .	not available.		Thayetmyo . . . . .	145	S. D.
Kohat . . . . .	1,700	"	Deolali Depôt . . . . .	1,892	S. D.	†Wellington Convalescent Depôt.	6,050	"

\* These heights are usually those of the survey-marks or of the mercury-surface in barometer-cisterns of meteorological observatories.  
 † Official Hill Stations and Hill Sanatoria and Convalescent Depôts.  
 S. D. = Survey Department (Map Publication Office).  
 S. G. = Surveyor-General of India.  
 I. B. = Intelligence Branch of the Division of the Chief of the Staff.  
 M. D. = Meteorological Department.  
 M. O. = Medical Officers in charge of Station Hospitals in their Sanitary Reports.



TABLE I

I.—EUROPEAN TROOPS, 1919.

I—EUROPEAN TROOPS, 1919

TABLE I.

RATIOS OF ARMIES.

The ratios of admissions and deaths to strength are taken from Table III.

	RATIOS PER 1,000 OF THE AVERAGE STRENGTH.		
	Northern Army.	Southern Army.	India.
I.—STRENGTH . . . . .	25,044	31,227	56,561
II.—CONSTANTLY SICK PER 1,000 OF THE AVERAGE STRENGTH . . . . .	52.4	61.9	57.4
II.—ADMISSION RATE OF THE YEAR—			
Influenza . . . . .	14.1	24.3	25.2
Cholera . . . . .	0.2	0.5	0.4
Small-pox . . . . .	3.6	2.7	3.1
Enteric Fever . . . . .	4.7	4.5	4.5
Malaria . . . . .	248.9	194.3	217.8
Sandfly Fever . . . . .	113.3	2.3	51.5
Pyrexia of uncertain origin . . . . .	1.0	1.3	1.2
Tubercle of the Lungs . . . . .	1.1	1.8	1.5
Pneumonia . . . . .	5.0	5.2	5.1
Respiratory Diseases . . . . .	35.2	30.6	32.5
Dysentery . . . . .	7.4	19.7	14.2
Diarrhoea . . . . .	31.3	31.1	31.1
Hepatic { Abscess . . . . .	0.8	0.9	0.9
{ Congestion and Inflammation . . . . .	5.9	2.6	4.0
Veneral Diseases . . . . .	72.9	100.1	87.6
ALL CAUSES . . . . .	1,054.3	912.8	972.1
III.—DEATH RATE OF THE YEAR—			
Cholera . . . . .	0.08	0.29	0.19
Small-pox . . . . .	0.52	0.19	0.34
Enteric Fever . . . . .	0.44	0.45	0.44
Malaria . . . . .	0.72	0.74	0.74
Pyrexia of uncertain origin . . . . .	...	...	...
Heat-stroke . . . . .	1.52	0.13	0.74
Circulatory Diseases . . . . .	0.44	0.35	0.39
Tubercle of the Lungs . . . . .	0.12	0.22	0.18
Pneumonia . . . . .	0.88	0.96	0.92
Respiratory Diseases . . . . .	0.32	0.29	0.30
Dysentery . . . . .	0.10	0.35	0.28
Diarrhoea . . . . .	...	...	...
Hepatic Abscess . . . . .	0.12	0.26	0.19
ALL CAUSES . . . . .	8.30	7.24	7.74

TABLE II.

RATIOS of GEOGRAPHICAL GROUPS.

The ratios of admissions and deaths to strength are taken from Table III.

	RATIOS PER 1,000 OF THE AVERAGE STRENGTH.													India
	I Burma Coast and Bay Islands.	II Burma Inland.	IV Bengal and Orissa.	V Gange- tic Plain and Chutia Nagpur.	VI Upper Sub- Hima- laya.	VII N.-W. Frontier, Indus Valley, and N.-W. Rajpu- tana.	VIII S.-E. Rajpu- tana, Central India and Gujarat.	IX Deccan.	X Western Coast.	XI South- ern India.	XIIa Hill Stations.	XIIb Hill Conva- lescent Depôts and Sanato- ria.		
I.—STRENGTH . . . . .	957	504	1,275	3,477	11,180	7,401	4,213	11,496	1,955	3,126	4,200	1,808	564	
II.—CONSTANTLY SICK PER 1,000 OF THE AVERAGE STRENGTH . . . . .	58.2	35.4	49.2	35.4	61.4	28.1	35.4	48.3	121.6	49.7	57.5	53.1	5	
III.—ADMISSION RATE OF THE YEAR—														
Influenza . . . . .	38.7	71.4	51.0	48.9	4.5	5.7	3.6	12.2	262.4	6.1	25.1	8.8	2	
Cholera . . . . .	...	...	0.8	...	0.4	0.1	0.7	0.3	4.6	...	...	...	...	
Small-pox . . . . .	4.2	...	0.8	2.6	2.1	5.8	5.5	2.9	1.0	4.2	1.6	...	...	
Enteric Fever . . . . .	1.0	...	0.8	2.0	6.4	4.5	4.0	6.1	2.0	5.8	3.7	6.6	...	
Malaria . . . . .	81.5	95.2	18.9	60.7	264.0	311.6	197.5	177.8	360.6	113.6	266.0	253.3	21	
Sandfly Fever . . . . .	...	...	11.8	29.6	178.4	17.0	48.9	1.2	5.6	...	7.7	19.5	3	
Pyrexia of uncertain origin . . . . .	...	...	...	0.3	1.3	1.4	1.7	0.4	7.7	0.3	0.5	1.7	...	
Rheumatic Fever . . . . .	9.4	4.0	4.7	3.5	3.0	3.8	3.8	3.0	8.2	3.5	5.6	5.0	...	
Tubercle of the Lungs . . . . .	5.2	2.0	1.6	0.9	1.2	0.8	1.4	1.3	6.1	1.3	2.8	1.7	...	
Pneumonia . . . . .	3.1	6.0	7.1	2.3	5.5	7.7	3.6	3.0	18.9	3.5	4.0	2.8	...	
Respiratory Diseases . . . . .	111.8	35.7	59.6	40.0	37.4	25.4	19.7	31.1	57.3	24.6	37.0	20.5	3	
Dysentery . . . . .	20.9	11.9	11.8	4.6	9.7	0.8	12.1	19.6	29.7	35.8	11.6	9.4	1	
Diarrhoea . . . . .	16.7	37.7	25.9	28.2	35.3	23.6	25.9	33.5	89.5	11.2	20.5	29.3	3	
Hepatic { Abscess . . . . .	4.2	...	7.1	0.3	0.6	0.4	0.7	1.0	2.0	0.3	0.9	...	...	
{ Congestion and { Inflammation . . . . .	2.1	7.9	3.1	9.5	5.1	1.6	4.5	2.6	3.1	2.2	9.8	5.5	...	
Veneral Diseases . . . . .	80.5	150.8	156.9	89.2	84.8	54.1	58.9	75.2	275.2	133.1	63.5	31.0	8	
ALL CAUSES . . . . .	1,202.7	720.2	1,193.3	817.1	1,206.0	868.9	818.7	824.8	2,005.2	822.1	871.4	803.6	92	
V.—DEATH RATE OF THE YEAR—														
Cholera . . . . .	...	...	...	...	0.18	...	0.24	0.35	1.53	...	...	...	0	
Small-pox . . . . .	3.13	...	...	0.29	0.45	0.54	0.71	0.17	...	0.32	...	...	0	
Enteric Fever . . . . .	...	...	...	...	0.59	0.14	0.95	0.26	...	1.60	...	0.55	0	
Malaria . . . . .	...	...	...	...	0.8	1.35	0.24	0.35	1.02	0.64	0.70	0.55	0	
Pyrexia of uncertain origin . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	
Heat-stroke . . . . .	...	...	0.78	2.59	2.42	0.14	0.24	0.09	0.51	0.32	...	...	0	
Circulatory Diseases . . . . .	...	...	...	...	0.54	0.27	0.47	0.26	1.53	0.32	0.93	0.55	0	
Tubercle of the Lungs . . . . .	2.09	...	...	0.29	0.18	...	...	0.17	1.53	...	...	...	0	
Pneumonia . . . . .	...	...	3.14	0.86	0.45	1.62	0.74	0.52	2.56	0.32	1.16	...	0	
Respiratory Diseases . . . . .	1.04	...	...	...	0.72	0.14	...	0.09	2.05	0.32	...	...	0	
Dysentery . . . . .	...	...	1.7	0.19	0.18	0.14	0.47	0.17	2.05	...	...	...	0	
Diarrhoea . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	
Hepatic Abscess . . . . .	1.04	...	0.78	...	0.09	0.27	...	0.17	...	0.32	0.47	...	0	
ALL CAUSES . . . . .	7.31	3.97	13.33	6.61	10.29	7.43	6.83	4.61	21.99	6.40	7.91	2.77	2	

TABLE III.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.													2. DEATH RATE.											
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia, of uncertain origin.	Rheumatic Fever.	Heart-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancere.	Gonorrhoea.	
I.— LA COAST BAY BANDS.	128	15.6	...	...	...	13.8	...	...	15.6	...	31.2	...	23.4	7.8	7.8	7.8	15.6	15.6	36.1	1,070.3	47.34	7.8	...	31.2		
	829	42.2	...	4.8	1.2	73.6	...	...	8.4	...	37.4	6.0	3.6	125.5	22.9	18.1	3.6	...	9.7	86.9	1,223.1	59.82	25.3	14.5	47.0	
I.— LA COAST BAY BANDS.	957	38.7	...	4.2	1.0	81.5	...	...	9.4	...	36.6	5.2	3.1	111.8	2.9	16.7	4.2	2.1	10.4	80.5	1,202.7	18.15	23.0	12.5	44.9	
	...	...	...	3.13	...	...	...	...	...	...	2.09	...	1.04	...	...	...	1.04	...	...	...	7.31	...	...	...		
I.— LA COAST BAY BANDS.	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	166.7	165.7	21.67	166.7	...	...		
	317	113.6	...	...	...	34.7	...	...	3.2	...	53.6	3.2	...	31.5	9.5	44.2	...	3.2	6.3	179.8	697.2	42.84	63.1	56.8	59.9	
I.— LA COAST BAY BANDS.	69	...	...	...	...	246.4	...	...	14.5	...	14.5	...	29.0	29.0	...	29.0	...	...	188.4	1,115.2	38.84	14.5	87.0	87.0		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14.49	...	...	...	...		
I.— LA COAST BAY BANDS.	77	...	...	...	...	56.0	...	...	...	...	26.0	...	13.0	51.9	36.0	3.0	...	...	...	51.9	441.6	10.39	...	26.0	26.0	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
I.— LA COAST BAY BANDS.	27	...	...	...	...	666.7	...	...	...	...	...	...	...	74.1	...	...	...	...	...	37.0	1,074.1	24.44	...	...	37.0	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
I.— LA COAST BAY BANDS.	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	125.0	...	125.0	...	...	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
II.— INLAND.	5.4	71.4	...	...	...	95.1	...	...	4.0	...	39.7	2.0	6.0	35.7	11.9	32.7	...	7.9	4.0	150.8	720.2	35.44	43.7	51.6	55.6	
	...	1.98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.97	...	...	...		
I.— LA COAST BAY BANDS.	812	75.1	...	1.2	1.2	177.3	1.2	...	3.7	...	16.0	2.5	6.2	39.4	3.7	27.1	2.5	1.2	13.5	214.3	1,272.2	54.08	24.6	40.6	149.0	
	...	...	...	...	...	...	...	...	...	...	...	...	...	2.46	...	2.4	...	1.23	...	...	16.01	...	...	...		
I.— LA COAST BAY BANDS.	168	...	...	6.0	...	232.1	...	...	6.0	...	71.4	...	...	226.2	17.9	35.7	6.0	17.9	...	77.4	1,648.8	58.99	23.8	...	53.6	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.95	...	...	...		
I.— LA COAST BAY BANDS.	295	13.6	...	...	...	183.1	47.5	...	6.8	...	16.9	...	13.6	20.3	30.5	16.9	20.3	...	...	44.1	725.4	30.00	10.2	...	33.9	
	...	...	...	...	...	...	...	...	...	...	3.39	...	6.78	...	...	...	...	...	...	...	10.17	...	...	...		
IV.— AL BUSSA.	1,275	31.0	0.0	0.8	0.8	185.9	11.8	...	4.7	...	23.5	1.6	7.1	59.6	11.8	23.9	7.1	3.1	8.6	156.9	1,195.3	40.15	21.2	25.9	109.8	
	...	...	...	...	...	...	...	...	...	...	0.78	...	3.14	...	1.57	...	0.78	...	...	...	13.33	...	...	...		
I.— LA COAST BAY BANDS.	28	7.1	...	...	3.5	39.0	...	...	...	...	3.5	31.9	...	...	67.4	49.6	...	10.6	7.1	85.1	1,028.4	36.24	23.4	17.7	39.0	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.09	...	...	...		
I.— LA COAST BAY BANDS.	210	...	...	...	...	...	...	...	...	...	...	...	...	...	47.6	4.8	9.5	...	1.13	...	104.8	557.1	28.05	4.6	33.3	23.8
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
I.— LA COAST BAY BANDS.	809	82.8	...	1.2	2.5	69.2	1.2	...	2.5	1.2	6.2	...	2.5	13.6	12.4	12.4	...	11.1	...	6.53	500.6	20.90	19.8	13.6	32.1	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.24	...	1.24	...	...	...	4.94	...	...	...		
I.— LA COAST BAY BANDS.	210	57.4	...	...	4.8	52.4	28.6	...	14.3	33.3	9.5	...	...	85.7	...	38.1	4.8	9.5	...	42.9	785.7	35.80	19.1	4.8	19.0	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.75	...	...	...		
I.— LA COAST BAY BANDS.	1,383	62.2	...	5.1	0.7	51.8	37.6	...	4.3	100.5	24.6	2.2	4.3	39.8	7.4	49.5	...	7.2	28.2	111.4	1,021.0	47.3	27.5	16.8	57.1	
	...	...	...	...	...	...	...	...	...	...	5.76	...	0.72	1.45	...	...	...	...	...	...	10.12	...	...	...		
I.— LA COAST BAY BANDS.	583	6.9	...	1.7	3.4	102.9	75.5	1.7	1.7	6.9	36.6	...	...	44.6	5.1	13.7	...	10.3	6.4	82.3	775.3	29.31	18.9	25.7	37.7	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.43	...	...	...		
V.— ETIC AND A SR.	3,477	48.9	...	2.6	2.0	60.7	29.6	0.3	3.5	43.7	23.9	0.9	2.3	40.0	4.6	28.2	0.3	9.5	12.9	89.2	817.1	35.41	25.0	21.9	42.5	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.61	...	...	...		

EUROPEAN TROOPS, 1919.

TABLE III—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE.												
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	
<b>A</b>																								
Bareilly . . . . .	168	...	...	1'8	1'8	88'0	...	...	5'3	...	28'2	...	...	5'3	35'2	5'3	29'9	...	14'1	1'3	47'5	948'9	48'89	12'3
Rurki . . . . .	237	3'9	...	3'9	...	119'7	...	3'9	...	27'2	15'6	...	...	3'9	3'9	7'8	...	7'8	23'3	81'7	871'6	23'77	7'8	
Dehra Dun . . . . .	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	538'5	8'46	...
Meerut . . . . .	1,424	4'2	...	4'9	3'3	82'9	21'1	0'7	3'5	16'2	40'7	0'7	6'3	42'8	4'9	32'3	2'1	4'9	6'3	119'4	1,240'2	66'40	19'0	
Delhi . . . . .	1,232	2'5	...	0'3	7'	511'6	209'8	0'8	7'5	31'6	10'8	0'8	1'7	13'3	4'2	20'8	...	10'8	1'7	108'2	1,249'6	51'85	15'0	
Ambala . . . . .	1,138	5'4	...	3'6	8'1	215'7	88'4	...	3'6	2'7	16'2	1'8	12'6	16'2	2'6	27'1	1'8	3'4	14'4	54'2	894'4	48'44	9'0	
<b>B</b>																								
Jullundur . . . . .	445	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ferozepore . . . . .	1,094	...	...	0'9	5'3	201'1	342'8	1'8	1'8	6'4	17'4	1'8	2'7	41'1	23'9	21'4	...	3'7	15'5	41'1	1,197'4	49'02	4'6	
Amritsar . . . . .	295	...	...	...	6'7	114'1	43'6	...	...	6'7	6'7	3'4	16'8	43'6	...	36'9	...	6'7	20'1	53'7	822'1	32'11	...	
Lahore Cantonment and Fort.	1,704	0'6	0'6	1'8	7'0	323'4	451'2	2'3	2'9	21'5	26'4	0'6	4'1	46'9	7'0	34'6	0'6	3'5	5'9	93'3	1,549'3	71'55	11'7	
Sialkot . . . . .	587	1'7	...	1'7	8'5	2'3	00'5	3'4	3'4	3'4	18'7	3'4	1'7	22'1	...	43'6	...	10'2	1'7	105'6	930'2	57'70	17'0	
Rawalpindi . . . . .	2,267	13'7	1'8	1'3	9'7	342'7	139'2	0'4	1'0	15'0	24'3	0'4	6'2	57'8	11'5	54'3	0'4	1'3	18'1	102'3	1,360'5	84'98	21'0	
srhan . . . . .	82	...	...	...	...	122'0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24'4	47'6	23'05
mpbellpore . . . . .	84	11'9	...	...	...	95'2	11'9	11'9	...	23'8	...	...	...	11'9	...	47'6	...	...	...	...	...	35'7	678'6	30'95
Attock . . . . .	47	...	...	...	...	191'5	...	21'3	...	21'3	...	...	21'3	21'3	21'3	85'1	...	...	...	...	...	85'1	680'9	14'26
<b>GROUP VI.—UPPER SUB-HIMALAYA.</b>	11,180	4'5	0'4	2'1	6'4	264'0	178'4	1'3	3	14'3	23'0	1'2	5'5	37'4	9'7	35'3	0'6	5'1	10'7	84'8	1,206'0	61'39	13'8	
<b>A</b>																								
Nowshera . . . . .	1,083	...	0'9	12'0	1'8	262'2	86'8	...	4'6	...	20'3	...	4'6	20'3	...	22'9	...	0'9	14'8	41'6	825'2	44'86	6'5	
Peshawar . . . . .	2,128	4'7	...	8'0	5'6	333'6	118'0	...	3'8	11'3	19'7	0'8	11'3	22'1	1'4	16'4	0'9	1'9	6'1	39'5	821'8	45'25	7'0	
Risalpur . . . . .	646	...	...	9'3	1'3	156'3	55'7	...	4'6	...	17'0	...	1'5	25'3	...	...	...	6'2	3'1	31'0	589'8	23'58	6'2	
Kohat . . . . .	99	...	...	...	...	66'6	20'2	...	10'2	...	...	...	...	10'1	...	10'1	...	...	...	30'3	929'3	39'49	...	
Thal . . . . .	20	100'0	...	...	...	2,200'0	...	2,200'0	...	...	...	...	...	100'0	...	50'0	...	...	...	...	3,050'0	48'50	...	
Jamrud . . . . .	35	...	...	28'6	...	542'9	485'7	...	...	...	28'6	...	28'6	114'3	...	114'3	...	...	...	57'1	2,200'0	32'86	...	
Kacha Garhi . . . . .	55	115'5	...	...	...	981'8	...	...	...	18'2	18'2	...	18'2	90'9	...	72'7	...	...	18'2	...	2,018'2	19'64	...	
Ali Masjid . . . . .	140	...	...	...	...	1,071'4	184'9	...	7'1	...	7'1	...	...	14'3	...	7'1	...	...	...	7'1	6,692'9	15'86	...	
Landi Kotal . . . . .	131	...	...	...	7'5	555'4	207	...	...	...	7'5	...	7'5	30'1	22'6	37'6	...	...	...	15'0	1,195'5	37'97	7'5	
Multan . . . . .	433	...	...	...	13'9	210'2	43'9	...	4'6	27'7	25'4	2'3	4'6	41'6	...	27'7	...	5'1	30'0	822'2	7'52	40'55	6'9	
<b>C</b>																								
Hyderabad . . . . .	380	...	...	2'1	...	...	...	...	5'3	...	89'5	2'6	...	23'7	...	7'9	...	5'3	13'2	39'5	77'3	63'00	2'6	
Karachi . . . . .	2,249	9'8	0'44	...	2'2	3'6	267'2	6'2	2'7	3'1	12'0	0'4	9'8	25'3	...	37'8	0'4	0'4	3'1	99'2	827'9	29'30	14'2	
<b>GROUP VII.—N.-W. FRONTIER, INDUS VALLEY, AND N.-W. RAJPUTANA.</b>	7,401	5'7	0'1	5'8	4'5	311'6	67'0	1'4	3'8	5'1	20'4	0'2	7'7	25'4	0'8	23'6	0'4	1'6	9'1	55'1	868'9	38'09	8'5	

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE.														
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancre.	Gonorrhoea.	
B Bh.	298	...	...	...	3'4	231'5	16'8	6'7	...	...	13'4	...	...	13'4	23'5	10'1	...	13'4	...	73'8	64'3	39'64	30'2	10'1	33'6	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		3'35	...	...	...
ad.	309	19'4	...	...	...	197'4	22'7	...	6'5	...	32'4	...	3'2	22'7	3'2	16'2	...	...	19'4	126'2	88'5	28'03	3'2	68'0	55'0	
		...	...	...	...	...	...	...	...	...	...	...	...	3'24	...	...	...	...	...	...	...		6'47	...	...	...
	318	...	...	12'0	...	110'1	22'0	...	...	...	3'1	28'3	...	3'1	25'2	12'6	9'4	...	9'4	6'3	91'2	99'6	35'91	6'3	3'1	81'8
		...	...	3'14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9'43		...	...	...
	922	1'1	...	14'1	1'1	279'8	181'1	3'3	2'2	...	27'1	...	1'1	20'6	2'2	38'0	...	3'3	28'2	26'0	1,010'8	19'45	4'3	3'3	18'4	
		...	...	2'17	...	...	...	...	...	...	1'08	...	...	...	...	...	...	...	...	...	...		5'4	...	...	...
	533	1'9	5'6	7'5	9'4	352'7	...	1'9	1'9	7'5	7'5	5'6	3'8	13'1	20'6	48'8	...	...	45'8	61'9	1,101'3	52'96	15'0	3'8	43'2	
		...	1'88	...	3'73	...	...	...	...	1'88	...	1'88	...	...	...	...	...	...	...	...	...		13'13	...	...	...
B B	55	...	...	...	...	127'3	118'2	...	...	...	18'2	...	...	18'2	...	18'2	...	...	...	54'5	69'9	13'82	18'2	17'2	18'2	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
B B	35	...	...	...	...	114'3	...	...	28'6	...	28'6	...	...	...	...	57'1	...	28'6	...	...	541'9	9'14	...	...	...	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
ad and Indore	1,743	4'0	...	1'1	5'7	120'5	4'6	0'6	5'7	1'1	32'1	1'7	5'7	21'2	14'9	19'5	1'7	4'6	2'9	36'2	627'1	31'15	1'3	8'6	33'8	
		...	...	...	1'15	0'57	...	...	...	...	...	0'57	...	...	...	...	...	...	...	...	...		6'31	...	...	...
VIII.— M-EAST PTANA, MAL AND RAT.	4,213	3'6	0'7	5'5	4'0	197'5	48'9	1'7	3'8	1'7	26'1	1'4	3'6	19'7	12'1	25'9	0'7	4'5	15'4	58'9	815'7	35'41	11'6	10'9	36'3	
		...	0'24	0'71	0'95	0'24	...	...	...	...	0'24	0'47	...	0'24	...	0'47	...	...	...	...	...		6'83	...	...	...
A ore.	1,663	6'0	...	...	2'4	160'0	0'6	...	0'6	7'2	45'1	0'6	4'8	31'9	23'5	18'6	0'6	5'4	2'9	61'9	823'2	34'79	13'3	19'2	28'9	
		...	...	...	...	1'80	...	...	0'60	...	0'60	0'60	...	...	...	...	0'60	...	...	...	...		5'41	...	...	...
B and abad	214	46'7	...	...	14'0	140'3	...	14'0	4'7	56'1	28'0	...	...	32'7	...	51'4	...	18'7	18'7	172'9	1,285'0	49'38	51'4	37'4	84'1	
		...	...	...	...	...	...	...	...	4'67	...	...	...	...	...	...	...	...	...	...	...		9'35	...	...	...
B abad	1,565	...	...	0'6	0'6	275'4	...	...	3'2	8'3	38'3	1'9	3'2	40'3	41'1	45'6	0'6	1'9	17'9	101'6	1,180'2	64'8	5'8	14'1	81'8	
		...	...	...	...	...	...	...	...	...	0'64	...	0'64	...	0'64	...	...	...	...	...	...		7'03	...	...	...
	538	16'7	1'9	...	11'2	24'2	...	1'9	1'9	...	11'2	1'9	...	24'2	3'7	31'6	...	5'6	14'9	22'3	632'0	33'66	9'3	3'7	9'3	
		...	1'86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		3'72	...	...	...
	14	142'9	...	...	...	71'4	...	...	...	...	...	...	...	...	...	...	...	...	...	142'9	428'6	5'71	...	71'4	71'4	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
	4,243	24'3	...	3'5	11'1	163'5	1'0	...	3'1	...	24'7	1'6	3'1	28'3	19'1	36'0	0'9	0'7	7'5	61'2	700'3	57'65	11'1	14'1	37'0	
		0'24	...	0'24	0'71	0'24	...	...	...	...	...	0'24	0'94	0'24	0'24	...	0'24	...	...	...	...		4'71	...	...	...
	2,393	2'1	1'3	5'4	1'7	211'9	0'4	0'4	2'1	...	21'7	1'3	2'9	28'4	9'2	35'9	1'3	1'7	7'1	74'0	7'0'1	37'97	17'1	14'2	42'6	
		...	1'25	...	...	...	...	...	...	...	...	0'42	...	...	...	...	...	...	...	...	...		2'51	...	...	...
gar	836	...	...	4'7	5'8	111'0	8'2	...	9'3	1'2	38'6	...	2'3	38'6	4'0	12'9	2'3	4'7	70'1	101'6	979'0	36'47	22'2	26'9	52'6	
		...	...	1'17	...	...	...	...	1'17	...	...	...	...	...	...	...	...	...	...	...	...		3'50	...	...	...
IX.—	11,496	12'2	0'3	2'9	6'1	177'8	1'2	0'4	3'0	3'3	29'3	1'3	3'0	31'1	19'6	33'5	1'0	2'6	16'7	73'2	824'3	48'30	13'5	15'8	43'8	
		0'09	0'35	0'17	0'26	0'35	...	...	0'09	0'09	0'26	0'17	0'52	0'09	0'17	...	0'17	...	...	...	...		4'61	...	...	...

TABLE III—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS	Average annual strength.	1. ADMISSION RATE.											2. DEATH-RATE.											
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	
Colaba . . . . .	1,873	263'2	4'8	1'1	2'1	374'3	5'9	8'5	8'5	2'1	39'5	6'4	19'8	5'1	30'4	90'2	2'1	2'7	24'6	27'5	2,026'2	124'48	63'0	
		1'07	1'60	...	...	1'07	...	...	...	0'53	1'60	1'60	2'67	2'14	2'14	...	...	...	...	22'42	...	...		
Cannanore . . . . .	58	275'9	...	...	...	51'7	...	...	...	...	34'5	...	...	34'5	...	86'2	...	...	69'0	103'4	1,655'2	50'03	34'5	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Calicut . . . . .	24	166'7	...	...	...	41'7	...	...	...	...	...	...	125'0	41'7	41'7	...	41'7	...	333'3	1,541'7	53'75	...		
		41'67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41'67	...	...		
GROUP X.— WESTERN COAST.	1,935	262'4	4'6	1'0	2'0	360'6	5'6	7'7	8'2	2'0	38'9	6'1	18'9	57'3	29'7	89'5	2'0	3'1	25'6	275'2	2,009'2	121'59	61'4	
		1'53	1'53	...	...	1'02	...	...	...	0'51	1'53	1'53	2'56	2'05	2'05	...	...	...	...	21'9	...	...		
A																								
Bellary . . . . .	122	32'8	...	8'2	...	196'7	...	8'2	...	...	123'0	...	...	8'2	16'4	24'6	...	...	...	121'1	868'9	36'80	8'2	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8'20	...	...	
Ramandroog . . . . .	48	...	...	...	...	83'3	...	...	...	...	20'8	...	20'8	41'7	...	20'8	...	...	20'8	208'3	604'2	29'17	62'5	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bangalore . . . . .	2,568	5'8	...	1'7	6'2	123'1	...	...	3'5	0'8	39'3	1'6	3'5	26'9	41'7	9'7	0'4	2'7	6'2	127'3	790'5	53'75	26'5	
		...	...	0'39	1'36	0'39	...	...	...	...	0'39	...	0'39	0'39	...	...	0'39	...	...	...	5'84	...	...	
B																								
Madras and St. Thomas' Mount.	358	...	...	...	5'2	28'4	...	...	5'2	20'6	20'6	...	2'6	12'9	7'7	15'5	...	...	...	162'4	1,018	29'51	43'8	
		...	...	...	2'58	2'58	...	...	2'58	...	...	...	...	...	...	...	...	...	...	...	10'31	...	...	
GROUP XI.— SOUTHERN INDIA.	3,126	6'1	...	4'2	5'8	113'6	...	0'0	3'5	3'2	40'0	1'3	3'5	24'6	35'8	11'2	0'3	2'2	5'4	133'1	822'1	49'70	28'	
		...	...	0'32	1'60	0'64	...	...	...	0'32	0'32	...	0'32	0'32	...	...	0'32	...	...	...	6'40	...	...	
Ranikhet and Chaubuttia.	187	48'1	...	...	...	95'3	5'3	...	...	...	5'3	5'3	5'3	48'1	5'3	21'4	...	48'1	5'3	37'4	727'3	46'5	...	
		...	...	...	...	...	...	...	...	...	...	...	5'35	...	...	...	...	...	...	...	10'70	...	...	
Chakrata . . . . .	240	...	...	...	...	158'3	8'3	4'2	...	...	8'3	...	8'3	41'7	25'0	33'3	4'2	20'8	...	95'8	925'0	87'29	8'3	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Lebong . . . . .	43	...	...	...	...	41'7	...	...	...	...	20'8	...	...	...	...	20'8	...	...	...	3'2'5	708'3	58'75	29'2	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2'83	20'83	...	20'83	
Solon . . . . .	85	...	...	...	...	552'9	...	...	...	...	23'5	...	...	35'3	...	94'1	...	23'5	...	23'5	1,094'1	33'41	...	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dagshai . . . . .	439	82'0	...	...	6'8	754'0	2'3	...	1'7	...	3'1	2'3	2'3	86'6	2'3	95'7	...	1'59	6'8	29'6	1,626'4	48'50	6'8	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Subathu . . . . .	144	...	...	...	...	76'4	...	...	34'7	...	6'9	...	...	48'6	20'8	48'6	...	...	132'8	34'7	1,777'8	69'58	...	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Jutogh . . . . .	495	...	...	...	2'0	78'8	2'0	...	...	...	8'1	...	4'0	8'1	2'0	26'3	...	2'0	101'0	50'5	416'2	22'81	8'1	
		...	...	...	...	...	...	...	...	...	...	...	...	2'02	...	...	...	...	...	...	6'06	...	...	
Kuldana . . . . .	18	...	...	...	...	1,166'7	...	...	...	...	55'6	...	...	...	...	...	...	...	...	...	55'6	2,166'7	62'22	...
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Camp Gharial.	102	10'0	...	...	10'0	380'0	5'0	10'0	...	...	20'0	...	10'0	30'0	60'0	5'0	...	...	...	10'0	1,210'0	110'40	...	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2'00	...	...	
Camp Barian and Khairagali.	172	...	...	...	5'8	127'9	11'6	...	...	...	5'8	5'8	...	...	...	23'3	...	...	17'4	75'6	424'4	134'01	40'7	
		...	...	...	...	5'81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5'31	...	...	
Khao Spar and Ghosa Dhaka.	90	...	...	...	...	200'0	...	...	11'1	22'2	22'2	...	...	...	11'1	11'1	33'3	11'1	...	22'4	877'8	35'67	...	
		...	...	...	...	...	...	...	...	11'11	...	...	...	...	...	...	...	...	...	...	11'11	...	...	

ONS PS.	Average annual strength.	1. ADMISSION RATE.													2. DEATH RATE.										
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancre.	Gonorrhoea.
17	...	...	...	...	1,705.9	235.3	58.8	...	...	...	...	...	117.6	...	58.8	...	...	...	58.8	2,882.4	328.24	...	...	58.8	
	54.5	...	2.1	4.2	256.6	...	0.5	5.2	...	14.5	2.1	4.2	20.1	9.9	14.0	0.5	4.7	14.5	73.8	58.82	38.06	9.4	20.8	43.6	
	1.56	...	8.9	4.5	80.4	...	...	...	4.5	120.5	13.4	1.04	4.5	98.2	17.9	22.3	0.52	4.2	4.5	8.43	758.9	130.36	3.7	13.4	17.9
	224	...	...	...	4.46	...	...	...	...	8.03	...	4.46	...	...	...	...	4.46	...	...	22.32	951.3	40.6	...	...	...
	116	...	...	8.6	8.6	155.2	146.6	...	...	6.3	17.2	8.6	34.5	34.5	43.1	...	25.9	...	...	69.7	8.62	...	...	...	...
4,300	35.1	...	1.6	3.7	266.0	7.7	0.5	5.6	0.9	21.4	2.8	4.0	37.0	11.6	30.5	0.9	9.8	13.7	63.3	871.4	57.50	12.1	18.6	32.1	
	0.70	...	...	...	0.70	...	...	...	...	0.93	...	1.16	...	...	...	0.47	...	...	0.23	7.91	...	0.23	...	...	
58	...	...	...	24.5	155.2	...	...	...	...	...	...	...	34.5	...	34.5	...	51.7	17.2	...	51.7	50.6	...	...	...	
	...	...	...	...	17.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.2	...	...	...	...	
59	...	...	...	33.9	101.7	...	16.9	...	...	101.7	...	...	33.9	30.8	16.9	...	...	...	33.9	1,067.8	70.51	...	...	33.9	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
55	18.2	...	...	18.2	490.9	15.2	...	...	...	18.2	18.2	54.5	36.4	54.5	...	18.2	72.7	1,672.7	8.18	64.91	18.2	18.2	36.4		
	...	...	...	...	...	...	...	...	...	18.18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1.5	...	...	...	...	72.7	...	24.2	...	...	6.1	...	18.2	6.1	12.1	...	18.2	24.2	721.2	...	77.09	...	6.1	18.2		
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
2.7	...	...	...	...	481.5	109.7	...	...	...	6.7	...	13.5	6.7	60.6	...	6.7	...	16.8	1,064.0	3.37	54.58	3.4	...	13.5	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
174	...	...	...	17.2	327.6	5.7	...	5.7	11.5	17.2	...	5.7	11.5	...	23.0	...	5.7	...	46.0	912.5	64.31	5.7	23.0	17.2	
	...	...	...	...	5.75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.75	...	...	...	...	
14	...	...	...	...	446.8	14.2	...	...	...	7.1	...	14.2	...	21.3	...	...	...	42.6	1,652	...	31.84	14.2	...	28.4	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
38	...	...	...	...	210.5	...	26.3	...	52.6	...	...	...	...	...	...	...	...	...	26.3	684.2	19.21	...	...	26.3	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26.32	...	...	...	...	
57	...	...	...	...	35.1	...	...	...	...	...	...	35.1	17.5	35.1	...	17.5	...	52.6	333.3	...	10.53	...	35.1	17.5	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
50	...	...	...	...	300.0	...	40.0	...	160.0	40.0	...	60.0	2.0	...	...	...	20.0	20.0	1,140.0	...	41.20	20.0	...	...	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
694	21.6	...	...	5.8	167.1	...	2.9	1.4	1.4	21.6	1.4	4.3	20.2	10.1	25.9	...	4.3	5.8	31.7	641.2	53.89	14.4	8.6	8.6	
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1,808	8.8	...	...	6.6	253.3	19.9	1.7	5.0	1.7	21.6	1.7	2.8	20.5	9.4	29.3	...	5.5	5.5	31.0	803.6	53.14	8.8	7.7	14.4	
	...	...	...	6.55	0.55	...	...	...	...	0.55	...	...	...	...	...	...	...	...	...	2.77	...	...	...	...	

TABLE III—concluded.

RATIOS of STATIONS, GROUPS and ARMIES.

STATIONS AND ARMIES.	Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE.						3. CONSTANTLY SICK.					
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.
Troops marching	290	...	...	...	...	58.6	6.9	10.3	...	...	...	10.3	6.9	10.3	10.3	...	...	...	...	10.3	251.7	1.69	...
		...	...	...	...	3.45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.90		...
Deolali Depôt	4,418	38.4	0.2	3.4	1.3	208.9	0.4	1.8	2.2	...	34.6	0.4	5.4	14.6	26.1	28.8	0.4	0.4	0.4	122.3	992.1	117.41	35.3
		0.22	0.22	...	0.22	1.57	...	...	...	...	...	...	2.25	0.22	0.45	...	0.22	...	...	...	7.19		...
Poonamallee Depôt	131	...	...	...	7.6	15.3	...	...	7.6	...	15.3	...	7.6	7.6	7.6	22.9	...	...	...	122.1	564.9	417.56	76.3
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.63		...
INDIA	56,561	23.2	0.4	3.1	4.5	2.7.8	51.5	1.2	3.8	7.4	26.7	1.5	5.1	32.5	14.2	31.1	0.9	4.0	11.5	87.6	972.1	57.39	18.1
		0.25	0.19	0.34	0.44	0.74	...	...	0.02	0.74	6.39	0.18	0.92	0.30	0.28	...	0.19	0.04	...	0.12	7.74		...	0.12
NORTHERN ARMY	25,744	14.1	0.2	3.1	4.7	248.9	113.3	1.0	3.7	14.2	21.8	1.1	5.0	35.2	7.4	31.3	0.8	5.9	11.8	72.9	1,054.3	52.39	13.5
		0.16	0.08	0.52	0.44	0.72	...	...	...	1.52	0.44	0.12	0.88	0.32	0.20	...	0.12	0.08	...	0.04	8.39		...	0.04
SOUTHERN ARMY	31,227	34.3	0.5	2.7	4.5	194.3	2.3	1.3	3.8	1.9	30.9	1.8	5.2	30.6	19.7	31.1	0.9	2.6	11.4	100.1	912.8	61.91	22.0
		0.32	0.29	0.19	0.45	0.74	...	...	0.03	0.13	0.35	0.22	0.96	0.29	0.35	...	0.26	...	...	...	7.24		...
Meerut*	1,424	0.71	...	0.49	1.06	4.09	0.67	0.16	0.34	0.37	1.83	0.11	0.77	1.30	0.42	1.58	0.39	0.63	0.33	18.83	66.40	66.40	3.65
Lahore Cantt.*	1,204	1.00	0.02	1.47	1.14	15.83	12.82	0.20	0.11	1.34	1.91	0.14	0.20	2.49	0.42	1.24	0.12	0.30	0.21	8.81	71.55	71.55	0.67
Rawalpindi*	2,267	5.70	0.03	0.08	2.08	34.51	12.08	0.00	0.01	2.66	0.07	0.01	0.01	0.38	5.78	0.12	0.04	0.03	0.02	13.27	84.98	84.18	3.10
Secunderabad*	1,565	0.10	...	0.03	0.10	11.96	...	...	0.23	0.67	2.41	0.47	0.31	1.63	3.27	1.41	0.24	0.12	0.10	15.22	64.82	64.82	1.27
Poona*	4,245	5.75	...	0.39	2.84	10.97	0.07	...	0.28	...	3.26	0.10	0.13	2.10	4.00	2.26	0.07	0.06	0.64	1.14	57.65	57.65	0.15
Colaba*	1,873	10.9	0.43	0.18	0.92	23.19	0.15	0.36	1.17	1.08	0.88	1.48	1.96	4.58	4.43	3.93	0.33	0.53	0.94	2.92	124.48	124.48	0.65
Deolali*	4,448	1.81	0.00	0.27	0.13	12.15	0.01	0.03	0.25	...	2.72	0.09	0.69	1.51	1.79	1.16	0.02	0.13	0.02	80.54	117.41	117.41	15.5

\* Constantly sick rate per 1,000 by diseases at the largest stations.

**TABLE IV.**

*TRACT of the CANTONMENT SANITARY REPORTS of the most UNHEALTHY STATIONS, and SANITARY DEFECTS.*

(The ratios of sickness and mortality will be found in Table III.)

**NOT AVAILABLE.**











EUROPEAN TROOPS, 1919.

TABLE XI.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.			
																									Y.	M.	D.	
ROYAL AIR FORCE.	91	Admitted	...	...	...	1	19	7	...	...	...	...	...	...	3	...	...	...	...	...	5	21	3'07	Risalpur, 1st January to 31st December, 1917.	2	0	0	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						2
quadron	40	Admitted	4	...	1	...	17	...	1	...	...	...	...	...	1	1	1	...	...	...	5	51	2'59	Quetta, April to 31st December, 1919.	0	9	0	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1						
quadron	83	Admitted	25	...	...	...	17	15	...	...	...	...	...	...	1	1	3	...	...	...	1	80	2'59					
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
quadron	25	Admitted	...	...	...	1	6	3	...	...	...	...	...	...	1	2	5	...	...	...	3	44	2'25	Ambala, 18th June to 25th September, 1919.	0	3	7	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1						
quadron	56	Admitted	1	...	...	1	24	20	...	...	...	2	3	...	2	1	1	...	...	...	4	90	4'08	Quetta, 1st January to 31st March, 1919, Ambala, 1st October to 31st December, 1919.	1	6	0	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2						
Park, Air, Lahore.	180	Admitted	...	...	...	2	61	179	...	1	8	8	...	...	11	1	9	...	...	1	19	326	16'45	Lahore, 1st January to 31st December, 1919.	1	7	0	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Royal Force.	19	Admitted	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	2	13	1'46					
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Air	494	Admitted	30	3	5	151	224	1	1	10	13	1	2	18	6	18	...	...	1	39	745	32'49						
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							6
VALRY.	263	Admitted	...	...	1	...	43	14	...	...	...	2	1	...	5	...	2	...	1	7	138	4'90	Risalpur, 1st January to 31st December, 1919.	2	1	8		
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						...	
Dragoons (Prince of Wales's).	8	Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	0'10	209	Sialkot, 17th December to 31st December, 1919. (Arrived from U. K. on 17th December, 1919.)	0	0	15
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.													All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.			
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.					Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
5th Lancers (Royal Irish).	27	Admitted	...	...	3	...	1	...	...	2	2	...	4	...	...	...	...	3	27	0'80	Risalpur, 1st December 1919 (Arrived from England).	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...	...
8th Hussars (King's Royal Irish).	20	Admitted	...	...	...	...	...	...	...	...	...	...	1	...	...	3	...	3	25	0'41	Lucknow, 12th December to 31st December 1919. (Arrived from England).	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1	...
18th Hussars (Queen Mary's Own).	22	Admitted	...	...	...	...	...	...	...	...	1	...	...	2	9	...	1	19	0'45	Secunderabad, 11th December to 31st December, 1919. (Arrived from England on 11th December 1919).		
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...	...	...
21st Lancers (Empress of India's).	499	Admitted	...	1	1	24	6	...	2	8	8	...	2	10	1	8	...	2	49	18'10	Meerut, 1st January to 31st December 1919.	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1	...
British Reserve Cavalry Regiment (India).	274	Admitted	...	4	...	34	7	...	1	9	...	1	6	4	1	...	2	25	9'91	...		
		Died	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...	3	...
Remount Training Depot, Neemuch.	98	Admitted	...	...	1	30	3	1	...	...	...	...	3	2	2	...	1	16	90	5'11	Ditto.	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...
Details Cavalry	48	Admitted	1	...	...	3	1	...	...	1	...	...	1	2	1	...	2	60	2'51	...		
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...	...	...
TOTAL—CAVALRY.	1,162	Admitted	1	9	2	135	31	1	4	9	23	1	4	29	11	25	1	6	106	984	43'29	...
		Died	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
ARTILLERY.																						
"C." Battery, Royal Horse Artillery.	18	Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6	0'17	Meerut, 24th November to 31st December, 1919. Delhi, 1st December to 31st December 1919.	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...	...
"H." Battery, Royal Horse Artillery.	8	Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	0'06	70	Sialkot, 22nd November, to 31st December 1919. (Arrived from U. K.)
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
"M." Battery, Royal Horse Artillery.	88	Admitted	...	...	...	13	6	...	...	1	...	...	3	...	...	...	2	41	1'65	Risalpur, 1st January to 31st December, 1919.		
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...	...	...
"O." Battery, Royal Horse Artillery.	11	Admitted	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	7	0'29	Risalpur, 23rd November, to 31st December 1919. (Arrived from U. K.)		
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...	...	...

Units	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonitis.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
																										Y	M.	D.
ARTILLERY																										
Battery, Horse Artillery.	173	Admitted Died Invalided	...	...	...	...	9	5	1	...	...	3	...	...	2	...	5	...	...	13	130	7'13	...	Meerut, 1st January to 30th November 1919, Detachment at Delhi, 1st January to 31st January 1919.	2 0 8	
Ammunition Column, Horse Artillery.	7	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0'05	...	Risali, 1st January to 31st December 1919.	10 9 0	
Ammunition Column, Horse Artillery.	16	Admitted Died Invalided	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	0'10	...	Meerut, 1st January to 31st December 1919.	1 9 0	
Battery, Field Artillery.	96	Admitted Died Invalided	...	...	...	1	42	17	...	1	...	1	...	...	2	...	4	...	...	...	2	93	3'28	...	Nowshera, 1st January to 31st December 1919.	15 11 0
Battery, Field Artillery.	8	Admitted Died Invalided	3	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	12	0'15	...	Quetta, 16th December to 31st December 1919.	0 0 16	
Battery, Field Artillery.	23	Admitted Died Invalided	...	...	...	...	3	1	...	...	...	1	...	...	1	...	...	...	...	...	22	1'44	...	...	...	
Battery, Field Artillery.	18	Admitted Died Invalided	...	...	...	4	4	1	...	...	...	...	...	...	1	...	3	...	...	...	4	30	1'31	115	Nowshera, 9th November to 31st December 1919. (Arrived Nowshera 9th November 1919.)	0 1 21
Battery, Field Artillery.	104	Admitted Died Invalided	...	...	...	2	25	10	...	1	...	...	...	...	3	...	2	...	...	...	4	72	3'32	...	Nowshera, 1st January to 31st December 1919.	15 11 0
Battery, Field Artillery.	8	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	5	0'12	...	Jubbulpore, 1st December to 31st December 1919. (Arrived from England on 1st December 1919.)	0 1 0
Battery, Field Artillery.	11	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	13	0'18	...	Kirkee, 21st November to 31st December 1919.	0 1 13	
Howitzer Battery, Royal Artillery.	140	Admitted Died Invalided	3	...	...	...	51	3	...	...	...	5	...	3	5	4	...	...	...	7	121	3'08	...	Rawalpindi, and Campbellpore different periods.	16 2 0	
Howitzer Battery, Royal Artillery.	106	Admitted Died Invalided	...	...	...	...	51	20	...	...	4	...	...	...	5	...	3	...	1	2	116	4'28	...	Peshawar, 1st January to 31st December 1919.	17 2 0	
Battery, Field Artillery.	108	Admitted Died Invalided	1	...	...	2	27	11	...	...	...	7	...	...	3	...	1	...	...	26	96	3'91	...	Rawalpindi, 1st January to 31st December 1919.	11 1 0	

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classifi- cation.	Influenza	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number con- stantly sick.	Arrivals in India in 1917.	Stations occupied during the year with dates of occupation, last move.
ARTILLERY— <i>contd.</i>																								
79th (Howitzer) Battery, Royal Field Artillery.	88	Admitted Died Invalided	...	...	...	...	38	86	...	...	1	...	...	2	5	...	3	...	...	10	167	4.44	...	Lahore, 1st January to 31st December 1919.
90th Battery, Royal Field Artillery.	96	Admitted Died Invalided	1	1	1	...	20	...	...	4	5	...	...	2	8	...	2	...	...	5	88	4.72	...	Rawalpindi, 1st January to 31st December 1919.
93rd " " "	11	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	8	0.20	...	Kirkee, 19th November to 31st December 1919.
94th " " "	10	Admitted Died Invalided	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...	13	0.24	95	Belgaum, 21st November to 31st December 1919. (Arrived from England).
95th " " "	12	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	1	10	0.16	...	Kirkee, 19th November to 31st December 1919.
101st " " "	112	Admitted Died Invalided	...	...	2	...	33	...	...	...	6	...	...	5	...	1	...	...	...	5	99	5.69	...	Hyderabad, 1st January to 11th May and 11th October to 30th December 1919.
102nd " " "	87	Admitted Died Invalided	3	...	...	...	72	...	1	1	...	...	...	...	...	5	1	...	...	6	125	5.66	...	Quetta, 1st January to 7th December 1919.
104th " " "	20	Admitted Died Invalided	...	...	...	...	4	2	...	...	1	...	...	1	...	...	...	...	...	4	30	1.76	...	Lahore . . .
105th " " "	19	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	21	0.52	104	Jullundur, 5th November to 31st December 1919. (Arrived from England).
106th " " "	10	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	12	0.31	...	Ferozepore . . .
110th " " "	10	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	9	0.15	...	Jubbulpore, 1st December to 31st December 1919. (Arrived from U. K.).
111th " " "	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	3	6	0.14	...	Jubbulpore, 1st December to 31st December 1919. (Arrived from U. K. on 1st December 1919.)

TABLE XL  
STATISTICS OF SICKNESS  
1919

RPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandyly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
			Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided
ERY— 1st Battery, Field Y.	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	0'27	...	Kapmtee, 5th December to 31st December 1919. (Arrived from U. K. on 5th December 1919).	Y. M. D. 0 0 26
"	10	Admitted Died Invalided	...	...	...	...	7	...	...	...	...	...	...	...	...	1	...	...	...	...	...	17	0'40	128	Jhansi, 4th December to 31st December 1919. (Arrived from England on 4th December 1919).	0 0 28
"	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	0'19	...	Cawnpore, 1st December to 31st December 1919. (Arrived from England on 1st December 1919).	0 1 0
"	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	0'11	109	Nasirabad, 1st December to 31st December 1919. (Arrived from England on 1st December 1919).	0 1 0
"	14	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	0'32	87	Nowshera, 1st November to 31st December 1919.	0 2 0
"	16	Admitted Died Invalided	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	1	...	...	...	3	1'03	102	Nowshera, 6th November to 31st December 1919. (Arrived from England on 6th November 1919).	0 1 25
"	10	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	0'54	...	Peshawar.	...
"	13	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0'22	...	Rawalpindi, 25th November to 1st December 1919.	0 0 7
"	9	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	0'44	...	Rawalpindi, 26th November to 31st December 1919.	0 1 5
"	9	Admitted Died Invalided	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0'24	...	Campbellpore, 26th November to 31st December 1919.	0 1 5
"	11	Admitted Died Invalided	...	...	...	...	5	...	...	...	...	...	...	...	...	1	...	...	...	...	...	12	0'54	...	Rawalpindi, 26th November to 31st December 1919.	0 1 5

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-Pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.
ARTILLERY— <i>contd.</i>																								
134th Battery, Royal Field Artillery.	8	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	11	0'39	Hyderabad, 5th December to 31st December 1919.
165th " "	10	Admitted Died Invalided	...	...	...	...	5	...	...	...	...	...	1	...	...	...	...	...	...	...	9	0'25	Jhansi, 4th De- cember to 31st December 1919. (Arr- ved from U. K. on 4th De- cember 1919.)	
166th " "	6	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	0'19	Meerut, 16th December to 31st Decem- ber 1919.	
1089th " "	161	Admitted Died Invalided	1	...	3	34	12	...	...	...	7	1	5	8	3	...	4	14	...	145	7'97	Jubbulpore, 1st January to 12th October 1919. Demobilized on 12th October 1919.		
1091st " "	89	Admitted Died Invalided	...	...	3	29	59	...	1	1	...	6	...	3	...	1	5	...	93	4'43	Lahore, 1st Janu- ary to 31st De- cember 1919.			
1093rd " "	91	Admitted Died Invalided	...	...	...	19	10	...	1	...	...	8	...	...	...	...	1	...	92	4'38	Jullundur, 3rd January to 15th October 1919. Left India on 15th October 1919.			
1094th " "	135	Admitted Died Invalided	...	1	...	43	80	...	1	3	...	1	10	4	...	...	6	...	276	11'19	Ferozepore, 1st January to 14th October 1919. Left for Eng- land on 14th October 1919.			
1096th " "	99	Admitted Died Invalided	...	3	...	40	7	...	4	...	1	2	2	2	2	...	7	...	100	4'61	Ambala, 7th January to 16th October 1919. Lucknow 1st July to 6th October 1919.			
1097th " "	165	Admitted Died Invalided	...	...	2	25	3	...	11	1	1	2	2	3	...	1	4	...	166	4'71	Mhow, 1st Janu- ary to 15th October 1919. Jullundur 8th October to 14th November 1919.			
1098th " "	194	Admitted Died Invalided	...	4	...	30	...	...	2	...	1	7	1	4	...	1	13	...	120	7'34	Kiikee, 1st Janu- ary to 12th November 1919			

No.	Average annual strength.	Classification.	Diseases.														All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.						Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
ERY— BATTERY, FIELD CO.	192	Admitted	...	...	...	...	34	...	...	...	...	3	...	4	11	8	...	14	135	7'57	Secunderabad, 1st January to 18th October 1919. Left for England on 18th October 1919.	4 9 9
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	7	...	...	...	...	3	...	...	3	...	...	...	16			
" "	70	Admitted	...	...	...	...	2	3	1	...	6	...	2	1	...	6	...	12	83	5'42	Delhi, 1st February to 31st March 1919, Meerut 1st April to 4th July 1919.	4 3 26
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2			
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1				
" "	96	Admitted	...	...	1	...	36	...	...	2	...	15	...	...	...	...	1	3	88	7'09	Hyderabad, 1st January to 11th May 1919 and 11th October to 14th November 1919.	3 1 21
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	2	...	11	...	...	...	...	...	...	15				
" "	35	Admitted	...	1	...	...	15	5	...	1	...	...	...	...	...	...	...	...	31	1'86	Nowshera, 1st January to 31st December 1919.	15 0 0
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
" "	25	Admitted	...	3	...	...	4	...	...	...	...	...	12	1	...	...	...	1	25	1'10	Rawalpindi, 1st January to 31st December 1919.	13 0 0
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2				
" "	39	Admitted	...	...	...	...	10	...	...	...	3	...	...	...	...	...	1	...	20	0'95	Hyderabad, 1st January to 11th May and 11th October to 31st December 1919.	14 7 2
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	3				
" "	31	Admitted	...	...	1	...	2	...	...	...	1	...	1	2	...	...	1	1	16	1'19	Amritsar, 1st January to 31st December 1919.	16 10 0
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1				
" "	77	Admitted	...	...	...	...	6	8	...	...	...	...	1	4	3	2	...	4	58	2'39	Jubbulpore, 12th May to 31st December 1919, Peshawar, 1st January to 31st December 1919.	1 11 27
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1			
		Invalided	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	4				
" "	89	Admitted	...	5	1	...	9	1	...	...	1	3	...	6	...	1	1	13	87	3'69	Lucknow, 1st January to 23rd October 1919, Jubbulpore, 13th May to 22nd December 1919. Disbanded.	1 11 22
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	...	...	2	...	3	...	...	...	...	7				
" "	88	Admitted	...	1	...	...	22	3	...	...	9	1	2	1	2	3	...	2	151	5'54	Barrackpore, 1st January to 31st December 1919. Detachments at Meerut, Barrackpore and Jubbulpore. Different periods.	1 11 0
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	...	...	4	...	3	...	1	...	...	14				

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.														Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.				
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.				Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.
ARTILLERY— contd.																							
No. 4 Special Section, Royal Field Artillery.	34	Admitted Died Invalided	...	...	...	...	5	...	...	...	...	2	...	1	3	1	2	...	3	26	1'44	...	Kirkee, 1st January to 31st December 1919.
" 3 " "	33	Admitted Died Invalided	...	...	...	...	11	...	...	...	2	4	...	3	1	2	...	8	48	2'16	...	Secunderabad, 1st January to 31st December 1919.	
" 6 " "	24	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	3	8	0'15	...	Madras, 1st January to 31st December 1919.	
No. 2 Bullock Battery, Royal Field Artillery.	5	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	4	0'71	...	Lucknow, 1st January to 24th January 1919. Disbanded on 24th January 1919.	
Royal Garrison Artillery— No. 1 British Mountain Battery.	73	Admitted Died Invalided	2	...	1	...	3	...	1	...	...	1	2	...	1	...	1	6	30	1'82	...	Quetta, 1st January to 31st December 1919.	
" 2 " "	58	Admitted Died Invalided	...	...	...	...	25	...	...	...	2	...	1	...	6	...	1	8	78	3'21	...	Jutogh, 26th April to 30th November 1919. Disbanded on 30th November 1919.	
" 3 " "	57	Admitted Died Invalided	...	...	1	...	47	6	...	...	4	...	1	...	1	...	...	5	92	2'81	...	Rawalpindi, 1st January to 31st December 1919.	
" 4 " "	67	Admitted Died Invalided	...	...	1	...	21	1	...	...	1	...	...	...	...	...	...	9	96	1'82	...	Ditto.	
" 5 " "	55	Admitted Died Invalided	...	...	...	...	5	...	...	...	...	...	1	...	...	...	...	5	24	1'24	...	Jutogh, 26th April to 30th November 1919. Disbanded on 30th November 1919.	
" 6 " "	56	Admitted Died Invalided	...	...	...	...	36	21	...	...	3	...	5	...	...	...	...	1	90	3'98	...	Peshawar, 1st January to 31st December 1919.	

TABLE X  
MEDICAL RECORDS OF REGIMENTS  
ARRIVAL AND DEPARTURE

Regiment	Average annual strength.	Classification.	Diseases													All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.					
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.						Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
5 Bat-		Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	0'15	...	Jutogh, 26th April to 30th November 1919, Delhi 13th December to 31st December 1919. Disbanded.	V. M. D 6 7 24
82		Admitted Died Invalided	...	...	...	...	13	1	1	1	...	1	1	...	...	...	...	1	...	43	1'67	...	Peshawar, 1st January to 31st December 1919	34 0 0	
86		Admitted Died Invalided	4	...	...	...	8	...	...	...	1	1	1	...	...	...	...	9	57	2'61	...	Qotla, 1st January to 31st December 1919.	35 0 0		
12		Admitted Died Invalided	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	11	0'33	145	Multan, 1st December to 31st December 1919 (Arrived from England on 1st December 1919).	0 1 0		
13		Admitted Died Invalided	...	...	...	...	3	...	...	...	1	3	...	...	...	...	...	...	16	0'61	146	Multan, 28th November to 31st December 1919. (Arrived from England on 28th November 1919).	0 1 3		
13		Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	0'06	...	Nongong, 4th December to 31st December 1919.	0 0 28		
9		Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	7	0'11	...	Rurki.			
10		Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	5	18	0'40	...				
10		Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	0'24	...	Peshawar.			
13		Admitted Died Invalided	1	...	...	...	...	...	...	...	1	1	3	1	...	...	3	19	0'56	...	Colaba.				
93 ay		Admitted Died Invalided	6 1	...	...	...	5	...	...	1	2	1	1	...	...	...	1	34	1'42	...	Allahabad, 1st January to 31st December 1919.	20 11 0			

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	
Royal Garrison Artillery:—																									
" 52 "	74	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	19 ... 6	... ... ...	... ... ...	... ... ...	... ... ...	3 ... 3	... ... ...	... ... ...	6 ... 1	1 ... ...	4 ... ...	... ... ...	... ... ...	6 ... ...	100 1 23	3'40	...	Calcutta, 1st January to 31st December 1919.	
" 60 (Heavy) Battery.	69	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	4 ... ...	52 ... 2	1'69	...	Rurki, 1st January to 12th September 1919.	
" 61 Company	71	Admitted Died Invalided	9 ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	9 ... 1	56 ... 1	2'12	...	Colaba, 1st January to 31st December 1919.	
" 64 "	88	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	1 ... 1	... ... 1	4 ... 2	... ... ...	... ... ...	9 ... 3	2 ... 1	3 ... ...	... ... ...	... ... ...	10 ... ...	100 ... 9	5'60	...	Rangoon, 1st January to 31st December 1919.	
" 68 (Heavy) Battery.	71	Admitted Died Invalided	2 ... 1	1 ... ...	... ... ...	... ... ...	4 ... ...	1 ... ...	... ... ...	... ... 1	1 ... 1	4 ... 3	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	8 ... 7	68 1 7	1'95	...	Cawnpore, 1st January, to 20th June 1919; Rurki, 30th June to 31st December 1919.	
" 70 Company.	74	Admitted Died Invalided	1 ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	4 ... ...	28 ... 2	1'70	...	Karachi, 1st January to 31st December 1919.	
" 73 "	79	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	9 ... ...	2 ... ...	... ... ...	... ... ...	2 ... ...	1 ... 1	... ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	52 ... 2	2'61	...	Amritsar, 1st January to 31st December 1919.	
" 74 "	87	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	57 23 ...	1 ... ...	... ... ...	... ... ...	... ... 2	5 ... 2	... ... ...	... ... ...	1 ... ...	2 ... ...	3 ... ...	... ... ...	... ... ...	3 ... ...	133 ... 6	5'14	...	Agra, 1st January to 31st December 1919. Detachment to Delhi 1st January to 31st December 1919.	
" 75 "	94	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	24 ... 1	... ... ...	... ... ...	1 ... ...	... ... ...	4 ... 1	... ... ...	... ... ...	7 ... 1	6 ... 1	3 ... ...	... ... ...	... ... ...	5 ... ...	112 ... 7	6'40	...	Rangoon, 1st January to 31st December 1919.	
" 76 "	74	Admitted Died Invalided	10 ... ...	1 ... ...	... ... ...	... ... ...	12 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... 1	1 ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	13 1 4	76 ... 4	4'86	...	Colaba, 1st January to 31st December 1919.

No.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
arrison any	75	Admitted Died Invalided	6 ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	66 1 2	3'13	Colaba, 1st January to 31st Decem- ber 1919.	18 1 0	
	105	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	46 ... 1	44 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	158 1 3	6'78	Ferozepore, 1st January to 31st December 1919.	17 10 0	
	72	Admitted Died Invalided	3 ... ...	... ... ...	... ... ...	... ... ...	33 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	5 ... 4	... ... ...	... ... ...	... ... ...	... ... ...	100 ... 11	5'46	Rawalpindi, 1st January to 31st December 1919.	17 2 0	
	73	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... 1	... ... ...	... ... ...	... ... ...	... ... 1	25 2 2	1'31	Karachi, 1st January to 31st December 1919.	15 11 0	
al Ar- raining	151	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	19 ... 5	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	15 2 22	8'63	Jubbulpore, 1st January to 25th October 1919. Disbanded on 25th October 1919.	1 6 27	
al Ar- raining	177	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	24 ... 4	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... 23	4'59	Ditto.	1 6 27	
al Ar- raining	125	Admitted Died Invalided	2 ... 1	... ... ...	... ... ...	... ... ...	5 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	75 1 17	3'84	Jubbulpore, 1st January to 30th Septem- ber 1919. Disbanded.	1 6 2	
al Ar- Train- ct.	174	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	3 ... 7	2 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	5 ... 19	3'53	Neemuch, 1st January to 31st August 1919.	1 5 0	
illery Dina-	12	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	0'27			

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Diseases														All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.			
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.					Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
Royal Artillery Depot, Rurki.	25	Admitted Died Invalided	...	...	...	...	2	...	...	1	...	...	...	1	...	...	...	...	...	22	0.46	1st January to 31st December 1919.	
Royal Artillery Depot, Jubbul-pore.	126	Admitted Died Invalided	...	...	...	...	13	1	...	...	4	1	...	4	5	1	...	2	5	94	4.55	...	
Royal Artillery Depot, Secun-derabad.	7	Admitted Died Invalided	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	1	7	0.56	1st January to 31st August 1919.	
Royal Artillery Depot, Kirkee.	85	Admitted Died Invalided	...	...	...	1	12	...	...	...	5	2	...	3	2	1	...	...	8	56	2.81	1st January to 31st December 1919.	
Royal Artillery Depot, Ahm-ednagar.	47	Admitted Died Invalided	...	...	...	...	3	1	...	...	4	...	...	2	1	...	...	...	6	48	1.56	1st January to 31st December 1919.	
Royal Artillery Depot, Bel-gaum.	31	Admitted Died Invalided	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	9	0.61	1st January to 7th November 1919.	
Royal Artillery Depot, Ambala.	241	Admitted Died Invalided	...	...	...	1	46	23	...	2	...	5	1	4	6	9	8	1	1	23	217	11.82	1st January to 31st December 1919.
Royal Artillery Boys Depot.	37	Admitted Died Invalided	...	...	...	...	6	...	...	...	...	...	...	1	...	1	...	...	...	32	...	1.88	Nowshera, 1st January to 31st December 1919. Khans Pur, 12th May to 17th October 1919.
Details Royal Artillery.	781	Admitted Died Invalided	7	...	2	3	146	8	1	1	7	12	...	3	12	4	18	...	54	491	20.74	...	
Total Royal Artillery.	7,184	Admitted Died Invalided	83	1	22	24	1,515	490	8	17	47	204	8	37	241	99	159	5	27	506	6,371	28.60	...

Ranks.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India	
			Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Y. M. D.
ALL OFFICERS.																										
Field Artillery.	53	Admitted Died Invalided	...	...	...	1	14	...	...	12	...	...	...	...	...	...	3	...	1	7	107	2	6'64	Rawalpindi, 1st January to 31st December 1919.	3 0 0	
Service Company.	898	Admitted Died Invalided	18	...	...	7	89	...	...	2	16	...	2	26	15	29	...	...	...	83	623	4	45'53	Poona, 1st January to 31st December 1919.	3 0 0	
Cavalry Signal	13	Admitted Died Invalided	...	...	...	...	8	2	...	...	...	...	...	...	...	...	1	...	...	...	15	...	0'33	Risalpur, 1st January to 31st December 1919.	1 0 0	
Electrical and Mechanical	3	Admitted Died Invalided	2	...	...	...	...	...	...	...	1	...	...	...	3	...	...	...	...	...	41	1	0'92	Rawalpindi, 5th September to 31st December 1919.	0 3 26	
Divisional Signal	39	Admitted Died Invalided	2	...	...	...	8	...	...	...	1	...	...	...	...	...	...	...	...	2	21	...	1'52	Quetta, 1st January to 31st December 1919.	3 0 0	
Divisional Signal	64	Admitted Died Invalided	...	...	...	...	11	...	...	1	3	...	...	1	1	2	...	...	...	3	47	8	2'45	Secunderabad, 1st January to 31st December 1919.	1 0 0	
Divisional Signal	36	Admitted Died Invalided	...	...	...	...	9	3	...	...	2	...	...	1	...	...	...	...	...	3	23	1	1'07	Peshawar, 1st January to 31st December 1919.	3 0 0	
Divisional Signal	30	Admitted Died Invalided	...	...	...	...	2	...	...	...	1	...	...	...	...	2	1	...	...	...	29	...	1'94	Rawalpindi, 1st January to 31st December 1919.	2 2 0	

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.																Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.		
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.				Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.
No. 46, Divisional Signal Company.	27	Admitted	...	...	...	...	4	16	...	...	...	...	...	1	...	...	...	...	5	27	1'26	Lahore	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2			
No. 47, Divisional Signal Company.	13	Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	0'04	Jubbulpore, 1st January to 8th November 1919.	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Details Royal Engineers.	700	Admitted	2	1	2	1	76	...	1	2	2	17	1	4	13	23	9	...	2	88	488	33'54	...
		Died	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	4		
		Invalided	2	...	...	4	36	...	...	3	1	21	1	...	5	41	...	...	...	...	163		
Total Royal Engineers.	1,876	Admitted	24	1	3	9	221	15	1	4	15	36	2	6	47	38	47	1	3	191	1,424	95'24	...
		Died	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	12		
		Invalided	2	...	...	4	48	...	...	4	2	25	1	...	9	43	...	...	...	...	276		
MACHINE GUN CORPS.																							
3rd Machine Gun Section.	25	Admitted	...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	...	...	2	25	0'79	Risalpur, 30th October to 31st December 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
3rd Motor Machine Gun Squadron.	56	Admitted	1	...	...	1	3	4	...	...	...	...	...	...	1	1	...	...	...	1	27	1'37	Ambala, 1st January to 30th November 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
		Invalided	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2		
4th Machine Gun Squadron.	17	Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	56	1'21	Meerut, 25th November to 31st December 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
5th Machine Gun Corps.	9	Admitted	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	14	0'31	Kamptee, 5th December to 31st December 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		

No.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
																									Y. M. D.
Machine Corps.	89	Admitted Died Invalided	...	...	...	...	3	...	...	...	...	1	...	...	1	...	3	...	...	9	49	1'19	...	Cawnpore, 18th November to 31st December 1919. (Arrived from England on 18th November 1919.)	0 1 13
Machine Corps.	94	Admitted Died Invalided	...	...	...	1	4	1	...	...	...	3	...	...	2	1	2	...	...	20	110	3'46	...	Jubbulpore, 22nd November to 31st December 1919. (Arrived from England on 22nd November 1919.)	0 1 9
Motor Gun Squadron.	44	Admitted Died Invalided	1	...	...	...	4	...	...	...	...	...	...	...	1	...	...	...	1	2	31	1'09	...	Jubbulpore	...
Motor Gun Squadron.	43	Admitted Died Invalided	...	...	...	...	7	...	...	...	...	5	...	...	...	...	...	...	...	...	18	1'26	...	Peshawar, 1st January to 31st December 1919.	1 11 24
Machine Corps.	50	Admitted Died Invalided	...	...	...	...	20	9	...	...	...	...	...	...	...	...	...	...	1	2	53	1'58	...	Risalpur, 4th February to 31st October 1919.	0 8 25
Motor Gun Squadron.	39	Admitted Died Invalided	...	...	...	...	10	...	...	...	...	1	...	...	1	...	1	...	...	1	26	1'04	...	Quetta, 1st January to 30th November 1919.	0 11 0
Machine Squadron.	54	Admitted Died Invalided	5	1	...	...	6	...	...	1	...	...	...	...	1	1	2	...	1	3	33	2'36	...	Risalpur, 1st January to 4th February 1919. Quetta, 1st April to 30th November 1919.	0 9 4
Motor Gun Squadron.	27	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	1	5	...	5	...	...	26	1'59	...	Rawalpindi	...
Machine Corps.	103	Admitted Died Invalided	...	...	...	...	4	3	...	...	7	3	...	...	1	8	...	6	...	2	137	5'04	...	Meerut, 1st January to 20th November 1919.	0 11 0

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918	Stations occupied during the year with dates of occupation. Last move.
MACHINE GUN CORPS— <i>contd.</i>																								
24th Machine Gun Corps.	47	Admitted Died Invalided	...	...	...	...	4	...	...	...	...	1	...	1	1	...	...	...	...	1	22	1'01	...	Rawalpur, 1st January to 3rd May 1919.
202nd " " "	8	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	0'34	...	Lahore.
203rd " " "	18	Admitted Died Invalided	...	...	...	...	9	...	...	...	...	...	...	...	1	...	2	...	...	1	6	0'27	...	Quetta, 1st November to 31st December 1919.
204th " " "	33	Admitted Died Invalided	...	...	...	...	33	1	...	...	...	...	...	...	2	...	...	...	...	...	47	1'18	...	Landikotal, 16th September to 19th December 1919.
222nd " " "	62	Admitted Died Invalided	...	...	...	...	1	9	...	...	...	1	...	...	...	1	5	...	...	1	29	9'96	...	Abbottabad 1st January to 21st July 1919, Landi Kotal, 10th September to 6th October 1919.
256th " " "	30	Admitted Died Invalided	...	...	...	2	10	...	...	...	...	...	...	...	...	1	...	...	...	8	38	2'26	...	...
262th " " "	84	Admitted Died Invalided	...	...	...	...	15	23	...	...	...	5	...	...	3	...	3	...	1	7	40	3'63	...	Lahore, 1st January to 31st December 1919.
263rd " " "	80	Admitted Died Invalided	...	...	1	...	30	10	...	1	...	3	...	...	1	...	1	...	...	1	78	3'14	...	Nowshera, 1st January to 31st December 1919.

ORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess, Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
HINE ORPS— Machine Company.	101	Admitted Died Invalided	...	...	...	1	24	...	...	...	...	...	...	...	1	1	1	...	...	3	58	2'88	Quetta, 1st January to 30th November 1919.	1 9 12
" " "	13	Admitted Died Invalided	1	...	...	...	14	...	...	...	...	...	...	...	...	...	1	...	...	...	22	6'52	Quetta, October 1st to 30th November 1919.	0 2 0
" " "	40	Admitted Died Invalided	...	...	...	...	32	34	...	...	...	...	...	...	2	...	...	...	...	6	107	4'13	Lahore.	...
" " "	58	Admitted Died Invalided	...	...	...	...	36	2	...	...	...	5	...	...	...	1	2	...	...	4	69	2'39	Nassirabad, 8th May to 27th November 1919	0 6 21
" " "	56	Admitted Died Invalided	...	...	...	...	29	10	...	...	...	4	...	...	...	...	3	...	...	1	76	3'12	Nowshera, 1st January to 31st December 1919.	1 3 9
" " "	45	Admitted Died Invalided	...	...	...	...	6	12	...	...	...	2	...	...	3	2	...	...	2	2	40	1'42	Abbottabad, 1st January to 21st July 1919.	0 10 0
" " "	16	Admitted Died Invalided	...	...	...	...	17	...	...	...	...	...	...	...	...	...	...	...	...	...	20	0'47	Kohat, 20th September to 24th November 1919.	0 2 5
" " "	65	Admitted Died Invalided	...	...	...	...	17	28	...	...	1	2	...	...	6	...	2	...	...	10	84	4'41	Lahore,	...
ine Gen stre, Mhow.	297	Admitted Died Invalided	4	1	4	113	3	1	5	2	27	...	6	12	10	25	1	3	58	329	25'85	Lahore, 1st January to 31st December 1919.	2 0 6	

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.																Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.						
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heart-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.				Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.			
Details Machine Gun Corps.	37	Admitted Died Invalided	...	...	...	...	15	...	...	2	...	1	...	3	1	...	...	...	3	40 1	173	...					
Total Machine Gun Corps.	2,241	Admitted Died Invalided	12 1	...	3	9	464	149	1	9	10	63	1	9	56	20	63	1	12	150	1,921 12 81	82'30	...				
<b>ARMoured MOTOR BATTERIES.</b>																											
No. 1, Armoured Motor Battery.	40	Admitted Died Invalided	...	...	1	1	20	4	...	...	...	...	...	1	...	...	...	...	...	...	37	171	...	Peshawar, 1st January to 31st December 1919.			
No. 8, Armoured Motor Battery.	14	Admitted Died Invalided	...	...	...	...	6	...	...	...	...	...	...	1	...	...	...	...	...	...	8	0'29	...	Quetta, 1st January to 31st March 1919.			
No. 9, Armoured Motor Battery.	18	Admitted Died Invalided	...	...	...	...	3	4	...	...	...	1	...	...	...	...	4	...	...	...	20	0'75	...	Lahore and Ferozepore.			
No. 10, Armoured Motor Battery.	18	Admitted Died Invalided	...	...	...	...	4	3	...	...	...	...	...	1	...	...	...	...	...	...	13 1	1'09	...	Ditto			
No. 11, Armoured Motor Battery.	9	Admitted Died Invalided	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	5 1	0'17	...	Ambala, 1st January to 30th November 1919.			
No. 12, Armoured Motor Battery.	11	Admitted Died Invalided	...	...	...	...	8	7	...	...	1	1	...	...	...	...	1	...	...	...	22 1	1'27	...	Delhi, 1st May to 31st December 1919.			
No. 14, Armoured Motor Battery.	22	Admitted Died Invalided	2	...	...	...	3	1	...	...	1	...	...	4	...	...	...	...	...	...	20 2	0'20	...	Lucknow.			

TABLE XI  
STATISTICS OF DISEASES

No.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
			Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided
Armoured Battery.	12	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	4 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	1 ... 1	... ... ...	... ... ...	... ... ...	3 ... 1	1 ... ...	... ... ...	... ... ...	1 ... ...	18 1 6	1'09	...	Secunderabad, 1st January to 31st December 1919.	1 0 0	
Armoured Battery.	153	Admitted Died Invalided	2 ... ...	1 ... ...	1 ... ...	... ... ...	51 ... 2	19 ... ...	... ... ...	... ... ...	2 ... ...	3 ... 2	... ... ...	... ... 1	6 ... 1	5 ... 1	6 ... ...	... ... ...	1 ... ...	7 ... ...	145 4 10	6'57	...			
ARMY ICE S.																										
Mechanical ort Com-	60	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	12 ... ...	3 ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	2 ... ...	42	1'77	...	Peshawar, 1st January to 31st December 1919.	3 0 0	
"	211	Admitted Died Invalided	22 ... ...	... ... ...	... ... ...	... ... ...	101 1 4	3 ... ...	1 ... ...	1 ... ...	... ... ...	6 ... 3	... ... ...	... ... ...	1 ... ...	9 ... 1	2 ... ...	14 ... ...	... ... ...	1 ... ...	24	305 1 12	11'12	...	Rawalpindi, 1st January to 31st December 1919.	2 8 0
"	26	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	16	1'06	...	Karachi, 1st January to 31st December 1919.	1 3 0	
"	13	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	1 ... ...	13	0'51	...	Rawalpindi, 6th September to 31st December 1919.	0 10 25	
"	72	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	... ... ...	15 ... ...	4 ... ...	... ... ...	... ... ...	1 ... 1	1 ... 1	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	41	1'96	...	Peshawar, 1st January to 31st December 1919.	3 0 0	
"	83	Admitted Died Invalided	3 ... ...	2 ... ...	... ... ...	... ... ...	25 ... 1	5 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... 3	... ... ...	... ... ...	... ... ...	8	76 1 1	4'20	...	Faisalpindi, 1st January to 31st December 1919. Detachment at Karachi, 1st January to 31st May 1919.	3 0 0	
"	105	Admitted Died Invalided	... ... ...	... ... ...	2 ... ...	... ... ...	28 ... ...	5 ... ...	... ... ...	... ... ...	1 ... 7	2 ... 2	... ... ...	... ... ...	... ... ...	1 ... 1	1 ... 1	1 ... 1	... ... ...	1 ... ...	80	3'20	...	Peshawar, 1st January to 31st December 1919. Detachment at Landi Kotal, 16th September to 15th December 1919.	3 0 0	
"	17	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	1 ... 1	... ... ...	... ... ...	... ... ...	... ... 3	... ... 2	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	23	0'87	...	Cawnpore, 8th April to 29th May 1919. (Arrived from Mesopotamia).	0 1 21	

TABLE XI—concluded.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.
No. 1028 Mechanical Transport Company.	17	Admitted Died Invalided	...	...	1	...	11	...	...	1	1	...	...	...	...	...	1	...	...	...	22 1	0.46	...	Rurki.
Mechanical Transport Training Schools.	62	Admitted Died Invalided	...	...	...	...	4	...	...	...	...	1	1	...	2	...	3	...	...	...	28 1 14	2.90	...	.....
No. 23, Motor Ambulance Convoy.	6	Admitted Died Invalided	...	...	...	...	5	1	...	...	...	...	...	...	...	...	1	...	...	...	8	0.09	...	Peshawar and Thal.
No. 28, Motor Ambulance Convoy.	47	Admitted Died Invalided	8	1	...	...	13	2	...	...	...	...	...	...	14	...	1	...	...	2	51	2.65	...	Rawalpindi, 1st January to 31st December 1919.
No. 1, Advanced Repair Workshops.	37	Admitted Died Invalided	...	...	...	...	11	2	...	1	3	...	1	...	...	...	2	...	...	...	26 2	1.19	...	Peshawar, 1st January to 31st December 1919.
Royal Army Service Corps Details.	302	Admitted Died Invalided	2	2	...	...	51	...	...	...	18	...	...	...	3	17	3	...	...	33	271 2	18.98	...	.....
Total	1,058	Admitted Died Invalided	36	10	1	...	290	26	2	3	11	33	...	2	34	20	32	1	1	72	1,001 6	50.97	...	.....
INFANTRY.																								
Argyll and Sutherland Highlanders (Princess Louise's) 1st Battalion	99	Admitted Died Invalided	...	...	...	...	7	1	...	...	...	...	...	...	4	...	...	...	...	21	126 1	1.98	...	Bangalore, 10th August to 30th November 1919. Kirkee 1st December to 31st December 1919. (Arrived from United Kingdom on 11th August 1919.)
Bedfordshire Regiment 1st Battalion.	18	Admitted Died Invalided	...	4	1	...	58	9	...	...	2	...	...	2	...	2	...	...	1	76 1	1.93	...	Agra, 15th October to 8th November 1919. (Left for United Kingdom on 8th November 1919.)	

TABLE XI

STATISTICS OF DISEASES

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-Pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Station occupied during the year with dates of occupation. Last move.	Period of service in India.
INFANTRY— (contd.)	179	Admitted	...	...	...	...	5	...	...	2	1	...	...	11	5	15	...	7	...	...	242	7'11	...	Secunderabad, 28th October to 31st December 1919. (Arrived from England on 28th October 1919.)	0 2 4
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	91	Admitted	...	...	...	...	3	...	1	...	3	1	2	...	6	...	10	...	...	...	85	3'23	...	Karachi 21st November to 31st December 1919. (Arrived from England on 21st November 1919.)	0 1 10
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	481	Admitted	1	...	...	...	136	11	...	1	30	...	1	6	16	11	...	9	...	...	418	13'41	...	Jubbulpore, 1st January to 17th October 1919. (Left for United Kingdom on 17th October 1919.)	4 8 7
		Died	...	...	...	...	4	...	...	...	28	...	1	...	1	...	...	...	...	...	41	...	...	...	...
329	Admitted	...	1	4	52	34	1	...	5	10	1	...	6	...	6	...	4	...	...	252	9'68	...	Peshawar 1st January to 31st December 1919. Detachment at Campbellpore, 3th February 1919 to 12th June 1919.	4 9 0	
	Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	
766	Admitted	21	6	8	119	...	1	5	65	3	36	33	9	1	8	159	...	...	...	765	60'14	...	Bangalore various periods. Detachment at Bellary, Calicut and Cannanore.	...	
	Died	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	
640	Admitted	...	2	3	2	299	...	3	26	...	2	26	6	7	2	2	47	...	...	565	21'29	...	Kirkee.	...	
	Died	...	...	1	...	4	...	...	...	20	1	...	6	1	...	...	...	...	...	...	71	...	...	...	
219	Admitted	7	...	4	19	4	...	1	4	...	2	15	...	4	...	4	...	...	...	362	13'31	...	Lucknow, 22nd August to 7th November 1919. Rawalpindi 9th November to 31st December 1919.	...	
	Died	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Head-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.
Cameronians Scottish (Rifles) 2nd Battalion.	112	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	12 ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	7 ... ...	92 1	4'04	...	Nasirabad, 15th August to 31st October 1919, Rawalpindi, 1st November to 31st December 1919. (Arrived from England on 15th August 1919).
Connaught Rangers, 1st Battalion.	55	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	... ... ...	3 ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	8 ... ...	56 1 1	1'46	524	Jullundur, 24th November to 31st December 1919. (Arrived from England on 24th November 1919).
Devonshire Regiment, 2nd Battalion.	256	Admitted Died Invalided	23 ... ...	1 ... ...	... ... ...	... ... ...	18 ... ...	2 ... ...	... ... ...	8 ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	16 ... ...	3 ... ...	15 ... ...	... ... ...	1 ... ...	15 ... ...	390 2 1	18'60	...	Baghsai, 10th September to 18th November 1919, Subathu, 10th September to 19th November 1919, Quetta, 13th November to 31st December 1919.
Devonshire Regiment, 1-4th Battalion.	29	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	1 ... ...	12 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	21 ... 7	1'62	...	Wellington, 1st January to 31st December 1919.
Devonshire Regiment, 1-6th Battalion.	21	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	10 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	15 ... 5	1'73	...	Wellington, 1st January to 31st December 1919.
Devonshire Regiment, 2-6th Battalion.	11	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	9 ... 3	0'34	...	Wellington, 1st January to 31st December 1919.
Dorsetshire Regiment, 2nd Battalion.	135	Admitted Died Invalided	4 ... ...	... ... ...	... ... ...	... ... ...	25 1 ...	... ... ...	... ... ...	1 ... ...	... ... ...	5 1 ...	... ... ...	... ... ...	9 ... ...	8 ... ...	5 ... ...	... ... ...	... ... ...	15 ... ...	247 1 2	10'10	821	Bangalore, 24th October to 31st December 1919. (Arrived from United Kingdom on 24th October 1919).
Dorsetshire Regiment, 1-4th Battalion.	11	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	10 ... 1	0'68	...	Wellington.

TABLE XI—(Continued)

STATISTICAL STATEMENTS

	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic fever.	Heat stroke.	Circulatory diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral diseases.	All causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
Corn-Light Co. 2nd Co.	144	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	18 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	3 ... ...	1 ... ...	19 ... ...	... ... ...	... ... ...	30 ... ...	214 2 1	5'92	...	Calcutta, 21st October to 31st December 1919, Detachment at Dinapore, 1st October to 31st December 1919.	...
Corn-Light Co. 2-4th Co.	536	Admitted Died Invalided	... ... ...	... ... ...	1 ... 2	4 ... ...	195 2 ...	63 ... ...	... ... ...	1 ... ...	8 ... ...	4 ... ...	... ... ...	3 ... 1	5 ... ...	1 ... ...	9 ... ...	... ... ...	7 ... ...	29 ... ...	486 7 4	16'74	...	Delhi, 1st January to 12th September 1919, Solon, 12th September to 2nd November 1919, Detachments at Bareilly and Ambala, (Left for England, on 2nd November 1919).	2 10 4
Light Co. 1st Co.	320	Admitted Died Invalided	6 ... ...	... ... ...	... ... ...	2 ... ...	75 ... 7	45 ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	8 ... ...	... ... ...	... ... ...	28 ... ...	266 ... 37	13'54	...	Rawalpindi, 1st January to 31st December 1919, Detachment at Landi Kotal 16th September to 8th November 1919.	17 1 0
shire 2nd Co.	128	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	15 ... ...	165 ... ...	4'14	...	Ahmednagar, 9th November to 31st December 1919.	0 1 22
shire 7th Co.	20	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	1 ... ...	2 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	10 ... 2	0'93	...	Wellington, 1st January to 31st December 1919.	2 5 20
Regt. 4th Co.	9	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... 1	6 ... 1	0'41	...	Wellington, 1st January to 31st December 1919.	3 2 19
Regt. 5th Co.	447	Admitted Died Invalided	12 ... ...	... ... ...	... ... ...	2 ... ...	71 ... ...	8 ... ...	... ... ...	... ... ...	1 ... ...	4 ... ...	... ... ...	1 ... ...	9 ... ...	3 ... ...	30 ... ...	1 ... ...	5 ... ...	5 ... ...	262 2 6	10'56	...	Ambala, 1st January to 30th July 1919, Solon, 25th June to 11th September 1919, Detachment at Dagsal from June to September. (Left for England on 12th September 1919).	4 8 17
Light Co. 1st Co.	18	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... 1	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 ... 2	1'18	...	Wellington.	...

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

COOPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with date of occupation of Last move.		
Inniskilling Fusiliers (Royal), 1st Battalion.	109	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	6 ... ...	... ... ...	12 ... ...	... ... ...	... ... ...	28 ... ...	137 ... ...	4'94	730	Sialkot, 26 October 1919. Detachment at Kee, 3 November 1919. (Arrived from United Kingdom 26th October 1919).		
Kent (East) Regiment (The Buffs), 2nd Battalion.	84	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	6 ... ...	98 1 1	3'13	...	Multan, 13 November 1919. (Arrived from England on 15th November 1919).		
Kent (East) Regiment (The Buffs), 14th Battalion.	471	Admitted Died Invalided	1 ... ...	1 ... ...	9 ... ...	116 ... ...	216 ... ...	2 ... ...	2 ... ...	14 ... ...	13 ... ...	1 ... ...	2 ... ...	11 ... ...	1 ... ...	9 ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	542 5 12	24'47	...	Multan, 1 January to 1 October 1919. (Left for England on 14 October 1919).		
Kent (East) Regiment (The Buffs), 15th Battalion.	20	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	13 ... 4	1'49	...	Wellington.		
Kent (West) Regiment (Royal, The Queen's Own), 1st Battalion.	142	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	11 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	174	...	4'69	...	Agra, 25th September to 31 December 1919. (Arrived from United Kingdom on 28 September 1919).
Kent (West) Regiment (Royal, The Queen's Own), 14th Battalion.	347	Admitted Died Invalided	8 ... ...	... ... ...	1 ... ...	21 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	4 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	9 ... ...	89 3 6	5'71	...	Quetta, 1 January to 30 September 1919.	
King's (The Liverpool), Regiment, 2nd Battalion.	375	Admitted Died Invalided	9 ... ...	... ... ...	1 ... ...	142 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	23 ... ...	1 ... ...	2 ... ...	4 ... ...	2 ... ...	3 ... ...	... ... ...	... ... ...	2 ... ...	286 2 6	14'87	...	Quetta, 1 January to 22nd November 1919.	
King's Own (Royal Lancaster Regiment), 2nd Battalion.	15	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	3 ... ...	24	1'54	...	Maymyo, 9th December 1919. (Arrived from United Kingdom on 9th December 1919).		

TABLE XI—Continued.  
STATISTICS OF REGIMENT  
The Central Postal Directory

Y—	Average annual strength.	Occupation.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 192.	Sections occupied during the year with dates of occupation. Last move.	Period of service in India.
Own order-lyatta-	27		1					2										1			3	17	0'22	Deolali.	...
Royal gprs. ion.	145		2					4		1		5			4			1			5	123	4'38	Mhow, 1st November to 31st December 1919. (Arrived from United Kingdom on 1st November 1919.)	0 2 0
Royal gprs. ion.	121						1			1	1	1			6			2			1	113	3'35	Belgium, 15th November to 31st December 1919. (Arrived from England on 15th November 1919.)	0 1 16
Post-nd	107						5	4		1		5	1	1	5	2	13				21	166	6'07	Amritsar, 16th November to 31st December 1919.	0 1 15
Regiment (Des's), ion.	347		2				182	55	1	2	1	4			2	8	1	3		2	29	361	12'32	Quetta, 1st January to 27th March 1919. Rawal pindi, 28th March to 26th December 1919. Dett. at Barian and Ali Masjid.	16 10 26
Regiment 2nd	132					2	122	10				2	1	1	4	1	3				30	311	14'33	Secunderabad, 18th August to 11th October 1919. Delhi 12th October to 31st December 1919. (Arrived from England on 18th August 1919.)	0 4 14
Regiment 1st	49		3				3					2			1						13	76	1'58	Madras, 21st November to 31st December 1919. (Arrived from England on 21st November 1919.)	0 1 10
Regiment 2nd	204		1	3			45					1	1		7	2	9				9	210	9'84	Lucknow, 22nd August to 9th October 1919, Poona 10th October to 31st December 1919. Dett at Kirkree, 15th October to 31st December 1919. (Arrived from England on 22nd August 1919.)	0 4 10

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera. Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess. Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	
<b>INFANTRY—</b>																							
<i>contd.</i>																							
Middlesex Regiment (Duke of Cambridge's Own), 1-10th Battalion.	392	Admitted Died Invalided	25 ... ...	6 ... 1	...	21	17	...	2	30	9	...	3	13	3	18	...	4	17	289	16.75	...	Lucknow, 1st January to 6th September 1919. (Left for England on 6th September 1919.)
Norfolk Regiment, 2nd Battalion.	159	Admitted Died Invalided	3 ... ...	...	...	4	1	1	1	...	1	...	1	1	1	6	...	8	102	4.30	...	Lucknow, 6th November to 31st December 1919. (Arrived from England on 6th November 1919.)	
Northamptonshire Regiment 2nd Battalion.	65	Admitted Died Invalided	2 ... ...	...	...	9	...	...	...	...	1	...	...	3	2	8	...	1	43	0.16	...	Rawalpindi, 1st December to 31st December 1919.	
Oxfordshire and Buckinghamshire Light Infantry, 1st Battalion.	47	Admitted Died Invalided	1 ... ...	...	...	36	6	...	...	2	...	...	4	1	2	...	1	2	71	3.02	...	Wellington, Madras and Agra various periods. (Left for United Kingdom on 7th November 1919.)	
Queen's, The (Royal West Surrey Regiment), 2nd Battalion.	320	Admitted Died Invalided	...	...	...	27	...	...	3	10	...	...	2	15	3	15	...	7	373	14.80	...	Bareilly, 16th August to 31st December 1919. Dett. at Ramkhet 21st September to 23rd November 1919.	
Queen's, The (Royal West Surrey Regiment), 1-4th Battalion.	328	Admitted Died Invalided	...	1	...	65	82	...	...	5	...	...	7	5	11	...	10	288	11.61	...	Ferozepore, 1st January to 13th April 1919. Jullundur, 14th April to 12th October 1919. Dett. at Peshawar, (Left for England on 12th October 1919.)		
Reserve Battalion, No. 2.	46	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	2	...	1	...	10	45	1.47	...	Madras, 1st January to 30th April 1919.		
Reserve Battalion, No. 4.	25	Admitted Died Invalided	...	...	...	1	...	...	...	4	...	...	1	...	...	...	3	17	0.57	...	Madras, 1st January to 30th April 1919.		
Reserve Battalion No. 5	463	Admitted Died Invalided	...	1	...	7	...	...	...	2	...	...	...	...	1	...	21	128	14.73	...	Kirkee,		
Reserve Battalion, No. 6.	71	Admitted Died Invalided	...	...	...	1	...	1	...	1	...	...	...	...	...	...	9	41	3.58	...	Kirkee.		

RFS.		Average annual strength.	Classification.	Influenza.	Cholera. Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number convalescency sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
Admitted	Died																									Invalided
TRY—td.																									
Batta-	216	Admitted Died Invalided	4 ... ...	1 ... ...	7 ... ...	... ... ...	... ... ...	4 ... ...	4 ... ...	4 ... ...	1 ... ...	7 ... ...	124 ... 14	9'7	Belgaum, 1st January to 26th November 1919.	1 10 26									
Batta-	275	Admitted Died Invalided	... ... ...	1 ... ...	170 ... 42	... ... ...	5 ... ...	14 ... 11	1 ... 1	15 ... 2	23 ... 11	16 ... ...	1 ... ...	32 ... 97	25'91	Secunderabad, 1st January to 20th August 1919.	1 7 29								
Brigade Princo (Own) talion.	99	Admitted Died Invalided	26 ... ...	1 ... ...	5 ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	6 ... ...	... ... ...	... ... ...	6 ... ...	116	4'42	Quetta, 10th November to 31st December 1919.	0 1 21								
Brigade Princo (Own) ondon)	445	Admitted Died Invalided	21 ... 1	4 ... 3	1 ... ...	18 ... 3	... ... ...	4 ... 1	8 ... 10	7 ... 4	2 ... ...	1 ... ...	21 ... 16	7 ... 3	4 ... ...	2 ... ...	... ... ...	23 ... ...	292 ... 64	20'78	Rangoon, 1st January to 1st November 1919. (Left for England on 1st November 1919.)	3 10 0			
Brigade Princo (Own) talion.	354	Admitted Died Invalided	15 ... ...	3 ... ...	15 ... ...	... ... ...	4 ... 1	8 ... 2	7 ... 1	2 ... 1	1 ... 1	21 ... 2	3 ... ...	16 ... ...	... ... ...	... ... ...	3 ... ...	354 ... 22	14'47	Madras, 1st January to 8th October 1919. Det. at Fyzabad.	0 6				
Brigade Princo (Own) talion.	156	Admitted Died Invalided	... ... ...	1 ... ...	6 ... 2	... ... ...	... ... ...	4 ... 1	... ... ...	6 ... ...	... ... ...	... ... ...	6 ... 2	... ... ...	1 ... ...	2 ... ...	12 ... ...	28 ... 13	8'45	Bareilly, 1st January to 3rd July 1919, Ramikhet, 4th July to 10th October 1919, Sialkot, 11th October to 25th November 1919. (Left for United Kingdom on 25th November 1919.)	3 10 25				
Brigade Princo (Own) talion.	232	Admitted Died Invalided	... ... ...	1 ... 2	54 ... 2	19 ... ...	... ... ...	6 ... 2	2 ... ...	6 ... ...	2 ... ...	6 ... 1	2 ... ...	6 ... ...	3 ... ...	6 ... ...	160 ... 5	9'05	Sialkot, 1st January to 25th November 1919. Det. at Ferorepore, 1st Jan. to 19th March 1919. (Left for United Kingdom, on 25th November 1919.)	3 9 21					
Officers (Lion- ment), alion.	135	Admitted Died Invalided	1 ... ...	1 ... ...	3 ... ...	6 ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	1 ... ...	1 ... ...	4 ... ...	133	4'73	Ambala, 10th October to 31st December 1919.	0 2 21								

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

Corps.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lung.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	
<b>INFANTRY</b> <i>—contd.</i>																									
Royal Highlanders (The Black Watch), 1st Battalion.	247	Admitted Died Invalided	7 ... ...	1 ... ...	...	...	46 ... ...	...	...	...	...	1 ... ...	...	1 ... ...	3 ... ...	...	...	...	...	49 ... ...	193 ... ...	7'82	...	Allahabad, 1st September 1919 to 31st December 1919. Detachments at Benares and Cawnpore.	
Seaforth Highlanders (Ross-shire Buffs, The Duke of Albany's), 2nd Battalion.	165	Admitted Died Invalided	...	...	...	...	5 ... ...	...	...	...	...	5 ... ...	...	...	5 ... ...	...	3 ... ...	...	...	20 ... ...	225 ... ...	6'51	...	Meerut, 1st November to 31st December 1919. Detachments at Delhi, 23rd November to 31st December 1919. Kirkee 5th November to 11th November 1919.	
Special Battalion, No. 1.	24	Admitted Died Invalided	...	...	...	1 ... ...	8 ... ...	...	...	...	...	9 ... ...	...	...	...	...	...	...	...	...	2 ... ...	69 ... ...	1'16	...	Rawalpindi.
Special Battalion, No. 2.	18	Admitted Died Invalided	...	...	...	1 ... ...	3 ... ...	...	...	...	...	10 ... ...	...	...	...	...	...	...	...	...	...	28 ... ...	0'18	...	Rawalpindi.
Special Battalion, No. 3.	21	Admitted Died Invalided	...	...	...	1 ... ...	2 ... ...	...	...	...	...	...	...	...	...	13 ... ...	...	...	...	...	...	36 ... ...	0'87	...	Rawalpindi.
Special Battalion No. 4.	17	Admitted Died Invalided	...	...	...	...	5 ... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51 ... ...	1'49	...	Rawalpindi.
Special Battalion, No. 12.	153	Admitted Died Invalided	20 ... ...	...	...	1 ... ...	15 ... ...	...	...	...	...	3 ... ...	...	...	1 ... ...	7 ... ...	...	5 ... ...	2 ... ...	...	59 ... ...	259 ... ...	7'41	...	Calcutta, 23rd April to 7th September 1919.
Special Battalion, No. 15.	113	Admitted Died Invalided	3 ... ...	...	...	...	13 ... ...	12 ... ...	...	...	...	1 ... ...	...	...	...	...	2 ... ...	4 ... ...	...	...	16 ... ...	142 ... ...	6'15	...	Subathu, 20th May to 9th September 1919. Ferozepore, 15th January to 5th September 1919. (Left for England, on 9th September 1919).
Special Battalion, No. 16.	139	Admitted Died Invalided	...	...	...	...	20 ... ...	21 ... ...	...	...	...	1 ... ...	3 ... ...	...	...	1 ... ...	...	2 ... ...	...	3 ... ...	25 ... ...	125 ... ...	5'42	...	Ferozepore, 5th May to 3rd September 1919. Detachment at Delhi, 9th May to 1st September 1919. (Left for England, on 3rd September 1919).
Special Battalion No. 18.	139	Admitted Died Invalided	...	...	...	...	76 ... ...	...	...	...	...	...	...	...	...	3 ... ...	1 ... ...	4 ... ...	1 ... ...	...	25 ... ...	146 ... ...	7'36	...	Kirkee, 25th May to 22nd June 1919. Secunderabad, 23rd June to 31st August 1919. (Arrived from Mesopotamia).

Y	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain Origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
																										Admitted
189	4	4	25	1	2	5	2	32	141	7'55	Bangalore, 27th April to 26th May 1919, Secunderabad, 28th June to 31st August 1919. (Arrived from Mesopotamia).	0 4 4														
204	1	3	43	1	2	15	2	17	167	7'43	Bangalore, 27th April to 3rd May 1919.	...														
126	38	1	1	1	2	4	2	2	156	5'84	Secunderabad, 5th May to 31st July 1919. (Arrived from Mesopotamia).	0 2 27														
423	1	2	126	44	1	6	16	10	303	15'09	Peshawar, 1st January to 31st December 1919.	6 1 0														
17	1	8	2	2	1	1	1	1	12	1'57	Wellington.	2 3 0														
448	23	82	9	2	25	3	58	9	580	21'09	Barackpore, 1st January to 15th October 1919. Detachments, at Dinapore and Dum Dum. Demobilized, on 16th October 1919.	4 8 15														
424	76	12	2	5	4	8	2	1	230	14'69	Newsheer, 1st January to 31st December 1919. Detachment at Khans Pur, 7th May to 17th October 1919.	16 2 0														
13	1	1	1	1	1	1	1	1	8	0'96	Wellington.	...														
115	1	20	1	2	1	1	1	5	145	4'25	Jubbulpore, 11th October to 31st December 1919. (Arrived from England on 11th October 1919).	0 2 21														
673	1	8	130	123	1	2	15	1	512	22'45	Agra, 1st January to 15th October 1919. (Left for United Kingdom, on 15th October 1919).	1 9 7														

TABLE XI—*continued.*

STATISTICS OF REGIMENT.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.														Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.							
			Infuenza.	Cholera.	Small pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.				Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.		
<b>INFANTRY</b> <i>—contd.</i>																										
Sussex Regiment (Royal), 1st Battalion.	350	Admitted Died Invalided	1 ... ...	... ... ...	2 ... ...	78 ... 4	66 ... ...	...	3 ... ...	1 ... ...	1 ... ...	6 ... ...	...	2 ... ...	1 ... ...	21 ... 35	318 ... 2	16.75	...	Rawalpindi, 1st January to 24th December 1919. Detachment at Upper Topa, 23rd May to 25th August 1919.						
Sussex Regiment (Royal), 2-6th Battalion.	457	Admitted Died Invalided	... ... 1	1 ... 1	...	201 ... ...	103 ... ...	...	1 ... 4	10 ... 4	1 ... 1	...	21 ... 6	1 ... ...	17 ... ...	1 ... ...	2 ... ...	12 ... 24	521 ... 2	21.40	...	Lahore, 1st January to 31st December 1919. Detachment at Dalhousie, 1st January to 31st December 1919.				
South Wales Borderers, 1st Battalion.	430	Admitted Died Invalided	5 ... ...	1 ... ...	5 ... ...	70 ... ...	...	...	2 ... ...	3 ... 2	...	2 ... ...	8 ... 10	...	2 ... 1	30 ... 11	266 ... 2	11.60	...	Mhow, 1st January to 10th August 1919. Calcutta, 11th August to 18th October 1919. Detachment at Ahmednagar, 1st January to 13th June 1919.						
South Wales Borderers, 2nd Battalion.	159	Admitted Died Invalided	... ... ...	... ... ...	...	40 ... ...	...	...	...	1 ... ...	...	...	2 ... ...	...	12 ... ...	...	6 ... ...	101	4.99	...	Jhansi, 21st November to 31st December 1919. (Arrived from England on 21st November 1919).					
South Wales Borderers, 4th Battalion.	9	Admitted Died Invalided	... ... ...	... ... ...	...	2 ... ...	...	...	...	1 ... 1	...	...	...	...	1 ... ...	...	6 ... 1	0.47	...	Wellington.						
Warwickshire Regiment (Royal), 1st Battalion.	10	Admitted Died Invalided	... ... ...	... ... ...	...	4 ... ...	...	...	...	1 ... ...	...	...	...	1 ... ...	3 ... ...	3 ... 5	27	1.64	...	Poona, 16th August to 8th September 1919.						
Warwickshire Regiment (Royal), 2nd Battalion.	290	Admitted Died Invalided	... ... 5	1 ... 1	...	18 ... ...	9 ... ...	...	...	12 ... 3	1 ... ...	2 ... ...	2 ... ...	39 ... ...	...	20 ... 14	331 ... 1	13.07	...	Kirkee, 16th August to 31st October 1919. Nowshera, 21st October 1919 to 31st December 1919.						
Warwickshire Regiment (Royal), 9th Battalion.	15	Admitted Died Invalided	... ... ...	... ... ...	...	1 ... ...	...	...	...	...	...	...	...	...	...	1 ... ...	3	0.15	...	Wellington.						
Welsh Fusiliers (Royal), 1st Battalion.	95	Admitted Died Invalided	... ... ...	... ... ...	...	...	...	...	...	1 ... 1	1 ... 1	2 ... ...	...	2 ... ...	...	21 ... 1	73	1.71	...	Lucknow, 15th November to 31st December 1919. (Arrived from England on 15th November 1919).						
Welsh Regiment, 1st Battalion.	207	Admitted Died Invalided	... ... ...	... ... ...	...	8 ... ...	7 ... ...	...	2 ... ...	5 ... 1	1 ... ...	...	8 ... ...	4 ... ...	5 ... ...	10 ... 1	276 ... 1	11.62	...	Secunderabad, 14th August to 29th October 1919. Ferozepore, 30th October 1919 to 31st December 1919. (Arrived from England on 14th August 1919).						

TABLE X  
STATISTICS OF ENLISTMENTS

REGIMENT	Average annual strength.	Classification.	DISEASES													All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.			
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.						Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
1st	222	Admitted Died Invalided	5 ... ...	... ... ...	1 ... ...	34 ... ...	7 ... ...	... ... ...	2 ... ...	... ... ...	1 ... ...	... ... ...	8 ... ...	3 ... ...	5 ... ...	1 ... ...	... ... ...	19 ... ...	138 1 7	6'06	...	Burhan, 1st January to 19th March 1919, Quetta, 20th March to 20th Novem- ber 1919.	14 0 17
2nd	566	Admitted Died Invalided	23 ... ...	... ... ...	2 ... ...	12 ... ...	1 ... ...	... ... ...	2 ... ...	1 ... ...	2 ... ...	... ... ...	1 ... ...	12 ... ...	4 ... ...	8 ... ...	12 ... ...	18 ... ...	241 1 5	11'02	...	Allahabad, 1st January to 30th Septem- ber 1919. Detachment at Benares, 1st January to 20th Septem- ber 1919.	...
3rd	83	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	3 ... ...	... ... ...	22 ... ...	89 ... ...	1'96	...	Nasirabad, 19th November to 31st December 1919. (Arrived from England on 19th Novem- ber 1919).	0 1 12	
4th	162	Admitted Died Invalided	3 ... ...	... ... ...	... ... ...	18 ... ...	... ... ...	... ... ...	1 ... ...	3 ... ...	2 ... ...	1 ... ...	13 ... ...	1 ... ...	1 ... ...	... ... ...	13 ... ...	130 1 2	6'61	...	Mhow, 11th August to 25th November 1919, Quetta, 5th November to 31st Decem- ber 1919. (Arrived from United King- dom on 11th August 1919).	...	
5th	356	Admitted Died Invalided	2 ... ...	3 ... ...	3 ... ...	174 ... ...	60 ... ...	... ... ...	2 ... ...	5 ... ...	... ... ...	4 ... ...	5 ... ...	... ... ...	8 ... ...	1 ... ...	2 ... ...	16 ... ...	387 2 4	17'10	...	Peshawar, 1st January to 31st December 1919.	3 11 12
6th	178	Admitted Died Invalided	1 ... ...	6 ... ...	1 ... ...	24 ... ...	2 ... ...	... ... ...	2 ... ...	8 ... ...	1 ... ...	2 ... ...	5 ... ...	1 ... ...	5 ... ...	... ... ...	2 ... ...	15 ... ...	283 ... 8	11'28	...	Ahmednagar, 31st August to 9th Novem- ber 1919. Detach- ment at Peshawar.	...
7th	299	Admitted Died Invalided	... ... ...	2 ... ...	1 ... ...	28 ... ...	... ... ...	... ... ...	2 ... ...	2 ... ...	... ... ...	2 ... ...	12 ... ...	1 ... ...	6 ... ...	... ... ...	54 ... ...	313 ... 2	14'81	...	Bangalore, 4th August to 24th October 1919, (Arrived from United King- dom on 4th August 1919).	0 2 22	
8th	265	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	89 ... ...	17 ... ...	... ... ...	... ... ...	1 ... ...	8 ... ...	1 ... ...	... ... ...	1 ... ...	62 ... ...	1 ... ...	6 ... ...	281 5 12	12'81	...	Jullundur, 1st January to 27th April 1919, Dal- housie, 1st April to 15th October 1919, Amritsar, 30th October to 2th Decem- ber 1919.	3 9 14	

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.
<b>INFANTRY</b> <i>—contd.</i>																								
The London Regiment, 1-15th Kent Battalion.	339	Admitted Died Invalided	... ... 1	... ... ...	... ... ...	1 1 ...	54 ... 2	66 ... ...	... ... ...	... ... ...	... ... ...	3 1 ...	1 ... 1	... ... ...	8 ... ...	8 ... ...	8 ... ...	... ... ...	2 ... ...	8 ... ...	256 1 10	10'84	...	Ferozepore 1st January to 7th July 1919, Detachment at Dalhousie, 1st January to 15th October 1919, Dagshai September to October.
<b>GARRISON BATTALIONS.</b>																								
Bedfordshire Regiment, 1st Garrison Battalion.	441	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	1 1 ...	215 ... 1	144 ... ...	... ... ...	5 ... ...	26 3 ...	4 2 ...	1 ... 1	... ... ...	7 1 ...	2 1 ...	9 ... ...	... ... ...	7 ... ...	38 ... ...	623 11 9	23'90	...	Delhi 1st January to 15th October 1919, Detachment at Ranikhet 10th June to 13th October 1919.
Bedfordshire Regiment, 2nd Garrison Battalion.	542	Admitted Died Invalided	4 ... ...	... ... ...	... ... ...	3 ... ...	181 ... 22	2 ... ...	... ... ...	1 ... ...	... ... ...	17 ... 7	... ... 1	4 ... 2	18 ... 1	... ... ...	17 ... 1	... ... ...	... ... ...	45 ... ...	457 1 60	22'27	...	Karachi 1st January to 4th November 1919. (Left for England on 4th November 1919.)
Bedfordshire Regiment, 3rd Garrison Battalion.	497	Admitted Died Invalided	41 1 ...	... ... ...	... ... ...	... ... ...	70 ... ...	15 ... ...	... ... ...	2 ... 1	9 6 22	23 ... 9	1 ... 1	1 ... 4	32 ... 1	5 ... 1	31 ... ...	1 ... 1	4 ... 1	48 ... 65	620 8 65	24'06	...	Meiktila 1st January to 20th May 1919, Lucknow 21st May to 5th September 1919, Dum Dum 6th September to 24th October 1919.
Cameroonian (Scottish Rifles), 1st Garrison Battalion.	387	Admitted Died Invalided	... ... 1	... ... ...	... ... ...	3 ... ...	27 ... ...	6 ... ...	... ... ...	2 ... ...	... ... ...	12 ... 1	... ... 1	2 ... 1	12 ... ...	... ... ...	9 ... ...	3 ... 2	6 ... ...	30 ... ...	333 5 5	22'19	...	Meerut 1st January to 30th November 1919, Detachment at Chakrata 20th June to 6th October 1919.
Essex Regiment, 2nd Garrison Battalion.	298	Admitted Died Invalided	16 ... 1	... ... ...	... ... ...	3 ... ...	76 ... 2	4 ... ...	3 ... ...	2 ... ...	11 ... 1	10 ... 2	... ... ...	... ... ...	11 ... ...	... ... ...	7 ... ...	... ... ...	5 ... 1	47 ... 18	368 3 18	14'15	...	Kamptee 1st January to 31st December 1919, Detachment at Nasirabad 1st January to 18th November 1919.
Gordon Highlanders, 1st Garrison Battalion.	300	Admitted Died Invalided	1 ... ...	5 ... ...	... ... ...	3 ... ...	62 ... 4	45 ... ...	... ... ...	3 ... ...	1 ... ...	1 ... 1	1 ... 1	... ... ...	1 ... 4	4 ... ...	2 ... ...	... ... ...	2 ... 1	33 ... 26	232 1 26	16'90	...	Rawalpindi, Demobilized.
Irish Fusiliers (Royal Princess Victoria's), 1st Garrison Battalion.	382	Admitted Died Invalided	4 ... ...	... ... ...	... ... ...	... ... ...	45 ... ...	... ... ...	... ... ...	3 ... ...	... ... ...	14 ... 1	3 ... 1	1 ... ...	29 ... 1	2 ... ...	7 ... ...	1 ... ...	4 ... ...	49 ... 5	316 3 5	21'36	...	Manda'ay 1st January to 16th May 1919, Meiktila 17th May to 31st October 1919, Detachment at Maymyo and Port Blair.

TABLE X  
STATISTICS OF DISEASES

Nos.	Average annual strength.	Classification.	Diseases													Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.				
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.					Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.
NTRY nd. Rifles y, 1st on Bat-	382	Admitted	4	...	1	33	36	...	...	5	25	...	24	...	5	...	6	32	321	12'39	Cawnpore 1st January to 30th November 1919. (Left for England on 30th November 1919.)	3 8 0	
		Died	4	...	...	...	...	...	...	2	19	...	2	1	...	...	1	...	3				
Own h ers, 1st on Bat-	85	Admitted	16	...	...	14	2	...	2	...	2	...	1	5	2	7	...	34	187	5'19	Colaba 11th November to 31st December 1919.	...	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2				
shire ent, 1st on Bat-	159	Admitted	5	...	...	35	1	...	3	1	4	...	2	6	...	3	...	41	194	15'71	Calcutta 1st January to 25th November 1919.	3 10 25	
		Died	...	...	...	4	...	...	1	...	5	2	...	1	...	...	...	...	5				
Regi- 1st on Bat-	414	Admitted	4	...	4	2	115	11	1	2	...	19	1	2	18	10	28	...	37	388	31'85	Poona 1st January to 17th August 1919, Ferozepore 18th August to 27th November 1919. (Left for England on 27th November 1919.)	3 10 27
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	111			
berland rs, 2nd on Bat-	564	Admitted	2	...	4	3	134	25	1	5	1	12	...	1	14	12	3	...	61	485	18'20	Ahmednagar 1st January to 31st August 1919, Ferozepore 1st September to 27th November 1919. Detachment at Delhi 3rd September to 14th October 1919. (Left for England on 27th November 1919.)	3 7 27
		Died	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4			
ire and g ham- Light y, 1st on Bat-	401	Admitted	...	...	2	...	143	5	...	1	4	41	...	2	20	10	12	...	49	510	26'88	Secunderabad 1st January to 31st August 1919, Bellary 1st January to 24th August 1919, Raman-droog 1st January to 22nd November 1919.	3 8 22
		Died	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	4			
silities ), 1st on Bat-	496	Admitted	12	3	3	3	110	1	1	1	4	12	3	3	33	8	20	...	68	761	34'61	Jhansi 1st January to 31st December 1919 Detachment at Rangoon 23rd October 1919 to 31st December 1919.	3 9 0
		Died	...	1	...	2	...	...	...	...	1	1	2	3	...	1	...	...	...	7			
hire fantry ) 1st on Bat-	317	Admitted	1	1	...	3	80	29	1	2	11	1	...	4	17	4	5	...	28	121	17'43	Amritsar 1st January to 29th October 1919, Lahore.	2 9 19
		Died	1	1	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	7			
), 1st on Bat-	317	Admitted	1	...	...	...	...	...	...	...	3	...	...	5	1	...	...	...	20	121	17'43	Amritsar 1st January to 29th October 1919, Lahore.	2 9 19
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7			

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with date of occupation. Last move.																					
																									Admitted	Died	Invalided																		
<b>INFANTRY</b>																																													
<i>—contd.</i>																																													
Staffordshire (South) Regiment, 1st Garrison Battalion.	694	Admitted Died Invalided	117 ... ...	3 1 ...	...	1 ... ...	198 ... ...	... ... ...	2 ... ...	1 ... ...	1 ... ...	14 ... ...	6 ... ...	26 ... ...	11 ... ...	43 ... ...	1 ... ...	1 ... ...	153 ... ...	942 10 35	37.39	...	Colaba 1st January to 31st December 1919.																						
Yorkshire Regiment (Alexandra, Prince of Wales's Own), 1st Garrison Battalion.	283	Admitted Died Invalided	1 ... ...	... ... ...	3 ... ...	92 ... ...	32 ... ...	2 ... ...	2 ... ...	2 ... ...	2 ... ...	5 ... ...	2 ... ...	5 ... ...	1 ... ...	9 ... ...	... ... ...	4 ... ...	31 ... ...	293 1 29	21.85	...	Sialkot 1st January to 25th November 1919. (Left for United Kingdom on 25th November 1919.)																						
Yorkshire (East) Regiment, 1st Garrison Battalion.	293	Admitted Died Invalided	31 ... ...	... ... ...	... ... ...	6 ... ...	11 ... ...	... ... ...	8 ... ...	4 ... ...	4 ... ...	... ... ...	16 ... ...	... ... ...	9 ... ...	... ... ...	3 ... ...	42 ... ...	240 2 31	13.78	...	Lucknow 1st January to 26th November 1919. (Left for England on 26th November 1919.)																							
Details Infantry	1,817	Admitted Died Invalided	28 1 1	2 ... ...	5 ... ...	428 4 7	17 ... ...	4 ... ...	3 ... ...	2 ... ...	18 ... ...	2 ... ...	19 ... ...	44 ... ...	7 ... ...	63 ... ...	2 ... ...	9 ... ...	165 ... ...	1,537 22 64	69.73	...																							
TOTAL INFANTRY.	28,613	Admitted Died Invalided	591 5 37	12 6 1	78 10 14	120 15 14	5,997 ... ...	1,554 ... ...	28 ... ...	112 ... ...	285 ... ...	708 ... ...	41 ... ...	133 ... ...	900 ... ...	295 ... ...	887 ... ...	25 ... ...	129 ... ...	2,588 ... ...	27,794 211 1,932	1,276.29	...																						
Men of Small Detachments.	3,417	Admitted Died Invalided	283 1 4	7 1 ...	13 1 ...	24 1 ...	868 6 28	118 ... ...	12 ... ...	31 ... ...	15 ... ...	188 ... ...	15 ... ...	38 ... ...	152 ... ...	96 ... ...	165 ... ...	4 ... ...	22 ... ...	270 ... ...	5,241 37 301	795.08	...																						
Attached Sections.	3,237	Admitted Died Invalided	81 2 ...	2 2 ...	12 1 ...	39 3 ...	894 ... ...	99 ... ...	1 ... ...	9 ... ...	1 ... ...	104 ... ...	3 ... ...	15 ... ...	67 ... ...	64 ... ...	129 ... ...	4 ... ...	2 ... ...	459 ... ...	3,694 47 469	273.89	...																						
Royal Army Medical Corps.	931	Admitted Died Invalided	71 ... ...	... ... ...	1 ... ...	3 ... ...	167 ... ...	... ... ...	1 ... ...	1 ... ...	1 ... ...	40 ... ...	3 ... ...	5 ... ...	23 ... ...	51 ... ...	36 ... ...	1 ... ...	1 ... ...	32 ... ...	808 3 233	53.40	...																						
Garrison Staff and Departments.	2,816	Admitted Died Invalided	81 3 1	... ... ...	7 2 ...	15 1 ...	570 4 21	184 ... ...	11 ... ...	11 ... ...	15 ... ...	50 ... ...	8 ... ...	15 ... ...	86 ... ...	41 ... ...	87 ... ...	5 ... ...	18 ... ...	113 ... ...	2,582 35 126	161.28	...																						
Convalescent Depôts.	3,360	Admitted Died Invalided	130 1 4	1 ... ...	11 ... ...	6 ... ...	992 ... ...	4 ... ...	3 ... ...	9 ... ...	... ... ...	44 ... ...	1 ... ...	23 ... ...	61 ... ...	58 ... ...	103 ... ...	1 ... ...	5 ... ...	470 ... ...	2,852 23 201	97.44	...	Deolali, Dag- shai Topa.																					
Veterinary Sections.	11	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	20 ... ...	1.00	...	Risalpur 1st January to 31st December 1919 Ambala.																						
Royal Air Force	494	Admitted Died Invalided	30 ... ...	... ... ...	3 ... ...	5 ... ...	151 ... ...	224 ... ...	1 ... ...	1 ... ...	10 ... ...	13 ... ...	1 ... ...	2 ... ...	18 ... ...	6 ... ...	18 ... ...	... ... ...	1 ... ...	39 ... ...	745 6 41	3.49	...																						

Average annual strength.	Classification.	Diseases																All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupations. Last move.	Period of service in India.	
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heart-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.						Hepatic Congestion and Inflammation.	Veneral Diseases.
1,169	Admitted Died Invalided	1 ... ...	... ... ...	9 1 ...	2 ... ...	135 ... 4	31 ... ...	1 ... ...	4 ... ...	9 ... 1	23 ... 10	1 ... 1	4 ... 4	29 ... 2	11 ... 2	25 ... 1	1 ... ...	6 ... ...	16 ... ...	984 5 40	42'29	...	Y. M. D.
7,184	Admitted Died Invalided	83 1 5	122 ... ...	24 3 ...	1,513 4 52	450 ... ...	8 ... ...	17 ... 5	42 4 4	204 ... 120	8 ... 6	37 4 5	241 1 40	99 2 32	159 ... ...	5 1 4	27 ... 5	506 ... 1	6,371 37 478	284'60	...		
1,876	Admitted Died Invalided	24 1 2	1 ... ...	3 ... ...	9 ... 4	221 ... 48	15 ... ...	1 ... ...	4 ... 4	15 4 2	36 ... 25	2 ... 1	6 ... 9	47 1 43	38 ... 43	47 ... ...	1 ... ...	3 ... ...	191 ... ...	1,424 12 270	95'24	...	
2,241	Admitted Died Invalided	12 1 ...	... ... ...	3 ... ...	9 3 ...	464 2 ...	149 ... ...	1 ... ...	9 ... 1	10 3 15	63 ... ...	1 ... 1	9 ... 2	56 ... 6	20 3 ...	63 1 1	12 ... 2	150 ... ...	1,921 12 81	82'30	...		
153	Admitted Died Invalided	2 ... ...	... ... ...	1 ... ...	1 ... ...	51 ... 2	19 ... ...	... ... ...	... ... ...	2 ... 2	3 ... ...	... ... ...	... ... ...	6 ... 1	5 ... 1	6 ... ...	... ... ...	1 ... ...	7 ... ...	145 4 10	6'57	...	
1,058	Admitted Died Invalided	36 ... 1	... ... ...	10 ... ...	... ... ...	290 1 14	26 ... ...	2 ... ...	3 ... ...	11 ... 27	33 ... ...	... ... ...	2 ... ...	34 ... 3	20 ... 16	32 ... 1	1 ... 1	1 ... 3	72 ... ...	1,001 6 140	50'97	...	
28,613	Admitted Died Invalided	591 5 37	12 6 ...	78 10 1	120 14 14	5,997 15 235	1554 ... 1	28 ... ...	112 1 16	285 26 43	708 10 245	41 3 39	133 23 14	990 6 113	295 9 71	887 ... 1	25 7 8	129 ... 14	2568 ... 5	27,794 211 1,932	1,276'29	...	
55,561	Admitted Died Invalided	1425 14 60	24 11 2	123 19 1	257 25 25	12,318 42 580	2913 ... 1	70 ... ...	212 1 35	416 42 69	1511 22 766	84 10 83	289 52 32	1840 17 221	804 16 281	1758 ... 31	49 11 24	228 2 38	4954 ... 22	54,982 438 4,324	3,245'84	...	

EUROPEAN TROOPS, 1919.

TABLE XII.

STATISTICS OF OFFICERS, WOMEN AND CHILDREN.

SICKNESS and MORTALITY among OFFICERS, WOMEN and CHILDREN of the BRITISH ARMY in 1919.

	OFFICERS.			WOMEN.			CHILDREN.	
	Northern Army.	Southern Army.	India.	Northern Army.	Southern Army.	India.	Northern Army.	Southern Army.
STRENGTH . . . . .	1,544	1,878	3,453	728	722	1,450	1,205	1,202
CASES REMAINING FROM 1918 . . . . .	609	703	655	110	83	97	38	191
CONSTANTLY SICK . . . . .	61'55	37'24	47'78	22'24	22'18	22'19	13'31	12'32
INVALIDING . . . . .	31'7	251'9	151'2	...	...	...	...	...
ADMISSIONS.								
Influenza . . . . .	36'9	6'8	54'4	6'9	38'8	22'8	4'1	18'3
Cholera . . . . .	...	...	...	...	...	...	...	...
Small-pox . . . . .	5'8	2'7	4'1	11'0	6'9	9'0	6'6	4'2
Measles . . . . .	...	...	...	...	...	...	15'8	29'1
Whooping cough . . . . .	...	...	...	...	...	...	0'8	0'8
Enteric Fever . . . . .	7'8	9'1	8'4	4'1	2'8	3'4	5'8	5'8
Malaria . . . . .	174'9	144'8	157'0	39'8	54'0	46'9	34'0	30'8
Sandfly Fever . . . . .	151'6	3'7	69'8	5'5	1'4	3'4	0'8	...
Pyrexia of uncertain origin . . . . .	1'9	2'1	2'3	4'1	2'8	3'4	...	0'3
Tubercle of the Lungs . . . . .	2'6	3'7	3'2	2'7	...	1'4	...	...
Tuberculosis Diseases . . . . .	...	...	...	...	...	...	2'3	...
Pneumonia . . . . .	11'0	4'8	7'5	2'7	4'2	3'4	...	...
Respiratory Diseases . . . . .	40'2	22'8	34'2	5'5	27'7	16'6	24'9	39'1
Dysentery . . . . .	13'6	45'3	31'0	5'5	6'9	6'2	2'5	10'0
Diarrhoea . . . . .	58'3	46'3	51'5	6'9	9'7	8'3	18'3	20'8
Hepatic Abscess . . . . .	0'6	1'1	0'9	...	...	...	...	...
„ Congestion . . . . .	12'3	8'0	9'8	...	...	...	...	...
Eye Diseases . . . . .	...	...	...	...	...	...	...	5'0
Anæmia and Debility . . . . .	...	...	...	193'7	160'7	177'2	...	...
Abortion and other affections . . . . .	...	...	...	35'7	41'6	38'6	...	...
Affections connected with and consequent on parturition . . . . .	...	...	...	4'1	4'2	4'1	...	...
All other diseases peculiar to women . . . . .	...	...	...	22'0	34'6	23'3	...	...
Veneral Diseases . . . . .	11'0	36'7	24'9	...	...	...	...	...
DEATHS. ALL CAUSES								
Cholera . . . . .	11,41'8	1,005'3	1,588'8	502'7	605'3	553'8	288'8	354'4
Small-pox . . . . .	...	0'53	0'29	...	...	...	...	...
Diphtheria . . . . .	...	...	...	1'37	1'39	1'38	0'83	1'66
Enteric Fever . . . . .	0'65	1'06	0'87	...	1'59	0'69	...	0'83
Malaria . . . . .	1'30	0'53	0'87	...	...	...	...	0'83
Pyrexia of uncertain origin . . . . .	...	...	...	...	...	...	...	...
Heat-stroke . . . . .	0'65	...	0'29	...	...	...	...	...
Circulatory Diseases . . . . .	0'65	1'60	1'16	...	...	...	...	...
Tubercle of the Lungs . . . . .	...	0'53	0'29	2'75	...	1'38	...	...
Tuberculosis Diseases . . . . .	...	...	...	...	...	...	...	...
Convulsions . . . . .	...	...	...	...	...	...	...	3'33
Pneumonia . . . . .	1'30	...	0'58	...	...	...	...	...
Respiratory Diseases . . . . .	...	0'53	0'29	1'37	...	0'69	2'49	2'50
Teething . . . . .	...	...	...	...	...	...	0'83	1'66
Dysentery . . . . .	0'25	1'06	0'87	1'27	...	0'69	...	0'83
Diarrhoea . . . . .	...	...	...	...	...	...	...	...
Hepatic Abscess . . . . .	...	0'53	0'29	...	...	...	...	...
Anæmia, Debility and Premature birth . . . . .	...	...	...	...	...	...	0'83	0'83
Abortion and affections connected with and consequent on parturition . . . . .	...	...	...	4'12	1'39	2'76	...	...
Deaths not reported in medical returns . . . . .	...	...	1'16	...	...	...	...	...
ALL CAUSES								
TOTAL INCLUDING DEATHS IN ENGLAND AND OTHER COUNTRIES	9'71	12'25	11'00	13'74	6'93	10'34	16'60	18'30

TABLE XIII.

DEATHS OF CHILDREN BY AGES AND CAUSES.

AGE AT DEATH.	Cholera.	Small-pox.	Diphtheria.	Enteric Fever.	Malaria.	Pyæmia of uncertain origin.	Tubercular Diseases.	Convulsions.	Respiratory Diseases.	Teething.	Dysentery.	Diarrhoea.	Anæmia, Debility and Immaturity at birth.	ALL CAUSES.	Average Annual Strength.	Death rate per 1,000 of strength.	Liability. (The previous columns expressed in percentages.)
months . . . . .	...	...	...	...	..	...	...	...	3	1	...	...	3*	12	259	46'33	29'64
6 and 12 months . . . . .	...	1	...	...	...	...	...	2	...	...	...	...	...	7	273	25'64	16'40
12 and 18 " . . . . .	...	1	...	...	...	...	...	1	1	2	...	...	...	8	231	34'63	22'11
18 and 24 " . . . . .	...	...	...	...	...	...	...	...	...	...	1	...	...	1	253	3'95	2'51
2 years and 5 years . . . . .	...	1	1	...	...	...	...	1	...	...	...	...	...	8	463	17'28	11'05
5 " and 10 " . . . . .	...	...	...	1	...	...	...	...	1	...	...	...	...	3	536	5'60	3'58
10 " and 15 " . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	1	289	3'41	2'21
15 " and upwards . . . . .	...	...	...	...	1	...	...	...	...	...	...	...	...	2	103	19'42	12'43
TOTAL	...	3	1	1	1	...	...	4	5	3	1	...	2	42	2,407	17'45	

\* Premature birth 3.

INDEX LIST

No.	Name	Page
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
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59		
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62		
63		
64		
65		
66		
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68		
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71		
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73		
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76		
77		
78		
79		
80		
81		
82		
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84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

## II.—INDIAN TROOPS, 1919.

# TABLE C.

## STATIONS by ARMIES.

STATIONS.	Height above the sea-level in feet.*	Authority for height.†	STATIONS.	Height above the sea-level in feet.*	Authority for height.†	STATIONS.	Height above the sea-level in feet.*
<b>NORTHERN ARMY:—</b>			<b>SOUTHERN ARMY:—</b>			<b>EXTRA INDIA NOT IN THE INDIAN COMMAND.</b>	
Abbottabad	4,010	S. D.	Arangan	...	...	Kowloon—(China)	...
Agra	522	"	Agar	1,671	S. D.	Khatmandu (Nepal)	4,045
Ali Masjid	...	"	Ahmedabad	150	"		
Alipore	18	S. D.	Ahmednagar	2,171	"		
Allahabad	311	"	Ajmer	1,627	"		
Almora	5,494	"	Anandi	...	"		
Ambala	902	"	Aurangabad	1,905	M. D.		
Amritsar	756	"	Bangalore	2,999	S. D.		
Attock	1,110	"	Baroda	130	"		
Bakloh	4,585	S. G.	Belgaum	2,520	"		
Bannu	1,250	S. D.	Bikaner	...	"		
Bareilly	561	"	Bellary	1,481	S. D.		
Barian and Khyragali	7,133	I. B.	Bhamo	355	"		
Barrackpore	24	S. D.	Bombay	20	"		
Benares	256	"	Cannanore	40	"		
Bharatpur	...	"	Chaman	4,317	S. G.		
Bhowalt	...	"	Deoli	1,122	S. D.		
Burhan	1,255	S. D.	Deolali	1,892	S. D.		
Barbhan Camp	...	"	Deesa	...	"		
Campbellpore	1,180	S. D.	Dhond	...	"		
Cawnpore	407	"	Erinpura	872	S. D.		
Chakdara	2,358	"	Fort Sandeman	4,600	"		
Chaklala	...	"	Goonna	1,617	S. G.		
Chamiari Camp and Kuldana	...	"	Gumbaz	3,050	"		
Changlagali	8,420	S. D.	Hindubagh	5,821	S. D.		
Cherat	4,286	"	Hyderabad (Sind)	94	"		
Chitral	4,080	"	Jaipur	1,522	"		
Dardoni (Miranshah)	3,036	"	Jhansi	847	"		
Dargai	1,540	"	Jodhpur	...	"		
Dehra Dun	2,229	"	Jubbulpore	1,318	S. D.		
Delhi	706	"	Kamptee	938	"		
Dera Ismail Khan	566	"	Karachi	33	"		
Dharmasala	4,500	"	Khandwa	...	"		
Dholpur	...	"	Kila Saifulla	5,080	S. D.		
Dinapore	171	S. D.	Khandala	...	"		
Dum Dum	...	"	Kierkee	1,853	S. D.		
Fatehgarh	467	S. D.	Loralai	4,699	"		
Ferozepore	645	"	Lwckaw	...	"		
Fort Cavagnary	6,100	"	Lakaband	...	"		
Fort Jamrud	1,550	"	Mandalay (Fort Dufferin)	246	S. D.		
Fort Lockhart	6,613	"	Maymyo	3,508	"		
Fort William	17	S. G.	Mhow	1,927	"		
Fyzabad	327	S. D.	Murgha	5,012	"		
Ghoom	7,300	"	Musakhel	4,400	"		
Gyantsi	12,825	"	Melktila	773	"		
Hangu	2,708	"	Myitkyina	...	"		
Jhelum	751	"	Manmad	...	"		
Jullunder	900	S. G.	Nasirabad	1,461	S. D.		
Jutogh	6,778	S. D.	Neemuch	1,613	"		
Kacha Gashi	...	"	Nowgong	735	"		
Kakul Camp	...	"	Ootacamund	7,440	"		
Kila Drosch	4,340	S. D.	Pachmarhi	3,490	"		
Kohat	1,700	"	Pishin	5,063	"		
Lahore	706	"	Poona	1,864	"		
Landi Kotal	...	"	Port Blair	85	"		
Lansdowne	6,060	S. D.	Quetta	5,507	"		
Lucknow	390	"	Rajkot	421	"		
Ludhiana	806	I. B.	Rangoon	15	"		
Malakand	2,740	S. D.	Ramandroog	...	"		
Mardan	1,000	"	Santa Cruz	58	S. D.		
Meerut	727	"	Satara	2,200	"		
Mona	...	"	Saugor	1,753	"		
Montgomery	600	I. B.	Secunderabad and Bolarum	1,773	"		
Multan	400	S. D.	Shelabagh	6,390	I. B.		
Muttra	557	"	Sibi	436	S. D.		
Moradabad	655	"	Sumerpore	393	"		
Nathnagar	...	"	St. Thomas' Mount and Madras	250	"		
Naini Tal	6,400	S. D.	Sehore	1,616	"		
Nowshera	566	"	Shwebo	345	"		
Oghi	...	"	Thamakan	...	"		
Patiala	...	"	Thayetmyo	145	S. D.		
Peshawar	1,149	S. D.	Trichinopoly	234	"		
Parachinar	...	"	Trivandrum	50	"		
Phillour	...	"	Vizianagram	...	"		
Rawalpindi	1,637	S. D.					
Rewat Camp	...	"					
Risalpur	1,014	S. D.					
Rurki	877	"					
Rai Bareli	351	S. G.					
Sargodah	...	"					
Shillong	4,921	S. D.					
Shahjahanpur	507	S. G.					
Sialkot	829	S. D.					
Simla	7,230	"					
Sitapur	444	"					
Takdah	5,300	"					
Tank	880	"					
Thal	2,450	"					

\* These heights are usually those of the survey-marks or of the mercury surface in barometer-cisterns of Meteorological observatories.  
 † S. D. = Survey Department (Map Publication Office); S. G. = Surveyor-General of India; I. B. = Intelligence Branch of the Division Chief of the Staff; M. D. = Meteorological Department.

TABLE XIV.

RATIOS of ARMIES.

The ratios of admissions and deaths to strength are taken from Table XVI.

	RATIO PER 1,000 OF THE AVERAGE STRENGTH.		
	Northern Army.	Southern Army.	Army of India.*
AVERAGE ANNUAL STRENGTH . . . . .	129,713.	91,770	229,731
PERMANENTLY SICK . . . . .	41.0	39.1	40.0
MISSION RATE OF THE YEAR—			
Influenza . . . . .	21.3	52.0	34.7
Cholera . . . . .	0.6	0.5	0.6
Small-pox . . . . .	1.4	2.1	1.7
Enteric Fever . . . . .	0.4	0.4	0.4
Malaria . . . . .	164.5	123.0	145.6
Sandfly Fever . . . . .	23.4	0.4	13.4
Pyrexia of uncertain origin . . . . .	2.3	2.2	2.3
Plague . . . . .	0.1	0.2	0.1
Tubercle of the Lungs . . . . .	4.3	3.6	4.0
Pneumonia . . . . .	15.5	9.4	12.8
Respiratory Diseases . . . . .	63.4	48.4	56.8
Dysentery . . . . .	8.8	12.7	10.5
Diarrhoea . . . . .	15.7	27.4	20.6
Hepatic { Abscess . . . . .	0.1	0.1	0.1
{ Congestion and Inflammation . . . . .	1.1	1.0	1.0
Scurvy . . . . .	0.2	1.1	0.6
Veneral Diseases . . . . .	35.6	78.4	65.1
ALL CAUSES . . . . .	787.2	740.3	767.5
MATH RATE OF THE YEAR—			
Cholera . . . . .	0.36	0.31	0.34
Small-pox . . . . .	0.12	0.21	0.16
Enteric Fever . . . . .	0.04	0.07	0.06
Malaria . . . . .	0.54	0.54	0.54
Sandfly Fever . . . . .	...	...	...
Pyrexia of uncertain origin . . . . .	...	...	...
Plague . . . . .	0.07	0.11	0.09
Circulatory Diseases . . . . .	0.19	0.32	0.24
Tubercle of the Lungs . . . . .	1.13	1.02	1.08
Pneumonia . . . . .	3.38	2.28	2.85
Respiratory Diseases . . . . .	1.53	1.04	1.31
Dysentery . . . . .	0.12	0.26	0.18
Diarrhoea . . . . .	0.01	0.02	0.01
Hepatic Abscess . . . . .	0.02	0.03	0.02
Anæmia and Debility . . . . .	0.02	0.6	0.04
ALL CAUSES . . . . .	11.81	12.26	11.94

\*Including Group Extra Indis and troops on the line of march.

TABLE XV.

RATIOS of GEOGRAPHICAL GROUPS.

The ratios of admissions and deaths to strength are taken from Table XVI.

	RATIO PER 1,000 OF THE AVERAGE STRENGTH.												Arms and Ammunition
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
	Burma Coast and Bay Islands.	Burma Inland.	Assam.	Bengal and Orissa.	Gange- tic Plain and Chutia Nagpur.	Upper Sub- Hima- laya.	N.-W. Frontier, Indus Valley, and N.-W. Raj- putana.	S.-E. Rajpu- tana, Central India, and Gujarat.	Decan.	West- ern Coast.	South- ern India.	Hill Stations.	
I.—AVERAGE ANNUAL STRENGTH . . . . .	1,420	3,904	...	3,909	12,664	66,329	35,007	26,683	39,124	4,811	9,480	24,152	239
II.—CONSTANTLY SICK . . . . .	23'2	41'0	...	30'7	32'4	47'0	42'6	29'3	32'3	38'8	42'0	33'6	4
III.—ADMISSION RATE OF THE YEAR—													
Influenza . . . . .	3'5	12'6	...	206'2	35'5	3'7	38'0	63'4	15'8	99'4	110'5	46'7	3
Cholera . . . . .	...	...	...	0'5	0'9	0'5	0'1	1'1	0'7	1'2	0'8	0'4	4
Small-pox . . . . .	...	1'3	...	0'5	0'9	1'6	1'7	1'9	1'0	1'2	8'8	1'0	5
Enteric Fever . . . . .	...	...	...	1'0	0'4	0'2	0'7	0'6	0'3	0'2	0'8	0'6	6
Malaria . . . . .	52'8	176'0	...	144'5	73'5	126'3	300'8	104'8	76'4	216'6	98'5	183'5	7
Sandfly Fever . . . . .	...	...	...	...	1'9	17'1	27'8	33'5	...	...	...	2'3	8
Pyrexia of uncertain origin . . . . .	5'6	3'3	...	0'5	0'2	3'1	1'7	0'1	0'1	37'0	0'5	1'7	9
Plague . . . . .	...	0'8	...	2'8	...	0'0	...	0'1	0'2	...	0'3	0'0	10
Tubercle of the Lungs . . . . .	1'4	1'3	...	3'8	3'9	5'1	3'2	3'6	4'0	4'8	3'2	3'6	11
Pneumonia . . . . .	34'5	14'3	...	2'6	8'3	18'3	17'7	10'3	6'8	9'4	3'0	10'7	12
Respiratory Diseases . . . . .	89'4	57'9	...	42'5	41'5	67'6	76'7	42'9	50'9	41'6	48'9	47'8	13
Dysentery . . . . .	...	9'0	...	12'8	4'3	9'6	18'5	3'7	12'7	41'4	5'5	4'6	14
Diarrhoea . . . . .	2'8	16'6	...	20'0	16'7	14'3	18'2	28'1	31'7	88'3	8'9	11'3	15
Hepatic { Abscess Congestion and Inflammation . . . . .	...	0'3	...	0'3	0'1	0'1	0'0	...	0'1	...	0'1	0'2	16
Scurvy . . . . .	...	1'5	...	...	0'6	0'7	2'1	0'5	1'2	1'9	0'7	1'0	17
Venereal Diseases . . . . .	71'1	152'9	...	50'1	65'7	73'3	25'9	33'0	78'5	213'9	120'3	37'4	18
ALL CAUSES . . . . .	476'1	772'0	...	925'3	626'6	800'4	933'9	668'6	711'5	1,281'0	761'4	633'1	19
IV.—DEATH RATE OF THE YEAR—													
Cholera . . . . .	...	...	...	0'26	0'55	0'30	...	0'60	0'51	0'42	0'42	0'29	20
Small-pox . . . . .	...	...	...	...	...	0'15	0'14	0'04	0'65	...	1'58	0'12	21
Enteric Fever . . . . .	...	...	...	0'26	0'16	0'03	0'09	0'04	0'03	...	0'21	...	22
Malaria . . . . .	1'41	1'79	...	0'51	0'32	0'63	0'60	0'33	0'28	0'21	0'63	0'75	23
Sandfly Fever . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	24
Pyrexia of uncertain origin . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	25
Plague . . . . .	...	0'76	...	1'79	...	0'03	...	0'04	0'13	...	0'32	0'04	26
Circulatory Diseases . . . . .	...	0'51	...	...	0'08	0'18	0'20	0'41	0'31	0'42	0'32	0'21	27
Tubercle of the Lungs . . . . .	...	0'26	...	0'26	0'24	1'33	0'77	1'35	1'05	1'04	0'53	1'61	28
Pneumonia . . . . .	9'86	4'35	...	0'51	1'66	4'00	4'06	2'32	1'79	1'87	0'53	2'24	29
Respiratory Diseases . . . . .	0'70	0'26	...	1'79	0'79	1'30	2'31	1'61	0'69	0'42	1'58	1'16	30
Dysentery . . . . .	...	0'77	...	0'26	...	0'12	0'09	0'19	0'28	...	0'11	0'37	31
Diarrhoea . . . . .	...	...	...	...	...	...	0'03	0'04	0'03	...	...	...	32
Hepatic Abscess . . . . .	...	...	...	...	0'08	...	...	...	0'05	...	...	0'08	33
Anæmia and Debility . . . . .	...	...	...	...	...	0'03	...	...	0'05	0'42	...	0'12	34
ALL CAUSES . . . . .	15'49	11'78	...	15'35	8'61	11'16	15'97	10'79	8'41	13'93	10'86	16'89	35

\*Including Group Extra India and troops on the line of march.

TABLE XVI.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	Soft Chancere.	Gonorrhœa.
...	209	14'4	...	...	...	81'3	...	38'3	...	...	4'8	67'0	...	4'8	...	...	...	9'6	33'5	535'2	23'92	23'9	9'6	...	
	1,211	1'7	...	...	...	47'9 1'65	...	...	3'3	1'7 11'36	39'6 0'83	93'3	...	2'5	...	...	...	12'4	77'6	465'7 18'17	23'12	9'1	52'8	15'7	
...-BUR- ...-ST AND ...-LANDS.	1,420	3'5	...	...	...	52'8 1'41	...	5'6	...	2'8	1'4	34'5 9'86	89'4 0'70	...	2'8	...	...	12'0	71'1	476'1 15'49	23'24	11'3	46'3	13'4	
	69	202'9 14'49	...	...	...	...	...	...	...	...	...	14'5	14'5	29'0	...	...	...	14'5	29'0	376'8 14'49	14'49	...	14'5	14'5	
...	225	...	...	22'2	...	4'4	...	4'4	...	...	8'9	13'3	26'7	4'4	...	...	...	4'4	26'7	346'7 4'44	35'36	...	26'7	...	
	1,253	...	...	...	...	140'5 80	...	9'6	2'4 80	9'6 80	0'8	2'4	45'5	18'4	11'2	...	1'6	...	9'6	300'9	864'3 8'78	47'09	16'8	134'9	149'2
... (Man- ...-...)	1,213	25'6 0'82	...	...	...	234'1 1'65	...	...	3'3	1'6 0'82	41'2 10'72	96'5	0'8	25'6	0'8	2'5	...	30'3	125'3	1,028'0 18'96	49'46	30'5	41'2	53'6	
	618	...	...	...	...	61'5 1'62	...	...	8'1	...	...	19'4	4'9	9'7	...	...	...	4'9	43'7	317'2 3'24	17'80	22'7	6'5	14'6	
...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	33	...	...	...	...	333'3	...	...	...	...	30'3	...	30'3	...	...	...	...	...	...	...	...	...	...	...	...
...	444	9'0 2'2	...	...	...	344'6 6'76	...	...	2'3	2'3	2'3	76'6	2'3	9'0	...	2'3	...	22'5	60'8	718'5 18'02	42'79	24'8	24'8	11'3	
	33	...	...	...	...	72'3	...	...	...	...	...	30'3	...	212'1	...	...	...	...	121'2	1,272'7	30'30	...	60'6	60'6	
...-INLAND	3,904	12'6 77	...	1'3	...	176'0 1'79	...	3'3	0'8 76	5'6 51	1'3 26	14'3 4'35	57'9 26	9'0 77	16'6	0'3	1'5	...	22'5	152'9	772'0 11'78	40'98	21'3	61'0	70'7
	926	290'5 10'80	...	...	1'1	91'8	...	...	...	...	3'2	3'2	44'3	21'6	22'7	...	...	...	27'0	64'9	1,143'6 16'20	25'64	15'1	37'8	11'9
...	1,141	223'5 4'38	0'9 0'88	1'8	0'9	197'2	...	...	...	...	7'9	3'5	39'4	26'3 0'85	20'2	...	0'9	26'3	64'9	1,128'0 9'64	37'69	7'9	29'8	27'2	
	193	...	...	...	...	704'7	...	...	...	...	5'2 5'18	5'2 5'18	...	25'9	5'2	...	...	...	77'7	1,119'2 10'36	36'27	36'3	5'2	36'3	
...	1,411	193'3 9'21	...	...	1'4 0'71	51'7 1'42	...	...	7'8 4'96	...	2'1 0'71	50'3 4'25	...	6'4	...	...	...	41'8	32'6	623'7 21'26	23'39	16'3	7'1	9'2	
	238	37'8	4'2	...	...	210'1	...	...	8'4	...	...	8'4	33'6	...	84'0	...	...	4'2	4'2	735'3 8'40	16'81	4'2	...	...	
...-INLAND	3,909	206'2 7'15	0'3 0'26	0'5 0'26	1'0	144'5 0'51	...	0'5	2'8	...	3'8	2'6	42'5	12'8	20'0	0'3	...	0'3	29'4	50'1	925'3 15'35	30'70	13'8	20'5	13'9

TABLE XVI—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.			
B																									
Dinapore . . . . .	1,416	68.5 3.53	...	0.7	2.1 1.41	34.6	...	...	...	5.6	4.2	0.7 0.71	36.7	...	9.9	...	0.7	...	16.9	32.1	830.5 8.44	46.61			
Benares . . . . .	1,141	73.6 3.51	...	...	...	50.0	...	...	...	5.3	12.3	15.8 0.88	42.1	...	59.9	...	0.9	0.9	21.0	62.2	780.9 3.01	37.44			
Allahabad . . . . .	2,086	72.4 3.84	1.0 0.48	...	...	12.9	...	...	...	2.9	2.9	2.9 0.48	31.6	...	1.0	...	...	...	4.4	89.2	583.2 0.71	35.95			
Rai Bareilly . . . . .	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.1	200.0	...			
Fyzabad . . . . .	1,109	49.6 3.61	6.3 0.9	0.9	0.9	16.2	...	...	...	1.8	2.7	0.9	13.5	0.9	7.2	...	...	...	18.9	37.6	415.7 8.12	18.94			
Lucknow . . . . .	3,576	8.7 2.24	...	1.1	0.3	5.9	...	0.6	...	0.6	3.1	10.3 2.52	45.9	5.3	10.3	0.3	1.7	...	12.0	31.3	309.0 9.79	12.86			
Cawnpore . . . . .	1,030	23.3	...	5.9	...	28.4	20.4	...	...	35.0	3.9	13.6 3.88	50.5	...	1.0	...	...	...	20.4	50.5	1,147.6 6.80	59.22			
Sitapur . . . . .	1,546	3.9 2.59	1.3 1.29	...	...	55.6	1.9	...	...	3.2	2.6	6.5 0.65	56.9	2.6	22.6	...	...	0.6	84.1	656.5 6.47	32.34				
Fatehgarh . . . . .	725	1.4 1.38	...	2.78	...	52.8	...	...	...	1.4	1.4	24.8 8.28	55.2	42.8	1.4	...	...	...	12.4	71.7	1,201.4 19.31	64.83			
GROUP V.—GANGETIC AND NAGPUR.	12,664	35.5 2.37	0.9 0.55	0.9 0.16	0.4 0.32	73.5	1.9	0.2	...	5.2	3.9	8.3 1.66	41.5	4.3	16.7	0.1	0.6	0.1	13.7	65.7	626.6 8.61	32.45			
A																									
Shahjahanpur . . . . .	803	44.8 1.25	...	...	...	38.3	...	...	...	2.5	1.2	5.9 1.25	29.9	1.2	57.3	...	...	...	...	117.1	002.9 7.47	39.85			
Barceilly . . . . .	5,001	0.2	...	1.0	...	120.0	0.6	5.0	...	4.2	2.0	10.6 2.80	7.4	22.0	11.2	...	0.6	...	25.0	65.4	946.8 6.20	43.59			
Moradabad . . . . .	169	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.8	106.3 5.92	41.42			
Delli . . . . .	4,291	...	...	...	...	151.9	0.2	30.5	...	14.0	2.8	21.0 0.93	39.2	14.0	18.4	1.2	0.9	1.9	24.7	103.2	983.0 8.86	60.82			
Meerut . . . . .	5,055	...	...	4.0	...	29.5	...	0.2	...	2.4	5.5	20.9 1.19	130.6	24.9	5.7	...	...	...	14.2	148.0	927.8 0.40	50.64			
Rurki . . . . .	3,792	0.3	...	2.1	3.4	18.5	...	0.3	...	1.6	5.5	9.0 0.79	33.8	8.2	5.3	...	1.3	...	16.6	51.7	361.5 0.26	23.21			
De'ra Dun . . . . .	4,944	6.3 0.40	1.4 0.61	2.2	0.2	215.4	1.2	...	...	6.9	6.9	14.5 3.05	95.8	23.0	11.5	0.2	0.2	...	20.2	65.3	816.5 0.20	53.20			
Ambala . . . . .	6,706	2.1 0.15	...	0.6	0.1	127.3	41.8	0.7	...	3.9	6.3	13.7 4.80	37.0	15.5	38.9	...	0.3	0.6	16.4	105.4	799.0 8.65	42.20			
Patiala . . . . .	151	53.0 0.62	...	...	...	33.1	...	...	...	0.45	1.34	2.54 0.6	92.7	...	...	...	...	...	...	39.7	490.1 13.25	26.49			
B																									
Ludhiana . . . . .	205	...	...	...	...	117.1	...	...	...	4.9	...	9.8 4.88	48.8	...	9.8	...	...	...	...	58.5	53.7	804.9 4.88	39.02		
Phillour . . . . .	49	...	...	...	...	367.3	...	...	...	...	...	...	...	...	...	...	...	...	...	61.2	653.1	...	20.4		
Ferozepore . . . . .	3,413	...	...	1.5	0.6	151.2	112.5	1.2	...	3.5	0.9	39.0 7.32	121.0	3.5	6.2	...	1.2	0.3	28.4	66.4	956.9 12.01	44.74			
Jullundur . . . . .	5,908	0.3 10.7	...	0.8	1.0	132.9	34.7	0.7	...	5.4	2.2	12.7 0.68	42.0	0.3	2.4	...	...	...	23.9	25.4	714.8 10.16	39.94			
Amritsar . . . . .	2,147	0.47 10.7	...	0.5	0.9	104.3	...	1.9	...	3.7	4.7	28.9 0.93	47.5	1.4	9.8	0.5	0.9	...	34.0	134.6	791.6 0.47	55.89			
Lahore Cantonment . . . . .	4,492	22.7 5.79	2.4 1.34	1.8	...	152.3	27.6	...	...	0.2	4.5	9.1 1.34	29.8	8.2	1.6	4.5	...	0.2	...	14.7	79.0	940.8 21.37	50.76		
Sialkot . . . . .	6,110	0.82 0.49	0.8 0.33	1.3	...	87.4	...	0.2	...	3.6	6.7	17.8 0.16	54.2	1.6	26.2	0.2	2.6	...	20.5	66.8	711.0 1.60	59.74			
Jhelum . . . . .	5,757	...	...	2.4	...	260.1	1.6	...	...	0.3	8.3	7.5 0.17	39.9	3.6	10.6	...	0.2	0.2	25.2	30.6	841.8 9.73	54.89			
Sargodha . . . . .	110	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Chaklala . . . . .	1,623	...	...	0.6	...	199.6	0.6	...	...	4.9	8.0	24.6 2.46	53.0	12.9	15.4	...	0.6	1.8	28.3	36.4	692.5 0.62	32.04			
Mona . . . . .	12	...	...	...	...	83.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83.3	416.7	39.17		
Rawalpindi . . . . .	3,849	6.0 2.86	...	2.3	0.5	81.8	31.4	...	...	2.3	5.3	13.5 3.78	89.1	2.1	5.7	...	0.5	...	16.1	82.4	669.0 16.11	41.83			
Burhan . . . . .	533	...	...	3.8	...	20.6	...	...	...	1.9	1.9	20.6 1.88	67.5	...	3.8	...	1.9	...	1.9	13.1	318.9 1.88	16.89			
Campbellpore . . . . .	1,059	...	...	2.8	...	91.6	...	0.9	...	1.9	1.9	18.9 4.72	64.2	5.7	37.8	...	1.9	0.9	12.3	20.7	874.4 6.61	51.91			
Attock . . . . .	150	...	...	6.7	...	466.7	...	166.7	...	6.7	...	6.7 1.40	140.6	6.7	66.7	...	...	...	73.3	6.7	1,173.3	49.0			
GROUP VI.—UPPER SUB-HIMALAYA.	66,329	3.7 0.77	0.5 0.30	1.6 0.15	0.2 0.03	126.3	1.1	3.1	0.0	4.9	5.1	18.3 4.00	57.6	9.6	14.3	0.1	0.7	0.3	20.7	73.3	800.4 0.11	47.05			
A																									
Mardan . . . . .	1,227	...	...	1.6	1.6	403.4	27.7	1.6	...	0.8	2.4	28.5 5.70	113.3	3.3	17.9	...	3.9	0.8	32.6	31.0	1,132.0 7.33	44.82			
Risalpur . . . . .	1,588	1.9 0.63	...	0.6	5.7	197.1	3.1	...	...	...	6.0	29.0 0.63	69.3	34.0	20.8	0.6	...	...	8.8	15.1	679.5 9.45	38.34			
Nourshera . . . . .	3,346	9.3 0.30	...	2.7	...	166.2	54.1	...	...	1.5	3.9	17.0 3.29	99.8	4.5	27.2	...	0.9	0.3	19.1	18.5	800.7 13.45	39.15			
Peshawar . . . . .	2,360	130.7 25.30	0.6	5.7	...	545.8	154.5	0.9	...	4.5	4.2	20.8 0.90	99.1	2.7	33.9	...	0.9	...	26.5	31.0	1,545.2 30.61	67.80			

REGIONS AND SUPPL.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.										
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lung.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK-RATE.	Syphilis.	Soft Chanere.	Gonorrhœa.	
ud	739	32'5	...	1'4	...	153'3	62'2	...	...	4'1	...	12'2	18'9	...	8'1	...	...	16'2	26'3	590'0 1'35	10'83	...	8'1	12'2		
shi	1,068	84'3 5'62	...	0'9	...	73'2	32'8	...	...	0'9	...	1'7	69'3	...	21'5	...	...	24'3	8'4	612'4 6'55	7'49	2'8	2'8	2'8		
d.	1,242	49'1 4'83	...	...	...	450'1	...	...	...	4'0	0'8	1'6	100'6	...	7'2	...	...	72'5	45'1	1,384'1 5'64	12'08	6'4	12'9	25'8		
	2,445	2'9 1'23	...	1'2	1'2	431'6 2'04	34'8	7'4	...	4'9	2'0	33'9 7'77	101'8 6'13	48'7	1'0	...	0'4	...	22'1	36'4	1,274'4 19'22	71'16	4'1	12'3	20'0	
	1,300	26'9 3'85	0'8	...	...	833'8 0'77	27'7	6'2	...	6'9	0'8	20'0 4'62	81'3	33'1	14'6	...	...	0'8	52'3	13'1	1,460'0 18'46	23'08	2'3	3'8	6'2	
	1,087	7'4 1'84	...	0'9	...	164'7 0'92	7'4	0'9	...	1'8 6'92	8'3 0'92	19'3 1'84	69'9	4'6	46'0	...	0'9	...	2'8	17'5	908'0 9'20	53'44	6'4	0'9	10'1	
	891	...	...	...	...	468'0	...	2'2	...	1'1	3'4 1'12	31'4 7'86	15'7	49'4	15'7	...	...	3'4	101'0	12'3	1,105'5 8'98	40'40	1'1	3'4	7'9	
ail Khan	819	37	...	...	1'2	172'2	...	21'0	...	...	4'9 1'22	20'3 10'99	57'4 1'22	1'2	4'0	...	...	...	47'6	44'0	1,073'3 14'65	5'47	6'1	12'2	25'6	
ery	1,105	80'7 7'73	...	2'6	...	700'4 86	3'4	...	...	4'3	5'2	8'6 0'86	7'7	1'7	5'2	...	...	...	27'5	16'3	1,164'8 10'30	38'63	3'4	2'6	10'3	
	4,595	...	...	2'6	...	71'2	...	...	...	1'1 0'22	2'4 0'65	7'6 2'61	58'1 2'39	...	2'8	...	12'6	0'2	4'8	34'6	262'4 6'96	18'50	6'1	8'1	20'5	
	92	...	...	...	...	10'9	...	...	...	...	...	10'9	76'1	...	10'9	...	...	...	...	54'3	793'51	54'35	32'6	10'9	10'9	
	104	...	...	9'6	...	76'9	...	...	...	...	...	9'6 19'23	...	...	9'6	...	...	19'2	...	19'2	355'7 19'23	19'23	...	9'6	9'6	
B	1,691	67'4 5'91	...	...	2'4	258'4 1'18	0'6	...	...	2'4	1'2 0'59	17'1 8'87	100'5 9'40	4'1	9'5	...	...	...	15'4	10'1	639'51 28'98	30'03	3'0	1'8	5'3	
r	283	...	...	...	...	70'7	60'1	21'2	...	3'5	...	3'5	38'9 14'13	...	7'1	...	...	...	183'7	3'5	667'8 14'13	14'13	...	...	3'5	
	806	...	...	...	...	75'7 1'24	...	...	...	2'5 1'24	1'2 2'48	39'7 9'93	43'4	16'1	52'0	...	...	...	2'5	27'3	21'1	656'3 14'91	35'98	6'2	5'0	9'9
	1,114	12'6 8'08	...	...	...	111'3 5'39	...	...	...	7'2 0'99	2'7 0'90	20'6 8'98	19'7 3'59	41'3	18'0	...	...	...	18'9	51'2	579'0 29'62	57'45	5'4	17'1	28'7	
C	1,568	2'6 0'61	...	2'6	0'6	115'4	0'6	...	...	3'2	3'2	10'8 1'28	17'9	...	4'5	...	0'6	1'9	17'9	84'8 0'64	539'5 7'02	38'90	11'5 0'64	24'9	48'5	
d (Sind)	4,477	90'5 12'51	...	0'9	0'7	323'0	...	...	...	2'7	4'5 1'56	13'2 2'23	68'1 1'34	64'1	21'2	...	...	0'4	1'6	19'7	1,110'6 21'44	61'43	15'0	19'7	37'5	
IL--N- ONTIER, VALLEY, NORTH- ERN RAJ- A.	35,007	38'0 5'51	0'1	1'7	0'7	300'8 0'60	27'8	1'7	...	2'7 0'10	3'2 0'77	17'7 4'06	70'7 2'31	18'5 0'09	18'9 0'03	0'0	2'1	0'6	25'1	35'9	933'9 15'97	42'65	6'0 0'03	10'8	19'1	

TABLE XVI—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.											2. DEATH RATE.											
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scorvy.	Anaemia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	
<b>A</b>																								
Rajkot . . .	760 {	...	...	1'3	...	353'9	...	...	...	7'9	7'9	13'2	88'2	7'9	31'6	...	...	1'3	23'7	50'0	1,093'4 10'53	44'74	10'3	
Deesa . . .	1,155 {	168'0 13'85	1'7 0'87	...	...	403'0	...	0'9	...	0'9	4'3	8'7	14'7	...	2'6	...	0'9	2'6	10'4	48'5	853'7 21'65	33'77	6'1	
Ahmedabad . . .	3,051 {	...	0'7	0'3	0'7	62'6	...	...	...	1'0	2'6	18'0	66'5	3'3	80'6	...	...	0'7	19'7	31'8	500'5 7'87	21'96	8'3	
Baroda . . .	664 {	105'4 ...	7'5 4'52	3'0	...	224'4	...	1'5	...	1'5	...	6'0	96'3	3'0	7'5	...	1'5	3'9	12'0	46'7	975'9 9'04	39'16	3'0	
<b>B</b>																								
Erinpura . . .	595 {	16'8 3'36	...	...	...	102'5	...	...	...	8'4	11'8	26'9	58'8	6'7	6'7	...	...	6'7	16'8	35'7	541'0 11'77	20'17	5'0	
Neemuch . . .	478 {	8'4	...	...	2'1	232'2 2'09	8'4	...	...	10'5	6'3	8'4	8'4	...	20'9	...	...	...	6'3	29'3	562'8 10'46	20'92	14'1	
Deoli . . .	582 {	...	...	...	...	30'9	...	...	...	3'4	6'9	8'6	37'8	...	6'9	...	1'7	...	17'2	60'1	472'5 10'31	25'77	3'0	
Nasirabad . . .	2,378 {	16'8 1'68	...	0'4	...	183'8 2'94	14'3	...	...	15'1	5'5	16'8	50'9	...	33'2	...	1'3	8'8	39'5	27'8	804'0 18'50	39'53	6'1	
Ajmer . . .	526 {	26'6 1'90	...	...	1'9	77'9	...	...	...	7'6	...	22'8	58'9	...	28'5	...	...	...	17'1	72'2	646'4 17'11	32'32	11'4	
Jaipur . . .	16 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38'5	...	...	
Multra . . .	985 {	98'5 5'08	...	1'0	...	113'8	...	...	...	1'0	3'0	7'1	40'6	34'5	147'2	...	1'0	...	15'2	39'6	868'0 12'18	41'62	8'1	
Bharatpur . . .	201 {	...	...	...	...	10'0 4'98	...	...	...	...	...	44'8	19'9	...	...	...	...	...	5'0	14'9	233'8 14'93	9'95	...	

STATIONS AND ROUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	Soft Chancre.	Gonorrhœa.
VIII.— EASTERN INDIA, GUJARAT.	4,050	...	5'2 2'96	3'0 0'25	...	21'2	209'9	...	...	1'0 0'25	2'7 0'44	3'9 1'97	30'1 0'74	0'2 0'25	8'1	...	0'2 0'25	...	8'4	29'3	562'7 8'38	17'20	4'9	10'6	13'8
	101	9'9 9'90	...	...	...	29'7	...	...	...	...	...	39'7 9'90	29'7	...	9'9	...	...	...	...	39'4	623'8 39'60	29'7	39'6	9'9	9'9
	5,253	190'4 1'14	...	6'5	...	92'1	...	...	...	4'8 0'38	1'9 1'14	1'1 0'57	22'1 2'28	1'5 0'19	21'9	...	0'2 0'2	0'2	14'7	33'3	753'5 9'14	30'27	3'4	13'3	16'6
	146	...	...	...	...	356'2	27'4	...	...	...	6'8 6'55	6'8	47'9	...	13'7	...	...	...	...	27'4	589'0 6'85	20'55	...	20'5	6'8
	393	...	...	...	...	94'1	...	...	...	...	...	...	25'4 2'54	7'6	7'6	...	2'5	...	7'6	15'3	353'7 2'54	12'81	...	5'1	10'2
	262	45'8 7'63	...	...	...	99'2	...	...	...	...	3'8	...	42'0 3'82	...	3'8	...	...	...	19'1	1'1	530'5 11'45	22'99	...	3'8	15'3
	417	...	...	...	...	76'7	...	...	4'8 2'40	9'6	...	9'6	9'6	...	4'5	...	...	...	4'8	40'8	961'6 11'99	45'56	4'8	...	36'0
4151	3'4 0'24	...	...	2'9 0'24	120'0	...	...	4'8 0'24	5'3 1'45	16'4 3'61	47'9 1'93	5'1 0'48	12'5	...	0'2	...	...	12'3	25'3	583'5 10'12	35'89	4'6	9'6	11'1	
500	10'0 2'00	...	...	...	128'0	...	...	4'0	2'0	10'0	128'0	18'0	10'0	...	4'0	2'0	...	...	6'0	672'0 2'00	16'00	...	2'0	4'0	
25,683	63'4 1'46	1'1 0'60	1'9 0'04	0'6 0'04	104'8 0'33	33'5	0'1	0'1 0'04	4'5 0'41	3'6 1'35	10'3 2'32	42'9 1'61	3'7 0'19	28'1 0'04	...	0'5 0'04	1'3	15'4	33'0	668'6 10'79	29'27	5'5	10'4	17'1	
A	2,503	2'8 0'80	0'4 0'40	...	0'4 0'40	26'8 1'20	...	...	...	2'4 0'40	1'2	3'6	48'7 0'80	...	2'8	...	2'8	...	17'6	31'6	481'0 7'19	30'76	3'2	16'4	12'0
	6,511	50'0 1'38	...	1'2	...	120'5 0'46	...	0'6 0'31	0'8 0'15	3'5 0'31	5'2 1'84	29'3 0'15	21'3 0'15	12'0	...	...	1'2	28'4	63'8	779'0 5'48	36'50	16'1	25'9	21'8	
	157	...	...	...	...	...	...	...	...	6'4	...	...	...	...	...	...	...	...	8'4	95'5 6'37	40'64	70'1	12'7	...	
	1,069	0'9 11'22	17'8 ...	0'9	...	72'0	...	...	13'1 0'94	0'9	0'4 2'81	37'4	2'8	16'8	...	0'9	...	12'2	79'5	697'8 16'84	48'64	3'7	18'7	57'1	
	2'6	4'4	...	...	...	389'4	...	...	17'7	8'8 8'85	4'4	70'8	70'8	97'3	...	...	17'7	57'5	84'1	1,650'4 13'27	79'65	17'7	35'4	31'0	
B	1,483	13'5 ...	0'7 1'55	...	...	120'7 0'67	...	...	...	...	4'0 2'02	7'4 3'37	4'9 1'35	17'5	35'7	...	1'3	...	19'6	62'7 0'67	704'7 13'49	39'78	12'8 0'67	25'6	24'3
	2,796	10'0 0'72	0'4 0'36	...	...	47'9 0'36	...	...	7'5	18'6 5'36	8'9 1'79	81'2 1'79	7'5 1'07	96'2	...	1'1	5'7	21'5	84'8 0'36	654'5 17'17	43'63	10'4 0'36	43'6	30'8	
	2,970	9'1	...	...	...	40'4	...	...	9'1 0'34	4'7 2'02	5'1 1'01	54'2 1'01	9'4	11'1	...	2'0	4'0	12'1	57'9	539'4 6'06	27'61	8'1	28'6	21'2	
	2,294	20'5	...	...	...	179'1	...	...	11'8	1'7 0'44	7'8 2'62	46'2 0'87	7'4	32'3	...	...	0'4	115'1	35'3 0'44	860'1 5'67	28'7	8'3 0'44	13'9	13'1	
	1,671	34'1 1'20	1'2 1'20	2'4	...	119'7 0'60	...	...	1'2 0'60	1'8 0'60	6'0 2'99	49'7	14'4 0'60	67'0	...	1'2	...	18'0	44'9	755'8 10'17	37'70	6'6	13'8	24'5	
4,615	4'1 1'08	...	1'3 0'22	1'7	107'9	...	...	0'2 0'22	2'0 0'43	2'8 1'30	6'3	67'2 1'52	17'3 0'43	55'0	0'4	0'9	0'2	8'2	106'0	686'9 7'80	31'20	22'5	47'7	35'8	

TABLE XVI—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.													2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	
Kirkee	3,097	...	0'6	1'3	...	31'0	...	...	0'3	8'1	3'6	11'6	49'7	4'5	45'9	...	0'3	0'6	14'5	79'8	665'2	42'	8'1	
Satara	230	...	0'32	...	...	0'65	...	...	0'32	0'65	0'97	4'84	0'97	0'32	...	...	...	0'32	0'65	...	14'21	...	...	
Secunderabad and Bolarum.	4,810	6'6	0'2	2'5	0'2	36'5	...	...	4'8	0'4	3'8	3'5	2'3	53'0	26'4	6'0	0'2	4'0	0'8	5'8	133'3	828'5	51'14	0'42
Belgaum	4,682	1'5	0'4	1'3	...	7'9	...	...	...	1'5	0'9	11'1	51'3	0'2	31'8	...	0'6	...	5'1	87'1	191'8	35'24	11'1	
GROUP IX.—	39,124	15'8	0'7	1'0	0'3	76'4	...	0'1	0'2	4'8	4'0	6'8	50'9	12'7	31'7	0'1	1'2	1'2	20'7	78'5	711'5	30'26	12'7	
DECCAN.		0'61	0'51	0'05	0'03	0'28	...	...	0'13	0'31	1'05	1'79	0'69	0'25	0'03	0'05	...	0'03	0'05	0'13	8'41	...	0'13	
Rombay	1,650	244'8	3'0	1'2	...	227'3	...	107'9	...	6'1	9'7	22'4	63'6	57'0	54'5	...	3'0	4'8	31'5	240'1	1,701'2	98'79	21'2	
Santa Cruz	503	...	...	...	...	53'9	...	...	...	2'0	2'0	4'0	69'6	...	11'9	...	2'0	...	47'7	55'7	566'6	23'86	9'9	
Cannanore	204	68'6	...	...	...	34'3	...	...	...	...	...	4'9	...	...	...	...	...	...	29'4	294'1	...	14'71	9'8	
Trivandrum	74	...	...	13'5	...	40'5	...	...	...	...	...	13'5	40'5	27'0	...	...	...	...	27'0	324'3	...	13'51	...	
Deolali	2,236	26'8	0'4	1'3	0'4	286'7	...	...	...	11'2	2'7	1'3	25'0	46'1	147'1	...	0'9	...	18'8	260'3	1,330'5	46'51	25'9	
Khondala	144	...	...	...	...	27'8	...	...	...	...	...	6'9	6'9	...	...	...	...	...	...	...	83'3	...	...	
GROUP X.—	4,811	99'4	1'2	1'2	0'2	216'6	...	37'0	...	7'5	4'8	9'4	41'6	41'4	88'5	...	1'6	1'7	24'5	213'9	1,281'0	58'82	20'8	
WESTERN COAST.		6'24	0'42	...	...	0'21	...	...	...	0'42	1'04	1'87	0'42	...	...	...	...	0'21	0'42	0'42	13'03	...	...	
A																								
Ramandroog	15	...	...	...	...	...	...	...	...	...	...	...	66'7	...	66'7	...	...	...	...	...	466'7	...	...	
Bellary	676	310'7	10'4	11'8	...	68'0	...	...	...	1'3	1'3	1'3	121'3	11'8	17'8	...	3'0	4'4	7'4	171'6	1,085'8	50'30	28'1	
Bangalore	5,718	7'40	4'44	1'48	...	...	...	...	...	...	...	...	2'06	...	...	...	...	...	...	20'71	...	...		
B																								
Trichinopoly	1,337	290'2	0'7	...	...	12'0	...	...	...	8'2	5'2	...	38'9	...	3'0	...	...	...	22'4	87'5	728'5	33'66	37	
St. Thomas' Mount and Madras.	1,392	2'99	...	0'75	...	...	...	...	...	0'75	...	...	...	...	...	...	...	...	...	5'24	...	...		
C.																								
Vizianagram	342	97'0	2'9	0'7	35'2	...	2'9	2'9	1'4	0'72	0'72	...	62'5	5'7	22'3	...	...	...	21'6	130'4	657'3	49'57	3'6	
C.																								
Vizianagram	342	103'0	8'8	...	...	11'7	...	...	...	2'9	2'9	26'3	...	2'9	...	...	...	...	2'9	210'5	698'8	35'09	26'3	
C.																								
GROUP XI.—	9,480	110'5	0'8	8'8	0'8	98'5	...	0'5	0'3	2'5	3'2	3'0	48'9	5'5	8'9	0'1	0'7	0'3	11'3	120'3	761'4	41'98	20'8	
SOUTHERN INDIA.		2'64	0'42	1'58	0'21	0'63	...	...	0'32	0'32	0'53	0'53	1'58	0'11	...	...	0'11	...	...	...	10'86	...	...	
Maymyo	1,599	55'7	...	1'9	0'6	252'0	...	1'3	0'6	4'4	1'9	8'1	86'3	5'6	37'5	0'6	1'9	...	25'1	99'4	1,015'6	46'90	26'3	
Shillong	494	...	...	4'0	...	196'4	...	...	...	6'1	4'0	18'2	76'9	2'0	14'2	2'0	...	...	30'4	105'3	921'1	48'58	34'4	
Gyantse	48	...	...	...	...	20'8	...	...	...	...	...	...	104'2	...	...	...	...	...	...	...	145'8	20'83	...	
Ghoom	265	11'3	...	...	...	94'3	...	...	...	3'8	30'1	7'5	52'8	7'5	22'6	3'8	...	...	34'0	34'0	407'5	37'74	30'2	
Almora	1,379	37'0	0'7	4'4	202'3	...	0'7	...	...	4'4	0'7	4'4	28'3	5'1	1'5	...	...	...	5'8	60'2	535'9	20'01	13'8	
		1'45	...	...	...	...	...	...	...	...	...	...	0'72	0'73	...	...	...	...	...	...	5'08	...	...	

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK-RATE.	Syphilis.	Soft Chancere.	Gonorrhœa.
Tal . . .	54 {	...	...	...	...	...	...	...	...	...	18'5	...	...	...	...	...	...	...	...	...	18'5	...	...	...	...
owne . . .	2,556 {	...	...	...	0'4	145'0	...	2'3	...	2'3	9'0	6'7	45'8	...	6'7	...	2'0	1'2	5'0	28'6	457'4	29'73	5'9	9'8	12'9
h . . .	15 {	...	...	...	...	...	...	...	...	...	335'3	...	...	...	...	...	...	...	66'7	...	466'6	...	...	...	...
. . .	129 {	7'8	...	...	139'5	...	...	...	...	...	7'8	7'8	...	...	...	...	...	...	7'8	23'3	457'4	7'75	7'8	7'8	7'8
. . .	311 {	...	...	...	9'6	96'5	...	...	...	...	12'9	48'2	...	45'0	...	...	...	...	6'4	38'6	405'11	19'29	6'4	9'6	22'5
asala . . .	632 {	...	...	...	205'7	...	...	...	3'2	1'6	7'9	53'7	12'7	6'3	...	1'0	...	22'2	31'6	534'8	26'90	9'3	12'7	9'5	
h . . .	941 {	4'3	...	1'1	1'1	189'2	...	...	1'1	1'1	7'4	66'9	...	6'4	...	1'1	...	21'3	34'9	603'8	41'45	5'3	7'4	21'3	
ari Camp Koldana.	251 {	...	...	...	243'0	...	...	...	12'0	8'0	...	47'8	...	12'0	...	4'0	27'9	31'8	565'7	30'84	19'9	12'0	19'9	...	
l Camp . . .	74 {	...	...	...	40'5	...	...	...	...	...	108'1	...	...	27'0	...	...	...	13'5	40'5	605'1	13'51	...	27'0	13'5	
an Camp . . .	36 {	...	...	...	...	...	...	...	...	...	27'8	...	...	55'6	...	...	...	...	...	305'6	55'56	...	...	...	...
lagali . . .	5 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
agali and an.	4 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
abad . . .	3,102 {	17'7	0'3	0'3	82'5	...	8'7	...	2'9	4'2	6'8	84'1	1'0	6'8	0'3	0'6	...	11'3	33'2	574'8	48'36	3'2	6'1	23'9	
l Camp . . .	731 {	41'0	...	...	135'4	...	...	...	1'4	5'5	6'8	67'0	...	16'4	...	1'4	...	10'9	17'8	588'2	30'10	1'4	8'2	8'2	
. . .	89 {	...	...	...	22'5	...	...	...	...	...	22'5	11'2	11'2	...	...	...	...	11'2	22'5	269'7	11'24	...	11'2	11'2	
. . .	89 {	...	...	...	56'2	...	...	...	11'2	22'5	33'7	...	...	...	...	...	...	56'2	11'2	449'4	11'24	11'2	...	...	
rosh . . .	534 {	11'2	...	...	71'2	1'9	...	...	3'7	18'7	28'1	...	...	5'6	...	...	...	1'9	15'0	271'5	16'85	5'6	1'9	7'5	
and . . .	691 {	...	...	...	14'5	18'8	...	...	...	5'8	13'9	4'3	5'8	...	...	...	...	4'3	13'0	178'0	11'58	8'7	2'9	1'4	
. . .	350 {	14'3	...	2'9	217'1	2'9	...	...	2'9	2'9	28'6	2'9	5'7	...	...	...	...	2'9	37'1	465'7	25'71	2'9	17'1	17'1	
ara . . .	257 {	...	...	...	42'8	...	3'9	...	3'9	3'9	27'2	19'5	11'7	3'9	...	...	...	7'8	3'9	463'0	27'24	...	...	3'9	
. . .	123 {	...	...	...	601'6	...	8'1	...	...	105'7	16'3	48'8	8'1	...	...	...	...	...	32'5	1,097'6	24'39	24'4	...	8'1	
ockhart . . .	205 {	395'1	...	...	663'4	200'0	...	...	...	29'3	14'6	...	...	...	...	...	...	43'9	4'9	2,039'0	39'02	...	...	4'9	
avagnari . . .	32 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
. . .	416 {	45'7	19'2	...	1,394'2	...	...	...	2'4	...	201'9	21'6	9'6	...	2'4	...	...	26'4	14'4	2,288'3	57'69	4'8	4'8	4'8	
andeman . . .	430 {	41'9	...	...	246'5	...	...	...	...	4'7	9'3	46'5	...	20'9	...	4'7	...	9'3	2'3	604'7	18'64	2'3	...	...	
and . . .	80 {	...	...	...	406'0	...	...	...	...	...	25'0	12'5	...	25'0	...	...	...	75'0	...	1,312'5	25'00	...	...	...	

INDIAN TROOPS, 1919.

TABLE XVI—concluded.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.							
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilitis.
Windubagh . . .	51	...	...	19'6	...	235'3	...	...	...	...	...	19'6	39'2	...	39'2	...	...	...	19'6	...	490'2	19'61	...
Musa Khel . . .	42	...	...	...	...	71'4	...	...	...	...	...	47'6	23'8	...	...	...	...	...	23'8	23'8	309'5	...	...
Kila Saifulla . . .	19	...	...	...	...	...	...	...	...	...	...	...	52'6	...	...	52'6	...	...	52'6	...	526'3	...	...
Murgha . . .	68	...	...	...	...	102'9	...	...	...	...	44'1	29'4	29'4	44'1	...	...	...	...	58'8	29'4	538'8	14'71	...
Loralai . . .	1,046	201'7 67'88	...	...	...	135'8 0'96	...	...	2'9	2'9	12'4 3'82	40'2	1'9	7'6	...	...	...	...	1'9	626'2 78'39	25'81	1'0	
Gumbaz . . .	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta . . .	5,357	80'5 10'45	0'2	0'9	0'2	190'0 1'31	0'4	...	9'7	2'6	13'8 3'73	25'2	7'3	13'6	...	0'6	0'6	20'3	50'0	671'8 20'72	35'09	2'4	
Fishie . . .	580	87'9 15'52	...	...	...	86'2 1'72	...	...	...	1'7	19'0 1'72	22'4	5'2	6'9	...	6'9	...	22'4	1'7	482'8 24'14	25'86	...	
Shelabagh . . .	62	241'9 48'39	...	...	...	145'2	...	...	...	...	...	...	...	...	...	...	...	...	80'6	...	645'2 48'39	16'13	...
Chaman . . .	729	78'2 5'49	...	12'3	...	201'6	...	...	1'4	4'1	2'7 1'37	43'9	2'7	2'7	...	...	...	13'7	12'3	658'4 16'46	30'18	4'1	
Pachmā'fi . . .	232	...	...	4'3	...	77'6	...	...	...	...	8'6	4'3	12'9	...	...	...	...	...	...	181'0 4'31	8'62	...	
Ootacamund . . .	32	...	...	...	...	125'0	...	...	...	...	...	...	93'8	...	...	...	...	...	...	...	406'3	...	...
GROUP XII.— HILL STA- TIONS.	24,152	46'7 7'44	0'4	1'0	0'6	183'5 0'75	2'3	17	0'0	4'1	3'6	10'7	47'8	4'6	11'3	0'2	1'0	0'3	15'1	37'4	633'1 16'89	33'58	68
Marching in India	495	4'0	...	4'0	...	86'9	...	8'1	...	2'0	...	12'1	12'1	4'0	16'2	...	...	...	12'1	18'2	385'9	489	4'0

STATIONS, AND ARMIES	Average annual strength.	1. ADMISSION RATE.																2. DEATH RATE.															
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilitic.	Soft Chancre	Gonorrhœa.								
INDIA.																																	
... (not in the ...)	49	...	20.4	...	...	591.8	...	...	...	...	...	...	20.4	163.3	20.4	...	...	...	20.4	...	1,081.6	40.82	...	...	...								
... (Sindhu ...)	1,704	66.9	...	...	2.9	14.7	...	10.6	...	5.3	5.9	5.3	42.3	7.0	8.2	...	0.6	...	24.6	44.0	409.0	23.47	11.7	8.2	24.1								
... (China)		0.59	...	...	1.17	...	...	...	...	1.76	...	...	0.59	...	...	...	...	...	0.59	6.46	...	0.39	...	...	...								
INDIA.	229,731	34.7	0.6	1.7	0.4	145.6	13.4	2.3	0.1	4.3	4.0	12.8	56.8	10.5	20.6	0.1	1.0	0.6	19.6	65.1	767.5	40.01	9.3	25.1	3.07								
		2.63	0.34	0.16	0.06	0.54	...	...	0.09	0.24	1.08	2.88	1.31	0.18	0.01	0.02	0.03	0.01	0.04	0.06	11.94	...	0.06	...	0.00								
	227,978	34.4	0.6	1.7	0.4	146.5	13.5	2.3	0.1	4.3	4.0	12.8	56.9	10.5	20.7	0.1	1.0	0.6	19.6	65.2	770.1	40.13	9.3	25.3	3.07								
		2.65	0.34	0.16	0.05	0.54	...	...	0.09	0.24	1.08	2.90	1.32	0.18	0.01	0.02	0.03	0.01	0.04	0.06	11.96	...	0.05	...	0.00								
INDIAN ARMY	129,713	21.3	0.6	1.4	0.4	164.5	23.4	2.3	0.1	3.9	4.3	15.5	63.4	8.8	15.7	0.1	1.1	0.2	20.2	55.6	787.2	41.04	7.4	20.3	28.0								
		2.06	0.36	0.12	0.04	0.54	...	...	0.07	0.19	1.13	3.28	1.53	0.12	0.01	0.02	0.04	...	0.02	0.05	11.81	...	0.05	...	0.01								
INDIAN ARMY	97,770	52.0	0.3	2.1	0.4	123.0	0.4	2.2	0.2	4.7	3.6	9.4	48.4	12.7	27.4	0.1	1.0	1.1	18.7	78.4	749.3	39.11	11.9	31.9	34.6								
		3.45	0.31	0.21	0.07	0.54	...	...	0.11	0.32	1.02	2.28	1.04	0.26	0.02	0.03	0.03	0.02	0.06	0.06	12.26	...	0.06	...	...								

INDIAN TROOPS, 1919.

TABLE XVII.

*ABSTRACT of the SANITARY REPORTS of the most UNHEALTHY STATIONS, SANITARY DEFECTS, IMPROVEMENTS, SUGGESTIONS, ETC.*

(The ratios of sickness and mortality will be found in Table XVI.)

Not available.



TABLE XVIII—contd.

ENTERIC FEVER by months, stations, groups, and armies.

TABLE XIX—contd.

MALARIA by months, stations, groups, and armies.

TABLE XX—contd.

PYREXIA OF UNCERTAIN ORIGIN by months, stations, groups, and armies.

STATIONS AND GROUPS.	ADMISSIONS FROM ENTERIC FEVER IN EACH MONTH.										ADMISSIONS FROM MALARIA IN EACH MONTH.										ADMISSIONS FROM PYREXIA OF UNCERTAIN ORIGIN IN EACH MONTH.																	
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
<b>A</b>																																						
Mardan . . . . .				1						1		2	6			2	1					102	185	166	33	495	1										1	
Risalpur . . . . .		1	2						1	2	2	9	5	10	5	12	1					77	101	66	30	313												
Nowshera . . . . .													43	36	22	56	4					65	158	137	33	556												
Peshawar . . . . .													83	11	18	44						410	781	367	120	1,834	1									1	1	
Jamrud . . . . .													3	11	5	4						13	50	23	8	117												
Kacha Garhi . . . . .																						33	78	56	18	185												
Alimasjid . . . . .																						19	273	200	67	559												
Kohat . . . . .			1							1	1	3	88	77	28	37	8					270	462	133	89	1,202	1	1	9	6					1			
Thal . . . . .													9	4	8	7						341	440	181	120	1,110												2
Bannu . . . . .													53	24	40	48	14									179			1									
Tank . . . . .													137	64	60	143	13									417	1		1									
Dera Ismail Khan . . . . .				1								1	81	11	8	29	12									141			1	13	4							
Montgomery . . . . .													24	8		8	25	30	9	42	161	263	188	58	816													
Multan . . . . .													7	3	8	5	22	18	10	35	191	90	22	6	327													
Bikaner . . . . .																1										1												
Jodhpur . . . . .													6	1	1											8												
<b>B</b>																																						
Landi Kotal . . . . .								1	3			4										157	162	88	30	437												
Parachimar . . . . .																						10	8	2		20											6	
Dardoni . . . . .													26	7	10	14	4									61												
Sibi . . . . .													18	6	9	13	7					8	16	25	22	124				1								
<b>C</b>																																						
Hyderabad (Sind) . . . . .								1				1	19	18	6	10	10	6	4	5	13	22	46	24	181													
Karachi . . . . .								1		1		3	77	50	33	30	66	165	83	62	128	101	375	186	1,446													
<b>GROUP VII.—</b> NORTH-WEST FRONTIER, INDUS VALLEY, AND NORTH-WESTERN RAJPUTANA	1	4	1				2	2	7	4	2	23	635	349	272	462	187	219	106	144	1,008	3,280	2,075	842	10,439	3	1	3	23	11					8	2	2	
<b>A</b>																																						
Rajkot . . . . .													9	6	3	3	4	5	2	8	6	41	102	80	269													
Deesa . . . . .													14	6	3	6	8	2	19	7	24	22	7	1	119			1										
Ahmedabad . . . . .							1	1				2	4	4	5	1	3	2	11	26	33	46	27	28	191													
Baroda . . . . .													6	3	1	1	5	8	9	7	6	24	61	18	149	1												
<b>B</b>																																						
Evinpura . . . . .													4	1	1	4	3		2	4	13	16	11	2	61													
Neemuch . . . . .							1					1	7	3	1	3	10	3	10	3	7	31	17	16	111													
Deoli . . . . .													5		2		1	1			4	2	2		18													
Nasirabad . . . . .													6	1	3	18	20	12	7	54	79	125	77	37	437													
Ajmer . . . . .													3		4	6	2				1	3	6	2	9	41												
Muttra . . . . .													1								1	6	24	30	30	117												
Bharatpur . . . . .													1		1											2												
Agra . . . . .													1			4	4	9	8	2	23	21	9	5	86													
Dholpur . . . . .													3													3												
Jhansi . . . . .													114	13	48	33	71	52	15	18	38	28	34	20	484													
Nowgong . . . . .													2		1		2	1	1	3	14	11	14	3	52													
Goona . . . . .													4	2	4	1	3	1			4	8	8	2	37													
Agar . . . . .													1								2	12	4	3	26													
Schore . . . . .													1	1	6	4	2	2	4	2	5	3	2		32													
Mhow . . . . .		1	2				7	2				12	10	9	18	13	11	10	15	34	85	142	96	55	448													
Sumerpur . . . . .													1	2	4	2	5		2	2	7	16	19	4	64													
<b>GROUP VIII.—</b> SOUTH-EASTERN RAJPUTANA, CENTRAL INDIA, AND GUJARAT	1	2					9	4				16	195	52	101	101	156	112	116	185	375	576	538	310	2,797	1		1										







## INDIAN TROOPS, 1919.

**TABLE XXI—contd. TABLE XXII—contd. TABLE XXIII—co**

*CHOLERA by months, stations, groups, and armies.*

*DYSENTERY by months, stations, groups, and armies.*

*DIARRHŒA by months, stations, groups, and armies.*

	ADMISSIONS FROM CHOLERA IN EACH MONTH.											ADMISSIONS FROM DYSENTERY IN EACH MONTH.											ADMISSIONS FROM DIARRHŒA IN EACH MONTH.																
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	*STATIONS AND GROUPS.																																						
B																																							
Manmad . . . . .	1											4											1																
Aurangabad . . . . .	1											5											1																
Ahmednagar . . . . .	1											1											1																
Anandi . . . . .	1											1											1																
Arangaon . . . . .	1											1											1																
Dhond . . . . .	1											1											1																
Poona . . . . .	1											1											1																
Kirkec . . . . .	1											1											1																
Satara . . . . .	1											1											1																
Secunderabad and Bolaram . . . . .	1											1											1																
Belgaum . . . . .	1											1											1																
<b>GROUP IX.—DECCAN.</b> }	2											61											104																
Bombay . . . . .	3											10											12																
Santa Cruz . . . . .	1											1											1																
Trivandrum . . . . .	1											1											1																
Deolali . . . . .	1											8											8																
<b>GROUP X.—WESTERN COAST.</b> }	3											18											21																
A																																							
Ramdroog . . . . .	1											1											1																
Bellary . . . . .	7											1											4																
Bangalore . . . . .	1											1											3																
B																																							
Trichinopoly . . . . .	1											1											1																
Madras and St. Thomas' Mount.	1											1											1																
Vizianagram . . . . .	1											1											1																
<b>GROUP XI.—SOUTHERN INDIA</b> }	7											14											19																
Maymyo . . . . .	2											2											5																
Shillong . . . . .	1											1											1																
Ghoorn . . . . .	1											1											1																
Almora . . . . .	1											1											1																
Lansdowne . . . . .	1											1											1																
Jutogh . . . . .	1											1											1																
Dhamsala . . . . .	1											1											1																
Bakloh . . . . .	1											1											1																
Chamiari Camp . . . . .	1											1											1																
Rewat Camp . . . . .	1											1											1																
Burbhan Camp . . . . .	1											1											1																
Abbottabad . . . . .	1											1											1																
Kakul Camp . . . . .	1											1											1																
Oghi . . . . .	1											1											1																
Kila D'ool . . . . .	1											1											1																
Malakand . . . . .	1											1											1																
Dergai . . . . .	1											1											1																
Chakdara . . . . .	1											1											1																
Cherat . . . . .	1											1											1																
Hangu . . . . .	1											1											1																
Fort Sandeman . . . . .	1											1											1																
Lakaband . . . . .	1											1											1																
Hindubagh . . . . .	1											1											1																
Musa Khel . . . . .	1											1											1																

# INDIAN TROOPS, 1919.

**TABLE XXI—concl'd.**
*CHOLERA by months, stations, groups, and armies.*
**TABLE XXII—concl'd.**
*DYSENTERY by months, stations, groups, and armies.*
**TABLE XXIII—concl'd.**
*DIARRHŒA by months, stations, groups and armies.*

STATIONS, GROUPS, AND ARMIES	ADMISSIONS FROM CHOLERA IN EACH MONTH.												ADMISSIONS FROM DYSENTERY IN EACH MONTH.												ADMISSIONS FROM DIARRHŒA IN EACH MONTH.																
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.		
I.—INDIA.																																									
the Indian Army																																									
Sikkim (Nepal)	1												1	1												1	1													1	
China														1	1												1														
TOTAL	1												1	1	1												1														
II.—HILLS																																									
India													1	1													1														
TOTAL	9												10	15	3	6	32	4	8	7	1	13	11	7	3	110	18	15	9	34	30	30	13	25	30	37	22	9	272		
OF																																									
INDIA	5	1	1	15	3	52	7	11	37	1	1	134	199	132	162	221	181	203	207	249	260	227	229	134	2,404	429	233	247	365	312	466	501	98	504	415	339	327	4,736			
ARMY	1	7	2	28	6	35	1	1	80	81	62	82	122	85	47	36	79	137	170	150	80	1,137	179	98	114	233	131	174	150	250	254	219	175	111	2,028						
ARMY	5	1	8	1	24	7	5	1	1	53	115	69	80	97	93	153	169	167	117	31	79	54	1,245	249	135	130	132	179	335	347	345	249	193	164	215	2,675					

# INDIAN TROOPS, 1919.

## TABLE XXIV.

### STATISTICS OF REGIMENTS.

#### A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Serial number.	Corps and its detachment	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent. Invalided on account of old age.		
1	Governor-General's Body Guard.	127	105	2	Admitted Died Invalided	15 2 ...	...	...	...	15 ...	...	...	...	1 ...	...	1 ...	8 ...	10 ...	5 ...	...	...	...	2 ...	3 ...	128 ...	3 ...	3'25	...	
2	Governor's Body Guard, Bengal.	67	46	3	Admitted Died Invalided	4 ...	1 ...	...	...	15 ...	...	...	...	...	...	1 ...	7 ...	1 ...	...	...	...	...	...	1 ...	47 ...	1 ...	1'31	...	
3	Governor's Body Guard, Bombay.	70	65	1	Admitted Died Invalided	1 ...	...	...	...	1 ...	...	...	...	...	...	...	1 ...	3 ...	3 ...	...	...	...	...	...	16 ...	...	'12	...	
4	Governor's Body Guard, Madras.	63	57	4	Admitted Died Invalided	1 ...	1 ...	...	...	8 ...	...	2 ...	...	...	...	1 ...	2 ...	...	...	3 ...	...	...	...	...	46 ...	1 ...	2'56	...	
5	1st Duke of York's Own Lancers (Skinner's Horse).	885	380	2	Admitted Died Invalided	...	...	...	...	50 ...	...	5 ...	...	...	1 ...	4 ...	23 ...	7 ...	9 ...	...	...	...	...	2 ...	11 ...	242 ...	2 ...	11'23	...
6	2nd Lancers (Gardner's Horse).	484	355	2	Admitted Died Invalided	19 ...	1 ...	...	...	6 ...	...	...	2 ...	...	2 ...	2 ...	3 ...	...	...	...	...	...	...	16 ...	142 ...	1 ...	8'08	...	
7	3rd Skinner's Horse.	802	293	6	Admitted Died Invalided	13 ...	5 ...	...	...	99 ...	2 ...	...	...	1 ...	4 ...	8 ...	13 ...	1 ...	6 ...	...	...	...	...	1 ...	248 ...	11 ...	8'76	3	
8	4th Cavalry	736	305	6	Admitted Died Invalided	...	...	...	2 ...	72 ...	2 ...	...	...	1 ...	...	3 ...	18 ...	...	1 ...	1 ...	...	...	...	10 ...	6 ...	212 ...	...	8'22	...
9	5th Cavalry	513	360	6	Admitted Died Invalided	...	...	1 ...	...	2 ...	...	...	...	...	1 ...	1 ...	13 ...	...	5 ...	...	...	...	...	2 ...	14 ...	113 ...	1 ...	3'98	...
10	6th King Edward's Own Cavalry.	377	377	18	Admitted Died Invalided	...	...	...	...	36 ...	...	...	...	3 ...	1 ...	2 ...	15 ...	4 ...	15 ...	...	...	...	...	10 ...	16 ...	292 ...	1 ...	9'02	...
11	7th Haryana Lancers.	825	547	16	Admitted Died Invalided	1 ...	...	...	...	21 ...	...	...	...	1 ...	2 ...	2 ...	22 ...	5 ...	11 ...	...	1 ...	2 ...	4 ...	4 ...	257 ...	1 ...	12'83	...	
12	8th Cavalry.	963	614	4	Admitted Died Invalided	2 ...	...	...	...	19 ...	...	...	...	1 ...	3 ...	2 ...	6 ...	16 ...	...	...	...	...	...	1 ...	20 ...	182 ...	4 ...	14'22	...
13	9th Hudson's Horse.	(a) 406	456	13	Admitted Died Invalided	...	...	...	...	29 ...	...	...	...	2 ...	2 ...	2 ...	3 ...	6 ...	7 ...	...	1 ...	...	3 ...	7 ...	154 ...	1 ...	6'77	...	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Companies and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.		
Duke of Cambridge's Own Cavalry (Hodson's Horse).	375	375	8	Admitted Died Invalided	1 ... ...	...	3 ... ...	...	22 ... ...	...	...	1 ... ...	...	...	1 ... ...	19 ... ...	...	...	1 ... ...	...	8 ... ...	...	3 ... ...	11 ... ...	134 ... ...	5 ... ...	7'56	Multan.	
King Edward's Own Lancers (Probyn's sq).	579	450	7	Admitted Died Invalided	...	...	1 ... ...	1 ... ...	17 ... ...	8 ... ...	...	...	...	...	3 ... ...	9 ... ...	1 ... ...	...	...	...	...	8 ... ...	...	4 ... ...	241 ... ...	12'81	1	Jullundur.	
Cavalry	952	383	1	Admitted Died Invalided	2 ... ...	...	1 ... ...	...	6 ... ...	...	...	...	...	...	12 ... ...	47 ... ...	1 ... ...	...	2 ... ...	...	...	...	9 ... ...	21 ... ...	132 ... ...	4 ... ...	5'82	...	Meerut.
Duke of Cambridge's Own Lancers (Watson's sq).	781	109	2	Admitted Died Invalided	...	...	...	1 ... ...	14 ... ...	...	...	...	1 ... ...	...	1 ... ...	8 ... ...	13 ... ...	...	...	...	...	...	2 ... ...	1 ... ...	72 ... ...	1 ... ...	3'88	...	Thal and Kohat, October 1919.
Murray's Jat Cavalry	841	811	15	Admitted Died Invalided	...	...	...	...	38 ... ...	...	...	...	...	2 ... ...	7 ... ...	11 ... ...	18 ... ...	6 ... ...	...	...	...	...	14 ... ...	11 ... ...	314 ... ...	2 ... ...	12'60	...	Sialkot, October 1919, from Bareilly.
Lancers (Peterson's Mul-)	769	525	13	Admitted Died Invalided	...	...	...	...	66 ... ...	22 ... ...	2 ... ...	3 ... ...	1 ... ...	4 ... ...	17 ... ...	3 ... ...	10 ... ...	...	1 ... ...	...	...	...	8 ... ...	23 ... ...	363 ... ...	6 ... ...	20'76	...	Bareilly, November 1919, from Sialkot.
Cavalry	906	510	21	Admitted Died Invalided	1 ... ...	...	...	...	49 ... ...	1 ... ...	11 ... ...	2 ... ...	1 ... ...	7 ... ...	5 ... ...	4 ... ...	2 ... ...	2 ... ...	...	...	...	...	13 ... ...	11 ... ...	265 ... ...	3 ... ...	15'15	...	Risalpur, November 1919, from Delhi.
Cavalry	853	326	25	Admitted Died Invalided	4 ... ...	2 ... ...	1 ... ...	...	42 ... ...	3 ... ...	1 ... ...	...	4 ... ...	5 ... ...	9 ... ...	1 ... ...	...	...	1 ... ...	...	...	...	17 ... ...	193 ... ...	3 ... ...	13'80	...	Lahore Cantonment.	
King George's Lancers	360	318	9	Admitted Died Invalided	...	...	1 ... ...	...	13 ... ...	...	...	...	...	7 ... ...	5 ... ...	...	7 ... ...	...	...	...	...	...	10 ... ...	10 ... ...	181 ... ...	2 ... ...	12'60	...	Sialkot.
Lancers (Probyn's sq)	443	371	16	Admitted Died Invalided	...	...	1 ... ...	...	14 ... ...	...	...	2 ... ...	3 ... ...	7 ... ...	10 ... ...	1 ... ...	6 ... ...	2 ... ...	...	...	...	4 ... ...	17 ... ...	214 ... ...	5 ... ...	16'94	...	Delhi, October 1919, from Sialkot.	
Deccan Horse	417	301	7	Admitted Died Invalided	3 ... ...	...	...	1 ... ...	66 ... ...	3 ... ...	...	3 ... ...	2 ... ...	4 ... ...	2 ... ...	...	8 ... ...	...	...	...	...	2 ... ...	9 ... ...	181 ... ...	2 ... ...	5'93	...	Neemuch.	
Prince Albert's Own Cavalry (Frontier Force) (Probyn's sq)	276	261	23	Admitted Died Invalided	...	...	...	...	8 ... ...	2 ... ...	...	...	...	...	50 ... ...	1 ... ...	...	...	...	...	...	...	8 ... ...	146 ... ...	9 ... ...	9'90	...	Rawalpindi, February 1919, from Jhelum.	

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Serial number.	Corps and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent. Invalided on account of old age.		
26	22nd Sam Browne's Cavalry (Frontier Force).	374	381	12	Admitted Died Invalided	6 ... ...	... ... ...	... ... ...	... ... ...	21 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	13 3	19 1	... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	2 ... ...	268 5	10'02	Jhelu	
27	23rd Cavalry (Frontier Force).	938	423	23	Admitted Died Invalided	... ... ...	2 ... ...	... ... ...	9 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	2 ... ...	8 ... ...	22 1	9 ...	3 ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	28 ... ...	... ... ...	... ... ...	8'c8	Meer ary from ly.	
28	25th Cavalry (Frontier Force).	697	251	4	Admitted Died Invalided	26 4 ...	... ... ...	... ... ...	... ... ...	24 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	8 2	5 ...	1 ...	1 ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	149 8	3'85	Loran ber Que Mes		
29	26th King George's Own Light Cavalry.	955	745	15	Admitted Died Invalided	45 2 ...	... ... ...	... ... ...	... ... ...	42 ... 2	... ... ...	... ... ...	... ... ...	... ... ...	1 ... 1	1 ...	8 ...	2 ...	15 ...	... ... ...	... ... ...	... ... ...	3 ... 1	16 2	308 9	14'14	Jhans tach Jub Deo Lud		
30	27th Light Cavalry.	426	243	4	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	48 ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	1 ... ...	4 2	11 ...	10 ...	... ... ...	... ... ...	... ... ...	... ... ...	14 ... ...	9 ... ...	245 3	16'80	Jhans emb from and Ima		
31	28th Light Cavalry.	407	304	8	Admitted Died Invalided	3 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ...	17 ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	5 ... ...	118 3	4'59	Luc Jam from Deta at D		
32	29th Lancers (Deccan Horse).	(a) 416	469	11	Admitted Died Invalided	2 ... ...	1 ... ...	... ... ...	... ... ...	20 ... 1	... ... ...	... ... ...	... ... ...	2 ... 1	2 ...	6 2	18 ...	10 ...	27 ...	... ... ...	... ... ...	... ... ...	12 ... ...	33 ...	309 7	17'47	Mann cent from Deta at De Neer		
33	30th Lancers (Gordon's Horse).	524	379	8	Admitted Died Invalided	3 ... ...	2 ... ...	... ... ...	... ... ...	45 ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	2 ...	26 ...	5 ...	12 ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	8 ... ...	248 3	14'06	Bang Nov 1919 Pesh	
34	31st Duke of Connaught's Own Lancers.	483	343	3	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	80 ... 1	... ... ...	2 ... ...	... ... ...	... ... ...	5 ... 1	1 ...	6 ...	27 ...	1 ...	15 ...	... ... ...	... ... ...	... ... ...	5 ... ...	11 ... ...	401 3	22'50	Bareil teml	
35	32nd Lancers	511	382	5	Admitted Died Invalided	3 ... ...	... ... ...	... ... ...	... ... ...	39 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	2 ...	5 ...	5 ...	... ... ...	4 ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	9 ... ...	6 ... ...	220 1	10'88	Nasir
36	33rd Queen Victoria's Own Light Cavalry.	685	379	9	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	2 ... ...	26 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	7 ... 6	5 ...	6 ...	7 ...	7 ...	7 ...	1 ...	... ... ...	... ... ...	3 ... ...	7 ... ...	155 3	6'98	Risal tach Mar	
37	34th Prince Albert Victor's Own Poona Horse.	282	265	12	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	35 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... 2	1 ...	6 ...	1 ...	3 ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	10 ... ...	138 7	8'11	Bang Feb 1918	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the

TABLE XXIV  
STATISTICS OF DISEASES

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Regiments and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Scinde	839	533	20	Admitted Died Invalided	17 1 ...	...	...	...	36 ...	...	...	3	2	1	7	12	1	...	...	...	...	7	58	393	2079	...	Jubbulpore, Detachments at Alipore and Lucknow.
Robert's Horse	528	66	...	Admitted Died Invalided	1 ... ...	...	...	...	21 ... ...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	67	190	...	Jubbulpur, October 1919.
ancers	573	397	6	Admitted Died Invalided	...	...	...	127	9	2	...	1	9	12	8	8	...	...	...	...	...	15	7	361	1445	1	Ambala, October, 1919, from Kohat, Detachment at Thal.
ing George's Central Horse.	(a)299	305	1	Admitted Died Invalided	12 2 ...	...	...	...	34 ...	...	...	1	1	12	1	2	...	...	...	...	...	6	6	164	704	...	Agar, Detachment at Deolali.
ing George's Central Horse.	840	545	19	Admitted Died Invalided	...	...	...	...	50	1	...	2	...	1	13	9	4	...	...	...	...	5	9	213	1090	...	Goona, Detachments at Ihelum and Deolali.
avalry Regi-	672	279	2	Admitted Died Invalided	3 ... ...	...	...	...	17 ...	...	...	...	1	6	3	12	1	...	...	...	...	2	7	117	437	...	Sibi.
avalry Regi-	453	227	3	Admitted Died Invalided	9 ... ...	...	...	...	20 ...	...	...	2	...	3	1	4	3	...	...	...	...	2	25	127	721	...	Sibi, Detachments at Quetta and Chaman.
avalry Regi-	534	270	3	Admitted Died Invalided	1 ... ...	...	...	...	26 1 ...	...	...	2	...	1	18	1	...	...	...	...	...	4	10	131	658	...	Sibi.
Battalion Victoria's Corps of (Frontier) (Lums-)	1,023	796	17	Admitted Died Invalided	1 ... ...	1	...	...	160	32	...	...	1	25	63	2	4	...	1	...	...	23	15	668	2838	3	Jullundur and Mardan.
Battalion, Victoria's Corps of (Frontier) (Lums-)	735	406	9	Admitted Died Invalided	2 1 ...	...	4	...	144	3	...	...	3	20	44	20	7	...	...	...	...	4	2	390	1394	...	Risalpur.
Battalion, Victoria's Corps of (Frontier) (Lums-)	705	365	10	Admitted Died Invalided	...	...	...	...	68	14	1	...	...	12	54	2	5	...	2	1	...	16	14	379	1787	...	Mardan.
hat Moun- Battery (ier Force).	352	13	1	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	1	6	...	...	...	...	...	...	...	...	12	040	...	Allahabad.
Derajat (Frontier)	338	169	13	Admitted Died Invalided	2 ... ...	1	...	...	22	...	...	1	2	2	7	1	6	...	1	...	...	9	8	169	998	...	Nowshera, June 1919, from Abotabad and Rawalpindi.

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent. Invalided on account of old age.	
51	23rd Peshawar Mountain Battery (Frontier Force).	400	229	1	Admitted Died Invalided	3	...	...	...	22	1	...	...	...	...	1	14	...	2	...	...	...	1	2	91	3'24	...	Kila Det at 192 No
52	24th Hazara Mountain Battery (Frontier Force).	416	196	2	Admitted Died Invalided	5	1	...	...	10	...	...	...	...	...	2	18	1	1	...	...	...	3	8	121	10'13	...	Abbe Jun
53	27th Mountain Battery.	342	71	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	3	21	1'86	...	Raw Oct	
54	28th Mountain Battery.	326	175	1	Admitted Died Invalided	1	...	...	...	15	1	...	1	...	1	1	1	...	3	...	...	...	6	4	161	7'16	...	Thal me Kod
55	30th Mountain Battery.	567	214	9	Admitted Died Invalided	...	...	...	...	19	...	...	...	...	...	7	2	2	2	3	...	...	2	2	131	6'77	...	Abbe Det at
56	33rd (Reserve) Mountain Battery.	494	121	5	Admitted Died Invalided	...	...	...	...	19	1	...	...	...	...	2	3	...	17	...	...	...	1	5	125	9'68	...	Dard Bar
57	37th (Reserve) Mountain Battery.	340	58	...	Admitted Died Invalided	...	...	...	...	4	1	...	...	...	...	4	1	...	...	...	...	2	3	29	1'40	...	Raw Sep 191	
58	38th (Reserve) Mountain Battery.	135	135	15	Admitted Died Invalided	13	1	...	...	130	...	...	4	...	3	12	3	10	...	...	...	...	8	7	194	8'59	...	Quet
59	40th (Reserve) Mountain Battery.	69	69	2	Admitted Died Invalided	...	...	...	...	16	...	...	1	...	3	...	...	...	...	...	...	...	1	5	45	2'14	...	Dehr Jun
60	41st (Reserve) Mountain Battery.	270	62	...	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	6	...	...	...	...	...	...	...	1	3	28	2'85	...	Abbe
61	42nd (Reserve) Mountain Battery.	124	47	8	Admitted Died Invalided	...	...	...	...	5	2	...	...	...	2	4	1	7	...	...	...	...	1	5	56	2'75	...	Amb ber, front Dur
62	43rd (Reserve) Mountain Battery.	504	146	12	Admitted Died Invalided	...	...	...	...	63	...	...	2	3	24	2	...	...	...	...	...	...	13	130	5'40	...	Dehr Jun	

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the lung.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
(Reserve) Mountain Battery.	132	35	2	Admitted Died Invalided	...	...	...	...	12	...	...	1	...	...	3	...	...	1	...	...	...	1	3	39	165	...	Dehra Dun July 1919.
(Reserve) Mountain Battery.	149	55	2	Admitted Died Invalided	1	...	...	1	2	...	...	...	...	...	2	...	...	2	...	...	...	...	15	53	298	...	Dinapore.
Frontier Garrison Artillery.	129	94	2	Admitted Died Invalided	3	...	...	...	24	...	1	1	...	3	7	2	1	...	...	...	4	4	84	306	4	Kohat. Detachments at Fort Lockhart, Malakhand and Thal.	
Mountain Artillery Depôts.	1,035	700	61	Admitted Died Invalided	1	2	...	105	16	2	11	8	12	54	12	36	...	...	25	16	674	6	674	3674	...	Ambala and Dehra Dun.	
Battery, Royal Garrison Artillery.	20	10	2	Admitted Died Invalided	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	7	055	...	Risalpur.	
Battery, Royal Garrison Artillery.	199	2	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	004	...	Ditto.	
Battery, Royal Garrison Artillery.	33	33	...	Admitted Died Invalided	...	...	...	2	...	...	1	2	5	...	...	...	...	...	...	...	...	1	53	207	...	Meerut.	
Ammunition Company, Royal Garrison Artillery.	56	27	1	Admitted Died Invalided	1	...	...	1	2	...	...	...	...	...	1	...	...	...	...	...	...	1	13	066	...	Risalpur.	
Ammunition Company, Royal Garrison Artillery.	(a) 58	59	...	Admitted Died Invalided	...	...	...	10	...	...	...	...	2	3	...	1	...	...	...	...	...	...	68	301	...	Meerut.	
Mountain Battery, Royal Garrison Artillery.	19	19	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	004	...	Jubbulpore.	
Mountain Battery, Royal Garrison Artillery.	45	28	...	Admitted Died Invalided	...	...	...	1	...	...	...	...	...	3	1	...	...	...	...	...	...	...	11	085	...	Mhow.	

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV.—*contd.*

STATISTICS OF REGIMENTS.

A.—*Sickness and Mortality.*

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Serial number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scorvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent, Invalided on account of old age.			
74	1098th Battery, Royal Field Artillery.	14	14	...	Admitted Died Invalided	...	...	...	...	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	1	176	K	
75	1103rd Battery, Royal Field Artillery.	72	36	2	Admitted Died Invalided	1	...	...	...	6	...	...	1	...	1	...	5	...	...	...	1	...	...	18	83	4	26	...	Se	
76	1104th Battery, Royal Field Artillery.	19	9	...	Admitted Died Invalided	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	12	0	25	...	M	
77	1107th Battery, Royal Field Artillery.	93	93	2	Admitted Died Invalided	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	2	8	37	1	78	...	Q	
78	16th Brigade, Royal Field Artillery.	5	2	...	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	2	...	5	0	06	...	Ka	
79	4th Battery, Royal Field Artillery.	20	5	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	5	0	30	...	No		
80	35th Battery, Royal Field Artillery.	8	8	...	Admitted Died Invalided	...	...	...	...	4	...	...	...	...	...	...	1	...	...	...	...	...	...	4	14	0	20	...	Ka	
81	37th Battery, Royal Field Artillery.	45	4	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	0	03	...	No	
82	38th Battery, Royal Field Artillery.	14	6	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	0	41	...	No	
83	No. 1 Special Battery, Royal Field Artillery.	11	5	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	04	...	All
84	2nd Special Battery, Royal Field Artillery.	226	226	2	Admitted Died Invalided	24	1	...	...	5	...	...	...	1	...	2	...	1	...	...	...	...	4	12	123	11	02	...	Dis	
85	No. 3 Special Battery, Royal Field Artillery.	38	38	3	Admitted Died Invalided	3	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	80	2	35	...	Me	
86	74th Battery, Royal Field Artillery.	18	18	...	Admitted Died Invalided	...	...	...	...	7	...	...	...	...	...	1	1	1	...	...	...	...	1	...	34	...	0	28	...	Ali
87	89th Battery, Royal Field Artillery.	(a) 6	11	...	Admitted Died Invalided	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	0	05	...	Ka	

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Seated on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Station occupied by regiments and detachment during the year with dates of occupation. Last move.
Battery, Royal Field Artillery.	20	13	...	Admitted Died Invalided	...	...	...	...	7	...	...	...	...	...	4	...	5	...	...	...	...	...	...	26	0'24	...	Kacha Garhi.
Battery, Royal Field Artillery.	17	17	...	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	3	0'46	...	Hyderabad.
Battery, Royal Field Artillery.	69	6	...	Admitted Died Invalided	2	...	...	...	2	...	...	...	...	...	1	1	...	...	...	...	...	...	6	12	0'30	...	Quetta.
Battery, Royal Field Artillery.	23	3	...	Admitted Died Invalided	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	13	0'29	...	Nowshera.
Ammunition Column, Royal Artillery.	204	115	2	Admitted Died Invalided	...	...	...	...	18	2	...	...	...	...	1	5	...	3	...	...	...	2	4	73	3'49	...	Nowshera.
Ammunition Column, Royal Artillery.	242	115	1	Admitted Died Invalided	10	...	...	...	21	2	...	...	...	...	3	12	...	4	...	...	...	1	3	104	2'52	...	Kacha Garhi.
Ammunition Column, Royal Artillery.	133	133	3	Admitted Died Invalided	1	3	...	...	25	...	...	...	...	...	3	1	...	1	...	...	...	1	25	102	7'44	...	Hyderabad.
Ammunition Column, Royal Artillery.	197	120	1	Admitted Died Invalided	...	...	...	...	6	...	...	...	...	...	4	4	...	1	...	...	...	2	12	69	4'79	...	Amritsar.
1 Mountain Battery, Royal Artillery.	320	310	11	Admitted Died Invalided	15	3	...	...	2	33	...	...	...	...	1	18	1	9	...	...	...	4	10	164	8'21	...	Quetta, Detachment at Jutogh.
3 Mountain Battery, Royal Artillery.	(a) 45	108	...	Admitted Died Invalided	...	...	...	...	11	...	...	...	...	...	2	6	...	3	...	...	...	2	42	1	1'95	...	Kacha Garhi.
4 Mountain Battery, Royal Artillery.	(v) 101	116	...	Admitted Died Invalided	...	...	...	...	16	...	...	...	...	...	5	...	...	...	...	...	...	4	5	83	3'39	...	Ali Masjid and Rawalpindi.
5 Mountain Battery, Royal Artillery.	130	130	2	Admitted Died Invalided	...	...	...	...	1	10	...	...	...	...	2	3	...	4	...	...	...	6	44	...	2'28	...	Jutogh.
6 Mountain Battery, Royal Artillery.	257	26	3	Admitted Died Invalided	10	2	...	...	62	18	1	...	...	...	3	5	1	6	...	...	...	4	...	129	1'77	...	Peshawar.
7 Mountain Battery, Royal Artillery.	6	6	1	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	1	...	7	0'15	...	Jutogh.
8 Mountain Battery, Royal Artillery.	287	119	...	Admitted Died Invalided	6	1	...	...	9	2	...	...	...	...	3	5	...	...	...	...	...	1	1	52	2'80	...	Peshawar.

The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, invalided on account of old age.	
103	No. 9 Mountain Battery, Royal Garrison Artillery.	228	159	1	Admitted Died Invalided	9 3 ...	...	...	...	10 ...	...	...	...	5 ...	...	2 ...	3 1 ...	...	...	...	...	...	10 20 68	5 ...	5'20	3 1	Qu	
104	No. 22 Battery, Royal Garrison Artillery.	17	17	1	Admitted Died Invalided	...	...	...	...	1 ...	...	...	...	...	...	1 ...	1 ...	...	...	...	...	...	...	1 10	...	1'04	...	Ru
105	No. 60 Heavy Battery, Royal Garrison Artillery.	105	94	6	Admitted Died Invalided	...	...	...	...	1 ...	...	...	...	...	2 1 ...	...	3 ...	1 ...	...	...	...	...	1 10 41	1 ...	3'90	...	Ru	
106	No. 68 Heavy Battery, Royal Garrison Artillery.	92	92	4	Admitted Died Invalided	2 ...	1 ...	...	...	4 ...	...	...	...	1 ...	...	...	4 ...	...	...	...	...	...	5 ...	6 ...	...	3'09	...	Ru
107	Coast Defence (Royal Garrison Artillery).	338	30	8	Admitted Died Invalided	25 1 ...	...	...	...	35 ...	...	10 ...	...	1 ...	4 1 ...	3 ...	12 ...	14 ...	23 ...	...	1 ...	...	11 ...	9 236	...	11'42	...	Bot Ki Ru
108	Royal Artillery Depôts.	9,064	6,616	152	Admitted Died Invalided	80 3 3	3 ...	10 ...	...	348 2 4	25 ...	5 ...	1 ...	28 11 44	68 17 2	70 20 36	388 15 7	72 5 ...	311 1 ...	...	5 2 ...	137 2 25	703 1 56	4,848 82 299	281'24	...	Am ki pa na cu Lu Ki	
109	Machine Gun Companies.	1,819	955	23	Admitted Died Invalided	11 1 ...	1 ...	2 ...	...	88 ...	4 ...	1 ...	...	6 1 ...	14 5 1	32 7 ...	43 2 ...	11 ...	10 ...	...	...	...	22 ...	64 3 9	738 20 ...	44'17	...	Nov M Q M M Ri
110	1st King George's Own Sappers and Miners.	3,845	2,659	67	Admitted Died Invalided	21 1 ...	7 5 ...	13 3 ...	...	142 1 ...	3 ...	...	...	4 ...	14 4 2	33 9 ...	104 ...	16 ...	14 ...	...	5 ...	...	41 ...	128 26 ...	1,979 ...	69'73	...	Mal ki Al Ru M an
111	2nd Queen Victoria's Own Sappers and Miners.	3,493	3,276	49	Admitted Died Invalided	16 2 ...	1 1 ...	36 8 ...	1 ...	464 3 5	4 ...	...	3 ...	6 1 1	8 1 5	29 7 1	141 3 2	7 ...	15 ...	...	1 ...	...	29 2 ...	591 41 85	3,014 36 ...	86'54	...	Al In Ki Ju Ba M an de
112	3rd Sappers and Miners.	2,033	1,746	73	Admitted Died Invalided	12 1 ...	...	1 ...	2 ...	73 ...	...	5 1 10	...	7 1 1	20 8 ...	68 1 ...	17 1 ...	29 ...	...	...	...	2 ...	20 ...	142 25 13	11,18 ...	73'73	...	Al Si B Ki
113	Railway Battalion, Sappers and Miners.	(a) 410	551	13	Admitted Died Invalided	3 1 ...	...	...	...	72 1 ...	2 ...	...	...	2 ...	8 1 2	20 ...	1 ...	10 ...	...	...	...	...	8 ...	31 2 ...	354 5 ...	23'19	...	Sia Al
114	Mechanical Transport Company, Sappers and Miners.	3,476	699	14	Admitted Died Invalided	18 ...	...	1 ...	...	62 1 ...	...	...	...	2 ...	17 4 ...	47 ...	2 ...	3 ...	...	...	...	...	15 ...	151 8 ...	560 ...	26'90	...	Rav M

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts preceding increases as reinforcements at the end of

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Corps and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyæmia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hæmatic Abscess.	Hepatic Congestion and Inflammation.	Scarvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.		
Engineering Motor Training School.	2,888	1,377	36	Admitted Died Invalided	5 1 ...	1 ... ...	1 ... ...	1 ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	3 ... ...	27 6 ...	153 6 ...	80 ... ...	21 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	31 ... ...	294 8 ...	1,134 24 14	55'98	...	Karschi, Dhra Dun and Meerut.	
Indian Technical Craft.	88	22	3	Admitted Died Invalided	2 1 ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	10 1 ...	0'33	...	Lahore.		
United Provinces Works.	791	73	...	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	29 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	11 4 ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	69 4 ...	1'42	...	Cherat.		
Works Battalion.	14	14	...	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	10 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	3 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	59 5 ...	0'85	...	Thal.		
1 Divisional Signal Company, Officers and Men.	120	120	6	Admitted Died Invalided	12 ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	9 1 ...	54 1 ...	3'11	...	Quetta and Detachment at Kowloon.	
2 Divisional Signal Company, Officers and Men.	234	229	6	Admitted Died Invalided	6 ... ...	2 ... ...	... ... ...	... ... ...	7 ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	1 ... ...	1 ... ...	7 ... ...	8 ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	1 ... ...	1 ... ...	39 ... ...	201 ... ...	17'11	...	Secunderabad.	
3 Divisional Signal Company, Officers and Men.	72	65	...	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	25 ... ...	10 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	2 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	63 ... ...	1'17	...	Kacha Garhi, Dardoni and Jamrud.	
4 Divisional Signal Company, Officers and Men.	61	62	8	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	41 1 ...	2'23	...	Lahore.	
5 Divisional Signal Company, Officers and Men.	173	43	...	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	29 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	4 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	47 5 ...	1'1	...	Kohat Detachment at Hangu.	
6 Divisional Signal Company, Officers and Men.	20	20	2	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	5 ... ...	39 1 ...	1'67	...	Jebulpore.
Cavalry Brigade Signal Troops.	20	10	...	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	0'12	...	Risalpur.	
7 Signal Troop.	35	11	1	Admitted Died Invalided	1 ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	9 1 ...	0'52	...	Kohat.	
8 Wireless Signal Squadron.	194	46	4	Admitted Died Invalided	2 ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	38 1 ...	1'52	...	Rawalpindi.	

TABLE XXIV—*contd.*

STATISTICS OF REGIMENTS.

A.—*Sickness and Mortality.*

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Serial number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent, invalided on account of old age.			
128	Depôt Signal Units.	1,687	1,686	55	Admitted Died Invalided	7 2 ...	...	...	4	136	...	1	...	5	6	12	156	21	79	1	2	1	21	245	1,416	17	54'60	Rawal Pooni Detachment		
129	1st Brahmans.	(a) 670	729	62	Admitted Died Invalided	1 1 ...	...	...	...	381	...	2	...	1	1	17	39	32	1	...	...	...	11	51	864	13	45'98	6	Fateh	
130	2nd Battalion, 1st Brahmans.	(a) 608	803	22	Admitted Died Invalided	2 2 ...	...	...	...	65	1	...	...	4	2	4	61	4	30	...	...	...	1	76	588	5	28'81	...	Sitapur	
131	1st Battalion, 2nd Queen Victoria's Own Rajput Light Infantry.	1,034	584	19	Admitted Died Invalided	9 1 ...	...	...	...	4	...	...	...	3	4	30	2	7	...	1	...	...	4	11	150	3	6'49	...	Lucknow	
132	2nd Battalion, 2nd Queen Victoria's Own Rajput Light Infantry.	1,281	649	2	Admitted Died Invalided	...	...	...	...	10	13	...	...	...	3	10	3	4	...	...	...	...	3	9	122	1	8'00	...	Malabar	
133	3rd Battalion, 2nd Queen Victoria's Own Rajput Light Infantry.	161	101	...	Admitted Died Invalided	5 ...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	1	47	...	3'14	...	Allahabad	
134	1st Battalion, 3rd Brahmans.	1,285	972	19	Admitted Died Invalided	199 11 1	...	...	1	40	...	6	...	...	...	45	...	...	...	...	...	...	30	32	631	24	23'53	...	Barrack Detachment at Lucknow	
135	2nd Battalion, 3rd Brahmans.	1,205	834	15	Admitted Died Invalided	57 15 ...	...	...	...	57	...	1	...	1	1	8	15	...	24	...	...	...	1	9	28	458	20	20'07	...	Almora Detachment at Lucknow
136	1st Battalion, 4th Prince Albert Victor's Rajputs.	1,618	494	16	Admitted Died Invalided	2 1 ...	...	...	1	5	...	...	...	...	1	4	26	4	6	...	3	...	9	17	143	5	6'07	...	Lucknow	
137	2nd Battalion, 4th Prince Albert Victor's Rajputs.	934	582	6	Admitted Died Invalided	...	1	3	...	61	68	...	...	2	3	5	22	3	9	...	1	...	3	22	346	8	12'40	...	Agra Detachment	
138	1st Battalion, 5th Light Infantry.	1,513	742	11	Admitted Died Invalided	60 14 ...	...	...	...	100	...	...	...	1	3	6	14	3	13	...	...	...	6	30	386	25	21'01	...	Loralai Detachment	
139	1st Battalion, 6th Jat Light Infantry.	1,244	710	22	Admitted Died Invalided	32 ...	...	2	...	91	34	...	...	1	1	7	17	...	16	...	...	...	17	18	471	4	19'25	...	Ferozpur Detachment	
140	2nd Battalion, 6th Jat Light Infantry.	940	1,019	7	Admitted Died Invalided	...	7	...	...	4	272	...	...	1	2	15	1	20	...	...	...	...	4	7	58	8	13'78	...	Agra Detachment	
141	1st Battalion, 7th Rajputs.	669	550	17	Admitted Died Invalided	...	...	...	1	60	...	...	...	2	1	13	49	11	3	...	1	...	8	8	312	10	19'40	...	Mhow	

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the year.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Station, 7th Bns.	1,017	693	31	Admitted Died Invalided	252 7 5	...	...	1	83	...	...	...	...	3	3	43	18	20	...	...	...	35	55	1,060	34	30	Fort William February 1919 from Alipore.
Station, 8th Bns.	(a) 540	639	10	Admitted Died Invalided	35 7 ...	...	2	...	16	...	...	...	...	1	10	16	2	4	...	...	...	12	25	132	11	87	Allahabad, August 1919 from Lucknow.
Station, 8th Bns.	383	298	1	Admitted Died Invalided	2 2 ...	...	1	...	...	...	...	...	...	4	11	2	...	...	...	1	...	3	8	47	2	24	Lucknow.
Station, 9th Bn Infantry.	1,235	1,086	31	Admitted Died Invalided	53 7 4	1	1	22	2	...	...	3	3	1	16	1	8	...	...	...	...	21	41	472	21	57	Fyzabad.
Station, 9th Bn Infantry.	(a) 521	537	15	Admitted Died Invalided	8 ... ...	...	...	97	10	...	...	19	4	2	7	36	...	40	...	1	10	31	17	557	26	62	Nasirabad.
Station, 9th Bn Infantry.	682	675	36	Admitted Died Invalided	2 4 11	1	...	166	...	...	...	...	...	5	...	24	24	16	...	...	1	22	48	924	28	33	Alipore, February 1919 from Fort William.
Station, 9th Bn Infantry.	1,205	921	8	Admitted Died Invalided	2 ... ...	...	...	113	...	...	...	2	1	4	24	13	5	...	...	...	...	9	24	439	11	21	Kohat, November 1919, from Mhow.
Station, 10th Bns.	492	469	18	Admitted Died Invalided	13 ... ...	1	...	18	...	...	...	8	1	...	14	...	17	...	...	...	1	15	17	451	18	01	Jhansi.
Battalion, 10th Bns.	1,068	616	10	Admitted Died Invalided	4 ... ...	...	...	30	10	...	...	...	...	1	3	11	...	4	...	...	...	7	15	314	19	07	Anandi, November 1919 from Lahore Detachment at Gyantse.
Station, 11th Bns.	1,320	912	8	Admitted Died Invalided	55 1 ...	...	1	44	1	...	5	...	...	7	9	37	...	5	...	...	...	13	15	342	16	47	Drosh and Barackpore. Detachment at Chitral.
Station, 11th Bns.	632	524	39	Admitted Died Invalided	2 ... ...	...	...	53	...	...	...	1	1	4	30	2	9	...	1	...	...	10	2	208	7	57	Sibi, November 1919 from Loralai.
Station, 12th Bns.	926	557	18	Admitted Died Invalided	16 2 ...	...	...	92	9	...	...	2	...	5	45	1	5	...	...	...	...	36	6	376	12	46	Nowshera, and Jhansi. Detachments at Ali Masjid and Landi-Kotal.

Increase in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—contd

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Serial number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, or invalided on account of old age.		
154	2nd Battalion, 10th Pioneers.	(a) 350	620	35	Admitted Died Invalided	3 ... ...	... ... ...	... ... ...	... ... ...	92 ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	7 1 6	14 5 ...	36 1 ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	41 ... ...	543 ... 6	30'33	Lab
155	14th Rajputs (The Shekha Wati Regiment).	520	474	9	Admitted Died Invalided	4 2 ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	1 ... ...	... ... ...	1 ... ...	... ... ...	11 2 1	25 1 ...	... ... ...	... ... ...	8 ... ...	1 ... ...	... ... ...	... ... ...	4 ... ...	28 7 3	191 ... 7	8'18	Sita on Ero no	
156	11th King George's Own Ferozepore Sikhs.	590	590	10	Admitted Died Invalided	... ... ...	1 ... ...	... ... ...	... ... ...	85 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 6 ...	... 3 ...	20 1 ...	... ... ...	2 ... ...	2 ... ...	9 ... ...	... ... ...	... ... ...	7 ... ...	25 4 ...	280 ... 4	10'64	Mul	
157	1st Battalion, 15th Ludhiana Sikhs.	632	549	4	Admitted Died Invalided	13 1 ...	1 ... ...	4 ... ...	... ... ...	71 ... ...	21 ... ...	... ... ...	... ... ...	2 ... ...	... 1 ...	... ... ...	9 ... ...	3 ... ...	... ... ...	7 ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	29 ... ...	360 ... 2	20'53	Peel	
158	2nd Battalion, 15th Ludhiana Sikhs.	498	460	11	Admitted Died Invalided	15 3 ...	2 ... ...	... ... ...	... ... ...	97 ... ...	21 ... ...	... ... ...	... ... ...	5 ... ...	1 ... ...	4 ... ...	22 1 ...	... ... ...	... ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	18 ... ...	385 ... 6	19'73	Fero Ag from an do Lud De at bar M	
159	16th Rajputs (The Lucknow Regiment).	1,425	645	13	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 5 ...	39 1 ...	4 ... ...	... ... ...	9 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	22 ... ...	262 ... 8	10'30	Lud De at bar M	
160	1st Battalion, 17th Infantry (The Loyal Regiment).	834	760	30	Admitted Died Invalided	25 3 ...	... ... ...	... ... ...	1 ... ...	32 ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	4 ... ...	1 ... ...	21 1 ...	... ... ...	... ... ...	10 ... ...	2 ... ...	... ... ...	... ... ...	24 ... ...	35 ... ...	707 ... 8	27'48	Jhar 191 De	
161	2nd Battalion, 17th Infantry (The Loyal Regiment).	(a) 914	1,116	12	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	1 ... ...	200 ... ...	71 ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	17 ... ...	90 ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	7 ... ...	38 ... ...	881 ... 13	30'49	Fero	
162	1st Battalion 18th Infantry.	(a) 1,249	1,754	5	Admitted Died Invalided	72 2 ...	1 ... ...	2 ... ...	... ... ...	9 ... ...	... ... ...	3 ... ...	... ... ...	6 ... ...	11 4 ...	8 ... ...	52 1 ...	9 ... ...	15 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	29 ... ...	126 ... ...	773 ... 16	51'60	Alla Jhar W Ka	
163	2nd Battalion, 18th Infantry.	(a) 507	623	1	Admitted Died Invalided	46 3 ...	... ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	... ... ...	2 ... ...	28 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	9 ... ...	64 ... ...	409 ... 5	24'82	Alla	
164	19th Punjabis	1,343	369	15	Admitted Died Invalided	37 4 ...	2 ... ...	... ... ...	... ... ...	521 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	1 ... ...	13 ... ...	18 ... ...	... ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	17 ... ...	8 ... ...	766 ... 1	20'16	Kar to fro go
165	2nd Battalion 19th Punjabis	1,256	671	12	Admitted Died Invalided	... ... ...	1 ... ...	... ... ...	... ... ...	81 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	3 ... ...	9 ... ...	3 ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	66 ... ...	320 ... 2	27'54	Hyd No 19 La to 19 Jhel
166	20th Duke of Cambridge's Own Infantry (Brownlow's Punjabis).	832	695	33	Admitted Died Invalided	... ... ...	1 ... ...	... ... ...	... ... ...	57 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	3 ... ...	10 ... ...	47 ... ...	3 ... ...	12 ... ...	... ... ...	... ... ...	... ... ...	16 ... ...	22 ... ...	532 ... 6	32'63	Jhel	

(.) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Companies and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
Punjabis.	695	473	34	Admitted Died Invalided	...	...	...	...	70	...	...	...	...	1	9	27	2	9	...	...	...	18	25	522	41'25	...	Jhelum.	
Battalion Punjabis.	1,215	969	18	Admitted Died Invalided	51	...	...	...	168	...	...	...	...	2	8	27	11	...	...	...	1	36	45	735	31'38	...	Jubbulpore.	
Punjabis.	1,343	669	6	Admitted Died Invalided	56	4	1	65	...	...	...	10	2	4	13	3	2	...	...	...	...	17	13	345	20'36	...	Chaman, September 1919 and Quetta throughout the year.	
Battalion Punjabis.	936	863	7	Admitted Died Invalided	56	...	2	30	2	14	...	3	3	10	62	1	1	...	...	...	1	4	20	360	17'56	...	Kowloon, May 1919, from Burhan, Detachment at Rawalpindi.	
Sikh	(a) 1,867	1,914	94	Admitted Died Invalided	2	...	1	170	67	4	...	15	8	27	78	16	43	...	...	...	1	14	191	1,174	60'27	...	Ambala, Detachments at Jullundur and Rawalpindi.	
Punjabis.	581	531	26	Admitted Died Invalided	63	1	...	53	2	...	...	5	3	10	6	2	4	...	...	...	...	18	13	902	34'34	...	Montgomery.	
Punjabis.	584	470	22	Admitted Died Invalided	...	2	...	56	2	...	...	2	...	6	20	1	2	...	...	...	...	10	23	287	18'86	...	Jhelum.	
Battalion, Punjabis.	1,107	691	15	Admitted Died Invalided	60	7	...	125	...	...	...	2	...	3	9	1	3	...	...	...	...	6	43	502	25'41	...	Jhelum, November 1919, from Jhansi, Detachments at Allahabad and Chaklala.	
Punjabis.	702	475	11	Admitted Died Invalided	1	...	...	77	...	2	...	3	...	4	24	6	4	...	...	...	...	11	19	390	19'24	...	Bareilly.	
Battalion, Punjabis.	1,059	597	10	Admitted Died Invalided	4	...	...	75	1	1	...	1	...	6	37	15	9	...	...	...	...	9	67	623	30'15	...	Dhond, October 1919 from Bareilly.	
Punjabis.	559	493	24	Admitted Died Invalided	...	...	...	58	2	...	...	3	...	9	11	33	...	...	...	...	10	...	16	16	277	27'02	...	Jhelum.
Battalion, Punjabis.	1,270	409	4	Admitted Died Invalided	...	1	1	...	22	33	...	2	...	1	11	...	...	...	...	...	...	4	13	202	6'35	...	Dhond, November 1919, from Agra.	
Punjabis.	609	574	20	Admitted Died Invalided	...	...	...	84	...	...	...	5	10	8	29	2	...	...	...	...	...	11	20	494	32'61	...	Jhelum.	

Decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	
180	2nd Battalion 28th Punjabis.	427	106	8	Admitted Died Invalided	1 1 1				2						17 3	11	1	1				2	7	80	6'36	Del	
181	29th Punjabis	592	420	26	Admitted Died Invalided					178 3				7 2	4 2	11 3	29 1	2	2					10 1	11	421 7 9	25'58	58 Jbe
182	30th Punjabis	(a) 857	873	16	Admitted Died Invalided					94 1	72	1		1		15 1	16					2		40 5	13	554 1 10	15'70	Me S F
183	2nd Battalion, 30th Punjabis.	(a) 602	655	12	Admitted Died Invalided					61 1					1 1	7 3	38		1		12			3 1	14	248 4 5	10'47	Mu
184	3rd Battalion, 30th Punjabis.	(a) 216	305	18	Admitted Died Invalided											9 3	58							1	3	110 3	6'61	Fer
185	4th Battalion, 30th Punjabis.	516	49	1	Admitted Died Invalided					18														3	32	1'12	Phi D Ja	
186	31st Punjabis	583	441	20	Admitted Died Invalided					161 1 1				4		6 2	14	3	2					9 1	16	361 2 7	22'98	Jbe
187	32nd Sikh Pio- neers.	755	620	25	Admitted Died Invalided	1 1				117		1		2	3	13 2	23			11				15 1	40 3	493 5 7	39'80	Sial
188	2nd Battalion, 32nd Sikh Pio- neers.	(a) 305	479	14	Admitted Died Invalided					18				3	6	5 2	17	1	3		1			13 1	42	255 2 13	22'36	Sial
189	3rd Battalion, 32nd Sikh Pio- neers.	110	93	2	Admitted Died Invalided					1						1	2								17	44	3'36	Sial D A
190	1st Battalion, 33rd Punjabis.	780	480	12	Admitted Died Invalided	5 1	1			87	20			1		4 2	30	1	1					4	19	264 3 3	2'35	Ra
191	2nd Battalion, 33rd Punjabis.	892	473	12	Admitted Died Invalided	1				53						6 2	12	2	11				3	16	16	389 4	12'63	All S C C
192	34th Sikh Pio- neers.	635	586	23	Admitted Died Invalided					111	13			2	3	5	10	8	9					7 3	53	375 3 11	17'03	Am D at M

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the

TABLE XXIV -  
STATISTICS OF REGIMENTS

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
Battalion, Sikh Pio-	806	620	16	Admitted Died Invalided	1 ... ...	1 ... ...	... ... ...	... ... ...	54 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 5 15	1 ... ...	1 ... ...	1 ... ...	1 ... ...	1 ... ...	1 ... ...	1 ... ...	1 ... ...	1 ... ...	34 324 3	26'25	...	Sialkot. Detachment at Jamrud.	
Battalion, Sikh Pio-	(a) 256	434	11	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	23 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	4 1 4	4 ... ...	4 ... ...	4 ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	25 144 4	6'58	...	Ambala.		
Battalion, Sikhs.	710	618	2	Admitted Died Invalided	2 1 ...	2 ... ...	... ... ...	139 ... ...	32 ... ...	... ... ...	... ... ...	2 ... ...	2 ... ...	2 ... ...	2 ... ...	25 ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	5 ... ...	21 ... ...	297 1 8	23'64	...	Anandi, November 1919, from Ferozepore and Peshawar.	
Battalion, Sikhs.	890	753	14	Admitted Died Invalided	25 3 ...	4 2 ...	... ... ...	111 ... ...	4 ... ...	... ... ...	... ... ...	1 ... ...	4 ... ...	15 4 2	45 ... ...	5 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	12 ... ...	47 ... ...	635 13 3	32'87	...	Lahore. Detachments at Ali Masjid and Kacha Garhi.	
Battalion, Sikhs.	1,401	758	13	Admitted Died Invalided	60 1 ...	1 ... ...	1 ... ...	74 ... ...	4 ... ...	2 ... ...	1 ... ...	6 ... ...	31 ... ...	14 ... ...	7 ... ...	14 ... ...	7 ... ...	... ... ...	... ... ...	... ... ...	15 ... ...	27 ... ...	635 4 3	31'19	...	Bareilly.		
Battalion, Sikhs.	(a) 339	722	34	Admitted Died Invalided	8 ... ...	4 ... ...	... ... ...	175 ... ...	2 ... ...	... ... ...	... ... ...	7 ... ...	1 ... ...	20 3 1	47 ... ...	2 ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	18 ... ...	19 ... ...	534 4 8	32'05	...	Jhelum. Detachment at Kacha Garhi.	
Battalion, Sikhs.	(a) 459	541	26	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	220 ... ...	1 ... ...	... ... ...	6 ... ...	4 ... ...	10 5 ...	32 ... ...	4 ... ...	3 ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	13 ... ...	13 ... ...	537 ... 5	32'39	...	Jhelum.		
Battalion, Garhwal	803	571	10	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	80 ... ...	1 ... ...	1 ... ...	1 ... ...	3 ... ...	4 ... ...	50 ... ...	... ... ...	5 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	1 ... ...	13 ... ...	285 ... 7	16'07	...	Lansdowne.
Battalion, Garhwal	1,074	466	15	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	50 ... ...	1 ... ...	1 ... ...	1 ... ...	5 ... ...	2 ... ...	24 ... ...	... ... ...	2 ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	10 ... ...	227 ... 6	14'71	...	Lansdowne.	
Battalion, Garhwal	714	643	10	Admitted Died Invalided	23 ... ...	2 ... ...	... ... ...	69 ... ...	16 ... ...	... ... ...	... ... ...	1 ... ...	5 ... ...	5 ... ...	26 ... ...	2 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	10 ... ...	271 ... 2	13'35	...	Cashmere Detachment at Fort Jamrud.	
Battalion, Garhwal	(a) 377	539	11	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	57 ... ...	6 ... ...	1 ... ...	4 ... ...	5 ... ...	5 ... ...	4 ... ...	5 ... ...	4 ... ...	1 ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	15 ... ...	351 ... 1	26'69	...	Lansdowne, July 1919, from Dehra Dun.	
Battalion, Garhwal	(a) 284	479	15	Admitted Died Invalided	8 ... ...	1 ... ...	... ... ...	44 ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	10 ... ...	30 ... ...	3 ... ...	11 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	7 ... ...	320 ... 4	19'29	...	Landi Kotal, from Campbellpore, October 1919.	

Decrease in enrolled strength as compared with the average strength present is due to draft proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Venerel Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	
205	1st Battalion, 41st Dogras.	1,153	358	12	Admitted Died Invalided	26 1	...	...	...	16 1	3	...	...	2	12	15	2	2	8	1	...	11	10	236	14.48	...	Dhe	
206	2nd Battalion, 41st Dogras.	1,680	598	18	Admitted Died Invalided	8 9	3 1	1	...	59	3	...	...	...	5	19	66	...	10	...	8	...	9	19	468	36.40	...	Lab
207	1st Battalion, 42nd Deoli Regiment.	839	635	16	Admitted Died Invalided	...	...	...	...	32	...	...	...	2	5	6	32	...	4	...	1	1	10	35	331	16.30	...	Deol
208	2nd Battalion, 42nd Deoli Regiment.	909	576	24	Admitted Died Invalided	23 3	1	...	...	143	9	...	...	3	3	30	88	...	11	...	6	21	22	686	24.10	...	Ch	
209	1st Battalion, 43rd Eriņpara Regiment.	1,417	1,142	29	Admitted Died Invalided	28 3	...	...	...	116	...	...	...	6	7	17	50	18	29	...	1	4	18	30	574	18.91	...	Eriņ
210	2nd Battalion, 43rd Eriņpara Regiment.	847	713	21	Admitted Died Invalided	53 2	...	...	...	66	...	...	...	2	2	10	48	38	41	...	2	3	32	55	665	42.65	...	Aj
211	44th Merwara Infantry.	1,726	604	19	Admitted Died Invalided	14 1	...	...	...	55	...	...	...	5	10	66	5	21	...	...	...	...	9	32	434	10.59	...	Aj
212	4th Sikhs, Rattray's	511	511	13	Admitted Died Invalided	...	1	...	...	33	...	...	...	2	4	8	17	...	2	...	3	...	3	8	182	8.78	...	Mul
213	46th Punjabis	628	270	12	Admitted Died Invalided	...	...	...	...	19	...	...	...	1	1	5	15	3	6	...	...	...	5	5	224	14.41	...	Can
214	47th Sikhs	616	476	8	Admitted Died Invalided	...	...	...	...	29	1	2	...	2	7	11	13	2	...	...	...	...	13	16	409	19.92	...	Dan
215	1st Battalion, 48th Pioneers.	545	481	10	Admitted Died Invalided	98 ...	1	...	...	46	...	...	...	1	...	...	6	1	11	...	...	...	9	5	389	11.82	...	Jhar

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Number audits achments.	Number borne on the rolls.	Average strength present.	Seen on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandyfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last mov.
Battalion, Pioneers.	783	750	8	Admitted Died Invalided	46 ... ...	... ... ...	... ... ...	33 ... ...	... ... ...	... ... ...	12 ... ...	1 ... ...	3 ... ...	1 ... ...	38 ... ...	4 ... ...	26 ... ...	... ... ...	... ... ...	1 ... ...	29 ... ...	30 ... ...	567 ... ...	23'95	...	Avanagar.	
Battalion, Bengalis.	713	704	10	Admitted Died Invalided	23 ... ...	3 ... ...	1 ... ...	294 ... ...	... ... ...	... ... ...	7 ... ...	... ... ...	9 ... ...	61 ... ...	7 ... ...	15 ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	13 ... ...	100 ... ...	934 ... ...	60'68	...	Karachi. Detachment at Dum Dum.	
Battalion, Kumaon.	(a) 644	865	17	Admitted Died Invalided	18 ... ...	1 ... ...	6 ... ...	129 ... ...	... ... ...	... ... ...	4 ... ...	1 ... ...	1 ... ...	24 ... ...	3 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	48 ... ...	390 ... ...	23'41	...	Almora, September 1919, from Fyzabad.	
Battalion, Kumaon.	(a) 1,109	1,121	6	Admitted Died Invalided	8 ... ...	2 ... ...	... ... ...	156 ... ...	1 ... ...	8 ... ...	3 ... ...	3 ... ...	2 ... ...	142 ... ...	13 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	26 ... ...	71 ... ...	1,310 ... ...	36'53	...	Barilly, Detachment at Ali Masjid.	
Battalion, Sikhs (Frontier Force).	667	533	3	Admitted Died Invalided	1 ... ...	... ... ...	1 ... ...	64 ... ...	18 ... ...	... ... ...	5 ... ...	1 ... ...	5 ... ...	14 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	8 ... ...	386 ... ...	23'97	...	Jullundur.
Battalion, 52nd Sikhs (Frontier Force).	(a) 497	552	14	Admitted Died Invalided	35 ... ...	... ... ...	... ... ...	113 ... ...	22 ... ...	... ... ...	2 ... ...	2 ... ...	6 ... ...	21 ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	17 ... ...	19 ... ...	421 ... ...	28'31	...	Jullundur.
Battalion, 53rd Sikhs (Frontier Force).	714	530	7	Admitted Died Invalided	... ... ...	... ... ...	2 ... ...	86 ... ...	21 ... ...	... ... ...	2 ... ...	... ... ...	3 ... ...	12 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	18 ... ...	10 ... ...	419 ... ...	22'18	...	Jullundur.
Battalion, Sikhs (Frontier Force).	631	520	3	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	70 ... ...	20 ... ...	... ... ...	5 ... ...	2 ... ...	8 ... ...	22 ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	19 ... ...	492 ... ...	27'75	...	Jullundur.
Battalion, Sikhs (Frontier Force).	974	581	15	Admitted Died Invalided	13 ... ...	1 ... ...	... ... ...	130 ... ...	28 ... ...	... ... ...	2 ... ...	1 ... ...	2 ... ...	51 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	16 ... ...	333 ... ...	12'30	...	Rawalpindi. Detachment at Landkotal.
Battalion, Coke's Rifles (Frontier Force).	844	519	24	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	111 ... ...	3 ... ...	5 ... ...	5 ... ...	3 ... ...	13 ... ...	25 ... ...	12 ... ...	31 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	19 ... ...	57 ... ...	700 ... ...	40'68	...	Ambala. May 1919 from Delhi.
Battalion, Coke's Rifles (Frontier Force).	913	828	21	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	101 ... ...	4 ... ...	3 ... ...	1 ... ...	9 ... ...	29 ... ...	26 ... ...	17 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	18 ... ...	104 ... ...	765 ... ...	52'45	...	Delhi.
Battalion, Punjabi Sikhs (Frontier Force).	814	649	4	Admitted Died Invalided	1 ... ...	1 ... ...	... ... ...	93 ... ...	24 ... ...	... ... ...	4 ... ...	1 ... ...	5 ... ...	18 ... ...	2 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	11 ... ...	535 ... ...	29'37	...	Jullundur.
Battalion, Punjabi Sikhs (Frontier Force).	1,005	414	11	Admitted Died Invalided	15 ... ...	1 ... ...	... ... ...	49 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	11 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	9 ... ...	169 ... ...	9'10	4	Jullundur, October 1919, from Quetta.

Decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial number.	Corps audits Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	
229	57th Wilde's Rifles (Frontier Force).	1,239	41	6	Admitted ... 2 ... 1 Died ... Invalided ...	...	...	...	...	107	12	1	...	3	1	10	30	6	5	...	...	...	7	8	305	11'22	28	K
230	58th Vaughan's Rifles (Frontier Force).	(a) 459	460	16	Admitted ... 5 ... Died ... Invalided ...	...	...	...	...	33	...	...	...	2	1	4	23	...	2	...	2	1	4	29	169	10'35	...	M
231	59th Scinde Rifles (Frontier Force).	838	637	6	Admitted ... 1 ... 1 Died ... Invalided ...	1	1	1	151	20	...	...	...	3	...	5	22	...	1	...	...	...	12	19	453	25'28	...	J
232	1st Battalion, 61st King George's Own Pioneers.	858	763	114	Admitted ... 5 ... 1 Died ... Invalided ...	5	1	1	96	95	1	...	...	7	...	75	190	3	12	...	2	...	35	47	949	40'58	...	F
233	2nd Battalion, 61st King George's Own Pioneers.	506	437	4	Admitted ... 22 1 1 Died ... Invalided ...	22	1	1	13	...	...	...	...	2	...	5	23	5	21	...	...	...	6	50	262	15'09	...	D
234	62nd Punjabis	741	480	17	Admitted ... 8 ... 1 Died ... Invalided ...	8	1	...	151	11	...	...	...	10	3	8	20	...	1	...	...	...	9	22	530	23'27	...	C
235	1st Battalion, 63rd Palamcottah Light Infantry.	1,223	980	21	Admitted ... 16 ... 1 Died ... Invalided ...	16	1	...	48	...	8	...	...	3	...	35	58	1	3	...	...	...	10	93	485	20'66	...	R
236	64th Pioneers	(a) 505	531	18	Admitted ... 65 ... 2 Died ... Invalided ...	65	2	...	211	...	...	...	...	...	...	5	32	7	7	...	...	...	5	54	573	29'12	...	B
237	1st Battalion, 66th Punjabis.	1,233	295	10	Admitted ... 1 ... Died ... Invalided ...	1	...	...	75	...	4	...	...	1	1	7	13	10	4	...	...	2	12	12	274	25'59	...	M

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXXI  
STATISTICS OF REGIMENTS

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Companies and its detachment.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandyfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lung.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, or invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Battalion, 66th Rajahs.	(a) 535	876	8	Admitted Died Invalided	9 2 ...	2 2 ...	...	...	30 2 ...	...	...	1 1 ...	...	1 3 ...	1 1 ...	27 ...	...	5 ...	...	...	...	4 50 ...	461 6 ...	21'97	...	Sitapur, Detachments at Simla and Kacha Garhi.	
Battalion, 67th Rajahs.	(a) 528	581	10	Admitted Died Invalided	...	1 1 ...	...	...	6 139 ...	...	...	...	...	2 2 ...	2 1 ...	29 ...	...	2 ...	...	...	...	3 21 ...	328 4 ...	10'79	...	Agra.	
Battalion, 67th Rajahs.	1,240	569	7	Admitted Died Invalided	8 1 ...	1 1 ...	...	...	145 80 ...	...	...	6 ...	...	2 7 ...	3 1 ...	70 7 ...	7 5 ...	...	...	1 25 ...	86 706 6 1	15'92	...	Agra and Ali Masjid from Chaklala and Rawalpindi.			
Battalion, 69th Rajahs.	1,114	759	12	Admitted Died Invalided	16 2 ...	1 ...	...	...	264 95 ...	2 ...	...	2 ...	...	2 3 ...	5 1 ...	35 3 ...	3 ...	...	...	...	...	22 13 ...	640 9 ...	14'65	...	Agra, Detachment at Thal.	
Battalion, 69th Rajahs.	(a) 263	404	15	Admitted Died Invalided	...	4 ...	...	...	39 ...	...	...	6 ...	...	2 16 ...	13 2 ...	2 4 ...	...	...	...	...	...	...	51 413 2 7	33'47	...	Delhi, June 1919.	
Battalion, 70th Madras Rifles.	70	69	1	Admitted Died Invalided	...	...	...	...	2 ...	...	...	2 ...	...	...	10 2 ...	2 1 ...	...	...	...	...	...	1 5 ...	46 3'05	...	Secunderabad, Disbanded in February 1919.		
Battalion, 70th Madras Rifles.	1,384	1,035	9	Admitted Died Invalided	22 1 ...	1 ...	...	...	20 ...	...	...	6 1 ...	...	3 1 ...	...	58 3 ...	3 15 ...	...	2 ...	...	2 146 ...	924 4 ...	48'52	...	Secunderabad, and Dinapore.		
Battalion, 70th Madras Rifles.	1,247	864	2	Admitted Died Invalided	4 1 ...	...	...	...	4 3 ...	...	1 ...	3 7 ...	...	1 1 ...	98 ...	2 10 ...	1 12 ...	...	...	...	...	3 188 ...	700 2 ...	52'01	...	Secunderabad.	
Battalion, 70th Madras Rifles.	940	703	2	Admitted Died Invalided	...	...	...	...	88 1 ...	12 2 ...	9 ...	1 2 ...	...	2 29 ...	1 4 ...	...	...	...	...	...	...	5 246 ...	570 6 ...	33'49	...	Shwebo October 1919 from Mictila.	
Battalion, Punjabis.	640	628	17	Admitted Died Invalided	1 1 ...	...	...	...	69 ...	1 ...	...	1 ...	...	4 1 ...	14 1 ...	7 ...	24 ...	...	...	...	2 8 ...	169 632 3 9	37'79	...	Delhi, February 1919, from Hyderabad.		
Battalion, 72nd Rajahs.	516	358	26	Admitted Died Invalided	...	...	...	...	45 ...	6 ...	24 ...	4 5 ...	...	6 2 ...	...	17 3 ...	4 1 ...	...	...	...	...	2 18 ...	27 408 3 22	26'77	...	Delhi.	

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Serial number.	Corps and its Detachment.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Euteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veretral Diseases.	All Causes.	Average number constantly sick.	Died absent, Invalided on account of old age.			
249	2nd Battalion, 72nd Punjabis.	1,028	881	11	Admitted Died Invalided	...	...	2	...	79	...	...	...	...	...	1	17	...	4	6	...	...	...	21	239	1	12'98	...	Avan No 191	
250	1st Battalion, 73rd Carnatic Infantry.	673	627	4	Admitted Died Invalided	34	1	1	127	...	...	...	3	1	4	58	3	24	...	18	77	545	1	26'97	...	...	...	...	Bha No 191	
251	2nd Battalion, 73rd Carnatic Infantry.	875	773	39	Admitted Died Invalided	235	3	4	29	...	2	1	1	1	59	3	3	...	1	1	15	72	832	9	30'41	...	...	...	Bella 191	
252	74th Punjabis	958	968	22	Admitted Died Invalided	23	5	6	1	29	86	1	1	4	1	34	2	4	...	22	32	455	7	17'19	...	...	...	...	Agra W Ko	
253	1st Battalion, 75th Carnatic Infantry.	(a) 535	538	22	Admitted Died Invalided	74	4	1	23	...	...	...	1	1	18	2	3	...	1	93	380	6	1	21'90	...	...	...	...	Bang Aug fron nag	
254	2nd Battalion, 75th Carnatic Infantry.	878	725	17	Admitted Died Invalided	78	3	15	...	121	...	...	2	2	3	46	12	8	...	1	5	184	1,008	5	58'74	...	...	...	...	Secu hun fron lore men
255	76th Punjabis	(a) 1,048	1,228	53	Admitted Died Invalided	46	4	...	243	...	1	3	...	3	17	36	15	12	...	3	52	31	1,013	8	49'71	...	...	...	...	Bell Jubb Det at Kha and Secu
256	79th Carnatic Infantry.	1,811	622	3	Admitted Died Invalided	5	...	...	46	...	1	5	1	2	14	16	2	3	...	1	86	526	1	30'85	...	...	...	...	...	
257	1st Battalion, 80th Carnatic Infantry.	1,522	776	10	Admitted Died Invalided	10	...	...	61	3	...	4	1	3	30	20	11	...	2	15	146	529	8	29'66	...	...	...	...	...	Mays tad at N Mei St. Mo
258	2nd Battalion, 80th Carnatic Infantry.	1,189	881	16	Admitted Died Invalided	230	1	...	61	...	...	3	3	6	41	1	7	...	30	71	694	10	1	30'05	...	...	...	...	...	Trich Det at bad
259	1st Battalion, 81st Pioneers.	926	905	37	Admitted Died Invalided	42	8	...	272	1	5	...	1	3	13	42	8	6	1	1	2	13	138	859	14	41'70	...	...	...	Bang Det at Del
260	2nd Battalion, 81st Pioneers.	862	700	53	Admitted Died Invalided	45	...	...	63	...	...	1	3	6	64	10	5	...	1	7	99	512	19	37'66	...	...	...	...	...	Bang July fron Th Mo tad Lan
261	82nd Punjabis	795	772	14	Admitted Died Invalided	132	11	...	83	...	...	5	1	2	16	1	11	...	...	8	29	571	4	26'35	...	...	...	...	...	Jhan

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV  
STATISTICS OF REGIMENTS

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Regiments and its detachments	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent. Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
Wallajahbadht Infantry.	817	651	14	Admitted Died Invalided	152 1 ...	...	...	...	9	...	...	...	3	4	...	23	3	2	...	...	...	5	48	407	20'50	...	Trichinopoly, Detachments at Ootacamund and Bellary.	
Punjabis	595	482	20	Admitted Died Invalided	14 ...	2 ...	...	...	135	9	...	...	24	1	6	26	...	...	...	...	...	10	24	553	26'34	...	Cawnpore.	
Battalion, Burma	659	622	16	Admitted Died Invalided	14 1	...	...	...	79	...	...	...	1	7	49	4	30	...	...	...	...	21	49	426	18'73	...	Mandalay, Detachments and Thayetmyo and Myitkynia.	
Carnatic	1,144	991	8	Admitted Died Invalided	7 1	...	...	...	225	...	...	...	7	2	...	50	7	10	...	1	...	16	69	614	32'67	...	Meiktila, November 1919, from bhama and Shwebo.	
Punjabis	532	451	11	Admitted Died Invalided	79 1	4 ...	...	...	70	...	...	...	1	2	2	17	1	11	...	1	...	4	6	311	10'25	...	Jhansi.	
Battalion, Carnatic	639	572	34	Admitted Died Invalided	130 4	...	...	1	19	...	...	...	2	2	1	49	4	22	...	1	...	16	64	561	27'84	...	St. Thomas Mount, March 1919 from Bellary.	
Battalion, Carnatic	930	762	27	Admitted Died Invalided	175 6	6 5	13 4	...	113	...	...	94	7	2	11	41	18	39	...	3	6	11	125	6,179	59'06	...	Bombay, June 1919 from Bangalore and Bellary.	
Battalion, 89th	544	436	22	Admitted Died Invalided	1 7	1 ...	...	...	38	...	...	...	6	4	20	3	15	...	1	...	...	4	51	400	22'65	...	Kamptee.	
Battalion, 89th	982	531	5	Admitted Died Invalided	4 ...	1 ...	...	...	81	1	1	...	2	3	15	6	5	1	...	...	...	3	14	266	15'37	1	Dargai, Detachment at Chakdara.	
Battalion, 90th	(a) 762	539	15	Admitted Died Invalided	3 ...	9 5	...	...	408	2	1	...	12	2	9	36	3	19	...	...	...	1	73	38	946	31'37	...	Kamptee, Detachment at Thal.
Battalion, 90th	490	472	6	Admitted Died Invalided	3 ...	1 ...	...	...	76	...	...	...	2	3	39	15	34	...	...	...	...	15	24	368	26'86	...	Dhond, May 1919 from Monmad and Kikee.	
Battalion, 91st	599	477	11	Admitted Died Invalided	2 ...	...	...	...	23	...	...	...	1	1	4	49	1	...	...	...	...	4	16	177	9'74	...	Rangoon.	

The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.  
Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lung.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scorbut.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, or invalided on account of old age.	occ. regis. det. during with 1918 La.	
274	2nd Battalion, 91st Punjabis.	869	756	11	Admitted Died Invalided	59 1 ...	1 ... ...	1 ... ...	109 ... ...	...	...	...	...	...	...	2 29 25	2 1 ...	2 ... ...	2 ... ...	...	...	3 ... ...	30 ... ...	42 ... ...	615 ... ...	25'46	...	Job	
275	1st Battalion, 92nd Punjabis.	776	507	8	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	35 ... 1	...	...	15 ... 2	1 ... 1	5 ... 1	18 ... 1	2 ... ...	6 ... ...	2 ... ...	...	...	...	...	17 ... 3	12 ... ...	325 ... 13	17'93	...	Delh	
276	93rd Burma Infantry.	751	535	13	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	38 ... 1	1 ... ...	5 ... ...	6 ... ...	2 ... 1	4 ... 1	19 ... 2	5 ... ...	5 ... ...	1 ... ...	1 ... ...	2 ... ...	...	...	10 ... ...	10 ... ...	395 ... 10	22'22	...	Delh	
277	1st Battalion, 94th Russell's Infantry.	718	575	19	Admitted Died Invalided	4 1 ...	... ... ...	... ... ...	112 ... ...	21 ... ...	...	6 2 2	2 1 2	4 1 ...	41 ... 1	...	16 ... ...	...	...	...	...	...	...	20 ... 5	20 ... 1	495 ... 21	24'62	...	Nasi
278	2nd Battalion, 94th Russell's Infantry.	896	730	19	Admitted Died Invalided	3 ... 1	... ... ...	... ... ...	27 ... ...	2 ... ...	...	4 ... 2	1 ... ...	4 ... ...	40 ... 8	1 ... ...	4 ... ...	...	2 ... ...	...	...	...	...	16 ... 7	49 ... 30	388 ... 80	23'91	...	Saug
279	1st Battalion, 95th Russell's Infantry.	802	643	13	Admitted Died Invalided	2 1 ...	1 ... ...	1 ... ...	14 ... ...	...	...	1 ... 1	...	1 ... 1	45 ... 7	...	2 ... ...	...	1 ... ...	...	...	...	13 ... 5	5 ... 3	428 ... 54	25'60	...	Saug	
280	2nd Battalion, 95th Russell's Infantry.	1,094	759	12	Admitted Died Invalided	25 2 ...	... ... ...	... ... ...	83 ... ...	4 ... ...	1 ... 2	5 ... 2	3 ... 2	3 ... 1	70 ... 1	48 ... 1	8 ... ...	...	...	...	...	...	13 ... ...	58 ... ...	695 ... 24	38'04	...	Seca Det at kot	
281	1st Battalion, 96th Berar Infantry.	830	689	14	Admitted Died Invalided	2 1 ...	... ... ...	... ... ...	13 ... 1	... ... ...	...	1 ... ...	4 ... 1	23 ... 4	...	1 ... ...	2 ... ...	...	...	...	...	...	12 ... 4	26 ... 13	239 ... 40	18'11	...	Saug	
282	2nd Battalion, 96th Berar Infantry.	921	819	5	Admitted Died Invalided	7 1 ...	... ... ...	... ... ...	64 ... ...	... ... ...	...	1 ... 2	2 ... 2	3 ... ...	21 ... 1	17 ... ...	73 ... ...	...	...	...	...	...	1 ... 1	15 ... 1	37 ... 5	542 ... 9	28'79	...	Sant Oct fro an...
283	1st Battalion, 97th Deccan Infantry.	1,378	1,146	29	Admitted Died Invalided	4 2 ...	1 ... ...	1 ... ...	74 ... ...	... ... ...	...	1 ... 2	11 ... 7	70 ... 8	6 ... ...	66 ... ...	...	...	...	...	...	...	1 ... ...	30 ... ...	15 ... ...	469 ... 21	20'55	...	Ahm Det at 1
284	2nd Battalion, 97th Deccan Infantry.	546	677	14	Admitted Died Invalided	... ... ...	1 ... ...	1 ... ...	44 ... 1	... ... ...	...	1 ... 1	2 ... 1	20 ... 1	55 ... ...	2 ... ...	77 ... ...	...	...	...	...	...	...	11 ... 3	38 ... 2	488 ... 15	22'75	...	Ahm

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Companies and its attachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Battalion 98th Infantry.	765	316	5	Admitted Died Invalided	34 6 ...	...	...	40 1 ...	...	...	...	...	2 1 ...	1 2 ...	14 ...	...	...	...	...	...	...	11 5 ...	159 2 3	8'85	181	Quetta.	
Battalion 98th Infantry.	1,464	846	16	Admitted Died Invalided	36 2 ...	...	...	76 1 ...	...	...	...	...	1 5 2	2 1 3	14 28 ...	22 ...	...	...	...	...	...	36 19 ...	677 5 13	30'51	...	Jubbulpore.	
Deccan Infantry.	(a) 820	941	21	Admitted Died Invalided	...	...	...	77 ...	...	...	...	...	2 4 22	4 22 66	2 1 9	66 74 ...	9 ...	...	...	...	...	23 27 ...	474 8 11	20'33	...	Ahmedabad Detachment at Arangaon.	
Battalion the Grenadiers.	724	548	28	Admitted Died Invalided	9 ...	...	...	74 1 ...	...	...	...	...	5 3 4	3 3 1	9 3 4	15 ...	30 ...	...	...	...	...	7 46 1	513 8 1	17'17	...	Aurangabad.	
Battalion the Grenadiers.	984	371	512	Admitted Died Invalided	...	...	...	150 ...	...	...	...	...	3 ...	5 2 ...	45 ...	...	24 ...	...	...	...	...	209 13 ...	760 3 23	15'33	...	Mhow, November 1919 from Manwad and Arangaon.	
Battalion 102nd Edward's Grenadiers	842	641	15	Admitted Died Invalided	38 9 ...	...	1	127 ...	...	...	...	...	8 1 ...	4 2 ...	9 1 ...	16 1 ...	5 ...	14 ...	...	2 ...	...	12 7 ...	502 14 8	30'17	...	Mhow Detachment at Pishin.	
Battalion King Edward's Own Infantry.	1,048	553	26	Admitted Died Invalided	8 1 ...	...	...	20 2 ...	...	...	...	...	7 2 3	2 1 2	11 4 ...	20 3 ...	9 ...	13 ...	...	...	...	23 28 ...	470 9 31	20'90	...	Dinapore July 1919, from Arangaon.	
Battalion 103rd Mahratta Infantry.	940	436	7	Admitted Died Invalided	1 ...	...	...	51 1 ...	1 ...	1 ...	...	...	4 1 ...	14 4 ...	51 ...	...	7 ...	...	...	...	...	1 21 ...	429 6 11	20'66	...	Belgaum January 1919, from Arangaon and Bannu.	
Battalion 103rd Mahratta Light Infantry.	536	479	1	Admitted Died Invalided	3 ...	1 ...	...	7 ...	...	...	...	...	1 ...	8 ...	22 ...	18 ...	...	...	...	...	...	2 64 ...	401 1 2	20'84	...	Thal November 1919, from Belgaum and Satara.	
Wellesley's Infantry.	(a) 498	845	15	Admitted Died Invalided	2 ...	...	...	114 ...	...	...	...	...	6 1 ...	7 8 ...	8 1 ...	38 2 ...	2 ...	16 ...	...	...	...	11 8 ...	487 2 15	32'78	...	Mhow.	
Mahratta Infantry.	250	247	6	Admitted Died Invalided	...	...	...	3 ...	...	...	...	...	2 ...	1 14 ...	13 ...	...	...	...	...	...	...	...	33 253 1	11'58	...	Belgaum.	
Hazara Infantry.	586	585	7	Admitted Died Invalided	36 7 1	...	...	133 2 ...	...	...	...	...	2 3 ...	3 5 3	5 8 ...	8 2 ...	...	...	...	...	...	9 22 ...	276 11 7	14'66	...	Quetta.	
Battalion 107th Infantry.	709	281	3	Admitted Died Invalided	12 1 ...	...	...	43 2 ...	...	...	...	...	2 ...	2 1 ...	5 1 ...	4 9 ...	...	...	...	...	...	5 7 ...	123 4 6	6'42	...	Quetta.	
Battalion 107th Infantry.	678	614	27	Admitted Died Invalided	181 1 ...	2 ...	...	65 4 ...	...	...	...	...	3 2 ...	1 1 ...	20 2 1	1 14 ...	...	...	...	...	...	12 35 ...	688 4 41	28'77	...	Jhansi.	
Infantry.	625	296	18	Admitted Died Invalided	12 1 2	...	...	72 ...	...	...	...	...	1 1 ...	1 2 27	2 7 ...	14 ...	...	...	...	...	...	14 36 ...	332 8 8	11'16	...	Aurangabad.	

Increase in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

# INDIAN TROOPS, 1919.

## TABLE XXIV—*continued.*

### STATISTICS OF REGIMENTS.

#### A.—*Sickness and Mortality.*

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyæmia of uncertain origin.	Flagras.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	
300	1st Battalion 109th Infantry.	(a) 279	490	6	Admitted Died Invalided	...	...	...	...	11	6	7	...	3	1	6	41	2	14	...	...	...	1	12	19	566	26'76	16
301	2nd Battalion 109th Infantry.	834	714	16	Admitted Died Invalided	22	5	2	...	206	...	...	...	1	...	8	60	11	10	...	1	2	8	30	636	25'99	...	
302	110th Mahratta Light Infantry.	576	542	...	Admitted Died Invalided	51	...	1	...	233	19	...	...	...	1	8	38	4	15	...	2	...	11	20	578	19'35	...	
303	111th Mahars.	830	599	3	Admitted Died Invalided	4	...	1	...	20	...	...	...	...	1	10	11	4	1	...	...	...	3	66	288	16'18	...	
304	1st Battalion 112th Infantry.	1,543	514	9	Admitted Died Invalided	6	...	...	...	144	5	...	...	6	3	18	33	...	7	...	2	3	19	11	427	18'89	1	
305	2nd Battalion 112th Infantry.	817	455	19	Admitted Died Invalided	2	...	...	...	59	...	...	...	...	1	20	20	14	27	...	2	...	14	12	393	18'61	...	
306	1st Battalion 113th Infantry.	547	537	20	Admitted Died Invalided	44	...	...	...	19	...	...	...	2	...	6	12	...	37	...	1	8	34	352	17'91	4		
307	2nd Battalion 113th Infantry.	(a) 525	604	42	Admitted Died Invalided	57	...	...	...	27	...	...	...	2	12	11	34	...	77	...	1	...	11	35	483	24'11	1	
308	114th Mahrattas.	(a) 491	531	7	Admitted Died Invalided	...	...	...	...	1	7	...	...	2	1	5	17	2	13	...	...	...	2	22	219	10'54	...	
309	1st Battalion 116th Mahrattas.	(a) 422	619	4	Admitted Died Invalided	...	...	...	...	23	...	...	...	7	3	6	21	...	11	...	...	...	3	55	248	17'46	...	
310	2nd Battalion 116th Mahrattas.	760	304	5	Admitted Died Invalided	51	...	...	...	85	...	...	...	1	...	20	3	5	...	...	...	1	22	314	10'31	...		
311	1st Battalion 117th Mahrattas.	(a) 365	445	11	Admitted Died Invalided	...	1	...	...	6	...	...	...	...	3	33	...	5	...	...	...	5	48	365	21'94	...		
312	2nd Battalion 117th Mahrattas.	1,385	744	4	Admitted Died Invalided	4	...	...	...	85	...	...	...	2	1	4	30	32	16	...	...	...	5	77	468	25'27	...	
313	1st Battalion 119th Infantry (the Multan Regiment).	638	556	10	Admitted Died Invalided	10	...	...	...	48	...	...	...	6	3	7	41	6	59	...	1	1	14	80	480	26'07	...	
314	2nd Battalion 119th Infantry (the Multan Regiment.)	953	441	28	Admitted Died Invalided	2	...	...	...	11	...	...	...	1	17	16	...	1	...	...	...	10	4	137	9'10	...		
315	120th Rajputana Infantry.	904	650	27	Admitted Died Invalided	384	2	...	...	108	...	...	...	1	5	8	15	...	3	...	1	3	11	51	795	28'79	...	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Companies and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Pioneers	961	645	37	Admitted Died Invalided	...	...	1	...	15	...	1	...	2	5	9	59	11	4	...	...	...	11	29	569	13'27	...	Kirkee, December 1919 from Meerut.
Battalion and Rajputana Infantry.	1,689	444	15	Admitted Died Invalided	8	...	...	...	44	...	...	3	6	6	5	65	6	69	...	1	10	15	31	435	24'35	...	Ahmednagar.
Battalion Ostram's	781	544	16	Admitted Died Invalided	12	...	3	...	80	...	...	...	6	16	16	3	4	...	...	...	...	7	15	444	26'46	...	Mhow.
Battalion Ostram's	1,092	711	24	Admitted Died Invalided	3	3	3	...	85	70	...	1	...	6	72	3	9	...	3	1	17	13	756	25'02	...	Nowshera, Detachment at Agra.	
Battalion Duchess Connaught's Baluchistan Infantry.	1,087	576	5	Admitted Died Invalided	5	1	...	...	108	49	...	2	3	30	34	...	3	...	...	...	...	9	34	555	33'14	...	Lahore.
Battalion Duchess Connaught's Baluchistan Infantry.	(a) 368	371	17	Admitted Died Invalided	...	...	...	...	21	...	...	...	1	7	23	1	...	...	5	...	...	31	151	10'21	...	Multan.	
Battalion Duchess Connaught's Baluchistan Infantry.	1,295	451	27	Admitted Died Invalided	30	1	1	...	87	...	...	5	3	7	18	4	5	...	2	3	21	24	348	20'09	...	Quetta, Detachment at Hyderabad.	
Battalion Napier's	997	599	21	Admitted Died Invalided	...	1	...	...	227	...	...	6	6	10	55	6	19	...	...	...	...	18	21	672	26'86	...	Rajkot.
Battalion Napier's	1,072	468	11	Admitted Died Invalided	...	1	...	...	36	...	...	1	...	0	26	15	60	1	...	...	8	33	333	12'76	...	Poona March 1919, from Anandi.	
Baluchistan Infantry.	652	579	7	Admitted Died Invalided	3	...	...	...	57	1	...	...	3	3	16	1	1	...	...	...	...	12	40	291	24'45	...	Hyderabad, January 1919 from Karachi.
Battalion 127th Queen Mary's Baluchistan Infantry.	(a) 630	642	12	Admitted Died Invalided	...	...	...	...	8	...	...	...	4	2	93	1	1	...	9	...	5	22	310	14'35	...	Multan.	

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

		Actuals.																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.
327	2nd Battalion 127th Queen Mary's Own Baluch Light Infantry.	(a) 579	753	11	Admitted Died Invalided	9 1 1	...	...	23	...	...	...	1	2	7	64	4	20	...	2	8	49	619	25'03	...	...	...
328	1st Battalion 128th Pioneers	579	488	30	Admitted Died Invalided	...	1	...	9	...	...	2	3	6	50	9	2	...	...	4	37	398	10'38	...	...	...	
329	2nd Battalion 128th Pioneers.	921	5,61	7	Admitted Died Invalided	...	...	...	11	...	...	3	1	1	21	2	13	...	...	8	25	295	12'73	...	...	...	
330	1st Battalion 129th Duke of Connaughts Own Baluchis.	642	560	7	Admitted Died Invalided	22 3	...	...	52	...	...	...	...	6	9	7	2	...	...	7	11	188	6'84	...	...	...	
331	2nd Battalion 129th Duke of Connaughts Own Baluchis.	856	533	10	Admitted Died Invalided	36 10	...	...	112	...	...	3	1	6	46	41	7	...	...	2	8	22	543	22'50	...	...	...
332	1st Battalion 130th King Geor- ges Own Baluchis (Jacobs Rifles).	582	551	16	Admitted Died Invalided	...	2	...	71	...	...	1	6	5	8	32	...	...	6	...	11	11	461	32'36	...	...	...
333	2nd Battalion 130th King Geor- ges Own Baluchis (Jacobs Rifles).	(a) 252	279	...	Admitted Died Invalided	12 5	...	...	56	...	...	...	1	2	30	13	5	...	...	1	24	237	13'68	...	...	...	
334	1st Battalion 131st United Provinces Regi- ment.	266	259	1	Admitted Died Invalided	...	...	...	3	...	3	...	1	...	38	15	...	...	...	...	3	21	182	10'91	...	...	...
335	2nd Battalion 131st United Provinces Regi- ment.	330	339	1	Admitted Died Invalided	...	2	...	...	...	...	...	2	6	10	3	2	...	...	1	17	179	7'47	...	...	...	
336	133rd Regiment.	238	238	...	Admitted Died Invalided	9 1	...	...	50	...	2	...	...	2	8	20	...	...	...	1	1	175	3'96	...	...	...	
337	140th Patiala Infantry.	155	152	...	Admitted Died Invalided	8 1	...	...	5	...	...	...	...	2	14	...	...	...	...	...	6	75	4'17	...	...	...	
338	141st Bikaner In- fantry.	584	92	1	Admitted Died Invalided	...	...	...	1	...	...	...	1	...	7	...	...	...	...	1	...	5	73	4'78	...	...	
339	142nd Jodhpur In- fantry.	647	104	...	Admitted Died Invalided	...	1	...	8	...	...	...	...	10	...	...	...	...	1	...	2	37	1'85	...	...	...	
340	143rd Narsing In- fantry.	101	101	...	Admitted Died Invalided	1 1	...	...	3	...	...	...	...	3	3	...	...	...	...	...	6	63	3'34	...	...	...	
341	144th Infantry.	201	201	5	Admitted Died Invalided	...	...	...	2	...	...	...	...	9	4	...	...	...	...	...	1	3	47	1'63	...	...	
342	1st Battalion 150th Indian Infantry.	(a) 234	389	10	Admitted Died Invalided	3 1	1	...	33	...	...	...	...	4	19	3	32	...	...	1	2	12	223	11'25	...	...	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera, Small-pox.	Enteric Fever.	Malaria.	Saboffy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess, Hepatic Congestion and Inflammation.	Scurvy.	Acemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.			
Battalion, th Indian Infantry.	806	268	12	Admitted Died Invalided	2 1			15				1	1	6	12	3	3					4	10	173	13'50	Rawalpi n d i, May 1919 from Chak- lala.		
Battalion, th Indian Infantry.	935	403	9	Admitted Died Invalided	6 4			4					1	6	7								5	103	1'13	Lahore, Octo- ber 1919.		
Battalion, at Sikh Infan-	910	386	16	Admitted Died Invalided		2		119				5	3	10	26	3	10					4	7	27	414	18'22	Manmad, Oc- tober 1919 from Pareilly Chaklala and Burhan.	
Battalion, at Indian In- try.	1,280	939	10	Admitted Died Invalided		1		330	4			2	3	16	47	21	9					17	16	835	30'93	Kohat, Octo- ber 1919 from Thal and Ha- ngu detach- ment at Jullu- ndur.		
Battalion, at Punjabi es.	840	691	16	Admitted Died Invalided	1	2		71				3	2	32	7	18		1				10	17	301	11'59	Poona, May 1919 from Chak lala and Dhond.		
Battalion, and Punjabis.	1,220	460	13	Admitted Died Invalided	3			76	2			5	1	13	41	15	7					1	7	59	447	22'16	Kohat, Septe- mber 1919 from Anandi.	
Battalion, and Punjabis.	895	517	13	Admitted Died Invalided	1		2	30				3	1	17	7	16		1				1	7	36	254	9'19	Poona, June 1919 from Anandi.	
Battalion, and Punjabis.	859	769	13	Admitted Died Invalided	12			16				15	4	4	42	4	11					1	7	10	37	427	18'81	Shahjahanpur, October 1919 from Anandi.
Battalion, and Punjabis.	863	469	3	Admitted Died Invalided	20 2			29				3	1	6	25	6	8					1	1	6	24	290	16'02	Fort Sande- man, Octo- ber 1919 from Anand Detachment at Ahmed- nagar.
Battalion, and Punjabis.	1,033	398	4	Admitted Died Invalided	13 1			74				1	1	6	19	5	7					6	36	373	17'03	Karachi, Octo- ber 1919.		
Battalion, and Rifles.	494	452	18	Admitted Died Invalided	1			18				7	3	1	27	3	14					1	5	2	41	207	16'41	Ahmednagar, June 1919 from Anandi.
Battalion, th Indian In- try.	293	167	3	Admitted Died Invalided				23		1				3	4	2									119	10'10	Dera Ismail Khan and Tank.	
Battalion, th Indian In- try.	1,191	711	26	Admitted Died Invalided	4			91				1	8	3	39	7	24					2	11	14	474	23'80	Poona, August 1919 from Anandi.	
Battalion, th Indian In- try.	239	230	11	Admitted Died Invalided	68 3	1		1						1	5	16	8					2	1	178	14'76	Muttra.		
Indian antry.	559	447	23	Admitted Died Invalided	19 1			58					2	1	18	8	83					1	9	25	406	18'50	Muttra.	
Indian In- try.	400	348	1	Admitted Died Invalided	52 23			26						9	24		19					4	12	276	18'85	Cannanore March 1919 from Karachi		

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial Number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	
359	1st Battalion, 1st King George's Own Gurkha Rifles. (The Malaun Regiment.)	642	475	5	Admitted Died Invalided	...	...	...	...	59	25	...	...	3	1	6	18	7	3	...	...	...	...	8	14	239	14'50	Dh
360	2nd Battalion, 1st King George's Own Gurkha Rifles. (The Malaun Regiment.)	1,003	508	2	Admitted Died Invalided	1	1	...	...	92	18	...	...	...	1	1	13	1	11	...	1	...	9	7	297	12'40	Dh	
361	3rd Battalion, 1st King George's Own Gurkha Rifles. (The Malaun Regiment.)	782	419	9	Admitted Died Invalided	15	...	...	...	123	...	1	...	...	3	1	22	...	8	...	2	...	2	3	256	8'62	Qu	
362	1st Battalion, 2nd King Edward's Own Gurkha Rifles. (The Sirmoor Rifles.)	1,021	644	13	Admitted Died Invalided	...	2	...	...	50	1	...	...	4	3	9	37	4	9	...	...	...	6	26	393	23'07	3 Del	
363	2nd Battalion, 2nd King Edward's Own Gurkha Rifles. (The Sirmoor Rifles.)	1,534	692	27	Admitted Died Invalided	2	1	1	1	350	...	3	...	1	7	12	59	10	10	...	1	...	64	23	874	49'97	1 Del	
364	3rd Battalion, 2nd King Edward's Own Gurkha Rifles. (The Sirmoor Rifles.)	726	489	5	Admitted Died Invalided	115	6	...	...	553	66	1	...	1	2	12	68	3	16	...	...	...	17	2	1,139	3'89	Del	
365	1st Battalion, 3rd Queen Alexandra's Own Gurkha Rifles.	642	580	1	Admitted Died Invalided	39	...	...	...	143	...	...	...	2	6	14	3	1	...	...	...	3	36	387	18'42	Alm		
366	2nd Battalion, 3rd Queen Alexandra's Own Gurkha Rifles.	1,695	1,442	23	Admitted Died Invalided	4	...	...	...	346	3	1	...	1	9	9	66	1	17	...	2	2	4	77	771	46'14	Lan	
367	4th Battalion, 3rd Queen Alexandra's Own Gurkha Rifles.	881	543	...	Admitted Died Invalided	3	...	...	...	45	...	...	...	6	2	32	...	7	...	...	...	...	6	3	215	13'41	Abb	
368	1st Battalion, 4th Gurkha Rifles.	389	325	4	Admitted Died Invalided	11	...	...	...	28	...	...	...	3	1	3	...	1	...	...	...	...	15	47	47	4'93	Que	
369	2nd Battalion, 4th Gurkha Rifles.	780	457	2	Admitted Died Invalided	1	1	1	...	49	...	...	...	...	3	19	...	1	...	...	...	...	5	17	201	13'25	Bak	
370	1st Battalion, 5th Gurkha Rifles (Frontier Force).	1,245	752	20	Admitted Died Invalided	20	2	...	...	164	53	4	...	6	6	6	74	...	7	...	3	...	6	26	591	37'05	Abb	
371	2nd Battalion, 5th Gurkha Rifles (Frontier Force).	1,303	846	7	Admitted Died Invalided	9	...	...	...	147	3	38	...	1	9	7	55	...	13	...	...	...	16	53	677	45'10	Abb	
372	3rd Battalion, 5th Gurkha Rifles (Frontier Force).	1,088	528	7	Admitted Died Invalided	17	...	...	...	226	...	...	...	4	1	12	31	...	15	...	...	...	3	6	430	20'73	Mar	

INDIAN ARMY  
TABLE XXIV  
STATISTICS OF DISEASES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.		Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Battalion, Gurkha	742	595	3	Admitted Died Invalided	5 1 ...	...	...	...	46	...	4	1	1	6	20	1	3	...	...	...	...	5	10	374	17'11	...	Abbottabad.	
Battalion, Gurkha	688	555	1	Admitted Died Invalided	7 3 ...	...	...	...	28	...	2	2	1	3	62	...	3	...	...	...	...	4	6	235	18'80	...	Abbottabad.	
Battalion, Gurkha	935	369	5	Admitted Died Invalided	4 1 1	...	...	...	75	2	...	...	1	3	7	17	2	22	...	...	...	3	3	312	13'31	...	Kakul from Bannu.	
Battalion, Gurkha	872	405	5	Admitted Died Invalided	3 ...	...	...	...	130	...	2	1	6	46	1	7	1	...	...	...	1	17	16	381	26'01	...	Bakloh, Detachment at Ghoom.	
Battalion, Gurkha	1,340	800	24	Admitted Died Invalided	...	1	...	1	273	2	54	...	4	9	17	89	6	13	...	...	...	31	32	818	41'30	...	Dehli, November 1919, from Dehra Dun, Detachment at Ghoom.	
Battalion, Gurkha	830	461	7	Admitted Died Invalided	17 2 ...	5	2	...	135	...	1	1	1	22	5	14	...	1	...	...	4	13	123	15'99	3	Chyman, September 1919 from Quetta, Detachment at Ghoom.		
Battalion, Gurkha	(n) 339	461	4	Admitted Died Invalided	...	...	...	2	99	...	3	2	8	40	1	7	1	...	...	...	17	46	430	21'69	...	Shillong July 1919 from Sitapur.		
Battalion, Gurkha	434	379	6	Admitted Died Invalided	4 ...	...	...	1	215	1	...	...	5	3	45	...	5	...	...	...	3	14	420	21'02	...	Lansdowne, Detachments at Alimasjid and Landikotal.		
Battalion, Gurkha	1,245	671	6	Admitted Died Invalided	94 96	7 ...	...	...	677	56	...	1	2	5	88	8	4	...	1	...	23	11	1,375	25'06	...	Hangu and Fort Lockhart Detachment at Fort Cavagnary.		
Battalion, Gurkha	1,032	475	12	Admitted Died Invalided	55 2	2 ...	...	...	386	202	...	5	3	3	52	3	18	...	...	...	20	11	922	34'55	...	Peshawar, April 1919, from Dehra Dun.		

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

INDIAN TROOPS, 1919.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
Serial Number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scarcity.	Anæmia and Debility.	General Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.				
383	2nd Battalion, Gurkha Rifles.	919	847	19	Admitted Died Invalided	...	...	...	...	113	1	...	...	4	5	11	72	8	5	1	...	...	12	57	530	30	53	2	Debr		
384	3dr Battalion, Gurkha Rifles.	953	531	18	Admitted Died Invalided	3	...	...	...	170	21	12	...	3	1	14	52	5	10	...	...	...	7	10	557	7	23	97	...	Debra	
385	1st Battalion, Gurkha Rifles.	2,303	630	1	Admitted Died Invalided	55	8	...	...	225	...	2	1	3	2	4	67	2	24	...	1	...	10	36	746	14	30	11	...	Bhan	
386	2nd Battalion, Gurkha Rifles.	1,229	413	12	Admitted Died Invalided	3	2	1	...	63	...	...	...	16	3	3	18	1	1	6	...	...	...	1	11	206	6	7	41	...	Quest
387	1st Battalion, Gurkha Rifles.	1,003	539	2	Admitted Died Invalided	9	...	...	...	130	38	...	...	1	3	7	46	5	15	...	...	...	7	11	446	5	18	66	...	Now	
388	2nd Battalion, Gurkha Rifles.	1,022	498	14	Admitted Died Invalided	11	2	...	...	213	85	4	...	1	5	9	65	3	24	...	...	...	10	18	674	5	28	90	...	Now	
389	3rd Battalion, Gurkha Rifles.	867	422	11	Admitted Died Invalided	17	3	...	...	75	1	...	...	3	4	8	46	5	7	...	1	...	6	23	333	5	22	65	...	Abbot	
390	4th Battalion, Gurkha Rifles.	936	583	11	Admitted Died Invalided	54	1	...	...	207	...	3	...	2	2	5	23	...	34	...	...	...	2	58	538	7	20	23	...	Shahj	
391	Resident's (Nepal)	80	49	...	Admitted Died Invalided	...	1	...	...	29	...	...	...	...	...	...	1	8	...	1	...	...	1	...	53	1	53	...	Kath		
392	Burma, Mounted Rifles.	214	79	3	Admitted Died Invalided	...	...	...	...	15	16	...	...	...	3	2	17	...	...	1	1	...	2	6	76	4	3	71	...	Foot	
393	Indian Garrison Companies.	1,161	903	10	Admitted Died Invalided	2	2	...	...	156	1	...	...	...	1	6	63	5	24	...	2	1	10	38	790	14	35	66	...	Camp	

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Euteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
ana Transport Corps.	39	34	...	Admitted Died Invalided	2 1 ...	1 ...	...	...	5 ...	...	...	...	...	...	...	3 ...	...	1 ...	...	...	...	...	...	15 1	0'49	...	Fort Lockhart Detachment at Hangu.
Mule Corps .	268	252	6	Admitted Died Invalided	1 ...	...	...	...	19 ...	...	...	...	...	...	1 ...	3 ...	4 ...	3 ...	...	...	...	...	11	108 1	8'15	...	Quetta.
Mule Corps .	96	93	...	Admitted Died Invalided	12 1 ...	...	...	...	48 ...	2 ...	...	...	...	...	1 ...	12 ...	1 ...	...	...	...	...	2 ...	106 1	1'66	...	Thal, Parachiner and Kacha Garhi.	
Mule Corps .	437	344	28	Admitted Died Invalided	32 2 ...	...	...	...	168 1 3	...	...	...	...	...	22 6 1	44 1 1	1 ...	17 ...	2 ...	...	...	26 1	14	454 13 11	25'50	...	Mandaly, Maymyo, Meiktila and Shwebo.
Mule Corps .	446	337	4	Admitted Died Invalided	...	1 ...	...	...	21 ...	6 ...	...	1 ...	1 ...	1 ...	3 1	15 2	1 ...	4 ...	...	...	...	3 2	151 4	8'50	...	Nowshera.	
Mule Corps .	541	314	7	Admitted Died Invalided	1 ...	...	...	...	70 ...	2 ...	...	...	...	1 ...	12 3	25 2	7 ...	4 ...	...	...	...	4 7	206 5	11'25	...	Kohat Detachment Thal.	
Mule Corps .	499	263	9	Admitted Died Invalided	29 8 1	2 ...	...	...	72 ...	13 ...	...	...	...	2 ...	17 2 4	21 ...	1 ...	1 ...	...	1 ...	...	3 ...	17	292 14 7	15'78	...	Peshawar.
Mule Corps .	426	251	7	Admitted Died Invalided	39 10 ...	1 ...	...	...	58 1	6 ...	...	...	...	3 1	6 1	21 1	1 ...	6 ...	...	...	...	3 ...	2 ...	223 14 3	12'30	...	Peshawar.
Mule Corps .	361	98	...	Admitted Died Invalided	1 ...	...	...	...	2 ...	...	...	...	...	...	1 ...	12 ...	1 ...	...	...	1 ...	...	...	5 1 1	50 1 1	2'66	...	Abbottabad from Burhan.
Mule Corps .	553	324	15	Admitted Died Invalided	1 ...	...	...	...	79 ...	1 ...	...	...	...	...	19 2	31 2	13 ...	8 ...	...	...	...	3 ...	7	234 4 6	10'13	...	Risalpur, Detachments at Nowshera and Dargai.
Mule Corps .	373	141	3	Admitted Died Invalided	13 ...	...	...	...	27 1	4 ...	...	...	...	...	13 ...	...	1 ...	...	1 ...	...	...	4 ...	10 1 1	127 1 1	4'63	...	Abbottabad, Detachment at Kacha Garhi.
Mule Corps .	241	81	1	Admitted Died Invalided	...	...	...	...	4 ...	1 ...	...	...	...	4 1	...	1 ...	1 ...	2 ...	...	...	...	1 ...	35 1	1'82	...	Bannu.	
Mule Corps .	151	151	...	Admitted Died Invalided	6 ...	1 ...	...	...	14 ...	...	...	...	...	...	6 ...	...	...	...	...	...	...	1 ...	17 3	89 1 6	5'92	...	Jhansi.
Mule Corps .	168	168	...	Admitted Died Invalided	8 1 ...	...	...	...	86 ...	...	1 ...	...	...	1 ...	16 ...	...	3 ...	...	...	...	...	18 ...	3	252 1	0'23	...	Ali Masjid.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sundfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent. Invalided on account of old age.	
408	54th Mule Corps .	136	119	4	Admitted Died Invalided	15 2 2	...	...	2	13	...	...	...	...	...	4	12	...	...	...	...	...	...	...	...	70	2'13	...
409	58th Mule Corps .	(a) 55	74	...	Admitted Died Invalided	16 2 ...	...	...	...	18	...	...	...	...	...	...	6	...	...	...	...	...	3	...	58	0'61	...	
410	60th Mule Corps .	286	40	...	Admitted Died Invalided	44 17 ...	...	...	...	14	...	...	...	...	...	...	2	...	...	...	...	...	...	...	64	2'33	...	
411	61st Mule Corps .	383	246	1	Admitted Died Invalided	7 1 ...	1	...	...	21	9	...	...	...	...	3	16	7	...	...	...	1	9	...	128	3'39	...	
412	65th Mule Corps	317	317	8	Admitted Died Invalided	6 ... ...	...	...	...	8	...	...	...	...	1	...	7	...	2	...	2	11	21	...	155	9'27	...	
413	67th Mule Corps .	56	56	...	Admitted Died Invalided	3 ... ...	...	...	...	7	1	...	...	...	...	3	13	12	6	...	...	...	6	4	77	1'26	...	
414	68th Mule Corps	243	188	4	Admitted Died Invalided	46 14 ...	...	...	...	13	...	...	...	...	1	...	11	7	4	...	1	...	4	29	184	11'53	...	
415	69th Mule Corps .	(a) 453	469	24	Admitted Died Invalided	...	...	...	...	82	13	...	1	1	6	51	12	18	...	1	...	11	81	...	554	29'30	...	
416	54th Draught Pony Corps.	390	25	...	Admitted Died Invalided	1 1 ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	10	1'87	...	
417	55th Pack Pony Corps.	341	304	12	Admitted Died Invalided	43 6 1	2	1	...	35	...	...	...	...	1	1	6	7	3	4	...	1	4	31	213	10'21	...	
418	56th Draught Pony Corps.	212	196	2	Admitted Died Invalided	5 2 ...	...	...	...	20	...	...	...	...	2	4	27	1	1	...	...	...	6	4	125	4'07	...	
419	57th Draught Pony Corps.	620	330	15	Admitted Died Invalided	5 ... ...	...	...	...	53	1	...	...	...	1	17	50	1	10	...	...	...	5	8	307	26'80	...	
420	58th Draught Pony Corps.	25	25	1	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	8	0'48	...	
421	59th Pony Corps.	358	63	4	Admitted Died Invalided	...	...	...	...	24	10	...	...	...	2	1	2	18	...	...	...	...	6	10	160	5'34	...	
422	63rd Pony Corps .	204	48	...	Admitted Died Invalided	25 12 ...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	1'26	...	
423	60th Pony Corps .	301	112	1	Admitted Died Invalided	...	...	...	...	8	6	...	...	...	...	1	1	9	3	...	...	...	1	25	131	6'59	...	
424	71st Pack Mule Corps.	96	96	6	Admitted Died Invalided	16 1 ...	1	...	...	5	2	...	...	...	...	3	8	...	...	...	...	...	5	15	137	5'89	...	

(a) The decreased in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Units	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scorvy.	Anaemia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.		
ack Mule	50	90	10	Admitted Died Invalided	19 5 ...	1 ... ...	...	12 ... ...	...	...	...	...	...	1 5 6	...	...	...	...	...	...	...	...	12	133 6 10	5'08	...	Lahore.		
D. Pony	405	347	7	Admitted Died Invalided	...	1 ... ...	...	34 ... ...	...	...	...	1	1	6 20	1 1	...	...	...	...	...	...	7	9	157	5	10'43	...	Jullunder.	
Camel	28	2	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nowshera.	
Camel	28	5	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nowshera.	
Camel Corps	(a) 39	110	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	0'01	...	Sargodha.	
Camel	235	19	...	Admitted Died Invalided	1 ... ...	...	...	2 ... ...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	6	0'25	...	Loralai.	
Camel Corps	185	14	...	Admitted Died Invalided	4 ... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	0'51	...	Loralai.	
Government Corps	90	7	...	Admitted Died Invalided	8 ... ...	...	...	3 ... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	1	6-30	...	Loralai.	
1. Mule	(a) 2,002	2,008	91	Admitted Died Invalided	18 4 ...	3 2 2	4 ... ...	150 ... ...	3 ... ...	...	...	11	16	51	187	8	78	4	...	...	...	49	172	1,685	40 14	153'26	...	Sialkot.	
2. Mule	1,953	1,790	56	Admitted Died Invalided	41 2 4	1 ... ...	11 ... ...	168 ... ...	4 ... ...	...	...	8	11	49	90	7	11	1	2	...	...	64	275	1,442	1 25 209	103'57	43	Amritsar.	
3. Mule	2,449	2,228	62	Admitted Died Invalided	1 1 ...	1 ... ...	11 ... ...	82 ... ...	...	...	...	6	11	40	326	71	14	...	...	...	...	32	413	2,384	26 187	133'37	...	Meerut.	
4. Mule	(a) 443	680	4	Admitted Died Invalided	24 2 ...	... ... ...	2 ... ...	79 ... ...	...	...	...	1	5	7	34	40	10	...	...	...	...	8	46	580	12 30	36'71	...	Karachi.	
and Trans- metals.	4,762	4,914	91	Admitted Died Invalided	116 18 ...	5 ... ...	3 ... ...	467 ... ...	35 ... ...	...	2	12	16	31	195	83	17	...	...	...	3	54	373	3,391	55 116	190'18	...	Muttra, Meerut, Neemuch, Sehore, etc. etc.	
Corps	(a) 11,558	13,747	447	Admitted Died Invalided	610 103 ...	11 3 1	23 ... ...	4,334 ... ...	436 ... ...	132 ... ...	2 ... ...	82	99	259	886	290	522	1	10	7	...	335	1,674	15,570	333 216	1,047'90	...	...	
on the of March.	...	495	...	Admitted Died Invalided	2 ... ...	2 ... ...	...	43 ... ...	...	4 ... ...	1 ... ...	...	6	6	2	8	...	...	...	...	...	6	9	191	...	2'43	...	...	
PRIMARY																													
in Army.	184,029	129,713	3,716	Admitted Died Invalided	3,761 267 29	80 47 ...	22 15 ...	53 5 1	3,334 70 145	3,038 ... ...	302 9 98	14 24 ...	503 116 ...	528 438 ...	2,095 199 23	3,324 10 180	1,137 14 7	2,035 2 3	14 1 ...	138 5 2	31 3 2	2,624 7 133	7,213 3 549	102,115 1,532 2,267	...	5-323	30 221	...	
in Army	132,629	97,770	3,613	Admitted Died Invalided	5,688 337 13	53 30 ...	202 21 ...	43 7 1	10028 53 151	43 ... ...	215 11 143	17 31 168	476 160 ...	351 223 ...	918 102 204	4,735 25 74	1,345 2 5	2,675 3 ...	6 3 ...	97 3 ...	110 2 ...	1,831 6 467	7,661 6 ...	73,287 1,109 2,694	...	3,824	20 21	...	
India not dian Com-	2,097	1,753	9	Admitted Died Invalided	114 1 ...	1 ... ...	...	54 ... ...	...	18 ... ...	9 ... ...	10 3 ...	9 ... ...	73 ... ...	20 ... ...	15 ... ...	...	...	...	...	...	1 ... ...	43 ... ...	75 ... ...	750 ... ...	...	42	...	...
March	(b) ...	495	...	Admitted Died Invalided	2 ... ...	2 ... ...	...	43 ... ...	...	4 ... ...	1 ... ...	...	6 ... ...	6 ... ...	2 ... ...	8 ... ...	...	...	...	...	...	...	...	...	...	...	2	...	...
India	319,655	229,731	6,269	Admitted Died Invalided	7,998 605 41	134 77 ...	592 36 ...	101 14 2	33459 123 290	1,681 ... ...	539 20 ...	31 55 244	989 249 369	919 661 35	2,428 301 388	1,398 42 ...	2,404 3 ...	4,736 3 ...	20 5 ...	236 8 ...	141 2 ...	6,504 456 ...	14958 1,020 4,999	176,313 3,742 4,999	...	9,101	50 243	...	

decrease in the enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements or on leave at the end of the year.  
enrolled strength is included in the figures shown against various units.

INDIAN TROOPS, 1919.

TABLE XXIVA.

Race composition, and location of detachments.

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Panjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	TOTAL
1	Governor-General's Body Guard, at Dehra Dun . . . . .	...	65	...	...	...	...	65	..	53	...	9	62	...	...	...	11
2	Governor's Body Guard, Bengal, at Alipore . . . . .	32	...	...	...	...	...	32	...	35	...	...	35	...	...	...	6
3	Ditto ditto Bombay . . . . .	...	32	...	...	...	2	34	...	35	...	1	36	...	...	...	7
4	Ditto ditto Madras . . . . .	9	...	...	...	...	5	14	...	...	...	49	49	...	...	...	6
5	1st Duke of York's Own Lancers (Skinner's Horse), Delhi . . . . .	5	...	...	...	...	6	11	...	102	...	771	873	1	...	...	8
6	Depôt 2nd Lancers (Gardner's Horse), Alahabad . . . . .	75	194	...	...	...	172	351	...	...	...	133	133	...	...	...	4
7	3rd Skinner's Horse, Sibi . . . . .	195	201	2	...	...	192	590	...	4	...	208	212	...	...	...	8
8	4th Cavalry, Jamrud . . . . .	...	200	...	...	...	179	379	...	...	...	357	357	...	...	...	7
9	5th Cavalry, Lucknow . . . . .	135	...	...	...	...	133	268	...	...	...	245	245	...	...	...	5
10	6th King Edward's Own Cavalry, Sialkot . . . . .	...	165	...	...	...	103	268	...	24	...	85	109	...	...	...	5
11	7th Harriana Lancers, Secunderabad . . . . .	72	173	147	...	168	21	581	...	...	217	27	244	...	...	...	8
12	8th Cavalry, Secunderabad, with 25 men detached at Deolali . . . . .	231	7	...	...	...	262	500	...	114	296	53	463	...	...	...	9
13	9th Hodson's Horse, Ambala . . . . .	...	155	41	...	...	8	204	...	149	52	1	202	...	...	...	4
14	10th Duke of Cambridge's Own Lancers (Hodson's Horse), Multan . . . . .	...	138	91	...	...	...	229	...	91	45	10	146	...	...	...	3
15	11th King Edward's Own Lancers (Probyn's Horse), Jullundur . . . . .	...	257	152	...	...	...	409	...	120	50	...	170	...	...	...	5
16	12th Cavalry, Meerut . . . . .	...	446	286	...	...	...	732	...	220	...	...	220	...	...	...	9
17	13th Duke of Connaught's Lancers (Watson's Horse), Kohat, with 19 men detached at Thal . . . . .	...	189	193	...	...	13	395	...	373	2	11	386	...	...	...	7
18	14th Murray's Jat Lancers, Sialkot . . . . .	...	1	...	...	...	817	818	...	1	...	22	23	...	...	...	8
19	15th Lancers (Cureton's Multanis), Bareilly . . . . .	...	...	...	...	...	459	459	...	305	...	2	310	...	...	...	7
20	16th Cavalry, Risalpur . . . . .	...	403	252	...	...	246	901	...	5	...	...	5	...	...	...	9
21	17th Cavalry, Lahore . . . . .	...	2	...	...	...	8	10	...	540	294	9	843	...	...	...	8
22	18th King George's Own Lancers, Sialkot . . . . .	...	59	...	...	...	14	73	...	278	...	9	287	...	...	...	3
23	19th Lancers (Fane's Horse), Delhi . . . . .	...	125	71	4	...	...	200	...	131	168	4	243	...	...	...	4
24	20th Deccan Horse, Neemuch . . . . .	69	88	...	...	...	108	265	...	...	...	151	151	1	...	...	4
25	Depôt 21st Prince Albert Victor's Own Cavalry (Frontier Force), Daly's Horse, Rawalpindi . . . . .	...	88	36	...	...	...	124	...	9	77	66	152	...	...	...	2
26	22nd Sam Browne's Cavalry (Frontier Force), Jhelum . . . . .	91	111	...	...	...	...	202	...	80	58	54	192	...	...	...	3
27	23rd Cavalry (Frontier Force), Meerut . . . . .	...	330	117	...	...	...	447	...	128	121	242	491	...	...	...	9
28	25th Cavalry (Frontier Force), Loralai . . . . .	...	168	168	...	...	...	336	25	168	84	84	361	...	...	...	6
29	26th King George's Own Light Cavalry, Jhansi . . . . .	259	...	...	...	...	435	694	...	245	...	...	245	16	...	...	9
30	Depôt 27th Light Cavalry, Jhansi . . . . .	50	...	...	...	...	227	277	...	74	...	68	142	7	...	...	4
31	Depôt 28th Light Cavalry, Lucknow . . . . .	94	...	...	...	...	86	180	...	96	...	127	223	4	...	...	4

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogra or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabis Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Bermans.	Jews.	TOTAL.*
th Lancers (Deccan Horse), with 72 men detached at Deolali, Mahmud . . . . .	14	37	...	...	...	243	394	...	...	...	122	122	...	...	...	416
th Lancers (Gordon's Horse), Bangalore . . . . .	...	315	...	...	...	68	383	...	...	28	112	140	1	...	...	524
st Duke of Connaught's Own Lancers, Bareilly . . . . .	...	120	...	...	...	206	326	...	20	102	35	157	...	...	...	483
nd Lancers, Nasirabad . . . . .	127	128	...	...	...	...	255	...	...	...	256	256	...	...	...	511
rd Queen Victoria's Own Light Cavalry, Risalpur . . . . .	...	164	...	...	...	179	343	...	1	...	338	339	3	...	...	675
nd 34th Prince Albert Victor's Own Poona Horse, Bangalore . . . . .	124	6	...	...	...	6	136	...	61	...	85	146	...	...	...	282
th Scinde Horse, Jubbulpore . . . . .	...	228	...	...	...	7	235	...	385	210	9	604	...	...	...	839
th Jacob's Horse, Jubbulpore . . . . .	...	137	...	...	...	2	139	...	278	42	68	388	1	...	...	528
th Lancers, Ambala . . . . .	...	138	...	...	...	4	142	...	259	118	54	431	...	...	...	573
nd 38th King George's Own Central India Horse, Agar . . . . .	...	120	...	...	...	4	124	...	69	53	52	174	1	...	...	299
th King George's Own Central India Horse, Poona . . . . .	...	401	...	...	...	24	425	...	211	...	204	415	...	...	...	840
th Cavalry Regiment, Sibi . . . . .	184	77	87	...	...	103	451	...	48	...	173	221	...	...	...	672
st Cavalry Regiment, Sibi . . . . .	5	75	...	...	...	41	121	...	229	7	96	332	...	...	...	453
nd Cavalry Regiment, Sibi . . . . .	...	216	44	...	...	...	260	...	...	93	181	274	...	...	...	534
Queen Victoria's Own Corps of Guides (Frontier Force), (Lumsden's Cavalry and Infantry), Mardan and Jullundur . . . . .	...	198	124	137	...	74	533	...	235	255	...	490	...	...	...	1,023
nd Battalion, Queen Victoria's Own Corps of Guides (Frontier Force), (Lumsden's Cavalry and Infantry), Risalpur . . . . .	63	60	61	195	...	10	389	...	175	171	...	346	...	...	...	735
nd Battalion, Queen Victoria's Own Corps of Guides (Frontier Force), (Lumsden's Cavalry and Infantry), Mardan . . . . .	...	61	51	200	...	49	362	...	202	141	...	343	...	...	...	705
st Kohat Mountain Battery (Frontier Force), Abbottabad . . . . .	...	106	...	...	...	101	207	...	140	...	5	145	...	...	...	352
nd Derajat Mountain Battery (Frontier Force), Nowshera . . . . .	...	141	3	...	...	3	147	...	187	...	4	191	...	...	...	338
rd Peshawar Mountain Battery (Frontier Force), Thal and Drosh . . . . .	20	45	12	...	...	148	225	...	29	...	146	175	...	...	...	400
th Hazara Mountain Battery (Frontier Force), Rawalpindi . . . . .	78	116	3	...	...	33	230	...	109	...	77	186	...	...	...	416
th Mountain Battery, Rawalpindi . . . . .	3	103	20	...	...	10	136	...	206	...	...	206	...	...	...	342
th Mountain Battery, Thal and Kohat . . . . .	...	91	42	...	...	11	144	...	148	...	34	182	...	...	...	326
th Mountain Battery, Abbottabad . . . . .	...	189	...	...	...	167	356	...	211	...	...	211	...	...	...	567
ountain Battery, Bannu and Dardoni . . . . .	...	96	12	...	...	80	188	...	250	...	56	306	...	...	...	494
th Mountain Battery, Rawalpindi . . . . .	34	96	16	...	...	9	155	...	181	...	3	184	1	...	...	340
th Mountain Battery, Quetta . . . . .	...	45	...	...	...	...	45	...	90	...	...	90	...	...	...	135

\* This total should agree with the total number borne on the roll of the regiment.

# INDIAN TROOPS, 1919.

## TABLE XXIVA—*contd.*

*Race composition, and location of detachments.*

Serial number.	Corps and its detachments.	Race composition.													Total.	
		Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Garhwals.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Mussalmans.	Trans-Indus Pathans.	Other Mussalmans.	TOTAL MUSALMANS.	Native Christians.		Burmans.	Jews.
59	40th Mountain Battery, Dehra Dun . . . . .	14	23	...	...	...	...	37	...	32	...	...	32	...	...	...
60	41st Mountain Battery, Abbottabad . . . . .	...	78	...	...	...	67	145	...	125	...	...	125	...	...	...
61	42nd Mountain Battery, Ambala . . . . .	...	22	4	...	2	14	42	...	58	4	20	82	...	...	...
62	43rd Mountain Battery, Dehra Dun . . . . .	7	153	9	...	...	45	214	...	224	3	63	290	...	...	...
63	44th Mountain Battery, Dehra Dun . . . . .	1	18	...	...	1	25	45	...	84	...	3	87	...	...	...
64	45th Mountain Battery, Dinapore . . . . .	...	69	...	...	...	30	99	...	50	...	...	50	...	...	...
65	Indian Mountain Artillery Depôts at Ambala and Dehra Dun . . . . .	147	263	116	...	...	99	625	...	179	...	231	410	...	...	...
66	The Frontier Garrison Artillery, Kohat . . . . .	...	29	13	...	...	18	60	...	68	1	...	69	...	...	...
67	"M" Battery, Royal Horse Artillery, Risalpur . . . . .	...	...	...	...	...	...	...	...	20	...	...	20	...	...	...
68	"Q" Battery, Royal Horse Artillery, Risalpur . . . . .	...	4	...	...	...	123	127	...	36	...	36	72	...	...	...
69	"X" Battery, Royal Horse Artillery, Meerut . . . . .	...	...	...	...	...	10	10	...	17	...	6	23	...	...	...
70	"A" Ammunition Column, Royal Horse Artillery, Risalpur . . . . .	...	...	...	...	...	11	11	...	23	1	21	45	...	...	...
71	"B" Ammunition Column, Royal Horse Artillery, Meerut . . . . .	...	8	...	...	...	22	30	...	21	...	7	28	...	...	...
72	1089th Battery, Royal Field Artillery, Jubbulpore . . . . .	...	...	...	...	...	19	19	...	...	...	...	...	...	...	...
73	1097th Battery, Royal Field Artillery, Mhow . . . . .	4	...	...	...	...	36	40	...	4	...	1	5	...	...	...
74	1098th Battery, Royal Field Artillery, Kirkee . . . . .	...	...	...	...	...	7	7	...	2	...	5	7	...	...	...
75	1103rd Battery, Royal Field Artillery, Secunderabad . . . . .	6	1	...	...	1	52	60	...	3	1	8	12	...	...	...
76	1104th Battery, Royal Field Artillery, Meerut . . . . .	...	...	...	...	...	17	17	...	2	...	...	2	...	...	...
77	1107th Battery, Royal Field Artillery, Quetta and Hyderabad . . . . .	...	...	...	...	...	48	48	...	...	...	45	45	...	...	...
78	16th Brigade, Royal Field Artillery, Kacha Garhi . . . . .	...	2	...	...	...	...	2	...	3	...	...	3	...	...	...
79	4th Battery, Royal Field Artillery, Nowshera . . . . .	...	...	...	...	...	...	...	...	16	...	4	20	...	...	...
80	35th Battery, Royal Field Artillery, Karachi . . . . .	...	...	...	...	...	6	6	...	...	...	2	2	...	...	...
81	37th Battery, Royal Field Artillery, Nowshera . . . . .	2	...	...	...	...	20	22	...	...	...	23	23	...	...	...
82	38th Battery, Royal Field Artillery, Nowshera . . . . .	1	...	...	...	...	7	8	...	4	...	2	6	...	...	...
83	74th Battery, Royal Field Artillery, Ali Masjid . . . . .	...	3	...	...	...	10	13	...	3	...	2	5	...	...	...
84	89th Battery, Royal Field Artillery, Kacha Garhi . . . . .	...	1	...	...	...	1	2	...	3	...	1	4	...	...	...
85	90th Battery, Royal Field Artillery, Kacha Garhi . . . . .	...	4	...	...	...	12	16	...	3	...	1	4	...	...	...
86	101st Battery, Royal Field Artillery, Hyderabad . . . . .	...	...	...	...	...	9	9	...	...	...	8	8	...	...	...
87	102nd Battery, Royal Field Artillery, Quetta . . . . .	...	2	2	...	...	39	43	...	17	2	7	25	...	...	...
88	120th Battery, Royal Field Artillery, Nowshera . . . . .	...	...	...	...	...	5	5	...	...	...	20	20	...	...	...
89	No. 1 Ammunition Column, Royal Field Artillery, Nowshera . . . . .	5	31	...	...	...	48	84	...	54	...	66	120	...	...	...
90	No. 2 Ammunition Column, Royal Field Artillery, Kacha Garhi and Rawalpindi . . . . .	...	18	93	...	...	...	111	...	92	39	...	131	...	...	...
91	No. 4 Ammunition Column, Royal Field Artillery, Hyderabad . . . . .	...	...	...	...	...	63	63	...	...	...	70	70	...	...	...

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogra or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabis Musalmans.	Trans-Indus Pathans	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	TOTAL.*
No. 12 Ammunition Column, Royal Field Artillery, Amritsar . . . . .	....	41	...	...	...	54	95	...	102	...	...	102	...	...	...	197
No. 1 Special Battery, Royal Field Artillery, Allahabad . . . . .	...	...	...	...	...	7	7	...	...	...	4	4	...	...	...	11
No. 2 Special Battery, Royal Field Artillery, Dinapore . . . . .	...	...	...	...	...	146	146	...	...	...	80	80	...	...	...	226
No. 3 Special Battery, Royal Field Artillery, Meerut . . . . .	...	...	...	...	...	31	31	...	...	...	7	7	...	...	...	38
No. 1 Mountain Battery, Royal Garrison Artillery, Jutogh and Quetta . . . . .	...	160	...	...	...	10	170	...	150	...	...	150	...	...	...	320
No. 2 Mountain Battery, Royal Garrison Artillery, Rawalpindi and Kacha Garhi . . . . .	2	16	1	...	...	1	20	...	5	...	20	25	...	...	...	45
No. 4 Mountain Battery, Royal Garrison Artillery, Rawalpindi and Ali Masjid . . . . .	...	13	7	...	...	16	36	...	56	...	9	65	...	...	...	104
No. 5 Mountain Battery, Royal Garrison Artillery, Jutogh . . . . .	...	...	...	...	...	54	54	...	28	...	48	76	...	...	...	130
No. 6 Mountain Battery, Royal Garrison Artillery, Peshawar . . . . .	...	76	8	...	...	43	127	...	97	...	23	130	...	...	...	257
No. 7 Mountain Battery, Royal Garrison Artillery, Jutogh . . . . .	...	...	...	...	...	2	2	...	4	...	...	4	...	...	...	6
No. 8 Mountain Battery, Royal Garrison Artillery, Peshawar . . . . .	...	82	17	...	...	27	126	...	161	...	...	161	...	...	...	287
No. 9 Mountain Battery, Royal Garrison Artillery, Quetta . . . . .	...	76	...	...	...	40	116	...	112	...	...	112	...	...	...	228
22nd Battery, Royal Garrison Artillery, Roorkee . . . . .	2	3	...	...	...	6	11	...	...	...	6	6	...	...	...	17
6th Heavy Battery, Royal Garrison Artillery, Roorkee . . . . .	1	5	...	...	9	46	61	...	16	...	28	44	...	...	...	105
68th Heavy Battery, Royal Garrison Artillery, Roorkee and Cawnpore . . . . .	3	...	...	...	...	52	55	...	...	...	37	37	...	...	...	92
Royal Garrison Artillery, Coast Defence, Bombay, Karachi and Rangoon . . . . .	1	4	62	...	...	132	199	...	111	2	24	137	2	...	...	338
Royal Artillery Depôts at Ambala, Roorkee, Jubbulpore, Ahmednagar, Secunderabad, Lucknow and Kirkee . . . . .	505	270	138	23	25	6,019	6,990	15	797	46	1,154	2,012	62	...	...	9,064
Machinist Gun Companies at Lahore, Raisalpur and Mhow, etc. . . . .	2	100	15	...	...	734	851	...	452	17	425	964	...	4	...	1,819
1st King George's Own Sappers and Miners, Nowshera, Raisalpur, Lahore, Roorkee, Mandalay, Dardoni and Thal . . . . .	283	324	5	1	341	374	1,128	...	592	620	623	1,835	3	679	...	3,845
2nd Queen Victoria's Own Sappers and Miners, Bangalore, Ali Masjid, Kohat, Sibi, Jubbulpore and Mandalay . . . . .	...	1	...	...	...	2,279	2,270	...	10	...	271	281	317	615	...	3,493
3rd Sappers and Miners, Kirkee, Sibi and Quetta . . . . .	14	273	1	...	...	1,068	1,356	...	305	...	372	677	...	...	...	2,633
Railway Battalion, Sappers and Miners, Sialkot and Ali Masjid . . . . .	12	24	...	...	...	18	54	4	306	...	38	348	8	...	...	410
Mechanical Transport Company, Sappers and Miners, Rawalpindi . . . . .	15	86	71	1	1	27	201	...	85	41	22	151	21	3,100	3	3,476
Engineering Motor Training School, Rawalpindi, Karachi, Dobra Dun and Meerut . . . . .	92	204	32	197	97	835	1,457	...	642	78	420	1,140	89	202	...	2,888
Indian Technical Air Craft, Lahore . . . . .	...	...	...	...	...	31	31	...	...	...	57	57	...	...	...	88
8th United Provinces Works Battalion, Cherat . . . . .	...	21	...	...	738	...	759	...	32	...	...	32	...	...	...	791
9th Works Battalion, Thal . . . . .	...	...	...	...	...	11	11	...	...	...	3	3	...	...	...	14

\* This total should agree with the total number borne on the roll of the regiment.

# INDIAN TROOPS, 1919.

## TABLE XXIVA—*contd.*

*Race composition, and location of detachments.*

Serial number.	Corps and its detachments.	Race composition.										Location of detachments.			
		Rajputs.	Sikhs.	Dogra and other Hill Hindus.	Gurkhas.	Ghazwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabis Mussalman.	Trans-Indus Pathans.	Other Mussalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.
119	Wireless Signal Squadron, Rawalpindi . . . . .	1	11	56	...	...	68	...	122	...	4	126	...	...	...
120	33rd Divisional Signal Company, Quetta Kowloon . . . . .	...	6	...	...	...	85	91	...	2	27	29	...	...	...
121	34th Divisional Signal Company, Secunderabad . . . . .	11	8	15	3	...	132	169	...	29	25	54	11	...	...
122	39th Divisional Signal Company, Kacha Garhi and Dardoni . . . . .	3	8	11	7	2	30	61	...	9	...	9	2	...	...
123	40th Divisional Signal Company, Lahore . . . . .	...	11	...	...	...	23	34	...	27	...	28	...	...	...
124	44th Divisional Signal Company, Kohat . . . . .	11	9	75	5	...	111	111	...	24	26	57	5	...	...
125	47th Divisional Signal Company, Jubbulpore . . . . .	1	4	...	...	...	6	11	...	7	...	9	...	...	...
126	1st Cavalry Brigade Signal Troop, Risalpur . . . . .	...	3	...	...	...	5	8	...	5	...	12	...	...	...
127	Brigade Signal Section, Kohat . . . . .	...	...	...	...	...	4	4	...	28	...	28	3	...	...
128	Dépot Signal Mints, Poona, Khandala, Abbottabad and Rawalpindi . . . . .	85	123	72	69	...	744	1,093	...	282	52	178	512	82	...
129	1st Battalion, 1st Brahmans, Fatehgarh . . . . .	2	...	...	...	...	651	653	...	11	...	15	2	...	...
130	2nd Battalion, 1st Brahmans, Sitapur . . . . .	...	...	...	...	...	598	598	...	3	...	10	...	...	...
131	1st Battalion, 2nd Queen Victoria's Own Rajput Light Infantry, Lucknow . . . . .	1,848	...	...	...	...	13	1,861	...	...	...	53	53	20	...
132	2nd Battalion, 2nd Queen Victoria's Own Rajput Light Infantry, Malakand . . . . .	1,263	...	...	...	...	4	1,267	...	8	...	14	...	...	...
133	3rd Battalion, 2nd Queen Victoria's Own Rajput Light Infantry, Allahabad . . . . .	161	...	...	...	...	...	161	...	...	...	...	...	...	...
134	1st Battalion, 3rd Brahmans, Barrackpore . . . . .	...	...	...	...	...	1,230	1,230	...	...	...	45	45	10	...
135	2nd Battalion, 3rd Brahmans, Ahmedabad and Deesa . . . . .	...	...	...	...	...	1,205	1,205	...	...	...	...	...	...	...
136	1st Battalion, 4th Prince Albert Victor's Rajputs, Lucknow . . . . .	1,544	...	...	...	...	21	1,565	...	...	...	46	46	7	...
137	2nd Battalion, 4th Prince Albert Victor's Rajputs, Agra and Chaklala . . . . .	924	...	...	...	...	...	924	...	...	...	10	10	...	...
138	1st Battalion, 5th Light Infantry, Loralai . . . . .	194	...	15	...	...	...	209	...	...	170	1,134	1,304	...	...
139	1st Battalion, 6th Jat Light Infantry, Ferozepore and Jhansi . . . . .	...	...	...	...	...	1,220	1,220	...	...	...	24	24	...	...
140	2nd Battalion, 6th Jat Light Infantry, Agra . . . . .	...	...	...	...	...	928	928	...	...	...	12	12	...	...
141	1st Battalion, 7th Rajputs, Mhow . . . . .	615	...	...	...	...	16	631	...	3	...	36	2	...	...
142	2nd Battalion, 7th Rajputs, Fort William . . . . .	808	...	...	...	...	209	1,017	...	...	...	...	...	...	...
143	1st Battalion, 8th Rajputs, Allahabad . . . . .	540	...	...	...	...	...	540	...	...	...	...	...	...	...
144	2nd Battalion, 8th Rajputs, Lucknow . . . . .	383	...	...	...	...	...	383	...	...	...	...	...	...	...
145	1st Battalion, 9th Bhopal Infantry, Fyzabad . . . . .	152	316	...	...	...	456	924	...	...	...	311	311	...	...
146	2nd Battalion, 9th (Delhi) Infantry, Nasirabad, . . . . .	...	...	...	...	...	411	411	...	86	...	110	...	...	...
147	3rd Battalion, 9th Bhopal Infantry, Alipore . . . . .	46	...	...	...	...	636	682	...	...	...	...	...	...	...
148	4th Battalion, 9th Bhopal Infantry, Kohat and Mhow . . . . .	221	...	...	...	...	706	927	...	3	1	274	278	...	...
149	1st Battalion, 10th Jats, Jhansi . . . . .	7	...	...	3	...	448	458	...	11	...	27	7	...	...
150	2nd Battalion, 10th Jats, Anandi and Lahore . . . . .	1	1	2	...	...	1,059	1,063	...	...	...	5	5	...	...
151	1st Battalion, 11th Rajputs, Barrackpore and Drosh . . . . .	1,244	...	...	...	...	2	1,246	...	4	...	69	73	1	...
152	2nd Battalion, 11th Rajputs, Sibi and Loralai . . . . .	612	...	1	...	...	2	615	...	1	...	15	16	1	...
153	1st Battalion, 12th Pioneers, Nowshera . . . . .	...	340	...	...	...	557	897	...	25	...	29	...	...	...
154	2nd Battalion, 12th Pioneers, Lahore . . . . .	42	...	...	...	...	250	292	...	...	...	58	58	...	...
155	13th Rajputs (The Shekhawate Regiment), Sitapore and Lucknow . . . . .	295	7	1	17	...	10	330	...	96	...	92	158	2	...

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trans-Jedus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	TOTAL.
12th King George's Own Ferozepore Sikhs, Multan	...	444	...	...	...	...	444	..	146	...	...	146	...	...	...	590
1st Battalion, 15th Ludhiana Sikhs, Peshawar	...	474	...	...	...	...	474	...	158	...	...	158	...	...	...	632
2nd Battalion, 15th Ludhiana Sikhs, Ferozepore	...	385	...	...	...	...	385	...	113	...	...	113	...	...	...	498
5th Rajputs (The Lucknow Regiment), Lucknow	1,207	26	...	2	...	10	1,355	...	...	...	48	48	2	...	...	1,405
1st Battalion, 17th Infantry (The Loyal Regiment), Jhansi	1	...	...	...	...	2	3	30	546	...	250	826	5	...	...	831
2nd Battalion, 17th Infantry (The Loyal Regiment), Ferozepore	...	...	...	...	...	...	...	...	310	...	604	914	...	...	...	914
1st Battalion, 18th Infantry, Allahabad and Kowloon	...	...	...	...	...	5	5	...	817	...	427	1,244	...	...	...	1,249
2nd Battalion 18th Infantry, Allahabad	...	...	...	...	...	...	...	...	250	...	250	500	...	...	...	500
1st Battalion, 19th Punjabis, Karachi	...	478	...	...	...	...	478	...	664	16	185	865	...	...	...	1,343
2nd Battalion, 19th Punjabis, Hyderabad	...	200	...	...	...	401	601	...	350	305	...	655	...	...	...	1,256
10th Duke of Cambridge's Own Infantry (Brownlow's Punjabis), Jhelum	...	108	257	2	...	...	367	...	309	156	...	465	...	...	...	832
1st Battalion, 21st Punjabis, Jhelum	...	187	87	...	...	122	396	...	195	104	...	299	...	...	...	695
2nd Battalion, 21st Punjabis, Jubbulpore	...	152	36	...	...	...	188	...	752	34	241	1,027	...	...	...	1,215
1st Battalion, 22nd Punjabis, Chaman and Quetta	...	436	...	...	...	...	436	...	769	138	...	907	...	...	...	1,343
2nd Battalion, 22nd Punjabis, Kowloon and Rawalpindi	...	230	...	...	...	...	230	...	637	64	5	706	...	...	...	936
2nd Sikh Pioneers Ambala and Jullundur	2	1,770	1	...	...	28	1,801	...	34	32	...	66	...	...	...	1,867
24th Punjabis, Montgomery	...	180	92	...	...	4	276	...	231	52	22	305	...	...	...	581
1st Battalion, 25th Punjabis, Jhelum	...	122	145	...	...	...	267	...	234	83	...	317	...	...	...	584
2nd Battalion, 25th Punjabis, Jhelum and Jhansi	...	178	113	...	...	97	388	386	157	176	...	719	...	...	...	1,107
1st Battalion, 26th Punjabis, Bareilly	...	311	...	...	...	6	317	...	289	95	...	384	1	...	...	702
2nd Battalion, 26th Punjabis, Dhond and Bareilly	15	85	36	1	...	375	512	...	321	22	203	546	1	...	...	1,459
1st Battalion, 27th Punjabis, Jhelum	...	117	84	...	...	11	212	...	264	79	...	343	...	...	...	555
2nd Battalion, 27th Punjabis, Dhond and Agra	...	280	206	...	...	...	486	...	652	132	...	784	...	...	...	1,270
1st Battalion, 28th Punjabis, Jhelum	...	151	69	...	...	...	220	...	253	128	8	389	...	...	...	609
2nd Battalion, 28th Punjabis, Delhi	...	...	400	...	...	27	427	...	...	...	...	...	...	...	...	427

\* This total should agree with the total number borne on the roll of the regiment.

TABLE XXIV-A—continued.

Race composition, and location of detachments.

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogra or other Hill Hindus.	Garhwas.	Gorhwals.	Other Hindus.	TOTAL HINDUS.	Bohillas.	Punjabis Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	T.
181	29th Punjabis, Jhelum . . . . .	...	152	154	...	...	1	307	...	276	...	5	281	4	...	...	
182	1st Battalion, 30th Punjabis, Montgomery . . . . .	...	397	218	...	...	2	617	...	240	...	...	240	...	...	...	
183	2nd Battalion 30th Punjabis, Ferozepore . . . . .	...	151	151	...	...	...	302	...	300	...	...	300	...	...	...	
184	3rd Battalion, 30th Punjabis, Ferozepore . . . . .	...	108	...	...	...	...	108	...	108	...	...	108	...	...	...	
185	4th Battalion, 30th Punjabis, Phillour . . . . .	28	109	...	...	...	18	195	...	258	63	...	321	...	...	...	
186	31st Punjabis, Jhelum . . . . .	...	158	187	...	...	7	352	...	229	...	...	229	2	...	...	
187	1st Battalion, 32nd Sikh Pioneers, Sialkot . . . . .	...	738	...	...	...	...	738	...	14	...	...	14	3	...	...	
188	2nd Battalion, 32nd Sikh Pioneers, Sialkot . . . . .	...	296	...	...	...	5	301	...	3	...	1	4	...	...	...	
189	3rd Battalion, 32nd Sikh Pioneers, Sialkot . . . . .	...	110	...	...	...	...	110	...	...	...	...	...	...	...	...	
190	1st Battalion, 33rd Punjabis, Rawalindi and Fort Jamrud . . . . .	...	66	76	...	...	...	142	...	569	8	11	638	...	...	...	
191	2nd Battalion, 33rd Punjabis, Ali Masjid . . . . .	...	101	96	...	...	...	197	...	621	72	...	696	...	...	...	
192	1st Battalion, 34th Sikh Pioneers, Ambala . . . . .	...	618	5	...	...	1	624	...	7	...	4	11	...	...	...	
193	2nd Battalion, 34th Sikh Pioneers, Sialkot . . . . .	...	806	...	...	...	...	806	...	...	...	...	...	...	...	...	
194	3rd Battalion, 34th Sikh Pioneers, Ambala . . . . .	...	249	...	...	...	2	251	...	...	...	5	5	...	...	...	
195	1st Battalion, 35th Sikhs, Anandi . . . . .	...	710	...	...	...	...	710	...	...	...	...	...	...	...	...	
196	2nd Battalion, 35th Sikhs, Lahore . . . . .	...	400	...	...	...	490	890	...	...	...	...	...	...	...	...	
197	36th Sikhs, Aerially . . . . .	...	1,215	...	...	...	185	1,400	...	1	...	...	1	...	...	...	
198	37th Dogras, Jhelum . . . . .	74	2	258	...	...	4	338	...	1	...	...	1	...	...	...	
199	38th Dogras, Jhelum . . . . .	...	2	443	...	8	2	455	...	1	...	...	1	3	...	...	
200	1st Battalion, 39th Garhwal Rifles, Lansdowne . . . . .	...	...	...	...	803	...	803	...	...	...	...	...	...	...	...	
201	2nd Battalion, 39th Garhwal Rifles, Lansdowne . . . . .	...	...	...	...	1,074	...	1,074	...	...	...	...	...	...	...	...	
202	3rd Battalion, 39th Garhwal Rifles, Chaklala . . . . .	...	...	...	...	714	...	714	...	...	...	...	...	...	...	...	
203	4th Battalion, 39th Garhwal Rifles, Lansdowne . . . . .	...	...	...	...	377	...	377	...	...	...	...	...	...	...	...	
204	40th Pathans, Campbellpore . . . . .	...	3	81	...	...	...	84	...	109	91	...	200	...	...	...	
205	1st Battalion, 41st Dogras, Dhond . . . . .	...	1	1,121	...	...	26	1,148	...	5	...	...	5	...	...	...	
206	2nd Battalion, 41st Dogras, Lahore . . . . .	...	...	1,080	...	...	...	1,080	...	...	...	...	...	...	...	...	
207	1st Battalion, 42nd Deoli Regiment, Deoli . . . . .	156	3	...	1	...	651	811	...	1	...	26	27	1	...	...	
208	2nd Battalion, 42nd Deoli Regiment, Ghaklala . . . . .	...	211	...	...	...	687	898	...	...	11	...	11	...	...	...	
209	1st Battalion, 43rd Erinpara Regiment, Erinpara . . . . .	...	406	4	...	...	558	962	...	...	...	453	453	2	...	...	
210	2nd Battalion, 43rd Erinpara Regiment, Ajmere . . . . .	...	40	...	...	...	663	704	...	1	1	136	138	5	...	...	
211	44th Meerwara Infantry, Ajmer and Sumerpur . . . . .	...	47	...	1	...	1,011	1,059	...	...	...	659	659	8	...	...	
212	45th Sikhs, Multan . . . . .	...	382	...	...	...	...	382	...	129	...	...	129	...	...	...	
213	46th Punjabis, Campbellpore . . . . .	...	97	...	...	...	6	103	...	477	48	...	525	...	...	...	

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Doeras or other Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	TOTAL.*
47th Sikhs, Bareilly . . . . .	...	610	...	...	...	...	610	...	...	...	...	...	...	...	...	610
1st Battalion, 48th Pioneers, Jhansi . . . . .	...	355	...	...	...	182	537	...	8	...	...	8	...	...	...	545
2nd Battalion, 48th Pioneers, Arangaon . . . . .	...	171	...	...	...	430	601	...	6	...	176	182	...	...	...	783
49th Bengalis, Karachi and Dum Dum . . . . .	...	...	...	...	...	467	467	...	...	...	235	236	10	...	...	713
1st Battalion 50th Kumaon Rifles, Almora . . . . .	...	...	...	24	543	71	638	...	2	...	1	3	3	...	...	644
2nd Battalion 50th Kumaon Rifles, Bareilly . . . . .	...	...	...	...	1,033	76	1,109	...	...	...	...	...	...	...	...	1,109
51st Sikhs (Frontier Force), Jullundur . . . . .	...	337	89	...	...	...	426	...	128	113	...	241	...	...	...	607
52nd Sikhs (Frontier Force), Jullundur . . . . .	...	216	34	...	...	...	250	...	137	110	...	247	...	...	...	497
53rd Sikhs (Frontier Force), Jullundur . . . . .	...	223	147	...	...	...	370	...	216	128	...	314	...	...	...	711
1st Battalion 54th Sikhs (Frontier Force), Jullundur . . . . .	...	260	107	...	...	...	367	...	178	86	...	264	...	...	...	...
2nd Battalion 54th Sikhs (Frontier Force), Rawalpindi . . . . .	207	285	6	...	...	2	500	...	337	30	107	474	...	...	...	974
1st Battalion, 55th Coke's Rifles (Frontier Force), Amritala . . . . .	...	44	190	...	135	3	372	...	382	70	20	472	...	...	...	844
2nd Battalion, 55th Coke's Rifles (Frontier Force), Delhi . . . . .	...	199	114	...	98	...	411	...	460	102	...	592	...	...	...	913
1st Battalion, 56th Punjabi Rifles (Frontier Force), Jullundur . . . . .	...	211	172	...	...	...	383	...	208	223	...	431	...	...	...	814
2nd Battalion, 56th Punjabi Rifles, (Frontier Force), Jullundur . . . . .	...	159	265	...	...	...	424	...	346	153	82	581	...	...	...	1,005
57th Wilde's Rifles (Frontier Force), Kohat . . . . .	...	296	293	...	...	...	589	...	489	55	105	630	...	...	...	1,239
57th Vaughan's Rifles (Frontier Force), Multan . . . . .	...	173	57	...	...	...	230	...	57	172	...	229	...	...	...	459
57th Scinde Rifles (Frontier Force), Jullundur . . . . .	...	148	173	...	...	...	321	...	235	282	...	317	...	...	...	838
1st Battalion, 61st King George's Own Pioneers, Ferozepore . . . . .	...	...	391	...	...	229	620	...	...	...	110	110	128	...	...	858
2nd Battalion, 61st King George's Own Pioneers, Dhond and Secunderabad . . . . .	...	...	...	...	...	452	452	...	4	...	20	24	30	...	...	56
62nd Punjabis, Cawnpore . . . . .	260	90	...	...	...	10	360	...	381	...	...	381	...	...	...	741
63rd Palamcottah Light Infantry Rangoon and Port Blair . . . . .	...	...	...	1	...	750	791	...	...	...	362	362	80	...	...	1,233
64th Pioneers, Bangalore . . . . .	...	...	...	...	...	312	312	...	...	...	90	90	103	...	...	506
1st Battalion, 66th Punjabis, Manmad . . . . .	...	...	...	...	...	478	478	...	...	...	755	755	...	...	...	1,233
2nd Battalion, 66th Punjabis, Sitapur . . . . .	147	45	...	...	...	166	298	...	235	...	1	236	...	...	...	534
1st Battalion, 67th Punjabis, Agra . . . . .	...	117	112	...	...	...	229	...	299	...	...	299	...	...	...	528
2nd Battalion, 67th Punjabis, Agra and Ali- Masjid . . . . .	...	183	293	...	...	...	476	...	764	...	...	764	...	...	...	1,240
1st Battalion, 69th Punjabis, Agra and Thal . . . . .	...	266	...	...	...	253	519	...	595	...	...	595	...	...	...	1,114
2nd Battalion, 69th Punjabis Delhi . . . . .	...	...	...	...	...	159	159	...	97	1	6	104	...	...	...	253
1st Battalion, 70th Burma Rifles, Secun- derabad . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	70	...	70
2nd Battalion, 70th Burma Rifles Secunderabad and Dinapore . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	957	47	1,384

\* This total should agree with the total number borne on the roll of the regiment.

TABLE XXIV-A—*contd.*

*Race composition, and location of detachments.*

Serial Number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Gahwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Mussalmans.	Trans-Indus Pathans.	Other Mussalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.
243	3rd Battalion, 76th Burma Rifles, Secunderabad.	...	...	...	...	...	...	...	...	...	...	...	...	...	1,247	...
246	4th Battalion, 76th Burma Rifles, Shewebon.	...	6	...	...	...	1	7	...	...	...	1	1	...	932	...
247	71st Punjabis, Delhi.	...	...	...	...	...	...	...	...	...	...	...	...	640	...	...
248	1st Battalion, 72nd Punjabis, Delhi.	...	191	...	...	...	...	191	...	325	...	...	325	...	...	...
249	2nd Battalion, 72nd Punjabis, Anandi.	...	490	...	...	...	...	490	...	310	170	58	538	...	...	...
250	1st Battalion, 73rd Carnatic Infantry, Bhamo.	...	...	...	...	...	429	429	...	2	...	138	140	104	...	...
251	2nd Battalion, 73rd Carnatic Infantry, Ballary.	...	...	...	...	...	602	602	...	...	...	228	228	45	...	...
252	74th Punjabis, Agra and Kowloon.	...	147	214	...	...	...	361	...	597	...	...	597	...	...	...
253	1st Battalion, 75th Carnatic Infantry, Bangalore.	...	...	...	...	...	323	323	...	...	...	18	128	84	...	...
254	2nd Battalion, 75th Carnatic Infantry, Secunderabad.	...	...	...	...	...	630	630	...	...	...	117	117	131	...	...
255	76th Punjabis, Jubbulpore.	57	33	...	...	...	45	135	...	913	...	...	913	...	...	...
256	79th Carnatic Infantry, Secunderabad.	...	...	...	...	...	1,085	1,085	...	...	...	376	376	350	...	...
257	1st Battalion, 80th Carnatic Infantry, Maymyo.	...	...	...	...	...	801	801	...	...	...	595	595	126	...	...
258	2nd Battalion, 80th Carnatic Infantry, Trichinopoly.	...	...	...	...	...	825	825	...	...	...	216	216	148	...	...
259	1st Battalion, 81st Pioneers, Bangalore and Thal.	...	...	...	...	...	567	567	...	...	...	117	117	242	...	...
260	2nd Battalion, 81st Pioneers, Bangalore.	...	...	...	...	...	309	309	...	73	...	450	525	28	...	...
261	82nd Punjabis, Jhansi.	...	183	...	...	...	204	387	...	388	5	15	408	...	...	...
262	83rd Wallajahbad Light Infantry, Trichinopoly.	...	...	...	...	...	423	423	...	...	...	272	272	122	...	...
263	84th Punjabis, Cawnpore.	139	168	...	...	...	10	317	...	261	...	17	278	...	...	...
264	85th Burma Rifles, Myitkeina and Thayung.	107	195	...	315	...	40	657	1	...	...	1	2	...	...	...
265	86th Carnatic Infantry, Meiktila.	5	...	...	...	...	577	582	...	...	...	439	439	123	...	...
266	87th Punjabis, Jhansi.	...	75	...	...	...	132	207	...	310	...	15	325	...	...	...
267	1st Battalion, 88th Carnatic Infantry, St. Thomas Mount.	2	...	...	...	...	346	348	...	...	...	169	169	122	...	...
268	2nd Battalion, 88th Carnatic Infantry, Bombay.	...	...	...	...	...	916	916	...	...	...	2	2	12	...	...
269	1st Battalion, 89th Punjabis, Kamptee.	189	95	...	...	...	83	367	...	174	...	...	174	3	...	...
270	2nd Battalion, 89th Punjabis, Dargai and Chakdara.	120	227	...	...	...	162	509	...	473	...	...	473	...	...	...
271	1st Battalion, 90th Punjabis, Kamptee and Thal.	131	264	...	...	...	126	521	...	225	...	16	241	...	...	...
272	2nd Battalion, 90th Punjabis, Dhond.	5	2	...	...	...	258	265	...	128	...	97	225	...	...	...
273	1st Battalion, 91st Punjabis (Light Infantry), Rangoon.	...	143	173	...	...	...	316	...	174	...	109	283	...	...	...

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogra and other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Mormons.	Jews.	TOTAL*
Battalion, 91st Punjabis, Jubbulpore	23	10	2	...	...	5	45	...	382	...	442	824	...	...	...	869
Battalion, 92nd Punjabis, Delhi	...	331	...	...	...	...	331	...	445	...	...	445	...	...	...	716
Battalion, 93rd Berar Infantry, Delhi	...	285	...	...	...	...	285	...	466	...	...	466	...	...	...	751
Battalion, 94th Russell's Infantry, Nasirabad	275	...	...	...	...	290	565	...	...	...	153	153	...	...	...	718
Battalion, 94th Russell's Infantry, Meerut	397	...	...	...	...	390	787	...	...	...	166	166	3	...	...	896
Battalion, 95th Russell's Infantry, Saugor	170	...	...	...	...	416	586	...	...	...	216	216	...	...	...	802
Battalion, 95th Russell's Infantry, Meerut	242	...	...	...	...	644	886	...	...	...	268	268	...	...	...	1,694
Battalion, 96th Berar Infantry, Saugor	266	...	...	...	...	170	436	...	...	...	394	394	...	...	...	830
Battalion, 96th Berar Infantry, Santa Cruz	270	...	...	...	...	415	685	...	...	...	236	236	...	...	...	921
Battalion, 97th Deccan Infantry, Ahmedabad and Sibi	412	...	...	...	...	765	1,177	...	3	4	192	199	2	...	...	1,378
Battalion, 97th Deccan Infantry, Ahmedabad	303	...	...	...	...	131	434	...	6	...	105	111	1	...	...	546
Battalion, 98th Infantry, Quetta	55	...	...	...	...	576	631	...	...	...	124	124	10	...	...	765
Battalion, 98th Infantry, Jubbulpore	297	...	...	...	...	634	931	...	...	...	533	533	...	...	...	1,464
Deccan Infantry, Ahmedabad	187	...	...	...	...	353	540	...	...	...	280	280	...	...	...	820
Battalion, 101st Grenadiers, Aurangabad	...	...	...	...	...	310	310	...	193	...	216	409	5	...	...	724
Battalion, 101st Grenadiers, Mhow	...	...	...	...	...	390	390	...	255	...	339	594	...	...	...	984
Battalion, 102nd King Edward's Own Grenadiers, Mhow	...	...	...	...	...	586	586	...	240	...	...	240	15	...	1	842
Battalion, 102nd King Edward's Own Grenadiers, Dinapore	...	...	...	...	...	839	839	...	269	...	...	269	...	...	...	1,048
Battalion, 103rd Mahratta Light Infantry, Nagpur	...	...	...	...	...	753	753	...	...	...	187	187	...	...	...	940
Battalion, 103rd Mahratta Light Infantry, Belgaum and Thal	...	...	...	...	...	504	504	...	...	...	31	31	1	...	...	536
Battalion, 104th Wellesley's Rifles, Mhow	108	...	...	...	...	211	319	...	177	...	2	179	...	...	...	498
Battalion, 105th Mahratta Light Infantry, Belgaum	...	...	...	...	...	214	214	...	...	...	36	36	...	...	...	250
Battalion, 106th Hazara Pioneers, Quetta	...	...	...	...	...	147	147	...	...	...	439	439	...	...	...	586
Battalion, 107th Pioneers, Quetta	...	140	...	...	...	169	310	...	145	250	395	395	3	...	1	709
Battalion, 107th Pioneers, Jhansi	...	182	...	...	...	234	416	...	162	68	32	262	...	...	...	678
Battalion, 108th Infantry, Aurangabad	...	...	...	...	...	315	315	...	165	...	138	393	7	...	...	625
Battalion, 109th Infantry, Bareilly	...	...	...	...	...	142	142	...	68	...	64	132	5	...	...	279
Battalion, 109th Infantry, Poona	...	...	...	...	...	441	441	...	203	...	240	443	...	...	...	884
Battalion, 110th Mahratta Light Infantry, Peshawar	...	...	432	...	...	432	...	...	...	...	144	144	...	...	...	576
Battalion, 110th Mahars, Jubbulpore	...	...	...	...	...	808	808	...	...	...	14	14	8	...	...	830
Battalion, 111th Infantry, Nasirabad	...	...	...	...	...	1,166	1,166	...	374	...	1	375	...	...	2	1,543
Battalion, 112th Infantry, Bannu and Peshawar	...	...	...	...	...	638	638	...	179	...	...	179	...	...	...	817
Battalion, 113th Infantry, Benares	...	...	...	...	...	439	439	...	106	...	...	106	2	...	...	547
Battalion, 113th Infantry, Benares	...	...	...	...	...	419	419	...	106	...	...	106	...	...	...	525
Battalion, 114th Maharattas, Belgaum	...	...	...	...	...	374	374	...	...	...	117	117	...	...	...	491
Battalion, 115th Maharattas, Belgaum and Satara	...	...	...	...	...	300	300	...	...	...	122	122	...	...	...	422
Battalion, 116th Maharattas, Baroda	...	...	...	...	...	590	590	...	...	...	170	170	...	...	...	760
Battalion, 117th Maharattas, Belgaum	...	...	...	...	...	211	211	...	...	...	153	153	1	...	...	365

\* This total should agree with the total number borne on the roll of the regiment.

TABLE XXIV-A.—*continued.*

*Rate composition, and location of detachments.*

Serial number.	Corps and its detachments.	Race composition.										TOTAL MUSSALMANS.	Native Christians.	Burmans.	Jews.	
		Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Gharwals.	Other Hindus.	TOTAL HINDUS.	Robillas.	Punjabi Mussalmans.	Trans-Indus Fathans.					Other Mussalmans.
312	2nd Battalion, 117th Mahrattas, Multan . . . . .	...	...	...	...	...	1,358	1,358	...	6	...	11	17	...	...	...
313	1st Battalion, 119th Infantry (The Multan Regiment), Ahmednagar.	114	...	...	...	...	317	431	...	15	...	192	207	...	...	...
314	2nd Battalion, 119th Infantry (The Multan Regiment), Quetta.	111	...	...	...	...	511	622	...	...	...	338	328	3	...	...
315	120th Rajputana Infantry, Deesa . . . . .	135	...	...	...	...	226	351	...	...	...	543	543	...	...	...
316	121st Pioneers, Meerut and Kirkee . . . . .	...	...	...	...	...	482	482	...	...	244	215	479	...	...	...
317	122nd Rajputana Infantry, Ahmednagar . . . . .	381	...	...	...	...	924	1,205	...	12	...	366	378	6	...	...
318	1st Battalion, 123rd Outram's Rifles, Mhow.	183	...	...	...	...	230	413	...	368	...	...	368	...	...	...
319	2nd Battalion, 123rd Outram's Rifles, Nowshera.	190	...	...	...	...	341	531	...	560	...	1	561	...	...	...
320	1st Battalion, 124th Duchess of Connaught's Own Baluchistan Infantry, Lahore.	...	165	...	...	...	...	165	...	629	293	...	922	...	...	...
321	2nd Battalion, 124th Duchess of Connaught's Own Baluchistan Infantry, Multan.	...	184	...	...	...	...	184	...	184	...	...	184	...	...	...
322	3rd Battalion, 124th Duchess of Connaught's Own Baluchistan Infantry, Quetta.	...	134	...	...	...	...	134	...	705	253	203	1,161	...	...	...
323	1st Battalion, 125th Napier's Rifles, Rajkot	38	...	...	2	2	415	477	...	508	...	...	508	11	...	1
324	2nd Battalion, 125th Napier's Rifles, Poona	243	1	...	207	287	4	742	...	328	...	1	329	1	...	...
325	127th Baluchistan Infantry, Hyderabad . . . . .	...	62	...	...	...	2	64	...	237	351	...	588	...	...	...
326	1st Battalion, 127th Queen Mary's Own Baluch Light Infantry, Multan.	...	...	...	...	...	...	...	...	138	236	236	630	...	...	...
327	2nd Battalion, 127th Queen Mary's Own Baluch Light Infantry, Karachi.	...	2	...	...	...	...	2	...	340	64	173	577	...	...	...
328	1st Battalion, 128th Pioneers, Meerut . . . . .	...	138	...	...	...	187	325	...	...	137	117	254	...	...	...
329	2nd Battalion, 128th Pioneers, Arangaon . . . . .	...	163	...	...	...	413	576	...	2	103	246	351	2	...	...
330	1st Battalion, 129th Duke of Connaught's Own Baluchis, Fort Sandeman.	...	...	...	...	...	1	1	...	619	22	...	641	...	...	...
331	2nd Battalion, 129th Duke of Connaught's Own Baluchis, Karachi and Quetta.	...	...	...	...	...	2	2	...	854	...	...	854	...	...	...
332	1st Battalion, 130th King George's Own Baluchis, (Jacob's Rifles), Jhelum.	...	...	...	...	...	3	3	...	469	107	3	579	...	...	...
333	2nd Battalion, 130th King George's Own Baluchis (Jacob's Rifles), Karachi.	...	...	...	...	...	...	...	...	135	71	105	252	...	...	...
334	1st Battalion, 131st United Provinces Regiment, Moradabad and Bareilly.	195	...	...	...	...	4	199	...	5	...	62	67	...	...	...
335	2nd Battalion, 131st United Provinces Regiment, Bareilly.	...	...	...	...	84	171	255	...	...	...	84	84	...	...	...
336	1st Battalion, 133rd Regiment, Nathnagar . . . . .	79	...	...	...	...	121	200	...	...	...	35	35	3	...	...
337	1st Battalion, 140th Patiala Infantry, Patiala.	1	27	17	...	...	60	105	...	10	...	40	50	...	...	...
338	1st Battalion, 141st Bikanir Infantry. Bikanir.	76	7	...	...	...	315	308	...	...	...	183	183	3	...	...

\*This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogra or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Robillas.	Punjabi Mussalmanas.	Trans-Indus Pathans.	Other Mussalmanas.	TOTAL MUSALMANAS.	Native Christians.	Burmans.	Jews.	TOTAL.*
Jodhpur Infantry, Jodhpur	361	...	...	...	...	123	484	...	...	...	163	163	...	...	...	647
Narsingh (Dholpur) Infantry, et.	35	...	...	...	...	41	78	...	...	...	23	23	...	...	...	101
Bharatpur Infantry, Bharatpur	...	...	...	...	...	143	143	...	...	...	58	58	...	...	...	201
Battalion, 150th Indian Infantry, Muttra	210	...	...	...	...	9	219	...	1	...	13	14	1	...	...	234
Battalion, 150th Indian Infantry, Alwar and Rawalpindi.	231	...	...	...	...	575	805	...	...	...	...	...	...	...	...	806
Battalion, 150th Indian Infantry, et.	202	...	...	...	...	729	931	...	4	...	...	4	...	...	...	935
Battalion, 151st Sikh Infantry, Manma	...	659	...	...	...	3	662	...	...	...	246	246	2	...	...	910
Battalion, 151st Sikh Infantry, Kohat and Muzaffargarh.	...	205	267	...	...	2	474	...	776	1	29	805	...	...	...	1,280
Battalion, 151st Sikh Infantry, Poona	395	...	...	...	...	289	684	...	...	156	...	156	...	...	...	841
Battalion, 152nd Punjabis, Kohat	...	177	91	...	...	...	268	...	847	76	29	952	...	...	...	1,220
Battalion, 152nd Punjabis, Poona	...	...	...	...	...	481	481	...	...	...	414	414	...	...	...	895
Battalion, 152nd Punjabis, Anand and Chandigarh.	...	288	...	...	...	39	327	...	464	...	68	532	...	...	...	859
Battalion, 153rd Punjabis, Fort Sandeman and Muzaffargarh.	142	105	...	...	...	197	444	...	390	29	...	419	...	...	...	863
Battalion, 153rd Punjabis, Karachi	...	405	...	...	...	...	415	...	446	...	182	645	...	...	...	1,053
Battalion, 153rd Rifles, Ahmednagar	...	...	...	...	...	221	221	...	226	...	47	293	...	...	...	494
Battalion, 154th Indian Infantry, Dera Khan.	100	...	...	...	...	193	293	...	...	...	...	...	...	...	...	293
Battalion, 154th Indian Infantry, Poona	...	...	...	...	...	1,053	1,053	...	...	...	238	238	...	...	...	1,291
Battalion, 154th Indian Infantry, et.	...	...	...	...	...	214	214	...	16	...	9	25	...	...	...	239
Battalion, Pioneer, Muttra	...	91	...	...	...	183	274	...	3	64	218	285	...	...	...	559
Battalion, Indian Infantry, Cannanore	...	...	...	...	...	175	175	...	...	...	200	200	25	...	...	400
King George's Own Gurkha Rifles (Salun Regiment), Dharamsala.	...	...	6	636	...	...	642	...	...	...	...	...	...	...	...	642
King George's Own Gurkha Rifles (Salun Regiment), Dharamsala.	...	...	5	1,000	...	...	1,005	...	...	...	...	...	...	...	...	1,005
King George's Own Gurkha Rifles (Salun Regiment), Quetta.	...	...	...	782	...	...	782	...	...	...	...	...	...	...	...	782
King Edward's Own Gurkha Rifles (Simoor Rifles), Dehra Dun.	1	...	...	996	17	7	1,021	...	...	...	...	...	...	...	...	1,021
King Edward's Own Gurkha Rifles (Simoor Rifles), Dehra Dun.	...	...	...	1,534	...	...	1,534	...	...	...	...	...	...	...	...	1,534
King Edward's Own Gurkha Rifles (Simoor Rifles), Peshawar.	...	...	...	726	...	...	726	...	...	...	...	...	...	...	...	726
Queen Alexandra's Own Gurkha Rifles (Almora).	...	...	...	627	...	15	642	...	...	...	...	...	...	...	...	642
Queen Alexandra's Own Gurkha Rifles (Lansdown).	...	...	...	1,695	...	...	1,695	...	...	...	...	...	...	...	...	1,695
Queen Alexandra's Own Gurkha Rifles (Abbottabad).	...	...	...	870	...	4	874	...	7	...	...	7	...	...	...	881

\* This total should agree with the total number borne on the roll of the regiment.

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## SECTION VII.

# SANITARY WORKS

### INDIA.

152. Out of a sum of Rs. 8,67,000 at the disposal of the Government of India during 1918-19 for sanitary purposes grants were made to the extent of Rs. 8,66,900. Rs. 4,50,000 were given for the improvement of sanitary arrangements in connection with pilgrim centres in Madras, Bombay, the United Provinces and Bihar and Orissa; Rs. 1,00,000 for Badrinath-Kedarnath pilgrim route; Rs. 1,32,000 for Dhar Housing Scheme, Simla, and Rs. 50,000 for certain sanitary improvements in Delhi.

The following paragraphs contain information regarding sanitary works carried out or in progress in the several provinces :—

### BENGAL.

153. The number of municipalities in 1918-19 remained unchanged. The total income, excluding the opening balance of Rs. 16,84,481 and extraordinary and debts amounting to Rs. 7,69,222, was Rs. 64,52,693 as compared with Rs. 58,62,251 during the previous year. The net income was equivalent to Rs. 3·2 per head of population. The total receipts from all sources including the opening balance amounted to Rs. 89,05,396 against Rs. 83,58,974.

The total municipal expenditure on sanitation amounted to Rs. 32,90,220, or 36·9 of the total receipts, and included Rs. 16,77,564 for conservancy, Rs. 8,01,811 for water supply, Rs. 2,66,422 for drainage and Rs. 2,74,387 for treatment of the sick.

The expenditure on sanitation amounted to Rs. 1·6 per head of population; or, if construction of roads be included, to Rs. 2.

A lump grant of Rs. 13,70,000 was allotted by the Government of Bengal for expenditure on sanitary works during 1919-20: the chief items being Dacca sewerage scheme Rs. 3,00,000; Krishnagar water supply scheme, Rs. 1,25,000; Amta drainage scheme Rs. 1,00,000; anti-malarial works in connection with irrigation department Rs. 1,94,000; Midnapur water supply Rs. 73,000, and distribution of quinine Rs. 50,000. The Dacca sewerage project is estimated to cost Rs. 30 lakhs, towards which Government has promised a grant of Rs. 25 lakhs.

The total cost of sanitary works executed by all agencies during 1918-19 amounted to Rs. 13,01,709 against Rs. 14,25,040 during the previous year. 128 septic tank latrines, including five new installations, were working during the year. These latrines were regularly inspected. Some difficulty was experienced in sterilising the effluents before discharge into the river, but it is expected that this will be overcome in the near future.

A special Deputy Sanitary Commissioner with a travelling laboratory was appointed to enquire into the causes of pollution of the river Hooghly. A river length of 29 miles was surveyed before the end of the year, but further work remains to be done.

Prior to the passage of the village self-Government Act sanitation in rural areas was under the control of District Boards. Now certain village committees will possess sanitary duties and the power of levying rates to meet the necessary expenditure. In recent years increasing amounts have been disbursed by district boards for the improvement of water supplies. During 1919 over 6½ lakhs of rupees were spent on the construction of new tanks and wells in rural areas, and over Rs. 68,000 for the upkeep of existing tanks and wells.

The revenue of district boards is insufficient for the public health needs of the population, and the Sanitary Commissioner of the Province points out that advance is being hampered by the "practice of devoting a large proportion of general revenue to items of capital expenditure which might legitimately be met from loans". The need for more money is very urgent for, without funds it will be impossible to deal adequately with cholera which in 1919 attacked nearly 16,000 villages.

154. *Sanitary Board.*—The Board met nine times in the year and considered six sketch projects for water supply and drainage involving a total estimated cost of Rs. 7,32,430. Four detailed schemes for water supply involving an expenditure of Rs. 7,17,131 were also submitted to Government for final approval.

Amongst others the following miscellaneous questions came before the Board for consideration.

1. Notes on proposal for enabling malaria epidemics to be foreseen and mitigated, by Sir Leonard Rogers and Dr. Bentley.
2. Influence of railway construction on public health.
3. Distribution of the quinine grant from Government.
4. Malaria survey of the Arool and Bookbhora bils drainage areas, etc.
5. Malaria in Birnagar and in villages Bhatjungla and Dignagar in the Nadia district.
6. Working scheme for the distribution of quinine in rural areas.

#### ASSAM.

155. There were 15 municipalities and 10 unions during the year. No information as to income and expenditure was received from two unions. The total income during 1919 of the remaining municipalities and unions, including the opening balance of last year, amounted to Rs. 7,64,093 as compared with Rs. 8,07,202 in the preceding year. Of this a sum of Rs. 3,27,577 or 42·87 per cent was spent on different sanitary works and included Rs. 1,91,565 on conservancy, Rs. 87,907 on water supply and Rs. 30,018 on drainage against Rs. 1,76,773, Rs. 1,51,748 and Rs. 16,466, respectively, in 1918. The decrease under water supply was due to the inclusion in the figure for 1918 of the cost of the completion of the Sylhet water works.

A total expenditure of Rs. 67,964 was incurred by the Public Works Department on original works and repairs in connection with improvements to towns, drainage, water supply and miscellaneous improvements, as compared with Rs. 21,193 in 1918.

The aggregate expenditure of 19 Local Boards on the improvement of water supplies amounted to Rs. 69,769 against Rs. 88,455 in 1918 and Rs. 2,08,863 in 1917.

156. *Sanitary Board.*—One meeting of the Board was held, all other business having been transacted by the circulation of files and notes. Sketch projects were considered in connection with the improvement of Gauhati water works, augmentation of the water supply of Shillong, remodelling the Tura water works and the extension of the Haflong water works. The following rough projects were considered and forwarded to Government for administrative approval :—

- (a) reclamation of certain insanitary tanks in Gauhati at an estimated cost of Rs. 2,74,965,
- (b) proposals for the organisation of public health administration in rural areas, and
- (c) proposals for the appointment of additional sanitary inspectors.

#### BIHAR AND ORISSA.

157. The total income of 56 municipalities in the province, including opening balance, amounted to Rs. 51,67,226 in 1918-19. Out of this Rs. 17,02,959 or 32·9 per cent were spent on sanitation, and included Rs. 8,75,015 on conservancy, Rs. 5,52,901 on water supply, Rs. 1,43,995 on drainage and Rs. 79,976 on markets.

The whole of the Imperial grant of Rs. 3,33,000 for 1919-20 and the unspent balance of the previous year's grant was allotted. The chief allotments were :—to Patna city municipality for water works Rs. 1,00,000, to the Sanitary Board for the pay of temporary establishment Rs. 59,035 : to Jamalpur municipality for water-works Rs. 45,000 ; to Madhubani municipality for a market Rs. 25,000, and towards salaries of Health Officers Rs. 20,000.

The total income, including opening balance of District Boards, which deal with a population of over 33 millions was Rs. 1,22,04,066 during 1918-19 as compared with Rs. 1,09,29,185 in the previous year. The expenditure on sanitation during 1918-19, was Rs. 3,95,101 or 3·2 per cent of income. The amount spent on sanitation was under one pice per head of population.

158. *Sanitary Board.*—The Board was reconstituted during the year, and now consists of 6 official and 5 non-official nominated members. In addition to its advisory functions the Board has certain administrative powers in connection with the distribution of grants to local bodies for sanitary purposes and the supervision of projects during construction. The work of the Board is facilitated by the formation of two sub-committees one to deal with sanitary projects and the other with public health questions. The Board met five times during 1919-20. Among others the following questions were dealt with :—

- (a) A report by a sub-committee of the Bengal Sanitary Board on depreciation of waterworks and drainage works was considered and referred to the

Projects Committee whose report was recommended to Government for acceptance.

- (b) Rules relating to the management of waterworks and the preparation and execution of sanitary projects were framed and recommended to Government.
- (c) Total grants amounting to Rs. 4,09,799 to be allotted to local Boards for sanitary purposes were recommended.
- (d) Proposals for the formation of a Sanitary Service were considered and recommendations submitted to Government.

The expenditure of the Sanitary Works Division for the year aggregated Rs. 3,03,649, including Rs. 1,10,657 on provincial civil works, and Rs. 88,546 on contribution works (original).

Progress was made with several water supply, drainage and sewerage projects.

#### UNITED PROVINCES.

159. In 1918-19 the total income of municipalities, excluding the opening balance, amounted to Rs. 1,19,00,583 as compared with Rs. 1,03,92,433 in the previous year. Rs. 34,09,469 or 28 per cent of the total income were spent on water supplies, drainage and conservancy.

The Benares municipality spent Rs. 43,776 on drains, sewers, house connections and brick paving of kutchha lanes.

In Cawnpore Rs. 1,78,710—inclusive of a Government grant of Rs. 58,000—were spent on various sanitary improvements, such as the Collectorganj market, a new main and engine, and extension of the outfall sewer.

In Lucknow an Improvement Trust has been formed. Rs. 41,864 were spent on sanitary improvements. Plans and estimates for a sewerage pumping station and a sullage farm were approved and a grant-in-aid made.

In Agra Rs. 33,911 were spent on drains and pavement.

In Allahabad progress was made on the Kydganj drainage scheme.

In Mussoorie Rs. 39,512 were spent on sanitary improvements.

The Maharaja Bahadur of Balrampur sanctioned a grant of Rs. 1,50,000 for the drainage of Balrampur municipality. Rat-proof granaries were constructed at Ballia, the total expenditure up to the close of the year amounting to Rs. 26,832. Almora spent Rs. 11,928 on a sewerage scheme and Rs. 17,244 on waterworks. The Aligarh municipality spent Rs. 15,089 on the construction of pavements; Rs. 9,524 on waterworks, and Rs. 3,994 on drains. Several other municipalities spent smaller sums. District Boards were given a sum of Rs. 68,021 by the Public Health Board, which brought the accumulated funds at their disposal for sanitary work to Rs. 1,99,265. Out of this Rs. 1,21,603 were spent.

160. *Public Health Board.*—The Board held six meetings and sanctioned grants amounting to Rs. 4,39,366, including the sum of Rs. 68,021 allotted for rural sanitation. In addition grants were made by the local government amounting to

Rs. 2,37,985 for seven sanitary projects; including a sum of Rs. 1,00,000 for the improvement of the Tirath Tank and fair area of Gola Gokaran Nath in the Kheri district. The Board gave administrative approval to sanitary projects at an estimated aggregate cost of Rs. 70,99,062.

PUNJAB.

161. By the conversion of Moga into a municipality the number of municipalities in the province was raised from 100 to 101 and that of notified areas reduced from 104 to 103 during 1918-19. At the close of the year three new notified areas were constituted. The total income, excluding the opening balance of Rs. 36,73,713 and "Extraordinary" and debts amounting to Rs. 2,33,520, was Rs. 82,21,813. Of this a sum of Rs. 16,44,855, or 20 per cent was spent on sanitation and vaccination, and included Rs. 8,70,622 on conservancy, Rs. 4,10,825 on water supply and Rs. 1,95,579 on drainage. In addition Rs. 5,88,123 were expended on roads.

The total income of District Boards excluding opening balance amounted to Rs. 94,90,888, and the expenditure on sanitation and vaccination to Rs. 1,36,071, or 1·4 per cent. A sum of Rs. 49,222 was spent on the cleaning of wells and for the construction of parapets. A number of wells, dharamshalas and serais were built by private individuals in eleven districts at a total cost of Rs. 45,415.

162. *Sanitary Board.*—The Board met seven times in the year. The balance of Rs. 3,73,399 left over from the grant made during 1918-19 was fully utilised. The grants sanctioned out of the balance included Rs. 1,28,617 for Gujranwala water supply scheme, Rs. 1,04,305 for Rohtak drainage scheme and Rs. 71,458 for storm water drainage and filling of depressions in the town of Montgomery. Eleven other projects received grants-in-aid. A fresh grant of four lakhs was placed at the disposal of the Sanitary Board for 1919-20. From this grants to the extent of Rs. 57,467 in aid of 13 projects were made up to 31st December 1919; the balance of Rs. 3,42,533 will be accounted for in the report for next year.

Eight water supply, drainage and village improvement schemes involving a total expenditure of Rs. 2,45,446 were approved by the Board and administrative sanction was accorded in each case. The Sialkot drainage scheme at an estimated cost of Rs. 3,44,100 was submitted to Government for administrative sanction. The Board also accorded revised administrative sanction to three drainage schemes and one water supply scheme at an aggregate cost of Rs. 2,03,758. The Government in the Public Works Department accorded revised administrative sanction to the Rohtak drainage scheme estimated to cost Rs. 2,08,610; and technical sanction to seven schemes at an aggregate cost of Rs. 7,77,050.

The Board is actively developing the general sanitation of the urban areas and makes a practice of holding sessions in towns to discuss matters with municipal representatives. Arrangements for the detailed survey of seven large towns have been made and the work will be undertaken as soon as the Survey Department can supply the staff.

Under the Board's careful policy the introduction of sewerage schemes is being skilfully regulated and water supply problems are receiving attention and financial assistance.

*Lahore.*—A new tube well was sunk in the Davids road, and yields about 30,000 gallons an hour. The average daily quantity of water pumped in June has risen

from 3.25 million gallons in 1916 to 5.37 million gallons in 1919. A new pump to deliver 200,000 gallons an hour has been ordered. Owing to insufficient water, the sewerage scheme is to be taken up gradually.

*Amritsar.*—Rs. 10,000 was spent on new drains and pavements.

The drainage of Lala Musa at an estimated cost of Rs. 74,541 is nearly completed : as also the water supply extension scheme for Lyallpur. The Rupar and Kalka drainage schemes have been completed. Progress was made with the Rewari water supply project : it is calculated that the supply will be available to the general public in May 1920.

#### NORTH-WEST FRONTIER PROVINCE.

163. A grant-in-aid of Rs. 1,48,000 was allotted as follows Rs. 1,00,000 for Abbottabad water supply scheme, Rs. 38,000 for diversion of Najaya channel and two Karezes in Kohat city, Rs. 4,000 for paving and drainage in Bannu town, and Rs. 6,000 for alteration to the drains in Parachinar bazar. The total income of municipalities and notified areas was Rs. 17,63,803 of which Rs. 3,62,049 or 20 per cent. was spent on sanitary works, including Rs. 46,121 on roads and bridges. The population of the municipalities and notified areas is 191,245, so the incidence of income and expenditure on sanitation per head of population comes to Rs. 9 and Rs. 1.9, respectively.

The District Board spent a sum of Rs. 43,277 out of the total income of Rs. 6,42,128. More than 2-3rd of this expenditure was on roads and bridges.

#### CENTRAL PROVINCES AND BERAR.

164. The total income of municipal towns, excluding loans and balances, amounted to Rs. 44,54,566 against Rs. 39,77,866, during 1917-18. Of this Rs. 15,67,063, or 35 per cent. were spent on sanitation, and included Rs. 7,54,420 on conservancy, Rs. 4,41,683 on water supply, Rs. 1,93,870 on drainage and Rs. 68,698 on markets and slaughter houses.

Government made a total grant of Rs. 2,56,500 in aid of sanitary works, which was distributed as follows :—for drainage in two towns Rs. 82,325 ; for water supply in 8 towns Rs. 90,852 ; for town improvement Rs. 54,535, and miscellaneous improvements Rs. 28,788. The Sanitary Commissioner of the Province writes that most of the municipal committees exhibit apathy and indifference to sanitary improvement.

The total receipts in villages under the Village Sanitation Act amounted to Rs. 2,85,436 and expenditure to Rs. 2,68,497. The receipts of the Town fund and other villages under Mukaddam Rules were Rs. 59,081 and expenditure Rs. 61,224 : only Rs. 2,082 were spent on works connected with water supply. A sum of Rs. 30,018 was allotted by Government for improvements in ryotwari villages, of which Rs. 19,419 were expended in the construction and repairs of wells. A provincial grant of Rs. 50,000 was sanctioned during 1919-20 for improvement of water supplies in rural areas.

165. *Sanitary Board.*—The Board held seven meetings during the year and considered several schemes connected with drainage, water supply, town planning and malaria preventive measures.

## MADRAS.

166. The provisions of the District Municipalities Act were extended to the major union of Villupuram thus raising the number of municipalities from 73 to 74. The aggregate population of these municipalities is 2,799,530. Of the total income during 1918-19 Rs. 29,75,122 were set apart for sanitary works of which Rs. 28,05,870 or just over Re. 1 per head, were actually spent. The allotment for 1919-20 was Rs. 32,63,874, of this sum Rs. 22,08,600 were expended up to December 31st, 1919. Of the total allotment Rs. 4,92,160 was ear-marked for the improvement of water supply, the remainder being allocated to conservancy, construction and repair of drains, markets, slaughter houses, etc.

The water supplies for Ellore and Erode, were completed during the year. 6 schemes were under execution, and improvements were made to 5 others. Ootacamund still remains the only municipality which possesses a completed drainage system.

The drainage schemes in Madura and Vellore were under execution during the year. One scheme was sanctioned during the year, *i.e.*, Kumbakonam (Part I conservancy lanes).

Some activity was evident in the provision of public latrine accommodation of an improved type. There are still many public latrines of an insanitary type, but they are being gradually replaced.

In district boards the total assignment for sanitation during 1919-20 amounted to Rs. 17,74,860 which was 26.4 per cent of the income, the expenditure during the nine months of the official year being Rs. 8,12,495. The allotment and expenditure for the full year 1918-19 were Rs. 16,10,363 and Rs. 10,53,609, respectively. No material progress was noticeable in respect of water supply and drainage, the chief difficulty being the lack of funds. It is hoped the amended Local Boards Act and the efforts that are being made by the Health and Welfare Associations to spread a knowledge of sanitation will improve matters.

167. *Sanitary Board.*—The powers of final approval to schemes vested in the Board was raised in respect of the financial limit from Rs. 20,000 to Rs. 50,000.

A revised programme of major sanitary schemes in order of urgency was submitted to Government and approved. 4 type designs with schedules and specifications were circulated to local authorities.

13 schemes, estimated to cost Rs. 73,97,880, were received during the year. 9 schemes, the aggregate cost of which amounted to Rs. 3,91,600 were examined by the Board. 4 schemes estimated to cost Rs. 70,06,280 were referred to the Chief Engineer for technical scrutiny.

7 schemes estimated to cost Rs. 3,38,800 in the aggregate were finally approved by the Board during the year, and 5 being beyond the Board's financial powers were submitted to Government.

## BOMBAY.

168. The number of mufussil municipalities during 1919 was 156 with a combined population of 2,384,505. Their combined income, excluding Viramgaon,

amounted to Rs. 1,58,30,947 of which Rs. 77,36,710 were raised by taxation. The incidence of taxation per head of population averaged Rs. 3-4-0 against Rs. 2-9-0 in 1918. The expenditure on public health measures in Karachi city was Rs. 8 per head and averaged slightly over Rs. 2 in the mufussil municipalities. In Bombay city the figure was about Rs. 10 per head.

The combined income of 26 Districts and 215 Taluka Local Boards was Rs. 88,49,132. Of this a sum of Rs. 4,70,225 was spent on communications and only Rs. 38,509 on public health work. The incidence of income per head of population was 8'6 annas.

The imperial and provincial grants during the year amounted to Rs. 700,000 and Rs. 8,24,000, respectively, and were utilised mainly to improve communications and water supplies. The Government of Bombay also sanctioned a grant of Rs. 1,00,000 in aid of village water supplies, which was supplemented by allotments from Local Funds and popular contributions. This money was expended in the construction of wells and tanks, troughs and cisterns, in repairing old wells, deepening existing tanks, in boring and jumper operations and in closing step-wells. The policy of closing step-wells has caused a marked difference in the incidence of guineaworm disease.

The total income of Notified Area Committees (population 1,40,366) was Rs. 4,88,828, including the opening balance, of which Rs. 3,41,239 was spent on sanitary works.

The income of Village Sanitary Boards during the year aggregated Rs. 5,005 of which Rs. 1,339 were raised by popular contribution, and expenditure Rs. 3,422.

During the year 44 new Sanitary Committees were formed which raised their total number to 505. Their aggregate income amounted to Rs. 5,66,065 and expenditure to Rs. 2,91,141.

169. *Sanitary Board.*—Four regular meetings and one special meeting were held during the year.

Of the amount of Rs. 1,00,000 placed at the disposal of the Board Rs. 94,050 was allotted. Plans and estimates for 50 schemes amounting to Rs. 2,06,234 were approved and sanctioned by the Board. The Government of Bombay also sanctioned a total sum of Rs. 91,081 as grants-in-aid to certain municipalities for sanitary works, and Rs. 2,15,434 for work in connection with boring for sub-artesian water.

The following were the more important works in connection with water supply: improvements to Karachi water works at a cost of Rs. 1,92,858: two new settling tanks at Hyderabad: an emergency water supply for the Kirkee cantonment at a cost of Rs. 1,40,147: progress on the Ahmednagar water supply, expenditure during year Rs. 1,54,358.

Minor drainage works were carried out in Karachi, Hyderabad, Poona, Alandi, and Dhond. Boring operations for artesian water supplies were in progress in Kaira, Dhobra, Bavla and Nadiad, while in five places bores were put down to ascertain the possibilities of water supplies or to test for foundations.

## BURMA.

170. The total expenditure of municipalities on sanitary works during 1918-19 was Rs. 53,15,909, of which Rs. 18,25,413 were spent on water supply, Rs. 15,52,872 on conservancy, Rs. 5,58,154 on drainage and Rs. 13,79,470 on other sanitary works.

Progress was reported with regard to 17 water supply and 13 drainage projects. Thirty bazaar schemes were examined and reported on.

Out of a total recurring grant of 7 lakhs during the financial year 1919-20 Rs. 17,745 were spent on jungle clearing in three towns, Rs. 52,860 on coolies shelters and drainage improvement in Rangoon and Rs. 418 on tube well in Henzada.

The total aggregate income of the District Boards was Rs. 90,25,002 : of this Rs. 5,13,957, or 5.6 per cent. were expended on sanitary works. Water supply claimed Rs. 34,759; drainage Rs. 7,436; conservancy Rs. 2,01,571, and other sanitary works Rs. 2,70,191.

171. *Sanitary Board.*—The Board met twice during the year, once at Mergui, and once at Namtre.

## MILITARY WORKS.

172. During 1919-20, there was a decrease in the expenditure on ordinary original military works, *vis.*, drainage, conservancy, water supply, hospitals, etc., Rs. 11,58,809, compared with Rs. 12,17,155 in 1918-19. Of this sum, above four lakhs were spent on water supply and Rs. 5,93,674 on hospitals. The expenditure on repairs excluding hospitals was Rs. 16,95,337 against Rs. 9,92,997 in 1918-19. On special military works under the same heads a sum of Rs. 28,80,146 was expended as compared with Rs. 12,27,971 in the previous year.

BURMA

The total expenditure of the Government of Burma for the year 1912-13 was Rs. 2,54,15,000, of which Rs. 1,71,15,000 was provided by the Government of India and Rs. 83,00,000 by the Government of Burma.

The total revenue of the Government of Burma for the year 1912-13 was Rs. 2,54,15,000, of which Rs. 1,71,15,000 was provided by the Government of India and Rs. 83,00,000 by the Government of Burma.

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## SECTION VIII.

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# GENERAL REMARKS.

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173. Progress during the year was undoubtedly hampered by the shortage of medical personnel due to military needs and the necessity of giving officers leave after the strain of the previous years. The Conferences held in 1919, and which received notice in the report for 1918, paved the way for advance; some action has already been taken on the recommendations made. Thus, the modifications in the statistical statements took effect from the 1st January 1920: weekly statements relating to the prevalence of the chief epidemic diseases and to vital statistics in the chief towns are issued: in some Provinces the Sanitary Commissioner and his Deputies have been appointed additional inspectors under the Indian Factories Act; and the question of the formation of Health Boards is under consideration.

The "yellow fever" danger brought into prominence the faulty provision at the principal ports for dealing with the introduction of infection by shipping. The Government of India appointed a Committee to deal exhaustively with the subject, and this Committee met in February 1920. The resolutions passed by this Committee have been accepted by the Government of India and will bear fruit in future.

It will be noticed that the Committee also dealt with the prevention of the exportation of the infection of bubonic plague through plague infected rats. This was necessitated by the comparatively frequent occurrence of plague on ships arriving in foreign countries. The history of two voyages is detailed as being of exceptional interest.

The S. S. "Nankin" left Bombay on May 3rd, 1919 after a stay in Bombay of 17 days. The cargo consisted of seeds and sundries. Between the 5th and 7th idem a fireman went sick. As plague was suspected the fireman and another man were removed at Aden. The disease was subsequently shown not to have been plague. The ship remained in London from May 30th to June 26th, during which period the health of the crew was good. Many healthy looking rats were caught or killed during this period. Between London and Marseilles one dead rat was caught in a cage. On leaving Marseilles on July 6th the first definite evidence of unusual rat mortality was obtained, and the first human case of plague occurred on July 10th. The possibilities were an infection of the rats at Bombay, Port Said or London. If Bombay gave the infection, the infection must have remained latent for some two months.

The S. S. "Moora" left Bombay on May 1st, 1919, after a stay of 15 days in port. She was used as an ambulance transport, and arrived in London on June 18th, where she lay ahead of and at the same wharf shed as the S. S. "Nankin." On June 20th she left for Gravesend and sailed from Gravesend on July 2nd. No evidence of dead rats was

obtained, but on July 10th a human case of plague was discovered. Here again if infection was taken on board during the stay in Bombay the latent period was over two months.

With the facts at their disposal the Committee concluded that the prevention of the access of rats to ships is under present times impracticable, and that the protection of ships from rat plague depends mainly on the efficient periodic deratisation of ships, provided that a suitable gas for fumigation is found and that efficient ventilation of the holds of ships is secured.

Lieutenant-Colonel Glen Liston, C.I.E., I.M.S., has for years been working, with funds provided by the Indian Research Fund Association, on a machine for the use of hydrocyanic gas; during a deputation to England he perfected his machine, and the Government of India have allocated funds for the purchase of sufficient machines for an efficient trial.

### LABORATORIES.

#### THE CENTRAL RESEARCH INSTITUTE, KASAULI.

174. Lieutenant-Colonel W. F. Harvey, I.M.S., held charge throughout the year.

Major Cunningham, I.M.S., Assistant Director, on appointment in March as Director of the King Institute of Preventive Medicine at Guindy was relieved by Major Cragg, I.M.S. Major Christophers, C.I.E., O.B.E., I.M.S., took the place of Major H. C. Brown, C.I.E., I.M.S., who left Kasauli on combined leave in October. The special sections of the Institute remained closed for want of officers to hold charge. The staff was mainly occupied during the year in the preparation of vaccines and antisera.

The issues of prophylactic vaccines were greatly in excess of the previous year, and reached 2,786,415 c. cs. for cholera, 1,290,966 c. cs. for T. A. B. and 1,055,726 c. cs. for influenza. The total excess over the 1918 issue being more than two million c. cs. In addition curative vaccines were prepared, and the usual routine work in connection with the supply of cultures and materials for serological tests and the pathological examination of material was conducted.

106,080 c. cs. of antivenene, 3,700 c. cs. of normal horse serum and 676 c. cs. of high titre agglutinating sera were issued. These issues were also in considerable excess over 1918.

The expansion in the issue of vaccines absorbed the available accommodation in the Institute and extensions are urgently required. Plans for extensions have been drawn up and funds have been allotted.

The heavy routine duties naturally handicapped the limited staff in carrying out original research. The following papers, published in the Indian Journal of Medical Research indicate the problems with which the members of the staff were able to deal:—

*I.—By Lieutenant-Colonel W. F. Harvey, I.M.S.*

- (a) The Tinturometer, an Instrument for measuring Tint and Turbidity.
- (b) Measurement of Bacterial Content in Fluid Suspension.

*II.—By Dr. K. R. K. Iyengar, Assistant Director.**(a) Studies in the value of Wassermann Test.*

*No. 1.*—Frequency of a positive reaction in an unselected adult male Indian population.

*No. 2.*—Significance and value of a positive Wassermann reaction in leprosy.

*(b) Note on the presence of acid fast bacilli in the blood of lepers.**(c) A rapid method of producing hæmolytic serum against human, sheep and goat erythrocytes.**III.—By Major F. W. Cragg, I.M.S., Assistant Director.*

A Contribution to Our Knowledge of *Entamoeba Coli*.

*IV.—By Major J. Cunningham, I.M.S.*

Note on the preparation of a purified agar powder with increased powers of filtration.

*V.—By Major H. C. Brown, C.I.E., I.M.S.*

Further observations on the standardisation of bacterial suspensions.

*VI.—By Mrs. D. Norris.*

A further note on the preparation of culture media suitable for the growth of organisms used in vaccines.

*VII.—By Lieutenant-Colonel Harvey, Major Brown, and Major Cunningham.*

Note on the production of influenza vaccine.

Major Cragg is engaged on the examination of rat fleas to determine their species and to obtain data for their seasonal prevalence in special reference to the immunity of certain areas from epidemics of plague.

During the year the Government of India decided to issue prophylactic vaccines for cholera, the typhoid group, and influenza at the almost nominal price of two annas per c.c. This decision is likely to have important results in popularising the use of these vaccines among civil communities.

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THE BOMBAY BACTERIOLOGICAL LABORATORY.

Lieutenant-Colonel Glen Liston, C.I.E., I.M.S., Director of the Laboratory, left on March 9th on leave to England and on that date Major J. C. G. Kunhardt, I.M.S., assumed acting charge.

*Plague work.*—Owing to the lessened incidence of plague the output of anti-plague vaccine fell to 1,011,175 doses from 1,543,099 in 1918. Each dose of vaccine is reckoned as 4 c.c. About 44 per cent. of the output was despatched to countries outside India. Major J. Taylor, D.S.O., I.M.S., wrote an interesting report on the efficacy of anti-plague inoculation in Baghdad. The

epidemic was more severe in the eastern portion of the city, in which 56,997 persons were inoculated and 72,803 remained uninoculated. The attack rate among the latter was 33 per 10,000, and among the former 3 per 10,000. The death rate among uninoculated was 26·8 per 10,000; while among the inoculated it was only 1·3.

The total number of rats received from the Health Department of the City of Bombay came to 778,641; of these 544,348 were dead on arrival. 394,420 of the latter were examined for plague and 6,801 were found to be infected.

Functioning as a provincial bacteriological laboratory a large amount of routine work in the examination of pathological fluids, discharges and tissues of water, food stuffs, etc., was carried out.

The brains of 148 dogs and other animals were examined for rabies, and a positive result was obtained in 95.

*Vaccines.*—37,525 doses of cholera: 164,965 doses of T. A. B.: and 50,750 doses of influenza vaccines were prepared. Autogeneous vaccines were prepared for 101 cases.

Venom was collected periodically from cobras, and Russel's vipers for despatch to Kasauli.

*Research.*—The time of the staff was occupied mainly with influenza.

Lieutenant Colonel Glen Liston, before going on leave, prepared a report in which he demonstrated the probability of one attack of influenza conferring some immunity against a second attack.

The Enteric Depot which had been opened in the laboratory buildings in July 1916 was closed in February 1919. During this period more than 2,000 patients were treated and examined. 49 carriers were detected. 13 of these were definitely chronic and 36 ceased to be carriers within six months of the commencement of illness. The majority of carriers were of B. Paratyphosis "A".

*Educational.*—Special demonstrations were arranged for students of high schools, training colleges, etc., and a number of sets of lantern slides on plague, tuberculosis and guineaworm were issued.

#### THE KING INSTITUTE, MADRAS.

##### (Microbiological Section.)

On the 1st April Major J. Cunningham, I.M.S., took over charge of the Institute from Dr. F. Maitland Gibson.

*Bacterial vaccines.*—98,267 doses were supplied including 47,545 c. cs. of cholera and 35,499 c. cs. of influenza.

427,063 c. cs. of influenza vaccine were prepared for issue should occasion arise for its use.

3,458 specimens were received for bacteriological examination and diagnosis. These included 54 fœtera for examination for spirochætes. A positive result was obtained in 11 instances. Towards the close of the year an attempt was made to correlate the findings with the examination of the mother by means of the Wassermann reaction. This showed that the failure to find spirochætes in the fœtera does not necessarily negative syphilis.

*Research.*—No research work was undertaken owing to the demands made by routine duties on the time of the staff.

*Public health functions.*—The routine duties consisted of the examination of samples of food, drugs and water. The water supplies of the Presidency are sampled once in each half-year. Research was continued into the effect of reducing the layer of sand in sand filters. The topmost layer was reduced to 12 inches with satisfactory results by the introduction of a layer of flat tiles between the two grades of sand. The effects of storage and sunlight were also investigated: it was found that the maximum reduction is reached either before or about the 8th day. No difference was noted between the combined action of sunlight and storage and storage alone.

#### PASTEUR INSTITUTE OF INDIA, KASALI.

6,509 persons received a full course of treatment, an increase of 829 over the previous year. Of those who received treatment 87 or 1·34 per cent. contracted the disease. Of these 18 died during the course of treatment. The failure rate was 0·68 per cent.

In the case of 446 persons, chiefly Europeans, treatment was not considered necessary.

During the year a batch of 28 Armenians who had been bitten by a jackal in Mesopotamia arrived for treatment 15 days after being bitten. Of these 16 had been bitten on the face. 5 died, two while under treatment, one within 15 days of discharge, and two subsequently. It is stated that 18 other persons, who did not come for treatment were bitten at the same time; of these 11 died. A trial was made of Tetrodotoxin in the treatment of cases of hydrophobia. The drug does not appear to prolong life, but is efficacious in allaying the spasms and giving the patient relief.

#### PASTEUR INSTITUTE OF SOUTHERN INDIA, COONOR.

The number of patients treated at this Institute from 1st March 1919 to 29th February 1920 was 3,172, which shows an increase of 347 over the previous year. Of these 24 died 15 or more days after the completion of treatment and are classed as failures giving a rate of 0·75 per cent.

There were 60 patients who, for various reasons did not complete the treatment and are, therefore, excluded from the above figures. 233 persons who came for treatment were sent back without being treated as they were considered to run no risk of infection.

Since the opening of the Institute in 1907, 18,430 patients have been treated, and the rate of failure works out at 0·74 per cent. Inquiries on the mortality due to rabies continued during the year. Of 186 persons who were bitten by rabid animals and who did not undergo treatment 92 died of hydrophobia.

The following papers resulting from research carried out in the Institute were published in the Indian Journal of Medical Research.

1. The pathology of experimental rabies.
2. The pharmaco-dynamics of quinine.
3. Quinine in the treatment of malaria.

Lieutenant-Colonel Cornwall, I.M.S., Director of the Institute went on leave on 24th December and was relieved by Major W. S. Patton, I.M.S.

#### KING EDWARD VII MEMORIAL PASTEUR INSTITUTE, SHILLONG.

1,438 persons presented themselves for treatment, and 1,406 underwent the full course. Of these 7 died within 15 days of completing treatment, and 6 more than 15 days after completion. Two patients died of hydrophobia while under treatment. Of 1,406 persons 15 died of hydrophobia, that is 1.07 per cent, but in only 6 cases (0.43 per cent) could the treatment be said to have failed.

Of the total cases 1,024 were bitten by dogs, 351 by jackals : and 23 by cats.

26 per cent of the Indian patients were bitten by jackals : and 8 out of the 15 fatal cases were among these patients.

*Bacteriological Research Institute Section.*—The number of pathological specimens examined was 3,382 as compared with 2,254 in 1918.

The new 12-bed ward for kala-azar referred to in last year's report was opened in November 1919. The use made of this ward is evidence of the success and popularity of treatment by intravenous injections of tartar emetic. The course of treatment at Shillong consists of the intravenous injection of 200 cgms of tartar emetic in one per cent solution over a period of 2½ to 3 months. The results indicate the possibility of cure in 75 per cent, whereas previously 90 per cent or over died. Mrs. Adie worked throughout the year under the auspices of the Indian Research Fund Association on the possibility of the transmission of kala-azar through the bed bug.

An inquiry was made into Naga Sore of which a severe outbreak was reported in the Assam Valley and the Surma Valley during the monsoon. An organism morphologically and culturally similar to that associated with Vincent's disease has been isolated. The investigation still continues.

A cocco-bacillus was isolated from cases of epidemic conjunctivitis and a vaccine was prepared for issue.

A vaccine section was opened in July 1919. The output of vaccines during the year was as follows :—

" P. I. P. " mixed catarrhl vaccine in connection with				
influenza	...	...	...	290,807 c. c.
Cholera vaccine	...	...	...	46,560 "
T. A. B. vaccine for anti-enteric inoculation	...	...	...	1,784 "
Meningococcus vaccine...	...	...	...	750 "
Mixed Flexner-Shiga vaccine	...	...	...	265 "
Mixed Kock-Weeks-Staphylococcus vaccine in connection with epidemic conjunctivitis.				500 "

164 reports relating to the efficacy of the P. I. P. vaccine have been compiled, but no statistical conclusions are possible.

The Institute has now completed three years of active life and the question of its constitution is now under consideration.

PASTEUR INSTITUTE, BURMA, RANGOON.

The total number of patients received at the Institute during the year ending 31st March 1920 was 713 against 595 during the previous year. No treatment was considered necessary in 212 cases, while 78 failed to complete the full course. Of the remaining 423 treated cases, 148 were bitten by an animal of *proved* rabidity. No death occurred among the cases treated, nor has there been reported any failure.

The number of bacteriological and serological examinations made was 1,594 and that of histological examinations 87.

THE INDIAN RESEARCH FUND ASSOCIATION.

175. The activities of the Association continued to be interfered with by the effects of post-war conditions. The following inquiries were prosecuted during the year 1919-20.

The plague prevention inquiry at Poona under Dr. Chitre terminated in November 1919. The Scientific Advisory Board felt that time had come to put the results obtained into practice and the Bombay Government have sanctioned field experiments in Belgaum and Dharwar which are proceeding.

The inquiry into hookworm disease was continued by Dr. Mhaskar in Madras. He has been studying the life history of the parasite and comparing various methods for counting ova passed in dejecta. In conjunction with Father Caius he has been investigating the chemical composition of various drugs used for treatment. Four papers have already been published.

Mr. Awati's entomological work at Nagpur terminated on 31st October 1919, when he went on six months' leave. He has published three papers on the bionomics of house flies. Major W. S. Patton, I.M.S., is conducting special researches on entomology and protozoology.

Major Knowles, who was in charge of kala-azar inquiry in Assam, was transferred to the Calcutta School of Tropical Medicine. Mrs. Adie continued to work at the development of the parasite causing the disease in the body of the bug. Results of both workers will be published in due course.

Dr. Sudhamoy Ghosh continued his work on the preparation of various salts of unsaturated fatty acids to be tried in the treatment of leprosy. Dr. E. Muir will be engaged at Calcutta in connection with special researches into the treatment of leprosy. Dr. K. K. Chatterji is experimenting with neem or margosa oil and its derivatives and is trying copper margosate in the treatment of new growths. Further work has been done in the asylums belonging to the Mission to Lepers in connection with treatment with chaulmoogra oil and sodium gynocardate.

Lieutenant-Colonel McCarrison who was employed on investigations in deficiency diseases proceeded on leave to England in January 1920. Ten sections of his paper have been published in the Journal. The Governing Body have agreed to finance further inquiries by him in England.

Captain Malone continued his investigations into the bacteriology of influenza; and also investigated an outbreak of encephalitis lethargica in Karachi.

Major Morison was appointed to conduct an inquiry into the epidemiology of influenza in September 1919. On his departure on leave in April 1920 work was continued by Major King. A paper written by Major Morison in conjunction with Major McKendrick on "The determination of incubation periods from maritime statistics with particular reference to the incubation period of influenza" was published in the October 1919, number of the Journal.

Lieutenant-Colonel Greig went on leave in February 1919. The pathological researches in Karachi were continued in his absence by Captain Maitra, I.M.S., till January 24, 1920, when the inquiry ceased owing to the demobilisation of his hospital. Captain Maitra published a paper on "Observations on the Cultural Methods of Gonococcus".

Dr. Norris' researches terminated in November 1919. She submitted for publication a paper on "The preparation of a simplified culture media for field workers".

The investigations into the distribution of Molluscs conducted by the members of the Zoological Survey continued.

The Indian Journal of Medical Research completed its seventh year of existence. The standard of contributions received was satisfactory and is evidence of the value of the Indian Research Fund Association.

F. H. G. HUTCHINSON,

*Lieut.-Colonel, I.M.S.,*

*Sanitary Commissioner with the Government of India.*

**Appendix to section VIII.****REPORT OF YELLOW FEVER COMMITTEE.****RESOLUTIONS.**

1. The Committee believes that at the present time yellow fever does not exist in India. Certain fevers, however, sometimes associated with jaundice and closely resembling yellow fever such as malaria, relapsing fever, and icterohæmorrhagic jaundice have been reported on a number of occasions in India ; it is desirable, therefore, that the cause and nature of these fevers should be carefully investigated whenever and wherever they occur with the object of differentiating them from yellow fever.

2. The prevalence of the mosquito *S. fasciata*, which transmits the yellow fever virus and the existence of a susceptible population in the chief sea-ports of India, indicate that the introduction of this disease might be followed by sudden virulent epidemics. Such epidemics would be very difficult to control, would cause great embarrassment to coastal trade and maritime intercourse with foreign countries and would seriously interfere with recruitment and military movements at times of national emergency.

3. *S. fasciata* is present in India as in almost all maritime regions situated within the parallel  $40^{\circ}$  N. and  $40^{\circ}$  S. and all ports within such limits must be regarded in the present state of our knowledge as liable in varying degree to introduction of the disease and its dissemination. The degree of risk depends for the most part on the distribution of the disease at any selected time and on the sanitary condition of the threatened area, especially with regard to the prevalence of the mosquito *Stegomyia fasciata*. At the present time the danger is greatest in—

(a) such ports on the American seaboard (including the Amazon) lying between the parallels of approximately  $22^{\circ}$  N. and  $22^{\circ}$  S. as are not subject to effective sanitary control of the disease ;

(b) ports on the West African coast from  $15^{\circ}$  N. to  $15^{\circ}$  S.

4. The danger to India at the present time is remote, but the risk will be increased *pari passu* with the extension of the disease to ports nearer India.

5. (a) The protection of India from the introduction of dangerous epidemic diseases depends primarily on a system of early notification of the outbreak of such diseases in ports which are in maritime relation with India. Such notification from ports in Asia, Australasia and Africa should be telegraphic, and the Committee recommends that this system be adopted as soon as possible.

(b) A central public health bureau in India to collect and collate information regarding the prevalence of dangerous epidemic diseases in countries outside India and to disseminate this information to all public health authorities in India is very necessary.

6. In view of the danger to India that would result from the extension of infection from the existing endemic areas in W. Africa to the ports on the east

coast of Africa and of the increased likelihood of this on the completion of the trans-continental railway, the Committee considers that systematic efforts to stamp out yellow fever from the endemic areas in W. Africa would materially reduce the risk of infection reaching India.

7. As the safety of India depends largely on the freedom from yellow fever of ports intermediate between India and the endemic areas, it is desirable that the Governments of countries threatened by the possible extension of infection should come to a general agreement as to measures, particularly anti-stegomyia operations, which are necessary to render their ports free from the possibility of the establishment of the disease. Further, in addition to the establishment of an adequate system of inter notification of dangerous epidemic diseases, it is desirable that information should be exchanged in regard to the actual sanitary condition of all ports (including shipping) with which India is in maritime relation, and of the progress made from time to time.

8. The Committee has passed unanimously the attached port health regulations, in the drawing up of which it has been guided by the provisions of the Paris Sanitary Convention of 1912. The main departure from the Convention consists in the addition of the words "or if it has lain at an infected port within 18 days of arrival" to the definition of a suspected vessel.

In the light of existing knowledge it is not possible to lay down the exact period of time during which a ship exposed to invasion by infected mosquitoes must be considered to be a source of danger. Pending more complete enquiry the Committee does not consider it advisable to make this less than the eighteen days generally recognised as necessary to detect cases arising from infected mosquitoes that may be taken on board at an infected port. This brings the modified regulation into line with the definition of the Paris Convention that a place shall not be declared free from yellow fever for 18 days after isolation, death or recovery of the last case of yellow fever.

9. The Committee is of opinion that the existing arrangements in the main ports of India are wholly inadequate to prevent the introduction of dangerous epidemic diseases, and considers that at each of the important ports of ocean call a sanitary station should be established providing facilities for—

- (a) moorings for infected or suspected ships,
- (b) the isolation of the sick and observation of persons who do not receive pratique,
- (c) fumigation and disinfection.

As article 42 of the Paris Convention lays down that "every country must provide at least one port on each of its seaboard" with such facilities the Committee recommends that, in accordance with this article, the minimum immediate requirements of India necessitate the establishment of such fully equipped stations at Bombay, Calcutta and Rangoon. The Committee thinks that consideration should be given at once to the possibility of increasing the number of ports so equipped. If it should be found impracticable to equip fully and at once a larger number of ports than specified, it is still desirable that less elaborate schemes should be formulated and that those schemes should be so planned as to be capable of ultimate expansion. Having regard

to the facts that with a voyage of 18 days' duration ships may enter the ports of India from a considerable portion of the eastern hemisphere, and that it is by no means impossible that some port or ports in this area, and on the East African coast in particular, may at any time be notified as infected, it is essential that the possibility of all Indian ports being ultimately called upon to deal with yellow fever infected ships should be borne in mind.

10. The Committee is of opinion that no possible advantage is to be gained from the establishment of sanitary stations on islands distant from the ports they have to serve. Moreover, stations of this kind would prove to be most unsuitable because (a) few islands can be found which are so situated as to be free from danger to shipping during the cyclone season; (b) the enforcement of the regulations would necessitate the detention of the ship for at least seven days which would seriously interfere with trade; (c) any measures short of observation for the full period would involve the risk of cases developing during the voyage between the island station and the port of destination and render necessary a second station at the port of destination or a return for further treatment at the island station.

11. (a) In recommending sites for sanitary stations, the Committee has given consideration to—

- (1) possible interference with navigation of vessels,
- (2) convenience of access so that there is the minimum delay to shipping and inconvenience to passengers,
- (3) the safety of the sea port town from infection from the sanitary station,
- (4) the conditions and surroundings of the site itself so far as they affect the health of the inmates.

These points limit selection, and the committee finds that there is but one site in each of the three specified ports which satisfies all requirements—Butcher Island in the case of Bombay; the Rajabaria site in Calcutta; and the present segregation camp in Rangoon—and strongly recommends the acquirement of these three sites for the establishment of sanitary stations.

(b) Butcher Island is at present occupied by a wireless station and an ammunition depot. The Committee considers that, although immediate removal is not essential, arrangements for their removal at the earliest possible time is desirable.

Comparatively small alterations and repair of the existing buildings would fit the island for early use as a sanitary station, provided plans are completed for the rapid extension of accommodation should this appear likely to be necessary and measures are taken to reduce *stegomyia* infestation to a minimum. The Committee considers that the details should be worked out locally.

(c) The selection of the Rajabaria site for a sanitary station capable of dealing with yellow fever infected ships is, in the opinion of the Committee, contingent on the acquirement in the first instance of sufficient land. The Committee recommends that the whole river frontage between the Indo-General dockyard and the South Union Jute mill to a depth of about 440 yards be

acquired. Extensive clearing of the land is necessary with a view to the carrying out of measures for keeping the area as free from the *stegomyia* mosquito as is possible. Plans for the necessary buildings are being prepared locally and should be completed as early as possible.

(d) The site on which the segregation camp near Rangoon now stands is low lying and unsuitable for buildings. The Committee considers that reclamation is necessary, and that the area to be acquired and reclaimed should extend from the match factory to the telegraph hut, and to an average depth of 600 yards from the river frontage. The whole of this area would not be required for the buildings in connection with the sanitary station, but the Committee is of opinion that it is advisable to acquire and reclaim sufficient land to secure an area free from buildings around the sanitary station and to insure its freedom from mosquitoes.

(e) The Committee considered in detail alternative sites for all three ports. In Calcutta owing to difficulties connected with navigation there is no alternative site which can be utilised for a sanitary station intended for all epidemic diseases, including yellow fever. In Bombay there is one alternative site, a portion of Hog Island, but the selection of this would lead to inconvenience to passengers and delay to the shipping, and there is also a possibility that malaria might become a serious factor. In Rangoon a good site could be secured at Elephant Point for dealing with yellow fever ships only; but the treatment of vessels infected with other diseases at this site would involve grave inconvenience to shipping, while the absence of good communication with Rangoon by road or rail presents a serious difficulty which could only be met by heavy expenditure.

12. The Committee considers that the expenditure involved in fitting up a sanitary station will be materially reduced if arrangement be made with the sanitary authority concerned for the admission of persons suffering from epidemic diseases into the infectious diseases hospital maintained by that authority. The Committee is, however, of opinion that each important sanitary station should include a protected building providing accommodation for four yellow fever patients, and a separate protected building for the observation of ten yellow fever suspects.

13. The previous resolutions have been drawn up after consideration of the suggestion to accommodate yellow fever cases, suspects and contacts in specially fitted-up hulks. The Committee is of opinion that a land site is infinitely preferable, because the accommodation on a hulk is limited by the capacity of the hulk and is incapable of expansion at short notice to meet a sudden demand. Moreover, the expense in maintaining these hulks will be considerable and it is conceivable that they may be under repair when an emergency arises.

14. In view of the possibility of Government deciding that sanitary stations should be established in the near future in connection with the ports of Madras and Karachi, the Committee recommends that the land sites necessary for these stations be acquired now. The Committee does not feel justified with the information at its disposal in making a definite selection, but it appears that in the case of Madras the selection will be limited to ground between Tiruvut-your and Ennur.

15. (a) In addition to these five main ports there are on the coast line of India some 196 ports, 104 of which are in the Madras Presidency and 75 in the Bombay Presidency. In the case of some of these ports vessels, the majority of which appear to be sailing ships, trade with ports in the Straits Settlements and in East Africa. The Committee recommends that a sanitary survey of these ports, including accurate information relating to the trade relations of each and mosquito infestation be made at an early date. It will then be possible to decide to what extent these ports contribute to the risk of the introduction of dangerous epidemic diseases, especially yellow fever, to India, and what measures are necessary to meet such danger.

(b) The Committee also considers it desirable that the whole question of coastal traffic by ship between various Indian ports and estuaries requires careful investigation with a view to devising means for checking the possibility of the spread of dangerous epidemic disease.

16. The Committee is of opinion that the most effective method of protecting the ports of India from yellow fever is to keep them as free as possible from stegomyia mosquitoes, and that it is undesirable to separate the work required for the reduction of stegomyia from that of mosquito reduction generally. Mosquito control can only be carried out by a properly directed organisation working under a legally constituted sanitary authority. The Committee, therefore, recommends that Government legislates—

- (1) to appoint a sanitary authority for each port,
- (2) to establish a properly directed organisation for the control of mosquitoes in each of the larger sea-port towns,
- (3) to provide for contributions from Government revenues towards the cost of these schemes,
- (4) to secure the efficient carrying out of these schemes in the event of failure on the part of any local authority.

The Committee recommends that Government require each local authority in the sea-ports to prepare schemes for the control of mosquitoes. For the sake of efficiency as well as economy it is desirable that adjoining local authorities should prepare a conjoint scheme. An essential feature in the success of a scheme is the appointment of a special officer for the control of the operations. When the scheme has been approved by Government, the local authorities will be eligible for the financial assistance provided by legislation. With a view to meeting technical difficulties which arise in the execution of these schemes and for guidance in carrying them out, it is very desirable that the services of the experts attached to the Central Bureau of the Central Research Institute should be placed freely at the disposal of the sanitary authorities. These officers should have power to inspect the anti-mosquito work carried on in the ports and port towns and will thus be in a position to advise Government on the progress and efficiency of the work. Should it become evident to Government that their contribution to any scheme is not being spent to the best advantage, it shall be open to Government to assume control of the operations, the defaulting local authority still continuing to pay its share of the expenditure.

17. The Committee desires to endorse the opinion expressed in paragraph 22 of the Report of the Committee to consider Port Sanitary Administration in England, and to state emphatically that in the reduction of the infestation of vessels with rats reliance should be placed primarily on—

- (a) properly organized rat campaigns on land ;
- (b) periodic fumigation of vessels with holds empty.

The Committee recommends that every vessel trading between India and European, American and Australasian ports be fumigated when the holds are empty once on every round voyage. It understands that some shipping companies at the present time have made arrangements for this procedure.

18. In connection with the fumigation of ships, and with special reference to the possible fumigation of ships with holds full for destruction of mosquitoes, the Committee points out that at the present time the only available machine is the Clayton apparatus for sulphurous acid gas, which cannot be used without damage to certain cargo. The Committee has read the note on fumigation with hydrocyanic gas written by Lieutenant-Colonel Glen Listen, C.I.E., but, pending the result of further experiments, cannot express a definite opinion with regard to the general adoption of this method of fumigation. Whatever gas is used in the future for the fumigation of ships, the Committee wishes to lay emphasis on the necessity for greater attention being paid to the through ventilation of all holds. Without through ventilation of the cargo it is impossible to fumigate efficiently a loaded ship, A note by Colonel Glen Listen on the ventilation of ships is attached.

19. (a) In resolution No. 15, the Committee has called attention to the number of coastal towns in India defined as ports in the schedule attached to the Indian Ports Act of 1908, and to the fact that some of these ports have trade relations by sea-going vessels with ports in the Straits Settlements and East Africa. Should these latter ports become infected with yellow fever in the future, the danger of unprotected ports on the coast of India in maritime relation with them does not need elaboration. It is clearly impracticable to provide sanitary stations at all these ports, and the Committee is of opinion that Government should have the power to declare fully equipped ports as first ports of entry for vessels infected with dangerous epidemic disease. The Committee suggests legislation on the lines of the following sections of the Quarantine Act of the Commonwealth of Australia :—

*Section 13 (1).*—The Governor-General may, by proclamation,

- (a) declare any ports in Australia to be first ports of entry for oversea vessels.

*Section 13 (I-A).*—The power to declare first ports of entry shall extend to authorise the declaration of a port to be a first port of entry for all oversea vessels from any particular place or for any class of oversea vessels.

*Section 20.*—The master of an oversea vessel arriving in Australia shall not, unless from stress of weather or other reasonable cause, suffer the vessel to enter any port other than a port declared to be a first port of entry.

*Penalty.*—Five hundred pounds.

*Section 77.*—A pilot shall not, unless compelled by stress of weather or other reasonable cause, conduct a vessel subject to quarantine into any place other than the proper place for a vessel so subject.

*Penalty.*—Fifty pounds.

*Section 78.*—The master of an oversea vessel who, knowing that any quarantinable disease exists on his vessel, suffers his vessel to enter a port, other than a port declared to be a first port of entry, shall be guilty of an indictable offence, unless he proves that it was necessary for the vessel to enter the port for the purpose of saving human life.

*Penalty.*—Three years' imprisonment.

(b) Captain Froilano de Mello suggests that foreign Governments possessing ports in India, which are not provided with sanitary stations equipped for the reception of patients suffering from yellow fever, should be asked to make special arrangements whereby vessels suspected to be infected with yellow fever and bound for one of these ports should be forced to call at a port possessing an efficiently equipped sanitary station where it would be dealt with, before proceeding to its original port of destination.

20. The Committee feels strongly that the defence of India from the introduction of dangerous epidemic diseases depends primarily on the sanitary surveillance exercised over vessels during their stay in infected ports with which India is in maritime relation, and that if absolute confidence could be placed on the efficiency of this surveillance, and on skilled and reliable medical supervision throughout the voyage, there could be considerable relaxation of the measures to be employed on the ship's arrival.

Bills of Health are designed to supply information relating to the sanitary condition of the port and of the vessel on departure, but these Bills vary in form and in value. The Quarantine Act of the United States of 1893 authorises the President "to detail any medical officer of the Government to serve in the office of the consul at any foreign port for the purpose of furnishing information and making the inspection and giving the Bill of Health." The Paris Convention resolved that "the Governments should confer together with a view to regulate Bills of Health." Should such a system of mutual trust and assistance between nations be impossible, it should be feasible within the British Empire. Failing such arrangement the Committee recommends that should yellow fever appear within eighteen days' sail of India, the action taken by the United States Government under the Quarantine Act of 1893 should be followed by the Government of India.

21. The Committee supports the suggestion of the Government of Bombay that section 6 of the Indian Ports Act should be amended so as to permit of the inspection of vessels and the taking of measures whereby the breeding of mosquitoes shall be prevented.

### REGULATIONS.

A vessel shall be regarded as infected if there is yellow fever on board, or if there has been a case on board within seven days of arrival.

A vessel shall be regarded as suspected if there has been a case of yellow fever on board at the time of departure or during the voyage, but no fresh cases within seven days, or if it has lain at a port infected with yellow fever within 18 days of arrival.

A vessel shall be regarded as healthy if there has been no case either at the time of departure or during a voyage which has lasted at least 18 days and which has not touched at an infected port within 18 days of arrival.

1. There shall be medical inspection of every vessel which has started from or during the voyage called at a port infected with yellow fever.

2. In the case of infected vessels the following measures shall be taken :—

- (a) The sick shall be disembarked under protection from the bites of mosquitoes, and shall be efficiently isolated.
- (b) There shall be a visual and thermometer inspection of all other persons on board, and any person exhibiting a rise of temperature above 99.4° F. shall be treated as under (a).
- (c) The remaining persons shall be disembarked and kept under observation during a period which shall not exceed six days from the time of arrival.
- (d) The vessel shall be moored if possible at least 220 yards from the shore, and from other vessels and harbour boats.
- (e) The vessel shall be fumigated for the destruction of mosquitoes before the discharge of cargo, if possible. If fumigation be not possible before the discharge of the cargo, the discharge of cargo shall be under the supervision of the Port Health Officer, and may be permitted if the persons employed in unloading are kept under observation during the discharging of cargo and for six days, to date from the last day of exposure on board.

3. A suspected vessel shall undergo the measures laid down under 2 (d) and (e) before the granting of pratique provided that in the case of a vessel which, in the opinion of the Port Health Officer, has been efficiently fumigated at the time of departure from the infected port or subsequently, further fumigation on arrival shall be unnecessary.

2 (c) shall be applied in the case of all vessels which have been less than 18 days on the voyage provided that the period of detention of passengers and crew does not extend beyond the 18th day after departure from the infected port, and is subject to a maximum of six days under observation and provided that, if the vessel has been efficiently fumigated since last leaving an infected port, the period of observation shall count from date of fumigation.

4. A healthy vessel shall be granted full pratique subsequent to medical inspection.

#### **A NOTE ON THE FUMIGATION OF SHIPS.**

There are two important matters with which everyone who has to deal with the fumigation of ships must be familiar—(1) the division of ships into bulkhead compartments and (2) the ventilation of ships.

*Bulkheads.*—The term bulkhead is used indifferently for all vertical partitions in a ship. Bulkheads serve three useful purposes :—

- (1) they serve as water tight divisions,
- (2) they serve as fire screens,
- (3) they serve as structural diaphragms.

Bulkheads must extend well above the sea level. Lloyds rules regarding bulkheads may be summed up as follows :—

Steamers under 220 feet in length require only a collision and after peak bulkhead the machinery space which is always enclosed between bulkheads giving four or three according as the machinery is amidships or at the stern.

A steamer more than 220 feet must have at least four bulkheads.

A steamer 285 feet long and under 335 feet must have five bulkheads.

A steamer 335 feet long and under 405 feet must have six bulkheads.

A steamer 405 feet long and under 470 feet must have seven bulkheads.

A steamer 470 feet long and under 540 feet must have eight bulkheads.

A steamer 540 feet long and under 610 feet must have nine bulkheads.

A steamer 610 feet long and under 680 feet must have ten bulkheads.

The Bulkhead Committee of 1912 have decided that no compartment in any vessel should be longer than 92 feet and that none should be shorter than 10 feet except the fore-peak in vessels shorter than 200 feet. As regards the sub-division of vessels to prevent the spread of fire the International Convention for the safety of fire at sea requires that in passenger vessels the hull above the bulkhead deck shall be divided by fire proof bulkheads placed not further apart than 131 feet and that all openings in these bulkheads shall be provided with fire proof doors.

As a general rule the watertight bulkheads cut off entirely the adjoining compartments so that to pass from one to another a man must go on deck and descend the hatchways. A direct communication may be established by fitting watertight doors in bulkheads. These doors can always be effectively closed. All ships, therefore, can be fumigated in sections which are not generally longer than 100 feet.

*Ventilation.*—The arrangements for ventilating the different compartments of a vessel vary greatly. In high class vessels elaborate ventilating arrangements may be made, but in other vessels the arrangements may be quite elementary. Many cargoes are of such a nature as not to be effected by or themselves affect the condition of the air surrounding them and in such cases whether or not the holds are ventilated does not matter. Delicate cargoes, however, such as grain and fruit, which are apt to decompose, require a constant supply of fresh air for their preservation, particularly if they are to be long confined in the hold.

In cargo steamers at least one cowl ventilator is fitted at each end of each hold, the one serves as a downcast and the other as an uptake. In many

cases two pairs are provided in each hold. If through ventilation of the cargo is required, one of the two ventilators must be extended to the bottom of the hold, for when both stop at the deck the fresh air, choosing the shortest route to the outlet, passes straight fore and aft over the top of the cargo and leaves comparatively undisturbed air at the bottom of the hold; but this is rarely done for with most cargoes surface ventilation is found to be sufficient. Ventilation for bulk cargoes liable to heat such as rice is often provided by interposing in the midst of the bales or bags a sort of open work of tubes roughly made of wood about ten feet long by nine inches square. These tubes are placed vertically and horizontally at intervals among the cargo so as to allow air to pass in all directions. With grain and other cargoes requiring very thorough ventilation a trunk way having air holes in its side is led fore and aft at the bottom of the hold and a downcast ventilator is led into it so that the air passing along the trunk way and escaping by the apertures may be distributed all over the bottom of the hold; a similar arrangement has been adopted to distribute cold air in holds which carry frozen meat.

Our present knowledge of such important epidemic diseases as plague and yellow fever goes to show that their spread to healthy ports can only be prevented if a ship and its cargo can be thoroughly fumigated. Through ventilation of the cargo (on some system such as that described above) is necessary if a ship is to be satisfactorily fumigated without unloading it. In the majority of ships a simple modification of the existing arrangements to effect through ventilation of the cargo could easily be devised. The attention of Government should be drawn to the fact that while rules have been made and are enforced for the ventilation of all parts of ships used by passengers or crew, no attention has been paid to the ventilation of those parts of a ship in which cargo is stored. While such rules are unnecessary for the preservation of cargoes, they are required in order that an infected ship may be fumigated without removing the cargo. The danger of communicating infection to a healthy port by an infected ship which cannot be fumigated before unloading is very great, and the cost of unloading a single ship for this purpose would more than pay for the constructional modifications of the existing arrangements for ventilating the hold to effect through ventilation of the cargo in many ships.

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# APPENDICES

TO THE

Annual Report of the Sanitary Commissioner  
with the Government of India

FOR

1919.

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229DGIMS

A.—Groups.	Years.	*Average strength.	Constantly sick.	†Invaliding.	A.—				
					Influenza.		Cholera.		Small
					A.	D.	A.	D.	A.
Group I.—Burma Coast and Bay Island.	1909—1918	1,210	41	12·4	12·2	·06	...	...	0·4
	1918	1,309	57	13·2	67·8	·23	...	...	...
	1919	957	58	89·9	38·7	...	...	...	4·2
" II.—Burma Inland	1909—1918	1,240	36	5·2	8·2	·40	...	·08	...
	1918	1,347	35	24·5	70·5	3·71	...	...	...
	1919	594	35	25·8	71·4	1·93	...	...	...
" IV.—Bengal and Orissa...	1909—1918	1,748	40	18·5	17·7	·17	0·4	·06	0·2
	1918	1,715	61	32·1	173·8	1·75	...	...	...
	1919	1,275	49	113·7	51·0	...	0·8	...	0·8
" V.—Gangetic plain and Chutia Nagpur.	1909—1918	5,168	36	14·5	30·4	0·41	1·3	·46	0·5
	1918	4,582	49	26·2	230·5	4·58	0·2	...	2·4
	1919	3,477	35	58·1	48·9	...	...	...	2·6
" VI.—Upper Sub-Himalaya	1909—1918	13,243	40	10·7	34·9	1·51	0·5	·27	0·4
	1918	15,110	59	15·2	269·7	13·24	1·0	·33	2·3
	1919	11,180	61	47·8	4·5	·18	0·4	·18	2·1
" VII.—North-West Frontier, Indus Valley and North-Western Rajputana.	1909—1918	5,753	42	11·7	49·7	2·01	0·2	·07	0·2
	1918	8,104	48	12·2	264·3	14·56	...	...	0·9
	1919	7,401	38	28·4	5·7	·41	0·1	...	5·8
" VIII.—South-Eastern Rajputana, Central India and Gujarat.	1909—1918	5,191	38	12·3	30·8	1·12	0·1	·10	0·7
	1918	4,835	47	16·9	295·0	11·92	...	...	0·8
	1919	4,213	35	47·7	3·6	...	0·7	·24	5·5
" IX.—Deccan	1909—1918	11,413	39	18·6	38·3	·90	0·7	·25	0·4
	1918	18,299	69	37·1	217·1	5·60	2·7	1·09	1·4
	1919	11,496	48	122·5	12·2	·09	0·3	·35	2·9
" X.—Western Coast	1909—1918	1,679	56	18·6	60·8	·60	1·1	·42	1·1
	1918	2,311	103	38·5	375·6	4·33	5·6	1·73	4·6
	1919	1,955	122	91·6	262·4	1·53	4·3	1·33	1·0
" XI.—Southern India	1909—1918	4,028	37	10·7	30·5	1·84	0·2	·07	0·5
	1918	9,292	48	17·2	120·7	7·96	0·4	·11	1·2
	1919	3,126	50	178·2	61	...	...	...	4·2
" XII (a).—Hill Stations	1909—1918	11,211	30	9·6	24·0	·08	0·1	·03	0·1
	1918	11,629	44	24·3	198·1	0·46	0·1	...	0·2
	1919	4,200	53	46·3	35·1	·70	...	...	1·6
" XII (b).—Hill Convalescent Depôts and Sanatoria.	1909—1918	3,804	50	11·8	23·5	1·10	0·1	·08	0·2
	1918	5,008	72	15·0	185·2	8·30	0·2	...	0·4
	1919	1,898	53	74·7	8·8	...	...	...	...
India	1909—1918	69,299	38	12·5	32·4	1·12	0·4	·19	0·4
	1918	87,982	60	22·8	219·5	8·81	1·0	·42	1·3
	1919	56,561	57	76·4	25·2	·25	0·4	·19	3·1

\* Decennial ratios are worked on the total strength of the ten-year period.  
 † From 1909-1918 and worked on aggregate strengths of that period.

## TABLE OF STRENGTH.

	Enteric fever.		Malaria.		Pyrexia of uncertain origin.		Pneumonia.		Dysentery.		Venereal diseases.		All causes.	
	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	
07	'08	101.7	'17	77.0	'08	1.7	'17	8.3	'17	81.8	'25	742.3	6.36	
08	...	137.3	...	...	...	5.0	...	24.8	'83	80.2	...	979.8	6.02	
10	...	81.5	...	...	...	3.1	...	20.9	...	80.5	...	1,202.7	7.51	
12	'16	83.3	'81	32.1	...	1.2	'16	7.0	'48	97.3	...	625.3	5.00	
13	...	129.2	5'20	1.5	...	0.7	...	8.9	1'48	100.2	...	700.7	17.82	
	...	95.2	...	...	...	6.0	...	11.9	...	150.8	...	720.2	3.97	
29	'46	94.6	'46	36.6	...	1.5	'29	9.2	'46	107.8	'06	691.1	8.24	
04	'38	153.4	1'75	...	...	1.2	...	9.9	1'75	165.6	...	1,071.1	13.41	
08	...	185.9	...	...	...	7.1	3'14	11.8	1'57	156.9	...	1,195.3	13.33	
81	'80	54.9	'08	48.0	'06	3.5	'54	7.9	'35	57.0	'02	642.7	6.73	
83	'85	47.4	...	2.2	...	3.3	'44	10.0	'22	51.1	...	872.5	11.79	
20	...	60.7	...	0.3	...	2.3	'86	4.6	'29	89.2	...	817.1	6.61	
49	'79	205.2	'34	22.8	'04	3.3	'37	5.8	'18	44.4	'02	799.4	7.71	
75	1'46	233.3	'99	1.7	'07	2.5	'46	6.6	'07	45.5	...	1,205.7	25.88	
64	'89	264.9	'98	1.3	...	5.5	'45	9.7	'18	84.8	...	1,206.0	10.29	
52	'73	325.0	'74	26.4	'07	4.2	'67	2.9	'12	40.0	'07	1,001.6	9.03	
06	1.48	280.7	1'36	0.1	...	3.8	1.11	0.4	'12	25.5	...	1,144.4	22.95	
43	'14	311.6	1'35	1.4	...	7.7	1'61	0.8	'14	55.1	...	865.9	7.43	
41	'73	180.2	'19	10.1	'02	2.6	'27	7.9	'08	55.4	'02	730.5	6.26	
06	'41	144.3	'21	1.0	...	2.9	'82	17.1	...	56.1	...	964.6	18.09	
40	'95	107.5	'24	1.7	...	3.6	'24	12.1	'47	58.9	...	818.7	6.68	
53	'58	153.4	'25	8.3	...	1.8	'25	12.5	'17	58.1	...	630.5	5.24	
95	'27	316.1	'38	0.3	...	2.5	'14	18.8	'27	76.7	...	1,015.4	11.14	
91	'26	177.8	'35	0.4	...	3.0	'51	19.6	'17	73.2	...	824.8	6.40	
43	'42	208.3	'48	10.6	...	3.9	'71	17.7	'06	130.3	...	956.4	8.79	
95	'87	515.8	'87	12.6	...	6.9	'43	23.4	'87	212.5	...	2,018.6	16.88	
29	...	360.6	1'02	7.7	...	18.9	2.56	29.7	2'05	275.2	...	2,109.2	21.99	
92	'32	85.1	'15	8.4	...	1.8	'23	24.4	'31	85.2	'07	637.0	5.36	
74	'32	162.5	'32	...	...	0.8	'22	44.0	'43	99.4	...	702.9	11.62	
98	1'00	113.6	'64	0.3	...	3.5	'22	35.8	...	133.1	...	822.1	6.40	
17	'26	147.6	'20	10.4	'01	2.1	'25	3.3	'17	34.8	'05	560.9	4.40	
05	'43	373.5	'52	0.4	...	4.0	'60	2.8	...	27.5	...	654.4	13.41	
17	...	266.0	'70	0.5	...	4.0	1'16	11.6	...	63.5	'23	671.4	7.91	
92	'63	189.9	'26	12.9	...	2.9	'50	10.6	'47	26.7	'08	670.8	8.20	
17	1'19	529.7	'40	0.2	...	5.1	1'78	10.3	'40	25.7	...	1,112.7	17.99	
96	'35	253.3	'55	1.7	...	2.8	...	9.4	...	31.0	...	803.6	2.77	
98	'56	166.7	'29	19.7	'02	2.7	'35	8.5	'29	53.7	'14	700.0	6.40	
15	'70	269.2	'65	1.2	'01	3.1	'50	13.8	'25	62.6	'03	1,030.2	16.13	
75	'44	217.8	'74	1.2	...	5.1	'02	14.2	'08	87.6	'01	972.1	7.74	

*B.—Admission and death rates from Enteric fever in stations of over 1,000 strength.*

Stations.	1918.		DECENNIA, 1909-1918.		Stations.	1918.		DECENNIA, 1909-1918.		
	Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.		Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.	
Lucknow	07	...	99	1.07	Mhow	...	57	1.15	47	0.29
Meerut	35	...	71	0.88	Jubbulpore	...	24	...	33	0.56
Delhi	75	2.50	36	0.87	Secundrabad	...	06	...	32	0.73
Ambala	81	1.81	26	0.50	Poona	...	11.1	0.71	93	0.45
Ferozepore	55	0.91	16	0.40	Kirkee	...	17	...	65	0.38
Lahore Cantonment	70	...	93	1.50	Cadaba	...	21	...	49	0.49
Bawalpindi	97	1.76	42	0.57	Bangalore	...	62	1.56	98	0.42
Nowshera	18	...	57	1.13	Quetta	...	42	...	27	0.27
Feshawar	56	...	68	0.98	Deolali	...	13	0.22	28	0.28
Karachi	36	0.44	22	0.17						

Years.	C.—OFFICERS.				D.—WOMEN.				E.—CHILDREN.			
	Average annual strength.	Admission rate per 1,000.	Constantly sick rate per 1,000.	Death rate per 1,000.	Average annual strength.	Admission rate per 1,000.	Constantly sick rate per 1,000.	Death rate per 1,000.	Average annual strength.	Admission rate per 1,000.	Constantly sick rate per 1,000.	Death rate per 1,000.
1909-13	2,597	801.1	31.22	8.01	3,041	512.6	20.86	7.99	5,145	372.2	14.55	25.05

APPENDIX TO SECTION II.—INDIAN TROOPS.

v

REGIMENTS AND DIVISIONS.	Year.	Average strength.	Admissions into hospital.	Constantly sick.	RATIO PER MILLE OF STRENGTH.									
					DEATHS FROM									
					Cholera.	Small-pox.	Enteric-fever.	Malaria.	Tubercle of the lungs.	Pneumonia.	Dysentery.	Abscess of the liver.	All causes.	Mortality including absent deaths.
Army ...	1918	195,426	827	38	0'14	0'09	0'26	0'94	0'71	6'63	0'24	0'02	20'14	...
	1919	129,713	787	41	0'36	0'12	0'04	0'54	1'13	3'38	0'12	0'02	11'81	...
Army ...	1918	141,990	906	45	0'13	0'20	0'32	1'09	0'53	5'31	0'37	0'04	29'88	...
	1919	97,770	749	39	0'31	0'21	0'07	0'34	1'02	2'28	0'26	0'03	12'26	...
War) Division	1918	23,755	1,003	47	...	0'08	0'59	0'63	0'88	4'46	...	...	36'03	...
	1919	16,305	935	36	...	0'12	...	0'43	0'80	3'62	0'18	...	16'50	...
Alpindi) Division	1918	41,018	683	34	0'22	0'07	0'22	0'66	0'61	5'70	0'22	0'02	26'96	...
	1919	23,495	707	49	0'13	0'17	0'04	0'89	1'92	3'66	0'17	...	11'75	...
... Division	1918	35,062	745	36	0'14	0'09	0'14	1'31	0'51	10'89	0'29	...	36'79	...
	1919	30,844	751	40	0'19	0'13	0'03	0'39	0'75	4'15	0'03	...	10'89	...
... Division	1918	30,462	986	53	...	0'07	0'82	1'81	0'98	7'98	0'20	...	32'43	...
	1919	15,635	765	42	...	0'26	0'19	1'02	0'90	3'39	0'38	...	23'86	...
... Division	1918	46,386	846	40	...	0'02	0'13	0'88	0'34	6'19	0'30	0'02	31'21	...
	1919	32,015	681	34	0'53	...	0'06	0'44	1'06	2'12	0'16	...	9'81	...
... Division	1918	32,894	1,084	51	0'40	0'18	0'30	0'36	0'64	3'95	0'61	0'09	31'28	...
	1919	28,597	799	40	0'31	0'07	...	0'21	1'36	2'20	0'31	0'03	10'25	...
... Division	1918	41,126	740	36	0'02	0'17	0'10	0'63	1'05	4'62	0'44	0'05	23'56	...
	1919	33,390	750	41	0'69	0'15	...	0'45	1'47	2'67	0'21	...	9'76	...
... Division	1918	29,221	751	33	0'41	...	0'07	0'48	0'55	4'32	0'17	...	22'42	...
	1919	17,395	697	32	0'46	...	0'17	0'34	0'57	1'38	0'06	0'11	10'64	...
... Division	1918	22,164	709	37	0'14	0'01	0'18	1'04	0'18	2'26	0'32	0'05	22'97	...
	1919	14,600	777	44	0'27	1'03	0'14	0'41	0'68	0'41	0'14	0'07	8'90	...
... Division	1918	10,084	796	38	0'20	0'20	...	2'38	0'40	4'36	0'50	...	22'11	...
	1919	6,923	768	39	...	...	...	1'59	0'43	4'77	0'43	0'14	12'86	...
... Division	1918	25,244	1,140	51	...	0'08	0'63	2'22	0'63	9'98	0'16	...	32'44	...
	1919	8,284	1,201	52	0'85	...	...	1'09	0'72	6'28	...	...	16'90	...
India ...	1918	341,458	856	41	0'13	0'13	0'28	1'00	0'63	6'02	0'29	0'02	29'17	27'40
	1919	229,731	767	40	0'34	0'16	0'06	0'54	1'08	2'88	0'18	0'02	11'94	12'16

B.—GROUPS.	Years.	Average strength.	RATIO PER						
			Constantly sick.	Invaliding.	Influenza.		Cholera.		Small
					A.	D.	A.	D.		A.
Group I.—Burma Coast and Bay Islands.	1909-18	1,533	29'3	...	3'0	...	0'1	0'07	0'1
	1918	2,560	27'0	...	27'0	...	0'4	0'39	...
	1919	1,420	23'2	...	3'5	...	...	...	...
" II.—Burma Inland	1909-18	2,022	30'0	...	21'8	1'85	0'1	0'07	6'2
	1918	5,846	37'3	...	97'0	9'24	0'2	0'17	...
	1919	3,904	41'0	...	12'6	0'77	...	...	1'3
" III.—Assam	1909-18	730	25'9	...	3'3	...	...	...	0'1
	1918	...	...	...	...	...	...	...	...
	1919	...	...	...	...	...	...	...	...
" IV.—Bengal and Orissa	1909-18	2,391	27'3	...	57'8	3'85	0'6	0'46	0'04
	1918	5,376	30'9	...	251'7	17'11	2'2	1'67	...
	1919	3,909	30'7	...	206'2	7'16	0'5	0'26	0'5
" V.—Gangetic Plain and Chutia Nagpur.	1909-18	8,543	25'0	...	31'0	2'73	0'7	0'35	0'4
	1918	22,462	34'0	...	114'2	10'37	0'4	0'13	0'6
	1919	12,664	32'4	...	35'5	2'37	0'9	0'55	0'9
" VI.—Upper Sub-Himalaya	1909-18	32,701	29'3	...	35'4	4'51	0'5	0'22	0'6
	1918	96,424	35'1	...	118'1	15'62	0'1	0'07	1'2
	1919	66,329	47'1	...	3'7	0'77	0'5	0'30	1'6
" VII.—North-West Frontier, Indus Valley and North-Western Rajputana.	1909-18	26,856	36'0	...	33'5	3'30	0'4	0'16	0'4
	1918	57,695	52'4	...	150'8	15'34	...	...	0'7
	1919	35,007	62'6	...	38'0	5'54	0'1	...	1'7
" VIII.—South-Eastern Rajputana, Central India and Gujarat.	1909-18	13,804	26'8	...	41'9	4'32	0'3	0'15	0'5
	1918	38,397	37'1	...	157'8	16'87	...	...	0'5
	1919	26,683	29'3	...	63'4	1'46	1'1	0'60	1'9
" IX.—Deccan	1909-18	20,201	30'9	...	34'5	4'64	0'5	0'27	0'6
	1918	50,342	46'7	...	131'3	18'59	0'6	0'26	1'0
	1919	39,124	39'3	...	15'8	0'61	0'7	0'51	1'0
" X.—Western Coast	1909-18	2,116	53'4	...	36'7	3'03	0'4	0'19	1'4
	1918	6,042	49'8	...	122'8	10'59	0'7	...	3'1
	1919	4,811	58'8	...	99'4	6'24	1'2	0'42	1'2
" XI.—South India	1909-18	5,577	26'8	...	30'8	3'21	0'7	0'30	1'4
	1918	14,106	34'5	...	117'4	12'69	0'6	0'21	3'9
	1919	9,480	42'0	...	110'5	2'64	0'8	0'42	8'8
" XII.—Hill Stations	1909-18	26,842	29'7	...	31'7	2'54	0'2	0'17	0'2
	1918	43,166	42'8	...	172'9	15'80	0'3	0'19	0'4
	1919	24,152	33'6	...	46'7	7'44	0'4	0'29	1'0
ARMY OF INDIA	1909-18	157,469	29'2	10'7	31'5	3'30	0'4	0'20	0'5
	1918	341,458	40'7	19'2	136'8	15'23	0'2	0'13	1'0
	1919	229,731	40'0	21'8	34'7	2'63	0'6	0'24	1'7

NGTH.

FROM

	Typhoid fever.		Malaria.		Pyrexia of uncertain origin.		Pneumonia.		Dysentery.		Venereal diseases.		All causes.	
	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	
...		154'1	1'50	73'0	0'13	11'7	2'61	21'0	0'20	38'7	0'07	745'4	8'09	
...		185'2	3'91	...	...	33'6	7'03	10'5	0'39	42'6	...	576'2	17'97	
...		52'8	1'41	5'6	...	34'5	9'86	...	...	71'1	...	476'1	15'49	
0'7	0'34	168'3	1'30	38'0	0'24	4'9	1'20	11'5	0'24	60'9	0'03	665'8	9'07	
...		105'9	12'22	1'0	...	10'3	2'91	11'8	0'51	143'5	...	753'8	21'04	
...		176'0	1'79	3'3	...	14'3	4'35	9'0	0'77	152'9	...	772'0	11'78	
0'7	0'14	183'0	10'41	45'5	...	9'2	0'41	31'6	0'27	19'2	...	712'7	3'42	
...		...	...	...	...	...	...	...	...	...	...	...	...	
...		...	...	...	...	...	...	...	...	...	...	...	...	
0'7	0'13	90'1	0'34	58'9	0'08	9'6	1'55	25'4	0'29	29'7	0'04	717'9	9'54	
...		51'7	1'49	0'2	...	9'5	2'42	6'1	0'19	31'4	...	823'8	27'72	
1'0	0'26	144'5	0'51	0'5	...	2'6	0'51	12'8	0'26	50'1	...	925'3	15'35	
1'0	0'27	57'5	0'23	18'3	0'12	12'1	2'40	12'8	0'15	30'3	0'07	565'1	9'06	
0'6	0'09	41'1	0'22	0'2	0'04	19'2	4'76	5'1	0'18	49'8	0'18	742'2	20'12	
0'4	0'16	73'5	0'32	0'2	...	8'3	1'66	4'3	...	65'7	...	626'6	8'61	
1'3	0'33	104'0	0'57	24'1	0'17	16'3	3'94	15'2	0'19	33'9	0'04	639'3	14'08	
0'4	0'16	78'7	0'88	5'0	0'06	21'9	7'58	10'3	0'36	47'2	0'05	722'0	30'74	
0'2	0'03	126'3	0'63	3'1	...	18'3	4'00	9'6	0'12	72'3	0'11	800'4	11'16	
2'6	0'63	268'9	0'93	19'1	0'14	20'6	4'83	27'2	0'17	22'9	0'03	918'9	13'93	
1'5	0'50	259'7	1'61	1'7	0'07	21'8	7'21	12'0	0'09	35'3	0'02	1,090'7	31'42	
0'7	0'09	200'8	0'60	1'7	...	17'7	4'06	18'5	0'09	33'9	0'03	933'9	15'97	
1'9	0'32	117'0	0'45	9'3	0'09	11'1	2'26	12'6	0'06	22'9	0'04	623'4	11'32	
0'6	0'08	108'4	0'73	0'6	0'06	14'3	3'67	5'6	0'11	35'4	0'06	800'5	28'39	
0'6	0'04	104'8	0'33	0'1	...	10'3	2'32	3'7	0'19	33'0	...	668'6	10'73	
1'3	0'27	85'9	0'40	15'0	0'07	10'6	2'33	22'6	0'29	46'7	0'06	662'0	12'02	
0'7	0'26	99'7	0'75	0'1	0'06	18'3	5'74	31'2	0'68	78'1	0'04	983'8	32'86	
0'3	0'03	76'4	0'28	0'1	...	6'8	1'79	12'7	0'28	78'5	0'13	711'5	8'41	
1'7	0'52	163'4	0'52	25'4	0'09	12'3	2'79	51'6	0'33	88'2	...	853'0	12'01	
2'5	0'66	115'7	0'50	22'8	...	19'0	4'30	28'1	...	208'2	...	999'0	21'52	
0'2	...	216'6	0'21	37'0	...	9'4	1'87	41'4	...	213'9	...	1,281'0	13'93	
0'6	0'04	96'0	0'36	7'5	0'04	6'6	1'04	10'0	0'11	53'0	0'04	569'0	9'27	
0'1	...	36'9	0'71	0'1	...	6'9	1'91	2'1	0'21	89'6	...	638'9	22'60	
0'8	0'21	95'5	0'63	0'5	...	3'0	0'53	5'5	0'11	120'3	...	761'4	10'86	
2'4	0'52	161'1	0'83	21'3	0'12	14'2	3'19	13'2	0'18	21'3	0'03	669'3	11'63	
1'6	0'67	206'8	1'16	5'5	0'07	20'2	6'74	10'1	0'21	37'9	0'02	911'6	31'14	
0'6	...	183'5	0'75	1'7	...	10'7	2'24	4'6	0'37	37'4	...	633'1	16'89	
1'7	0'37	141'5	0'61	20'7	0'12	13'5	3'00	18'7	0'18	30'4	0'04	674'3	11'45	
0'8	0'28	129'7	1'00	3'0	0'06	19'6	6'02	12'7	0'29	53'1	0'04	850'3	29'17	
0'4	0'66	145'6	0'54	2'3	...	12'8	2'88	10'5	0'18	65'1	0'06	767'5	11'94	

## 1.—ACTUALS. 2.—RATIOS.

C.—Plains and Hills.	Average annual strength.	Malaria.		Tubercle of the lungs.		Pneumonia.		Respiratory diseases.		Dysentery and Diarrhoea.		Scurvy.		Anæmia and Debility.		All causes.		
		A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	
1915.	Plains ...	90,816	12,115	58	267	19	1,207	232	3,890	29	3,001	4	216	2	2,091	9	69,534	7
			133'4	'64	'29	'21	13'3	3'55	42'9	'32	43'0	'26	'4	'02	23'0	'10	76'57	'7
	Hills ...	25,019	5,036	71	59	19	320	76	973	11	874	28	22	3	303	2	17,176	3
			201'3	2'84	2'4	'76	12'8	3'04	38'9	'44	34'9	1'12	'9	'12	12'1	'08	686'5	12
	Hills above 5,000 feet sea-level.	13,094	1,482	7	26	13	180	42	561	6	348	4	18	3	154	1	7,036	1
113'2			'53	2'0	'99	13'7	3'21	42'1	'46	26'6	'31	'14	'23	11'8	'08	537'3	9	
Hills below 5,000 feet sea-level.	11,925	3,554	64	33	6	140	34	422	5	526	24	4	...	149	1	10,140	1	
		298'0	5'37	2'8	'50	11'7	2'85	35'4	'42	44'1	2'01	'3	...	12'5	'08	850'3	15	
1916.	Plains ...	106,307	20,946	81	278	37	1,726	341	3,671	40	4,276	34	309	4	2,293	8	80,269	1
			197'0	'76	2'6	'35	16'2	3'21	34'5	'38	40'2	'32	2'9	'04	21'6	'08	755'1	8
	Hills ...	30,238	6,312	16	112	21	616	121	1,355	29	1,112	11	36	2	385	5	22,994	1
			208'7	'53	3'7	'69	20'4	4'00	44'8	'96	36'7	'36	1'2	'07	12'7	'17	760'4	12
	Hills above 5,000 feet sea-level.	15,909	2,096	7	74	13	343	72	912	13	558	5	27	2	153	2	10,961	1
131'7			'44	4'7	'82	21'6	4'53	57'3	'82	35'1	'31	1'7	'13	9'6	'13	689'0	11	
Hills below 5,000 feet sea-level.	14,329	4,216	9	38	8	273	49	443	16	554	6	9	...	232	3	12,033	1	
		294'2	'63	2'7	'56	19'0	3'42	30'9	1'12	38'7	'42	'6	...	16'2	'21	839'8	8	
1917.	Plains ...	154,019	27,392	136	390	63	3,377	775	6,453	147	4,399	38	109	2	2,556	12	114,119	1
			177'8	'88	2'5	'41	21'9	5'03	41'9	'95	28'6	'25	'7	'01	16'6	'08	740'9	11
	Hills ...	34,026	7,028	37	161	56	756	180	1,990	32	783	11	27	...	412	4	25,661	1
			206'5	1'09	4'7	1'65	22'2	5'29	58'5	'94	23'0	'32	'8	...	12'1	'12	754'2	12
	Hills above 5,000 feet sea-level.	17,224	3,198	17	118	41	407	101	1,213	13	359	9	25	...	276	2	12,627	1
185'7			'99	6'9	2'38	23'6	5'86	70'4	'75	20'8	'52	1'5	...	16'0	'12	733'1	13	
Hills below 5,000 feet sea-level.	16,802	3,830	20	43	15	349	79	777	19	424	2	2	...	136	2	13,034	1	
		227'9	1'19	2'6	'89	20'8	4'70	46'2	1'13	25'2	'12	'1	...	8'1	'12	775'7	11	
1918.	Plains ...	296,990	35,320	239	703	162	5,796	1,760	17,402	538	10,470	100	195	5	4,421	7	232,515	8
			118'9	'97	2'4	'55	19'5	5'93	58'6	1'81	25'3	'34	'7	'02	14'9	'02	850'2	2
	Hills ...	43,160	8,926	59	154	52	873	291	2,416	95	1,566	10	30	1	512	1	39,352	1
			206'8	1'16	3'6	1'20	20'2	6'74	56'0	2'20	36'3	'23	'7	'02	11'9	'02	911'6	31
	Hills above 5,000 feet sea-level.	25,756	4,680	34	113	36	549	204	1,441	75	918	5	25	...	318	1	21,867	8
181'7			1'32	4'4	1'40	21'3	7'92	55'9	2'91	35'6	'19	1'0	...	12'3	'04	849'0	33	
Hills below 5,000 feet sea-level.	17,410	4,246	16	41	16	324	87	975	20	648	5	5	1	194	...	17,485	4	
		243'9	'92	2'4	'92	18'6	5'0	56'0	1'15	37'2	'29	'3	'06	11'1	...	1,004'3	2	
1919.	Plains ...	203,826	28,972	105	823	107	2,671	607	11,811	273	6,723	35	134	2	4,097	6	160,272	23
			142'1	'52	4'0	1'02	13'1	2'96	57'9	1'34	33'0	'17	'7	'01	20'1	'03	786'3	1
	Hills ...	24,152	4,433	18	86	39	238	54	1,153	28	383	9	7	...	364	3	15,291	4
			183'5	'75	3'6	1'61	10'7	2'24	47'7	1'16	15'9	'37	'3	...	15'1	'12	633'1	11
	Hills above 5,000 feet sea-level.	13,063	2,337	10	53	21	138	35	420	15	205	4	7	...	217	1	7,784	2
178'9			'77	4'1	1'61	10'6	2'68	32'2	1'15	15'7	'31	'5	...	16'6	'08	595'9	16	
Hills below 5,000 feet sea-level.	11,089	2,096	8	33	18	120	19	733	13	178	5	...	...	147	2	7,507	1	
		189'0	'72	3'0	1'62	10'8	1'71	66'1	1'17	16'1	'45	...	...	13'3	'18	677'0	17	

G.—Enteric Fever.						1909-1918.		1919.	
						Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.
an troops	...	...	...	...	...	4.6	0.55	4.5	0.44
troops*	...	...	...	...	...	1.7	0.36	0.4	0.06
s only	...	...	...	...	...	3.5	0.77	0.4	...
rs	...	...	...	...	...	1.0	0.23	0.7	0.18

\*Including Gurkhas.

						E.—TUBERCLE OF THE LUNGS, 1919.		F.—VENEREAL DISEASES, 1919.	
						Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	
troops (excluding Gurkhas)	...	...	...	...	...	3.9	0.04	67.5	
as only	...	...	...	...	...	5.6	2.73	37.9	

						G.—INFLUENZA.				H.—PNEUMONIA.			
						1909-1918.		1919.		1909-1918.		1919.	
						Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.	Admission rate per 1,000.	Death rate per 1,000.
an troops	...	...	...	32.4	1.12	25.2	0.25	2.7	0.35	5.1	0.92		
troops	...	...	...	31.5	3.30	34.7	2.63	13.5	3.00	12.8	2.88		
trs	...	...	...	28.0	1.86	64.4	4.07	12.4	3.34	13.5	3.86		

A.—Maximum, Minimum and mean temperature in shade and its departure from the average

Stations.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.		
	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.
Calcutta ... ..	78.9	58.5	68.4	+2.0	81.7	60.3	70.9	-0.1	84.1	69.8	81.0	+1.9	95.3	75.3	85.7	+0.1	95.8	77.9	86.9
Narayanganj ... ..	77.7	57.8	67.8	+1.3	81.1	59.7	68.9	-1.1	83.4	69.0	81.2	+2.3	91.3	72.6	81.9	-1.5	92.0	76.2	84.1
Chittagong ... ..	80.2	57.1	68.7	+1.9	82.5	59.5	69.5	-0.9	81.2	68.6	79.9	+2.5	89.1	71.9	80.5	-0.7	93.0	76.4	84.7
Sibesar ... ..	70.9	51.3	61.0	+1.2	74.6	52.8	63.7	+0.7	83.9	61.9	72.9	+3.7	82.5	65.5	74.0	+0.1	85.5	71.7	79.1
Silchar ... ..	78.9	55.0	67.5	+2.5	82.2	53.8	68.0	0	81.8	64.4	78.1	+3.5	91.1	68.4	79.7	+1.2	90.7	72.4	81.6
Cuttack ... ..	81.1	63.7	72.9	+0.9	84.3	69.6	75.9	-1.4	85.0	72.2	85.1	+0.5	102.5	78.4	90.4	+0.7	102.0	80.0	90.9
Patna ... ..	72.2	53.8	63.0	+1.3	76.0	52.1	64.6	-1.1	80.7	66.2	78.4	+1.4	97.0	72.9	84.8	-1.7	100.6	78.1	89.4
Darjeeling ... ..	80.1	59.3	69.7	+2.5	80.7	59.8	69.7	+6.8	89.8	44.9	52.4	+3.1	63.7	48.0	55.8	+0.3	65.7	52.3	59.0
Allahabad ... ..	75.9	51.2	61.6	+1.5	76.0	50.9	63.4	-2.1	82.6	63.1	72.8	+0.7	100.8	72.5	80.6	-1.1	100.5	80.7	93.6
Lucknow ... ..	...	...	...	...	...	...	...	...	93.71	65.67	79.67	-0.27	100.4	72.1	86.3	0	100.4	79.1	92.8
Delhi ... ..	68.3	49.1	58.7	-0.1	72.2	51.4	61.8	-1.3	85.9	63.6	74.7	+0.6	94.5	71.5	83.0	-2.8	101.3	79.5	90.4
Agra ... ..	71.4	50.2	60.8	+0.1	77.0	50.9	63.9	-1.0	89.7	63.3	76.5	+0.1	96.9	72.5	85.7	-1.0	105.6	81.0	93.2
Jhansi ... ..	73.8	50.2	62.0	-1.77	79.1	50.5	64.8	-3.37	93.6	64.3	78.9	-0.69	101.0	73.3	87.2	-2.97	107.2	81.4	94.3
Ajmer ... ..	70.4	46.9	58.7	-0.9	75.8	47.4	61.6	-1.9	86.9	60.3	73.6	-0.9	94.6	69.3	81.1	-3.1	102.1	80.8	91.5
Saugor ... ..	75.1	54.6	64.9	+0.5	79.6	54.8	67.2	-0.7	91.8	65.3	78.5	+0.5	98.4	72.8	85.6	-1.2	102.8	77.7	90.7
Jubbulpore ... ..	70.1	55.1	65.0	+2.7	77.4	54.5	65.9	-0.9	80.5	62.7	76.6	+0.1	97.8	69.9	83.9	-1.9	103.4	79.5	90.6
Multan ... ..	68.8	44.4	56.6	+0.1	75.7	50.8	63.3	+2.8	85.4	60.4	72.9	+0.9	95.1	70.4	82.8	-0.4	103.9	79.7	91.8
Lahore ... ..	66.6	42.9	54.8	0	69.8	45.7	57.8	-0.5	82.8	59.5	69.6	+0.5	92.3	65.3	78.8	-1.7	102.0	74.1	88.0
Peshawar ... ..	63.6	38.8	51.1	-0.1	67.1	41.3	54.7	+0.6	74.6	50.8	62.8	-0.5	87.2	59.6	73.4	+0.5	95.3	68.6	83.9
Chakrata ... ..	47.8	34.7	41.2	-2.1	51.2	39.5	45.9	+0.4	61.6	44.2	52.9	+0.6	69.0	48.0	57.5	-2.9	76.2	55.8	66.0
Indore ... ..	80.1	53.9	67.0	+2.5	84.2	52.3	68.3	+0.9	81.6	61.8	78.2	+1.9	99.8	70.2	85.0	+0.1	103.9	76.3	90.1
Deesa ... ..	81.2	53.1	67.6	+0.5	87.8	53.5	70.6	+0.3	95.7	62.7	79.3	-0.5	103.2	71.5	87.2	-0.4	108.7	79.4	94.0
Karachi ... ..	75.2	56.6	65.6	-1.5	70.6	60.9	65.8	-1.1	80.6	63.7	74.0	+0.6	83.0	73.7	78.4	-1.3	88.5	80.0	84.2
Bombay ... ..	81.6	68.7	75.2	+0.5	81.4	68.4	75.4	-0.2	85.0	72.9	78.0	-0.5	89.0	76.9	82.9	-0.1	91.4	81.3	86.3
Telgaum ... ..	84.3	59.0	71.6	+1.1	80.7	60.4	73.5	+1.7	93.6	62.4	78.0	-0.8	97.7	67.3	82.5	+1.5	92.6	68.5	80.6
Nagpur ... ..	82.1	59.2	70.7	+0.9	84.5	60.2	72.4	-1.9	95.8	66.5	81.2	-1.5	102.4	75.6	88.0	-2.6	109.7	79.8	93.2
Belary ... ..	86.5	65.6	77.1	+2.1	95.5	69.1	82.3	+2.3	100.8	72.1	86.1	-0.3	104.2	78.2	91.2	+0.5	108.2	77.3	89.8
Bangalore ... ..	83.1	61.2	72.1	+3.1	88.1	62.6	75.3	+2.3	91.9	64.9	78.4	+0.5	95.7	70.9	83.3	+2.0	91.0	69.1	80.1
Madras ... ..	85.2	72.2	78.7	+2.5	87.6	71.4	79.5	+1.9	88.6	72.0	80.3	-0.7	93.5	78.6	86.1	+0.6	99.0	81.7	90.4
Rangoon ... ..	90.9	67.2	79.1	+2.2	93.2	67.4	80.3	+0.8	95.2	71.3	83.8	+0.1	98.8	76.1	87.4	+0.2	94.0	77.9	86.0
Akyab ... ..	81.2	60.6	70.9	+0.7	83.1	59.5	71.3	-1.7	89.7	69.4	78.6	-0.1	90.7	73.5	82.1	-1.6	93.2	77.2	85.2

RAL POPULATION.

month at thirty-one stations in India during 1919.

JUNE.	JULY.				AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.								
	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	Mean temperature.	Departure from normal.	Maximum.	Minimum.	
24.6	-0.5	82.0	79.1	84.0	+0.5	87.7	78.9	83.3	+0.3	88.6	78.3	83.4	+0.5	89.1	74.3	81.7	+0.9	82.5	66.1	74.3	+1.1	77.3	55.9	66.6	+0.1				
83.8	+0.1	87.6	78.0	82.6	-0.9	87.1	78.3	82.8	-0.6	87.5	77.2	82.4	-1.3	89.3	75.7	82.5	+0.9	83.5	67.9	75.7	+1.1	77.4	57.2	67.3	-0.4				
83.3	+1.4	85.8	75.9	80.9	-0.3	86.8	76.6	81.7	+0.7	86.0	75.3	80.7	-0.9	88.8	74.5	81.7	+1.7	83.0	60.5	74.7	+0.5	76.1	56.2	67.2	-0.8				
83.2	+0.7	87.4	78.4	82.9	-0.8	90.4	79.7	84.8	+1.5	83.7	74.8	79.3	-2.8	81.2	71.6	76.3	-1.1	77.1	63.5	76.3	+1.5	71.6	53.2	62.4	+1.5				
85.1	+2.5	90.9	76.9	83.9	+0.3	92.4	77.8	85.4	+2.3	88.3	75.2	81.8	-1.3	88.6	73.6	81.1	+0.6	84.3	64.7	74.5	+0.3	79.6	55.2	76.4	+0.1				
85.2	-2.7	90.3	78.4	84.4	+0.1	87.7	75.1	82.9	-0.9	90.4	78.3	84.4	+0.3	88.7	74.6	81.7	-0.7	82.5	68.7	78.6	+0.1	78.2	59.3	68.8	-2.5				
87.2	-0.9	88.8	78.6	83.7	-1.5	89.7	80.2	84.9	+0.6	88.3	78.3	83.2	-1.1	87.4	72.4	79.9	-0.6	82.1	62.2	72.2	+0.9	73.6	52.1	62.8	-0.2				
63.4	+2.1	68.5	58.5	63.5	+1.5	70.7	58.9	64.8	+2.1	65.1	55.9	66.5	+0.2	64.5	51.3	57.9	+2.3	57.7	44.3	51.0	+2.1	51.6	37.9	44.5	+1.5				
97.4	+3.8	90.2	78.5	84.3	-1.7	89.8	79.4	84.6	+0.3	91.6	79.9	84.3	0	89.9	67.4	78.6	-0.4	84.3	55.9	70.1	+0.7	76.0	48.1	62.1	+0.3				
94.7	+3.3	91.7	79.0	85.3	-0.7	92.6	79.4	86.0	+1.5	92.6	78.6	84.6	+0.5	90.3	65.3	72.9	-0.5	83.8	54.7	68.1	+0.7	75.5	46.6	61.0	-0.8				
97.7	+3.9	95.0	81.2	88.1	+0.5	90.2	79.4	84.8	-0.9	93.5	71.1	85.3	+0.4	91.8	68.7	80.2	+0.3	76.7	59.9	68.3	-1.5	62.8	40.3	58.6	-2.6				
98.2	+3.6	92.4	79.7	86.0	-1.5	89.9	78.8	84.4	-0.9	93.7	76.8	85.2	+0.1	91.3	67.0	80.2	-0.5	83.1	56.7	69.9	-0.7	73.1	48.9	61.0	-1.3				
90.8	+1.3	90.1	77.1	83.6	-2.0	86.8	76.0	81.4	-1.8	91.0	75.0	83.3	-0.5	92.5	65.5	79.0	-2.5	84.6	56.1	70.3	-2.3	76.4	47.9	62.2	-3.2				
82.0	+0.7	91.1	78.0	84.5	-0.3	84.5	75.4	79.9	-2.0	87.5	72.0	79.7	-2.5	93.1	63.9	78.0	-0.1	81.5	54.8	68.1	-0.3	70.9	46.2	58.5	-2.8				
88.3	-0.3	82.9	72.7	77.8	-2.2	80.6	72.6	76.6	-1.7	86.5	71.6	78.7	-0.1	87.6	65.9	76.7	-0.3	82.7	59.4	71.0	+1.1	77.2	51.0	64.6	-0.1				
86.0	-0.5	84.1	71.5	79.3	-1.3	81.8	73.9	78.0	-1.5	86.5	73.0	79.7	-0.1	86.0	64.8	75.7	+0.1	81.7	58.9	70.3	+2.1	76.3	49.0	62.6	+0.9				
97.9	+3.7	103.7	85.7	94.6	+0.4	98.2	83.2	90.7	-1.2	99.4	77.7	88.5	-0.5	96.3	66.0	81.3	+0.7	83.9	53.7	68.8	-0.3	70.1	46.7	58.4	-0.9				
99.0	+5.2	100.2	83.4	91.8	+1.5	93.3	79.9	86.6	-1.7	96.7	74.5	85.6	-0.3	94.3	60.2	77.2	-0.3	81.5	47.7	64.6	-1.5	67.3	42.4	54.8	-2.0				
97.9	+6.3	107.5	82.2	94.9	+2.9	98.7	78.2	89.4	-0.1	95.8	70.3	83.0	0	89.3	59.6	73.0	-0.1	79.2	43.0	59.4	-2.3	59.8	38.5	49.2	-3.9				
68.5	+1.3	71.0	60.7	65.9	+0.9	71.2	60.7	65.9	+1.9	71.3	57.5	64.4	+1.5	71.4	52.3	61.8	+2.9	62.3	45.2	51.8	+1.3	53.3	35.9	40.1	-1.3				
84.5	-1.0	84.5	72.0	78.3	-0.7	81.6	72.0	76.8	-0.2	86.1	70.5	78.3	+0.7	88.3	63.0	75.7	-0.3	84.7	60.0	72.3	+2.3	79.4	56.5	64.9	+0.3				
82.2	+0.9	93.5	78.6	86.1	+0.7	86.8	76.3	81.5	-0.9	92.4	73.5	82.9	-0.7	93.4	66.1	82.3	0	91.8	60.7	76.2	+1.1	84.3	51.1	62.7	-1.5				
84.9	-1.5	88.4	84.3	84.8	+0.5	85.0	78.2	81.6	0	84.2	75.2	79.7	-1.0	87.2	72.0	79.6	-0.2	86.6	65.8	76.2	+0.7	77.6	58.9	68.3	-0.7				
84.7	+0.9	85.4	78.3	81.8	+0.7	84.2	77.7	80.9	+0.3	86.3	77.7	82.0	+1.3	88.6	77.8	83.2	+0.9	86.2	75.9	82.0	+1.7	84.6	70.2	77.4	+0.1				
73.8	-0.7	76.7	67.3	72.0	+0.7	78.0	66.7	70.9	-0.5	79.5	66.4	73.0	+0.8	82.6	66.1	74.3	+0.2	81.9	64.0	72.9	+1.2	80.9	58.6	66.7	-0.3				
86.5	-2.6	87.5	73.1	81.3	-0.3	84.6	71.8	79.7	-1.1	90.1	73.8	81.9	+0.5	88.6	68.0	78.3	-0.9	86.0	63.7	74.9	+2.3	81.2	53.7	67.5	-0.8				
84.4	-0.9	92.7	75.4	84.1	+1.2	92.0	74.5	83.2	+0.9	1.2	72.4	81.8	+0.1	90.5	72.1	81.3	+0.5	85.9	68.8	77.4	+0.8	85.0	63.8	74.9	+1.3				
75.3	-0.5	82.5	66.6	74.6	+0.5	82.2	65.9	74.1	+0.2	83.4	68.3	74.8	+1.2	83.3	65.9	74.6	+1.1	79.8	63.7	71.7	+1.0	79.2	60.6	69.0	+1.4				
80.0	+0.1	94.5	78.0	86.2	-1.1	96.6	79.1	87.8	+2.2	91.9	76.8	84.4	-0.7	87.3	70.2	82.8	+0.7	80.2	64.3	80.3	+1.5	83.7	72.5	78.1	+1.6				
80.8	-0.7	84.6	75.0	79.9	-0.7	85.2	75.1	80.2	-0.3	87.1	75.7	81.7	+0.9	89.4	76.6	83.0	+1.2	87.8	73.3	80.6	+0.5	87.4	67.7	77.5	+0.2				
81.7	-0.3	85.2	75.4	80.3	-0.6	84.1	75.2	79.6	-1.2	86.2	75.5	80.1	-1.3	88.8	75.5	82.2	+0.1	84.5	70.5	77	-0.5	78.3	62.0	70.1	-2.1				

B.—Monthly and annual rainfall and its departures from the average at thirty-three stations in India during 1919.

Stations	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.		ANNUAL.			
	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.	Rain-fall.	Departure from normal.		
Calcutta	0.38	+0.21	1.16	+0.02	0.51	-0.68	4.02	+3.22	4.18	-1.06	12.94	+1.12	11.90	-0.72	23.32	+11.22	2.58	-7.35	0.45	-3.42	1.95	+1.29	0	0	0	0	61.69	+1.87
Naryanganj	0.31	-0.02	0	-1.26	0.45	-2.12	7.12	+1.91	6.15	-3.26	8.12	-4.97	21.54	+8.28	12.42	+0.02	14.72	+5.97	3.19	-1.05	1.82	+0.80	0	0	0	0	29.54	+4.10
Chittagong	0.79	-0.12	0.40	-0.58	0	-3.66	4.75	-0.22	1.14	-0.79	18.40	-2.22	28.27	+10.49	20.49	+11.59	24.16	+12.67	1.54	-5.26	5.42	+3.56	0	0	0	0	121.84	+23.20
Sibsagar	0.62	-0.65	0.70	-0.29	4.24	-0.42	7.59	-2.75	9.27	-2.74	20.70	+6.84	22.74	+5.07	11.21	-5.29	11.58	-0.25	7.02	+1.90	2.44	+1.24	0	0	0	0	97.87	+1.23
Sikhar	0.26	-0.22	0.62	-2.11	0.72	-7.20	0.22	-2.81	10.92	-0.19	18.00	-4.06	12.66	-7.26	6.92	-12.08	20.42	-6.42	5.07	-1.50	2.72	+2.27	0	0	0	0	81.85	-11.42
Cuttack	3.19	+2.56	0.65	-0.04	0	-1.10	1.05	-0.12	2.71	-1.27	10.24	+0.51	14.51	+2.92	18.28	+4.92	6.12	-3.98	5.95	+0.22	5.18	+2.08	0	0	0	0	67.60	+8.20
Hazratnagar	4.45	+3.26	0.64	-0.24	3.14	+0.09	1.21	+0.70	1.00	-1.21	16.20	+7.61	12.75	-0.02	14.74	+5.72	7.65	-1.47	6.25	+2.66	0	-0.42	0	0	0	0	66.25	+12.66
Patna	1.82	+1.27	2.19	+1.08	0.99	-0.41	0.49	+0.17	0.81	-1.04	6.11	-1.92	12.15	-0.02	10.38	-5.85	7.14	-0.26	1.57	-1.05	0	-0.22	0	0	0	0	41.88	-6.10
Daryeling	0.89	+0.28	0.72	+1.08	1.15	-0.97	0.40	+3.66	8.20	-0.40	20.11	+6.11	25.69	+4.05	20.42	-7.18	24.27	+6.08	0.79	-2.66	6.74	-0.16	0	0	0	0	121.17	+5.72
Allahabad	2.45	+2.72	0.68	+0.12	0	-0.22	0.17	+0.01	0.10	-0.21	1.27	-3.22	11.25	-0.42	12.68	+1.28	5.82	-6.17	1.71	-0.72	0	-0.26	0	0	0	0	37.72	-1.07
Lucknow	1.68	+0.25	0.77	-0.26	0.62	-0.22	0.66	-0.22	0.14	-0.85	2.74	-1.14	14.65	+2.26	8.09	-3.70	16.55	+9.82	3.05	+1.20	0	-0.21	0	0	0	0	40.01	+8.08
Meerut	5.70	+4.44	0.24	-0.69	0.05	-0.18	0.12	-0.26	1.22	+0.65	6.15	-2.68	5.72	-3.44	12.56	+4.27	5.54	-0.60	0	-0.20	0.21	+0.15	0	0	0	0	32.68	+0.22
Delhi	2.54	+1.46	0.07	-0.72	0.26	-0.27	1.07	-0.22	0.22	-0.29	0	-3.06	4.25	-3.22	8.29	+0.02	5.72	-4.16	0	-0.20	0.06	-0.07	0	0	0	0	17.22	-10.15
Agra	1.66	+0.51	0	-0.40	0.11	-0.24	0.42	+0.20	0.71	-0.16	6.74	-1.67	8.21	-0.89	17.27	+9.52	2.29	-1.70	0	-0.28	0.12	+0.01	0	0	0	0	29.74	+4.05
Juzal	1.29	+0.77	0	-0.27	0.02	-0.20	0.20	+0.14	0.25	-0.10	1.21	-2.17	25.07	+12.62	22.81	+12.91	0.70	-5.28	0.76	-0.02	0.18	+0.04	0	0	0	0	54.02	+18.66
Ajmer	0.65	+0.28	0	-0.28	0.07	-0.14	0.11	-0.06	0.71	+0.18	0.24	-2.00	8.00	+1.54	2.24	-3.44	1.28	-1.24	0	-0.25	1.10	+0.92	0	0	0	0	10.60	-4.21
Sangar	3.01	+2.46	0	-0.42	0	-0.22	0.45	+0.29	0.77	+0.31	2.58	-4.06	15.42	+1.42	22.54	+4.66	2.46	-6.64	3.24	+2.41	0.27	-0.12	0	0	0	0	64.24	+19.28
Jubbulpore	8.29	+4.61	0.87	+0.06	0.12	-0.46	0.21	-0.04	0.92	+0.16	5.92	-1.57	21.01	+2.22	22.22	+4.05	4.05	-2.72	1.80	+0.18	0.81	+0.28	0	0	0	0	84.22	+29.21
Multan	0.54	+0.10	0.40	+0.02	0.27	-0.16	0.27	+0.14	0.18	-0.11	0	-0.64	4.99	+2.92	2.84	+1.05	0.12	-0.20	0	-0.02	0	-0.08	0	0	0	0	10.74	+2.52
Lahore	2.24	+1.15	0.92	-0.07	0.52	-0.22	0.45	-0.02	0.68	-0.04	0	-1.26	10.01	+2.55	8.22	+0.01	6.44	-1.91	0	-0.24	0.04	-0.04	0	0	0	0	10.74	+2.52
Fatehgarh	2.21	+0.62	0.52	-0.01	1.26	-0.70	0.90	-1.00	0.45	-0.42	0.69	-0.27	0.66	-0.77	6.66	+4.12	3.28	-0.29	0	-0.18	0	-0.21	0	0	0	0	22.11	+2.52
Chakrata	14.25	+2.92	2.86	-0.71	2.25	-2.72	1.89	+0.10	1.02	-1.49	7.61	-0.24	19.42	-0.42	12.71	-5.07	9.21	+2.72	0.67	-0.16	0.47	-0.14	0	0	0	0	17.27	+3.95
Indore	2.69	+2.97	0	-0.17	0	-0.26	0.01	-0.14	1.29	+0.21	10.79	+2.24	12.79	+2.42	18.21	+10.88	2.06	-4.04	2.26	+1.20	0.72	+0.20	0	0	0	0	76.84	+3.52
Deesa	6.15	+0.02	0	-0.25	0	-0.09	0.09	+0.06	0.02	-0.12	1.64	-0.44	12.19	+2.76	22.22	+21.04	1.61	-1.82	0	-0.20	0.02	-0.08	0	0	0	0	51.27	+18.62
Karachi	0.24	+0.28	0	-0.44	0	-0.21	0.02	-0.15	0.08	+0.02	0	-0.27	1.75	-1.25	0.27	-0.97	0	-0.20	0	-0.20	0.02	-0.08	0	0	0	0	44.99	+21.42
Bombay	0.11	+0.02	0	-0.04	0	-0.04	0	-0.05	0	-0.04	16.21	-2.47	21.20	+6.21	16.85	-2.85	8.02	-2.54	1.54	-0.21	0	-0.02	0	0	0	0	2.29	-4.25
Belgaum	0	-0.12	0.08	+0.05	0	-0.20	0.05	-0.67	4.44	+2.05	8.77	+0.52	9.22	-7.55	2.27	-0.47	5.25	+0.85	2.07	-2.06	0.18	-0.26	0	0	0	0	68.22	-2.82
Nager	4.74	+2.79	1.64	+1.12	0.42	-0.10	0.07	-0.54	0.25	-0.20	12.20	+0.22	12.21	-0.42	12.68	+2.16	2.22	-1.82	2.22	+2.44	0.28	-0.22	0	0	0	0	4.84	-7.02
Bellary	0.12	+0.02	0	-0.08	0	-0.22	0.12	-0.71	2.27	+0.22	1.66	-0.21	0.55	-0.25	0.08	-2.25	1.26	+0.67	1.14	-0.86	0.06	+0.02	0	0	0	0	58.47	+0.21
Bangalore	0.62	+0.27	0	-0.16	0.10	-0.45	0.44	-0.28	8.47	+4.21	2.68	+0.14	4.25	+0.12	4.22	-0.96	9.42	+2.47	2.60	-2.58	2.20	+2.64	0	0	0	0	40.90	+2.90
Madras	0.27	-0.77	0	-0.20	1.96	+1.60	0	-0.60	0.02	-0.28	2.20	+0.22	0.0	+2.24	2.12	-1.67	6.78	+1.27	8.20	-2.99	12.92	+0.62	0	0	0	0	49.26	-0.40

C.—*Births.*

Province.	Population under registration.	RATIO OF BIRTHS PER 1,000 OF POPULATION.			Number of males born to every 100 females.	Excess of births over deaths per 1,000 of population.	Excess of deaths over births per 1,000 of population.
		Maximum for any one district.	Minimum for any one district.	Mean for the province.			
Delhi ...	416,656	...	...	45'80	110	3'80	...
Bengal ...	45,329,247	32'8	18'5	27'5	107	...	8'7
Bihar and Orissa ...	34,489,846	36'2	22'6	30'4	105	...	9'6
Bombay ...	6,051,507	38'52	27'41	30'52	106	...	19'57
United Provinces of Agra and Oudh ...	46,806,539	39'48	19'77	32'39	110'44	...	9'30
Punjab ...	19,337,146	50'7	21'1	40'3	112'9	12'0	...
North-West Frontier Province ...	2,041,077	33'7	24'7	28'6	126'2	1'05	...
Central Provinces and Berar ...	13,916,308	42'60	25'06	34'31	105'08	...	8'93
Madras Presidency ...	40,005,735	36'6	15'8	25'5	105'2	...	1'7
Madhya Pradesh ...	174,976	43'58	18'12	26'35	102'95	...	9'01
Madhya Pradesh ...	19,587,383	41'41	11'78	27'90	109'16	...	4'63
Madhya Pradesh ...	6,103,109	38'60	20'49	28'05	106	...	1
Madhya Pradesh ...	3,721,281	38'76	26'40	32'91	104	1'30	...
North-West Frontier Province ...	501,395	31'46	29'59	30'04	113'90	1'37	...

D.—*Deaths.*

Province.	Population under registration.	Area in square miles.	Average population per square mile.	RATIO OF DEATHS PER 1,000 OF POPULATION.			DEATH RATE BY SEX.	
				Maximum for any one district.	Minimum for any one district.	Mean for the province.	Male.	Female.
Delhi ...	416,656	7'92*	28,469*	...	...	42'00	38'14	46'86
Bengal ...	45,329,247	70,873	639	62'3	27'7	36'2	37'0	35'4
Bihar and Orissa ...	34,489,846	83,180	414	87'9	30'5	40'0	42'6	37'4
Bombay ...	6,051,507	31,845	190	60'74	33'96	50'09	50'90	49'21
United Provinces of Agra and Oudh ...	46,806,539	106,335	440	58'52	28'02	41'69	41'59	41'79
Punjab ...	19,337,146	96,654	200	39'0	21'5	28'3	27'5	29'4
North-West Frontier Province ...	2,041,077	13,399	152	34'9	23'8	28'6	28'9	28'2
Central Provinces and Berar ...	13,916,308	99,823	139	55'63	30'21	43'24	45'70	40'80
Madras Presidency ...	40,005,735	126,585	316	53'1	16'0	27'2	28'0	26'5
Madhya Pradesh ...	174,976	1,582	111	44'47	27'08	35'36	34'06	36'99
Madhya Pradesh ...	19,587,383	122,978	159	70'52	18'92	32'53	32'53	32'09
Madhya Pradesh ...	6,103,109	62,606	88	53'03	24'30	30'16	31'05	29'16
Madhya Pradesh ...	3,721,281	40,542	92	49'87	27'00	32'62	34'34	31'02
North-West Frontier Province ...	501,395	2,711	185	29'44	26'26	28'67	28'65	28'69

## E.—Total number of deaths by months.

Province.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Rate
														per 1,000 Pop. in 1919.
Delhi ...	1,415	1,063	1,168	1,394	1,739	1,841	917	903	1,586	1,879	1,873	1,723	17,501	42.0
Bengal ...	198,814	147,042	160,288	154,157	122,791	98,929	98,068	92,533	108,791	109,965	146,485	203,248	1,641,111	36.2
Bihar & Orissa	151,581	105,157	106,956	104,993	95,451	102,198	108,922	127,923	124,228	108,420	116,119	127,709	1,379,657	40.0
Assam ...	35,212	22,783	25,070	28,052	25,045	25,171	26,200	26,474	22,142	22,944	22,030	22,010	303,133	50.0
United Provinces of Agra and Oudh.	348,945	185,933	134,960	133,833	146,945	149,833	115,092	117,246	128,015	150,686	176,144	164,930	1,951,662	41.6
Punjab ...	52,366	38,926	38,362	38,231	44,340	47,834	39,755	33,347	47,209	55,916	56,169	55,575	548,070	28.3
North-West Frontier Province.	6,814	4,934	3,762	3,441	3,459	5,566	7,599	4,216	3,655	4,343	5,016	5,497	58,302	28.3
Central Provinces and Berar.	57,169	38,265	39,913	40,355	50,794	58,612	45,521	63,152	59,711	55,107	47,362	45,759	601,720	43.2
Madras Presidency.	130,804	89,193	80,157	69,123	79,278	86,005	103,123	96,417	78,915	79,990	85,809	111,015	1,089,829	27.2
Coorg ...	360	269	383	499	646	906	734	631	464	449	436	410	6,187	35.3
Bombay Presidency.	73,501	51,839	48,625	47,719	51,572	45,623	59,678	61,116	48,615	48,889	46,066	53,927	637,170	32.5
Burma { Lower	22,370	15,437	13,384	12,991	12,334	14,428	19,107	18,117	15,092	13,116	13,341	14,357	184,074	30.1
Upper	14,145	9,744	10,477	9,579	8,625	8,385	9,796	10,592	9,553	9,105	9,615	11,771	121,387	32.6
Ajmer-Merwara.	1,495	1,296	1,369	1,296	1,243	844	610	1,098	1,451	1,185	1,358	1,130	14,375	28.6
Total ...	1,094,091	711,881	664,874	645,663	644,262	646,175	635,162	653,765	649,427	661,994	727,823	819,061	8,554,178	35.8

## F.—Ratio of deaths from all causes according to months.

Province.	ANNUAL* DEATH RATE PER MILLE FOR THE MONTH OF												Rate
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Delhi ...	39.99	33.26	33.01	40.71	49.14	53.76	25.91	25.52	46.31	53.10	54.69	48.69	
Bengal ...	51.64	42.29	41.73	41.38	31.89	26.55	25.47	24.04	29.20	28.56	39.32	52.79	
Bihar and Orissa	51.75	39.74	36.51	37.04	32.59	36.05	37.18	43.67	43.82	37.01	40.96	43.60	
Assam ...	68.51	49.08	48.78	56.40	48.73	50.61	50.98	51.51	44.52	44.64	44.29	42.82	
United Provinces of Agra and Oudh	87.55	51.78	33.95	34.79	36.96	38.95	28.95	29.49	33.28	37.91	45.79	41.49	
Punjab ...	31.89	26.94	23.36	24.05	27.00	30.10	24.23	20.30	29.70	31.05	35.34	33.84	
North-West Frontier Province	39.31	31.51	21.70	20.51	19.95	33.18	43.84	24.32	21.79	25.05	29.90	31.71	
Central Provinces and Berar	48.37	35.84	33.77	35.28	42.98	51.24	38.51	53.43	52.20	46.62	41.41	38.72	
Madras Presidency	38.50	29.06	23.59	21.02	23.33	26.16	30.35	28.38	24.00	23.54	26.10	32.67	
Coorg ...	24.22	20.04	25.77	34.70	43.47	63.00	49.39	42.46	32.26	30.21	30.32	27.59	
Bombay Presidency	44.18	34.50	29.23	29.64	31.00	28.24	35.87	36.74	30.20	29.39	25.61	32.42	
Burma { Lower	43.16	32.97	25.82	25.90	23.79	28.76	36.86	34.95	30.09	25.30	26.60	27.70	
Upper	44.76	34.13	33.15	31.32	27.29	27.41	30.99	33.51	31.23	28.81	31.44	37.24	
Ajmer-Merwara	35.11	33.69	32.15	31.45	29.19	20.48	14.32	25.78	35.21	27.83	32.95	26.54	
India	54.02	38.91	32.83	32.94	31.81	32.97	31.36	32.28	33.13	32.68	37.13	40.44	

\*The ratios in the statement have been calculated with reference to the number of days in each month.

G.—Deaths according to age.

Province.	UNDER ONE YEAR.*		RATIO PER 1,000 OF POPULATION.																	
			1—5 YEARS.		5—10 YEARS.		10—15 YEARS.		15—20 YEARS.		20—30 YEARS.		30—40 YEARS.		40—50 YEARS.		50—60 YEARS.		60 YEARS AND UPWARDS.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Bihar ...	249'37	245'35	Information not available.																	
Bengal ...	231'45	224'86	45'6	41'2	20'9	18'0	16'4	15'3	23'8	25'9	25'8	28'8	30'0	29'9	35'3	30'8	40'9	44'0	89'9	74'2
Bihar and Assam ...	216'60	212'34	62'4	55'5	22'6	19'3	18'4	15'8	21'8	19'7	26'5	22'3	32'4	26'9	42'3	30'7	63'8	52'2	114'8	90'7
Bombay ...	250'01	228'91	62'14	58'71	30'78	27'78	25'99	25'62	31'20	36'52	34'58	41'71	43'30	46'41	54'85	47'75	73'01	58'48	115'98	95'55
Central Provinces and Orissa ...	253'02	253'56	84'91	83'18	21'94	20'97	15'06	15'92	19'30	23'92	23'47	25'67	26'78	27'08	34'41	30'36	54'20	46'78	94'24	79'84
Madhya Pradesh ...	189'34	188'04	49'12	50'30	12'31	13'22	8'87	11'73	10'34	13'24	10'77	12'90	13'52	16'20	18'55	18'05	28'28	27'26	66'42	64'94
North-West Frontier Province ...	175'50	175'57	33'6	31'3	14'1	13'5	14'7	17'9	22'4	24'5	18'7	18'6	21'2	23'6	29'6	27'2	40'5	39'0	57'2	56'2
Central Provinces and Berar ...	302'71	283'38	76'22	66'04	25'33	21'96	17'52	16'69	19'74	18'11	19'60	18'39	24'26	22'31	33'87	25'16	49'59	40'45	114'87	97'79
Madras Presidency ...	198'53	186'92	37'1	35'2	13'0	12'5	9'0	9'2	12'8	14'8	15'1	16'2	15'7	17'6	23'1	18'9	35'6	29'9	85'6	81'0
Bombay ...	276'61	276'85	58'89	55'15	13'36	14'29	9'19	10'09	13'63	14'69	20'94	26'74	28'67	33'31	37'27	32'27	56'76	50'09	86'62	82'57
Bombay Presidency ...	206'70	196'73	56'48	53'32	16'96	17'59	10'73	12'37	13'46	16'02	18'68	19'40	21'91	20'74	27'70	20'47	44'76	33'99	105'69	94'66
Madras { Lower ...	197'13	173'81	...	62'12	15'79	15'26	11'36	11'41	17'46	16'36	22'73	...	...	22'66	36'54	...	...	31'41	78'50	75'60
Madras { Upper ...	272'80	247'39	...	84'51	13'90	13'05	9'66	9'97	17'65	15'26	21'01	...	...	19'56	30'05	...	...	23'78	81'25	71'05
North-West Frontier Province ...	Information not available.																			
Total ...	228'08	220'44	58'94	52'43	19'36	17'78	14'09	13'96	18'30	20'44	20'60	23'34	26'78	23'39	31'28	27'43	49'52	38'25	92'81	81'86

\* Calculated on the number of births during 1919.

H.—Deaths in Towns and Rural Circles compared.

Province.	NUMBER OF REGISTRATION CIRCLES.			POPULATION.			RATIO OF DEATHS PER 1,000 OF POPULATION.		
	Rural.	Town.	Total.	Rural.	Town.	Total.	Rural.	Town.	Total.
Bihar ...	11	1	12	187,512	229,144	416,656	36'66	46'37	42'00
Bengal ...	382	116	498	42,421,996	2,907,251	45,329,247	36'4	33'8	36'2
Bihar and Orissa ...	242	57	299	33,288,211	1,201,635	34,489,846	40'2	33'3	40'0
Bombay ...	97	20	117	5,932,062	119,445	6,051,507	50'35	37'33	50'09
Central Provinces of Ugra and Oudh ...	1,085	93	1,178	43,769,781	3,036,758	46,806,539	41'60	42'32	41'69
Madhya Pradesh ...	416	145	561	17,559,932	1,777,214	19,337,146	27'78	33'95	28'34
North-West Frontier Province ...	66	13	79	1,849,832	191,245	2,041,077	27'80	35'87	28'56
Central Provinces and Berar ...	412	111	523	12,638,587	1,277,721	13,916,308	43'17	43'90	43'24
Madras Presidency ...	226	269	495	35,151,499	4,854,236	40,005,735	26'6	31'7	27'2
Bombay ...	8	2	10	161,995	9,981	174,976	34'23	54'10	35'36
Bombay Presidency ...	249	112	361	16,497,762	3,179,621	19,587,383	29'61	47'56	32'53
Madras { Lower ...	216	41	257	5,308,483	794,626	6,103,109	27'85	45'60	30'16
Madras { Upper ...	124	21	145	3,397,275	324,006	3,721,281	30'68	52'99	32'62
North-West Frontier Province ...	Not available.			23			Not available.		
North-West Frontier Province ...	Not available.			Not available.			501,395		
North-West Frontier Province ...	Not available.			Not available.			Not available.		
North-West Frontier Province ...	Not available.			Not available.			28'67		

I.—Deaths from cholera in the different provinces in India from 1888 to 1919.

YEAR.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	(a) N.W. Frontier Province.	Central Provinces.	Barat.	Madras.	Coorg.	Bombay.	Lower Burma.	Upper Burma.	Ajmer-Merwara.	Rajputana.	Central India.	Hyderabad (cantonnement stations).	Mysore.
1888	...	11,031	...	9,663	18,704	14,938	...	921	305	58,577	2	30,500	13,982	...	13	32	191	2,037	1,015
1889	...	171,103	...	18,288	48,194	2,338	...	52,588	10,095	76,020	9	39,431	3,240	...	55	6,923	3,344	1,128	1,590
1890	...	145,885	...	15,395	80,293	3,401	...	4,787	847	35,488	5	3,259	1,076	...	408	2,746	3,132	...	1,326
1891	...	229,575	...	23,882	169,013	10,107	...	21,312	7,058	98,773	7	17,850	2,400	...	532	2,946	13,474	3,102	1,201
1892	...	229,398	...	21,552	194,886	75,659	...	39,072	2,030	79,013	58	47,900	6,208	...	2,352	26,760	8,384	53	5,497
1893	...	156,976	...	21,849	121,154	639	...	557	1,188	35,209	9	18,833	2,393	...	3	314	127	165	680
1894	...	236,150	...	13,107	178,079	113	...	7,043	3,452	7,448	3	33,558	7,448	...	...	2	5,210	1,862	328
1895	...	177,087	...	18,062	51,662	549	...	15,506	11,919	21,172	...	8,800	5,150	...	287	1,049	6,043	467	2,334
1896	...	256,824	...	17,042	66,147	5,146	...	52,985	12,264	47,847	49	35,104	2,959	...	12	3,797	15,766	525	2,100
1897	...	196,247	...	33,240	44,208	622	...	57,131	10,122	14,345	106	57,109	8,558	...	10	1,496	13,202	1,039	4,248
1898	...	65,020	...	11,149	2,508	333	...	7	...	65,444	8	4,368	2,072	...	1	6	...	6	1,593
1899	...	107,618	...	8,380	8,142	1,816	...	1176	541	29,652	...	8,579	4,042	...	1	408	...	...	123
1900	...	348,878	...	23,761	84,060	28,260	...	65,114	18,375	60,662	...	163,889	3,440	...	4,842	28,719	20,450	3,813	779
1901	...	110,753	...	7,468	53,095	180	117	49	17	81,270	38	13,600	3,552	...	50	6	72	1	11,351
1902	...	150,971	...	12,658	25,160	371	...	28	16	29,769	...	3,730	1,844	...	32	1,519	12	...	218
1903	...	203,105	...	8,360	47,159	14,688	1,334	437	...	27,203	...	1,825	5,346	2,887	...	236	1,110	...	98
1904	...	137,701	...	5,888	6,617	716	1	2,667	...	23,109	...	13,156	2,472	508	...	1	150	...	471
1905	...	146,339	...	88,143,312	121,700	2,197	300	1,217	...	16,888	...	5,396	3,511	1,836	...	3	27	64	656
1906	...	102,596	...	108,218	14,549	4,232	...	3,768	...	142,811	10	46,119	5,529	2,313	284	4,714	10,147	1,681	7,223
1907	...	205,702	...	77,181	27,438	427	266	4,291	...	81,265	187	7,495	7,064	414	1	64	41	1	4,972
1908	...	268,068	...	50,329	8,544	12,297	2,845	9,048	...	141,070	114	1,759	19,336	2,875	...	737	1,730	937	2,449
1909	...	56,711	...	71,737	21,823	1,513	134	7,687	...	39,424	99	28,714	4,011	7,348	...	403	1,421	164	1,639
1910	...	162,611	...	117,069	102,402	2,131	1,605	5,316	...	132,594	56	3,691	1,834	177	2	8	2,864	2	1,812
1911	...	124,660	...	59,248	117,689	1,266	12	2,998	...	58,174	6	5,817	2,895	1,596	50	85	1,654	803	210
1912	...	95,467	77,021	(b) 14,303	18,894	1,833	1,320	34,312	...	99,497	...	61,505	6,013	1,173	13	414	9,080	1,190	6,748
1913	...	78,848	70,379	16,407	60,427	5,811	115	15,386	...	37,750	192	5,134	3,704	615	...	4,085	2,893	1,322(c)	8,062
1914	...	89,224	37,115	9,770	37,498	6,696	2,000	20,345	...	68,449	...	17,779	2,012	31	9	1,627	10,075	5,503(c)	849
1915	...	13,679	88,349	26,079	90,508	13,196	922	5,662	...	30,098	...	377	8,209	9,388	3	1,981	705	2,072(c)	178
1916	...	70,836	90,582	13,099	35,300	1,651	194	30,205	...	16,735	1	19,841	1,467	206	861	5,075	5,474	1,475(c)	137
1917	...	45,021	109,610	10,953	21,440	1,265	...	691	...	58,039	32	17,013	1,886	28	12	69	589	2,579(c)	728
1918	...	82,159	205,584	14,077	119,746	257	31	3,351	...	122,263	1	8,834	3,713	556	7	3	485	7,200(c)	3,153
1919	...	124,040	104,227	33,681	81,385	8,061	4,400	69,689	...	91,263	157	51,581	6,327	3,033	59	842	8,309	13,221(c)	2,306

*I.—Deaths from Cholera in British Provinces, by months, during the year 1919.*

Province.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	RATIO PER 1,000 OF POPULATION.	
														1919.	1918.
...	...	...	...	...	1	6	10	9	40	...	...	...	66	'16	'007
...	10,376	11,069	22,438	28,485	17,136	6,977	4,365	2,858	2,752	2,710	5,933	9,840	124,549	2'8	1'8
and Orissa	1,998	2,422	5,930	14,139	16,355	19,193	15,267	14,337	6,234	3,159	2,909	2,784	104,727	3'0	5'9
...	2,350	1,912	4,593	8,522	6,025	4,285	2,339	779	492	582	839	1,252	33,980	5'61	2'32
Provinces of Agra and Oudh	57	31	65	6,786	15,967	21,241	9,824	10,593	9,627	5,399	1,067	508	81,365	1'74	2'56
...	...	...	...	35	273	1,436	3,762	1,464	1,190	101	...	...	8,561	'44	'01
West Frontier Province.	...	...	...	...	2	1,658	2,202	251	176	87	24	...	4,400	2'16	'01
Provinces of Bihar and Berar.	174	220	656	4,148	10,544	18,262	8,667	11,158	4,824	2,346	732	53	62,089	4'46	'24
Presidency	21,245	8,664	4,716	3,029	6,668	8,614	10,564	8,362	4,581	3,765	4,261	8,763	93,262	2'3	3'0
...	11	...	15	20	44	40	15	1	...	3	2	6	157	'90	'01
Presidency	6,892	4,855	1,573	2,867	6,060	6,523	13,111	7,563	1,304	468	251	84	51,551	2'63	'45
Lower...	852	887	832	1,019	1,091	658	1,193	871	512	589	404	404	9,327	1'53	'61
Upper...	181	84	204	261	365	632	691	438	236	264	265	312	3,933	1'06	'15
Merwara	...	...	...	1	...	...	1	27	22	...	8	...	59	'12	'01
Total ...	44,146	30,154	41,022	69,312	80,531	89,525	77,346	58,721	32,290	19,673	16,695	24,011	578,426	2'43	2'35

*K.—Details of the distribution and occurrence of Cholera during the year 1919.*

Province.	Mortality in 1919.	Mean mortality of previous 5 years.	Urban mortality.	Rural mortality.	Percentage of villages attacked.	Maximum mortality in any one district excluding towns.	Maximum mortality in any one town.	Month of maximum mortality.
...	'16	'08	...	...	2'58	...	...	September.
...	2'8	1'8	3'4	2'7	13'30	6'8	11'2	April.
and Orissa	3'0	3'0	2'5	3'0	12'79	13'0	14'6	June.
...	5'61	2'45	4'83	5'63	18'82	9'82	34'60	April.
Provinces of Agra and Oudh	1'74	1'27	1'27	1'77	5'66	6'58	12'28	June.
...	'44	'24	'63	'42	2'18	4'01	45'91	July.
West Frontier Province	2'16	'33	3'48	2'02	18'43	11'05	15'15	July.
Provinces and Berar	4'46	1'00	3'55	4'55	14'92	10'08	45'56	June.
Presidency	2'3	1'5	1'9	2'4	19'71	7'2	17'6	January.
...	'90	'04	1'10	'88	5'47	2'95	1'44	May
Presidency	2'63	'65	3'63	2'44	14'22	14'28	9'84	July
Lower	1'53	'57	1'96	1'46	10'19	4'24	11'97	July
Upper	1'06	'55	1'75	'99	5'88	3'20	16'11	July.
Merwara	'12	'37	...	...	'68	...	...	August.

L.—Small-pox mortality—1919.

Provinces, Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	North-West Frontier Province.	Central Provinces and Berar.	Madras Presidency.	Coorg.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara
<b>I.—Mortality by Provinces</b>														
<b>A.—Deaths by months—</b>														
January ... ..	10	868	458	40	1,024	1,108	41	500	5,401	20	535	91	77	...
February ... ..	8	1,382	546	75	850	1,153	43	843	5,320	26	268	163	256	...
March ... ..	8	3,224	882	113	1,064	1,166	27	1,192	5,694	63	1,005	282	452	...
April ... ..	9	6,170	1,192	189	1,772	1,442	37	1,452	5,490	75	997	218	564	...
May ... ..	6	7,125	1,536	200	2,282	2,108	76	1,326	4,324	117	826	154	406	...
June ... ..	15	6,518	1,474	258	1,949	2,717	107	906	3,779	80	558	101	323	...
July ... ..	4	3,786	1,154	131	999	1,862	159	424	3,080	29	345	95	164	...
August ... ..	...	1,945	685	80	460	822	93	193	2,441	28	195	84	54	...
September ... ..	...	1,291	350	60	177	452	68	122	1,722	20	168	62	16	...
October ... ..	2	721	251	30	71	360	62	84	1,505	12	165	35	43	...
November ... ..	2	1,017	515	58	98	725	194	88	1,411	14	222	39	24	...
December ... ..	...	2,680	1,084	191	210	1,418	220	92	1,637	14	416	66	24	...
Total ... ..	72	37,010	16,175	1,422	10,992	15,265	1,204	2,242	41,722	529	6,222	1,411	2,506	...
<b>B.—Annual death ratios</b>														
Ratio per 1,000 of population, 1919.	'18	'8	'2	'23	'23	'79	'59	'53	'10	'202	'22	'22	'67	...
Ratio per 1,000 of population, 1918.	'27	'2	'1	'40	'06	'16	'04	'16	'15	'27	'41	'12	'01	...
Difference ... ..	—'09	+ '6	+ '1	—'17	+ '17	+ '63	+ '55	+ '37	—'5	+ '275	—'19	+ '11	+ '66	...
Mean ratio per 1,000 during 1914-1918.	'12	'3	'2	'54	'11	'12	'06	'12	'8	'92	'20	'08	'01	...
Difference ... ..	+ '05	+ '5	...	—'31	+ '12	+ '67	+ '53	+ '41	+ '2	+ '210	+ '12	+ '15	+ '66	...
<b>II.—District mortality excluding towns</b>														
Number of districts affected.	Not available.	16	21	8	48	28	5	20	24	5	25	15	12	...
Highest district ratio ...	...	4'5	1'5	'67	'73	2'59	'68	1'75	2'1	5'90	'93	'40	1'27	...
Name of that district ...	...	Dinapur	Port.	Goalpara.	Buduan.	Montgomery.	Peshawar.	Elhaspur.	Bellary.	Mercara Taluk.	West Khandesh.	Toungo.	Mandalay	...
Lowest district ratio ...	...	'1	'03	'02	'004	'02	'07	'001	'5	'69	'03	'02	'01	...
Name of that district ...	...	Khulna	Darbhanga.	Newgong.	Khari.	Muzaffargarh.	Dera Ismail Khan.	Jubbulpore.	Cuddapah.	Yedera-Kuad Taluk.	Ayderabad.	Hezard.	Kyaukse.	...
Number of districts without mortality.	...	...	...	...	...	...	...	2	...	...	1	3	...	...
District death rate per 1,000 of population.	...	'8	'2	'24	'16	'24	'45	'40	'10	2'15	'22	'09	'29	...
<b>III.—Town mortality</b>														
Number of towns affected	Not available.	92	43	7	81	128	11	76	197	2	65	27	18	...
Highest town ratio ...	...	7'0	7'3	1'52	6'00	8'28	7'51	5'45	9'4	1'12	8'55	5'28	19'48	...
Name of that town ...	...	Baranagar	Chalissa	Mangaldai	Rae Bareilly	Una.	Nawan-shahr (notified area.)	Mangrul Dasgir.	Rajahmundry.	Mercara.	Sholapur	Mowlam-yamgyun	Myingyan.	...
Lowest town ratio ...	...	'03	'05	'06	'02	'05	'20	'03	'2	'81	'04	'04	'07	...
Name of that town ...	...	Berhampore.	Hazri-bagh.	Dibrugarh	Muttra.	Karnal.	Lakhi (notified area.)	Jubbulpore.	Tenkal.	Vitajpet.	Surat.	Tavoy.	Pymans	...
Number of towns without mortality.	...	24	14	13	22	17	2	35	72	...	47	14	3	...
Town death rate per 1,000 of population.	...	'4	'5	'06	1'24	1'33	1'92	'93	'12	1'00	'28	1'16	3'68	...
<b>V.—Infantile mortality</b>														
Children under one year	Not available.	929	766	190	3,124	3,848	392	1,990	12,211	2	1,124	84	220	...
Children 1—10 years ...	...	2,502	1,547	359	5,591	7,862	688	3,520	12,528	3	2,811	222	718	...
Percentage of children in total small-pox mortality.	...	9'30	22'73	49'43	78'55	79'21	81'22	75'05	61'94	'95	67'96	21'76	41'42	...

\*Excluding Delhi and Ajmer-Merwara

M.—Fever mortality—1919.

Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Cawh.	Punjab.	North-West Frontier Province.	Central Provinces and Berar.	Madras Presidency.	Coorg.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara.	Registration India.
<b>Mortality by Provinces:—</b>															
<b>Deaths by months—</b>															
January ...	794	160,519	123,308	12,268	323,088	40,038	6,188	38,608	44,536	225	38,693	13,015	6,405	1,212	809,687
February ...	562	113,141	78,432	10,167	163,084	27,574	4,282	22,020	29,306	173	23,970	7,924	3,487	1,032	484,874
March ...	671	112,427	71,214	9,705	110,836	25,142	3,106	21,618	27,529	249	22,392	6,165	3,801	984	416,221
April ...	857	99,281	66,612	10,077	101,556	22,955	2,826	19,901	23,841	374	20,840	5,696	3,118	879	318,002
May ...	1,163	81,167	59,271	11,025	105,656	25,498	2,749	19,517	28,333	395	20,670	4,641	2,614	849	267,558
June ...	1,347	69,824	60,560	14,036	104,454	20,498	2,838	21,537	32,859	663	17,158	5,050	2,272	720	364,816
July ...	529	73,376	67,736	15,599	81,921	23,019	4,239	19,186	42,190	578	19,406	7,066	2,716	455	359,859
August ...	461	72,180	85,046	16,093	82,832	20,050	3,219	27,585	39,281	563	22,485	6,792	3,179	837	382,487
September ...	879	66,683	78,755	14,212	93,989	39,837	2,784	39,327	30,851	327	19,638	5,682	3,084	1,056	408,824
October ...	1,183	85,345	82,359	13,967	119,423	39,441	3,421	39,193	20,588	325	21,346	4,921	3,659	1,099	437,771
November ...	1,280	115,921	89,692	12,976	148,089	39,742	4,030	26,139	32,199	392	21,769	5,225	3,466	1,168	502,688
December ...	954	158,481	95,330	12,270	131,514	38,231	4,249	24,111	41,776	276	26,192	5,898	4,699	910	554,792
<b>Total</b> ...	<b>10,574</b>	<b>1,279,757</b>	<b>970,655</b>	<b>154,425</b>	<b>1,575,612</b>	<b>365,745</b>	<b>44,691</b>	<b>204,742</b>	<b>403,499</b>	<b>4,350</b>	<b>274,759</b>	<b>77,016</b>	<b>47,112</b>	<b>11,654</b>	<b>5,468,181</b>
<b>Annual death rates—</b>															
per 1,000 of population, 1918.	25'38	27'1	28'1	25'52	31'66	18'68	21'60	21'90	10'1	24'86	14'03	12'28	11'22	22'05	22'93
per 1,000 of population, 1919.	69'95	30'0	49'0	26'25	68'72	66'56	65'74	82'41	22'4	14'82	65'53	20'67	17'02	95'34	49'69
<b>Difference</b> ...	<b>-44'57</b>	<b>-2'9</b>	<b>-11'9</b>	<b>-7'3</b>	<b>-35'06</b>	<b>-47'68</b>	<b>-44'14</b>	<b>-60'51</b>	<b>-12'3</b>	<b>+10'04</b>	<b>-51'52</b>	<b>-7'89</b>	<b>-5'70</b>	<b>-72'29</b>	<b>-23'26</b>
<b>Ratio per 1,000 during 1914-1918.</b>	27'93	23'3	24'4	17'39	31'99	29'00	30'28	30'19	10'5	22'31	23'78	10'50	10'07	49'43	23'26
<b>Difference</b> ...	<b>-2'15</b>	<b>+3'8</b>	<b>+3'7</b>	<b>+8'13</b>	<b>+1'67</b>	<b>-10'12</b>	<b>-8'68</b>	<b>-8'29</b>	<b>-4</b>	<b>+2'55</b>	<b>-9'75</b>	<b>+2'28</b>	<b>+1'25</b>	<b>-24'58</b>	<b>-4'5</b>
<b>District mortality excluding towns:—</b>															
Number of districts affected.	Not available.	26	21	8	48	25	5	22	24	5	16	18	12	Not available.	243
Best district ratio ...	Not available.	51'8	63'1	35'68	48'17	25'96	24'39	35'55	26'3	34'32	26'27	24'42	18'91	Not available.	63'1
Name of that district ...	Not available.	Birbhum.	Angul.	Goalpara.	Sitapur	Gurgaon.	Peshawar.	Damoh.	Ganjam.	Padina I Kood Taluk.	Thann.	Tavoy.	Mandalay.	Not available.	Angul.
Worst district ratio ...	Not available.	14'7	17'5	18'70	22'44	14'28	19'14	7'25	3'2	21'37	5'47	5'55	7'55	Not available.	3'8
Name of that district ...	Not available.	Howrah.	Saran.	Lakhimpur.	Debra-Dun.	Simla.	Bannu.	Boldana.	Anantapur.	Kiggatund Taluk.	Belgaum.	Maubin.	Sagalong.	Not available.	Anantapur.
Number of districts without mortality.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Best district death rate per 1,000 of population.	...	28'2	28'5	25'85	34'96	19'22	22'06	22'76	10'6	25'82	14'82	13'19	11'66	...	...
<b>Town mortality:—</b>															
Number of towns affected.	Not available.	116	57	20	93	145	13	111	268	2	112	41	21	Not available.	999
Best town ratio ...	Not available.	25'8	39'3	28'25	64'90	37'47	32'78	59'45	34'8	9'09	31'00	22'28	20'61	Not available.	63'00
Name of that town ...	Not available.	Khirpal.	Colgong.	Nazira.	Etindaban.	Choharkana Mandl.	Nowshera Kalan (notified area.)	Bhatapara.	Russellkonda.	Mercara.	Garhi Yasin.	Tavoy.	Myituge	Not available.	Etindaban.
Worst town ratio ...	Not available.	4'3	2'6	1'57	7'74	4'62	9'04	1'79	1'1	8'89	2'45	2'03	3'29	Not available.	1
Name of that town ...	Not available.	Jhala-katl.	Dharwad.	Dibroghar.	Gangoh.	Badomali.	Bannu.	Talgaon.	Gooty.	Virajpet.	Islamper.	Danahyer.	Shwebo.	Not available.	Gooty.
Number of towns without mortality.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Worst town death rate per 1,000 of population.	...	11'3	17'2	8'83	20'31	15'50	17'26	1'3'40	6'7	9'02	9'91	10'01	7'67	...	12'19*

\*Excluding Delhi and Ajmer-Merwara.

## N.—Dysentery and Diarrhœa mortality—1919.

Provinces, Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	North-West Frontier Province.	Central Province and Siam.	Madras Presidency.	Coorg.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara.
<b>I.—Mortality by Provinces:—</b>														
<b>A.—Deaths by months—</b>														
January ... ..	19	2,918	3,029	1,030	918	492	11	2,697	8,408	6	2,436	631	176	17
February ... ..	13	2,741	2,535	939	610	335	46	2,115	5,809	7	1,997	593	125	14
March ... ..	32	2,444	3,980	1,233	748	418	10	2,184	4,821	4	1,951	586	151	25
April ... ..	46	2,549	2,991	1,697	1,230	565	24	2,522	4,357	25	2,039	690	132	60
May ... ..	48	2,365	2,891	1,035	1,428	847	25	2,163	5,394	19	2,578	1,084	205	71
June ... ..	23	2,957	3,400	2,020	1,352	707	23	2,617	6,423	59	3,171	1,316	292	24
July ... ..	15	2,122	4,539	2,082	1,301	543	66	4,118	7,958	20	5,079	1,927	428	31
August ... ..	40	2,157	5,716	2,061	1,933	748	18	6,921	7,685	23	6,417	1,747	417	52
September ... ..	100	2,122	3,602	1,791	1,821	1,212	22	6,775	5,774	33	4,438	1,264	355	64
October ... ..	59	2,138	3,657	2,014	1,481	1,043	42	4,662	5,954	30	3,491	794	273	33
November ... ..	42	2,478	3,427	1,953	1,317	917	19	3,148	5,380	21	2,388	625	193	42
December ... ..	49	3,271	4,025	1,523	1,182	812	21	2,500	7,163	25	2,288	563	250	22
Total ... ..	492	28,874	45,092	20,177	15,321	8,690	347	44,612	74,074	272	38,317	11,794	3,057	455
<b>B.—Annual death ratios—</b>														
Ratio per 1,000 of population, 1919.	1'18	'6	1'3	3'35	'33	'45	'27	3'21	1'9	1'55	1'96	1'93	'82	'93
Ratio per 1,000 of population, 1918.	'95	'6	1'0	2'07	'45	'54	'14	3'02	2'0	'45	1'64	1'38	'75	1'13
Difference ... ..	+23	...	+3	+128	—12	—9	+13	+19	—1	+110	+32	+55	+7	—20
Mean ratio per 1,000 during 1914-1918.	'89	'6	'9	2'31	'42	'70	'21	3'05	1'7	'59	1'81	1'44	'66	1'41
Difference ... ..	+29	...	+4	+101	—9	—25	—6	+16	+2	+96	+15	+79	+16	—48
<b>II.—District mortality excluding towns:—</b>														
Number of districts affected.	...	25	21	8	48	28	5	22	24	5	25	18	12	...
Highest district ratio ...	...	4'5	10'8	7'97	3'86	2'06	'63	9'39	5'7	1'95	3'59	2'71	1'18	...
Name of that district ...	Not available.	Howrah.	Puri.	Lakhimpur.	Garhwal.	Simla.	Dera Ismail Khan.	Akola.	Nilgiris.	Narajapatna Taluk.	Poona.	Akyab.	Sagaing.	...
Lowest district ratio ...	...	'01	'01	'78	'01	'03	'01	'57	'4	'30	'05	'44	'14	...
Name of that district ...	Not available.	Malda.	Purnea.	Goalpara.	Pilibhit	Muzaffargarh.	Kohat.	Balaghat.	Nilore.	Kiggatnad Taluk.	Upper Sind Frontier.	Toongoo.	Mandalay.	Not available.
Number of districts without mortality.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
District death rate per 1,000 of population.	...	'5	1'2	3'32	'13	'33	'10	3'15	1'6	'89	1'77	1'61	'60	...
<b>III.—Town mortality:—</b>														
Number of towns affected	...	112	52	19	87	128	12	109	244	2	106	41	21	...
Highest town ratio ...	...	11'9	20'6	8'23	7'87	7'91	2'35	14'17	11'4	21'01	6'80	8'82	29'96	...
Name of that town ...	Not available.	Barranagar.	Puri.	Sylhet.	Rath.	Palwal.	Kulachi.	Balgao.	Madras.	Virajpet.	Pandharpur.	Zigon.	Meiktila.	...
Lowest town ratio ...	...	'2	'1	'42	'02	'16	'06	'18	'1	7'50	'14	'10	'19	...
Name of that town ...	Not available.	Chakdab.	Katihar.	Maulvi Bazar.	Lakhimpur.	Nankana Sahib.	Kohat.	Badnera.	Tenkasi.	Mercara.	Godhra.	Thonze.	Shwebo.	Not available.
Number of towns without mortality.	...	4	5	1	6	17	1	2	25	...	6	...	...	...
Town death rate per 1,000 of population.	...	2'2	2'7	4'79	3'09	1'65	'83	3'70	3'7	12'52	2'93	4'68	3'19	...

\* Excluding Delhi and Ajmer-Merwara.

O.—Plague mortality—1919.

Province or State.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.		
													1919.	1918.	
<b>BRITISH PROVINCES.</b>															
...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	186
...	15	52	110	127	85	13	9	...	...	...	...	...	4	424	289
Orissa...	1,357	3,664	6,797	2,075	379	127	33	50	79	73	103	872	15,601	53,512	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Provinces of Agra and Oudh	1,079	3,322	6,202	3,096	848	80	13	74	64	48	279	1,075	17,240	174,805	
...	120	444	1,860	3,822	3,420	715	58	14	68	200	172	118	11,068	95,615	
East Frontier Province	...	...	...	...	1	...	...	...	1	1	...	...	...	3	304
Provinces and Berar	165	605	684	327	63	...	84	326	801	961	2,113	3,090	9,219	11,093	
Presidency	1,267	947	379	68	30	76	219	325	466	401	459	920	5,658	12,859	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency	801	593	745	642	491	194	307	709	1,188	1,357	1,265	1,324	9,626	79,178	
Lower ...	351	337	332	236	184	147	357	178	129	48	35	144	2,478	5,185	
Upper ...	446	535	472	68	14	3	8	11	16	42	88	197	1,919	3,655	
Rawalpindi	...	6	25	16	...	...	...	...	...	...	...	...	...	47	2,719
<b>TOTAL</b> { 1919 ...	5,710	10,596	17,744	12,277	5,524	1,354	1,688	1,690	2,812	3,131	4,604	7,754	74,184	...	
... { 1918 ...	92,812	97,185	105,920	77,006	34,618	5,530	4,513	4,455	5,958	5,328	2,719	3,589	...	440,752	
<b>INDIAN STATES, ETC.</b>															
Indian States	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madhya Pradesh Indian States	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Indian States	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Provinces of Agra and Oudh States.	...	13	30	8	...	25	...	...	...	...	...	10	26	2,379	
Indian States	50	95	429	51	203	159	60	13	...	...	...	77	1,594	18,724	
Jammu and Kashmir States	...	...	...	...	...	...	...	...	...	...	4	...	4*	3,136*	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
...	22	30	32	13	43	1	...	...	...	...	...	...	141	79,040	
India	53	135	241	147	13	...	...	6	23	100	58	242	1,058	10,509	
States in Central Provinces	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	1	9	49	30	10	6	3	...	2	...	...	4	114	18,427	
Presidency Indian States	151	257	147	183	232	88	159	359	511	433	258	247	3,075	24,462	
Indian States	17	15	10	5	2	...	5	10	12	17	23	27	153	195	
Madhya Pradesh State	870	1,339	603	83	13	...	118	965	1,683	2,205	2,216	1,921	12,096	15,120	
...	801	599	340	79	40	96	209	572	717	627	424	459	4,871	6,213	
Police, Civil and Military Station	141	130	102	69	71	74	86	89	68	83	83	89	1,085	1,204	
Indian States	...	...	...	...	...	...	14	7	...	...	...	...	27	9	
<b>TOTAL</b> { 1919 ...	2,106	2,530	1,681	1,136	627	420	793	2,031	2,016	2,465	3,186	3,086	24,198	...	
... { 1918 ...	30,896	43,754	40,775	25,366	11,709	2,617	7,556	2,439	4,088	4,876	1,798	1,451	...	180,525	
<b>GRAND TOTAL</b> { 1919 ...	7,816	13,126	19,427	13,413	6,151	1,773	1,791	2,721	5,828	6,596	7,790	10,840	98,382	...	
... { 1918 ...	122,718	141,029	146,774	102,572	46,337	8,147	6,089	6,894	10,046	10,204	4,517	5,040	...	621,277	
City	1	20	82	118	80	13	9	...	...	...	...	3	334	210	
City	4	11	112	255	216	41	19	19	9	6	3	2	697	1,123	
City	8	5	1	...	...	...	...	...	...	...	...	...	14	22	

\* Jammu Province only.

## P.—Mortality from Respiratory Diseases—1919.

Provinces, Districts, Towns.	Delhi.	Bengal.	Bihar and Orissa.	Assam.	United Provinces of Agra and Oudh.	Punjab.	North-West Frontier Province.	Central Provinces and Berar.	Madras Presidency.	Coorg.	Bombay Presidency.	Lower Burma.	Upper Burma.	Ajmer-Merwara.
<b>I.—Mortality by Provinces:—</b>														
<b>A.—Deaths by months:—</b>														
January ... ..	407	2,477	1,099	14,858	2,215	3,603	112	3,816	4,851	3	10,035	692	340	33
February ... ..	397	2,434	829	6,173	3,107	2,047	109	3,190	3,637	1	8,354	552	283	32
March ... ..	312	2,212	835	6,056	1,900	2,895	95	3,407	3,684	...	8,598	571	313	21
April ... ..	358	1,855	658	4,449	1,768	2,588	79	2,945	3,242	5	8,159	570	284	35
May ... ..	395	1,891	632	2,328	1,792	3,375	73	3,080	3,606	3	8,213	529	215	24
June ... ..	308	1,115	699	1,708	1,328	3,456	91	2,817	3,228	5	6,592	745	236	16
July ... ..	325	1,516	783	2,597	1,571	2,258	124	2,769	4,205	3	7,235	705	295	15
August ... ..	357	1,339	767	2,861	1,945	2,354	82	3,663	4,260	7	8,504	698	318	21
September ... ..	413	1,181	833	1,883	2,160	2,897	73	3,862	3,976	1	7,571	576	295	18
October ... ..	458	1,634	692	1,930	2,377	3,263	103	4,018	4,375	1	8,033	624	301	23
November ... ..	508	2,175	733	1,978	2,690	3,787	88	3,165	4,408	3	7,537	709	275	23
December ... ..	574	2,287	926	1,249	2,715	4,340	106	4,197	4,912	12	9,391	661	312	33
Total ... ..	4,753	22,117	9,426	48,212	25,768	37,813	1,235	41,630	48,964	44	95,633	7,633	3,691	284
<b>B.—Annual death ratios:—</b>														
Ratio per 1,000 of population, 1919.	11'41	'5	'2	7'98	'55	1'96	'60	2'99	1'2	'25	5'04	1'25	'94	'36
Ratio per 1,000 of population, 1918.	17'51	'5	'2	8'06	'63	2'73	'67	4'33	1'6	'17	6'11	1'47	1'31	1'24
Difference ... ..	-6'10	...	...	-.08	-.13	-.77	-.07	-1'34	-.4	+0'8	-1'07	-.22	-.37	-.68
Mean ratio per 1,000 during 1914-18.	11'86	'3	'2	2'24	'57	2'00	'82	1'55	1'2	'23	4'28	1'02	'89	1'04
Difference ... ..	-.45	+2	...	+5'74	-.02	-.04	-.22	+1'44	...	+0'02	+7'6	+1'23	+1'03	-.48
<b>II.—District mortality excluding towns:—</b>														
Number of districts affected.	...	26	21	8	48	28	5	22	24	1	25	18	12	...
Highest district ratio ...	...	1'0	3'2	25'40	9'69	6'40	'44	11'28	3'5	'21	10'05	1'18	'95	...
Name of that district ...	Not available.	Howrah.	Puri.	Lakhimpur.	Hamirpur.	Gurdaspur.	Dera Ismail Khan.	Jabalpur.	Nilgiris.	Yedanal Kund Taluk.	Scrat.	Pyapon.	Shwebo.	Not available.
Lowest district ratio ...	...	'003	'001	'23	'01	'14	'05	'25	'3	...	'14	'01	'01	...
Name of that district ...	Not available.	Neakball.	Champaran.	Kamrup.	Mutra.	Montgomery.	Peshawar.	Seoni.	Ganjam.	...	Upper Sind Frontier.	Toangoo.	Kyaekse.	Not available.
Number of districts without mortality.	...	...	...	...	...	...	...	...	...	4	...	...	...	...
District death rate per 1,000 of population.	...	'1	'2	7'98	'23	1'62	'22	2'78	1'0	'02	3'59	'47	'33	...
<b>III.—Town mortality:—</b>														
Number of towns affected	...	112	51	16	87	145	22	109	207	2	108	39	22	...
Highest town ratio ...	...	11'5	4'3	25'65	18'93	13'04	6'89	13'89	10'2	5'10	23'18	11'73	12'23	...
Name of that town ...	Not available.	Manikata.	Sambalpur.	Dhubri.	Raib.	Amritsar.	Peshawar.	Jabalpur.	Madras.	Mercara.	Deballi Cantonment.	Paugde.	Shwebo.	...
Lowest town ratio ...	...	'1	'03	1'31	'09	'13	1'37	'37	'1	2'16	'15	'28	'28	...
Name of that town ...	Not available.	Murshidabad.	Bettiah.	Karimganj.	Shikohabad.	Pakpatan.	Nowshera Kalan. (Notified area.)	Mohpa.	Hobbi.	Virajpet.	Garhi Yasin.	Minhia.	Meiktila.	Not available.
Number of towns without mortality.	...	4	6	4	6	...	1	2	62	...	4	2	1	...
Town death rate per 1,000 of population.	...	5'8	'8	7'91	5'08	5'32	4'35	5'07	2'5	4'01	14'02	6'45	7'33	...

\*Excluding Delhi and Ajmer-Merwara.

A.—Administrations.	Years.	Average Strength.	Constantly Sick.	Cholera.		Small-pox.		Malaria.		Tubercle of the lungs.		Pneumonia.		Respiratory Diseases.		Dysentery.		Diarrhoea.		Anæmia and Debility.		All causes.			
				A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
				A.—ADMISSIONS } FROM D.—DEATHS }																					
Burma	1909-1918	16,682	16	7	56	2	04	305	28	94	450	42	144	112	60	196	172	75	16	370	02	3100	1773		
	1918	14,068	23	58	329	3	14	241	36	179	520	124	647	109	71	178	149	38	36	31	21	5502	2559		
	1919	13,387	20	58	329	10	45	290	30	168	613	52	217	76	22	317	373	49	30	35	15	3444	2852		
Assam	1909-1918	1,805	43	12	55	3	...	1697	238	67	327	126	371	329	127	1696	802	1254	87	120	122	1,0149	3169		
	1918	2,249	55	...	...	4	...	579	44	58	400	89	133	400	44	663	85	1454	44	44	...	1,2050	2134		
	1919	2,071	48	...	...	5	...	1109	97	48	97	72	48	285	48	1883	48	1883	97	24	...	1,0833	2463		
Bengal	1909-1918	12,815	50	10	58	4	05	2817	157	109	355	114	258	436	89	1758	517	1174	83	178	58	1,0944	2135		
	1918	15,511	61	17	64	4	...	3557	116	111	301	157	300	477	90	1986	535	1406	71	152	32	1,4887	2166		
	1919	14,611	59	31	123	8	34	4071	110	81	226	122	198	532	62	1788	493	1604	82	89	55	1,4285	2293		
Bihar and Orissa	1909-1918	7,397	40	25	109	5	05	2682	122	174	484	83	268	330	96	1314	731	1012	112	208	82	8864	2967		
	1918	8,660	76	60	231	3	...	3183	230	473	934	130	648	510	150	2490	1840	1421	150	441	104	1,5273	6597		
	1919	8,170	52	68	266	19	23	2936	125	160	388	100	342	511	57	2014	1619	1518	331	164	91	1,2513	4664		
United Provinces of Agra and Oudh	1909-1918	24,822	22	6	30	4	00	1014	77	71	232	126	271	213	75	294	213	178	90	72	24	4621	1788		
	1918	25,682	20	7	22	5	...	891	54	77	227	148	481	223	135	320	268	199	85	102	74	6810	4646		
	1919	30,891	18	11	58	19	06	1473	139	74	214	143	411	206	133	399	359	192	162	66	32	5148	2467		
Punjab	1909-1918	12,678	35	1	06	3	02	1761	56	166	573	233	491	492	101	381	235	401	128	250	58	7512	2788		
	1918	13,372	52	...	...	2	07	2014	157	66	411	302	748	525	138	175	237	208	85	102	74	6810	4646		
	1919	14,301	37	3	14	7	...	3301	147	76	273	193	482	462	98	96	28	397	140	220	105	1,0031	2189		
North-West Frontier Province	1909-1918	2,105	25	0	05	3	05	4018	82	53	164	224	597	319	146	617	204	224	105	90	16	8781	2938		
	1918	2,453	23	...	...	...	...	3375	...	23	122	211	978	224	326	628	397	208	143	143	14	1,0444	5503		
	1919	2,367	22	...	...	8	...	2860	...	68	127	148	338	249	127	262	296	194	...	30	84	6075	2239		
Central Provinces	1909-1918	3,789	16	2	03	5	03	2870	55	70	305	68	101	153	501	501	491	251	...	63	40	4312	2393		
	1918	3,670	22	...	...	...	...	6306	82	57	212	73	103	179	103	250	297	204	170	38	54	7317	4811		
	1919	4,212	13	21	95	19	...	534	95	43	142	90	190	142	71	235	166	138	166	21	...	3245	1638		
Bombay	1909-1918	9,371	24	7	28	5	02	1263	88	44	163	143	443	345	95	375	131	375	97	78	41	5981	2095		
	1918	10,066	31	...	...	2	04	1894	70	67	218	200	307	317	90	317	390	300	70	63	11	1,0400	3824		
	1919	12,108	32	10	66	12	08	2274	83	76	297	275	710	415	107	785	173	600	121	11	08	8861	2337		
Madras	1909-1918	9,805	18	25	68	5	04	4670	58	84	265	49	124	201	47	379	203	87	16	76	39	3715	1530		
	1918	10,138	20	6	39	21	...	278	20	83	266	71	236	156	40	468	206	77	20	64	10	4355	2584		
	1919	11,496	25	30	148	15	35	244	52	117	513	52	183	164	87	762	583	57	52	43	09	5603	3706		
India†	1909-1918	102,348	28	8	40	4	04	1410	32	98	312	118	290	280	84	607	297	415	78	117	12	6441	2125		
	1918	107,359	32	...	...	5	05	1712	58	123	373	160	338	171	120	720	355	527	90	145	35	6998	2745		
	1919	115,499	31	24	121	13	18	1978	106	95	312	136	360	307	94	722	420	517	128	81	42	7815	2697		
Andamans	1909-1918	12,278	65	...	...	0	...	9119	271	67	477	173	696	608	175	874	534	396	72	3	11	1,5604	3573		
	1918	12,256	70	...	...	1	...	8638	240	66	544	168	770	625	104	940	614	537	170	9	11	1,6052	4776		
	1919	12,309	70	...	...	1	...	1,2047	487	71	439	125	626	562	219	1306	999	486	138	24	16	1,8105	4582		
India‡	1909-1918	120,215	41	7	36	4	03	2300	102	95	356	124	374	315	94	615	323	413	78	103	38	7161	2275		
	1918	120,215	41	...	...	5	04	2452	102	117	391	160	57	352	121	723	358	358	88	131	52	1,0852	4591		
	1919	127,808	35	22	110	12	16	2917	142	92	324	135	886	332	106	778	476	541	129	75	39	8896	2879		

† Excluding Subsidiary jails.  
 ‡ The decennial ratios are worked on the total strength of the ten year period.  
 § Including Delhi, Sibi, Quetta, Ajmer, Secunderabad, Meerava and excluding Andamans.

RATIO PER MILLE OF STRENGTH.\*

A.—ADMISSIONS } FROM  
D.—DEATHS }

B.—Group.

Years.

Average strength.†

Constantly Sick.

Influenza.

Cholera.

Small-pox.

Enteric Fever.

Malaria.

Pyrexia of uncertain origin.

Pneumonia.

Dysentery.

Diarrhoea.

All causes.

Group	Years	Average strength.†	Constantly Sick.	Influenza.		Cholera.		Small-pox.		Enteric Fever.		Malaria.		Pyrexia of uncertain origin.		Pneumonia.		Dysentery.		Diarrhoea.		All causes.	
				A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
I.—Berma Coast and Bay Islands.	1909-1918	11,048	17	204	07	3	19	2	05	37	375	78	314	03	37	114	206	191	173	72	12	3158	179
	1919	8,531	21	295	88	5	141	4	22	11	11	11	169	12	169	404	185	164	370	56	22	4718	2117
II.—Burma Inland	1909-1918	4,697	15	29	04	17	139	3	04	15	30	50	164	02	53	209	173	131	60	58	2948	1740	
	1919	4,499	28	309	44	127	727	25	114	80	45	280	164	02	137	574	175	131	20	66	2948	1740	
III.—Assam	1909-1918	1,712	43	52	03	13	58	3	03	11	29	1973	228	47	89	140	1655	800	1237	08	68	4212	4274
	1919	1,965	49	156	65	15	153	5	05	10	57	1028	51	47	61	140	529	51	1929	51	51	10316	2392
IV.—Bengal and Orissa	1909-1918	13,675	49	214	27	11	42	5	05	26	2022	145	48	04	107	252	1727	535	1146	82	1,0984	3173	
	1919	15,797	61	1048	61	18	42	10	32	31	331	120	57	06	158	324	2018	587	1396	102	5692	2078	
V.—Gangetic Plain and Chota Nagpur.	1909-1918	22,140	28	302	10	10	33	4	02	21	1211	109	132	06	92	480	1007	597	478	102	5692	2078	
	1919	24,359	43	359	18	21	50	7	03	33	1527	103	132	12	151	480	1007	597	478	102	5692	2078	
VI.—Upper Sub-Himalaya	1909-1918	14,691	30	371	36	10	28	5	03	20	1819	72	132	03	222	472	311	183	363	117	6981	2267	
	1919	16,112	40	287	43	2	06	9	05	23	2316	97	189	04	250	670	213	267	102	87	1,109	5538	
VII.—North-West Frontier, Indus valley and North Western Rajputana.	1909-1918	10,366	31	344	36	0	03	5	05	23	2041	136	277	04	250	670	213	267	102	87	1,109	5538	
	1919	11,474	39	190	270	3	17	15	09	14	1972	57	9	22	119	490	225	121	271	80	4270	1726	
VIII.—South Western Rajputana, Central India and Gujrat.	1909-1918	4,370	21	221	54	8	34	4	03	22	506	22	2	02	119	490	225	121	271	80	4270	1726	
	1919	5,187	12	194	24	2	19	15	01	15	664	46	181	02	119	490	225	121	271	80	4270	1726	
IX.—Deccan	1909-1918	8,406	30	424	79	21	128	3	01	22	506	22	2	02	119	490	225	121	271	80	4270	1726	
	1919	10,176	25	219	79	2	09	15	01	15	664	46	181	02	119	490	225	121	271	80	4270	1726	
X.—Western Coast	1909-1918	2,199	19	116	73	2	09	15	01	15	664	46	181	02	119	490	225	121	271	80	4270	1726	
	1919	2,818	20	117	75	2	09	15	01	15	664	46	181	02	119	490	225	121	271	80	4270	1726	
XI.—Southern India	1909-1918	9,039	18	161	110	16	74	5	03	7	09	46	28	03	22	256	22	256	22	256	22	256	22
	1919	10,368	24	200	1206	6	39	14	29	10	240	48	68	03	22	256	22	256	22	256	22	256	22
XII.—Hills	1909-1918	686	37	656	221	0	00	7	01	15	2286	221	377	03	22	256	22	256	22	256	22	256	22
	1919	1,162	24	826	602	0	00	17	01	15	2286	221	377	03	22	256	22	256	22	256	22	256	22
Andamans	1909-1918	102,348	28	290	191	8	40	4	04	26	167	88	162	06	21	169	102	377	515	86	7762	1979	
	1919	115,499	30	250	1846	9	37	13	05	26	1712	88	162	06	21	169	102	377	515	86	7762	1979	
India	1909-1918	12,309	70	186	609	0	00	11	01	15	2286	221	377	03	22	256	22	256	22	256	22	256	22
	1919	127,808	35	614	407	2	110	12	16	142	2947	142	142	08	135	386	778	476	511	129	8806	2879	

C.—Causes of admission.	Years.*	Months												Total.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
...	1915	...	2	7	1	3	...	5	12	8	2	5	1	45
	1916	...	...	5	4	1	4	50	9	...	2	...	...	73
	1917	4	...	1	3	4	2	28	4	...	44	11	...	101
	1918	1	1	9	11	35	2	23	4	...	...	2	12	161
	1919	...	4	13	31	21	28	91	47	32	7	3	2	279
Total	1915-1919	5	7	35	50	65	36	197	76	43	53	23	15	605
Fever	1915	5	4	9	18	10	12	20	9	9	...	8	6	117
	1916	4	8	9	18	20	12	20	20	10	14	7	7	159
	1917	9	4	5	9	9	4	8	10	2	8	9	4	81
	1918	5	11	6	10	8	15	11	8	7	6	5	3	95
	1919	1	4	2	12	14	7	6	2	10	5	2	...	65
Total	1915-1919	24	31	31	67	61	50	75	49	38	40	31	20	517
...	1915	881	677	850	972	1,083	941	1,303	1,506	1,601	1,557	1,851	1,527	14,651
	1916	896	849	976	942	1,063	965	1,263	1,750	2,171	2,068	2,066	1,205	17,518
	1917	916	851	1,104	1,133	1,163	1,196	1,262	1,645	2,053	2,433	2,621	2,054	20,231
	1918	1,281	1,099	1,271	1,297	1,425	1,219	1,737	1,635	2,194	1,773	1,650	1,136	18,378
	1919	1,070	904	1,140	1,257	1,309	1,515	1,695	1,817	2,232	2,781	2,203	1,836	22,840
Total	1915-1919	5,140	4,359	5,344	5,701	6,143	5,835	7,160	8,654	12,151	13,612	11,531	8,008	93,527
... of uncertain origin	1915	80	71	84	119	149	183	231	212	162	173	172	158	1,755
	1916	113	246	187	188	226	188	240	281	249	191	197	136	2,442
	1917	109	67	83	98	174	355	184	152	162	120	112	117	1,533
	1918	126	89	79	105	176	201	254	242	96	166	121	60	1,725
	1919	72	115	145	126	196	280	224	161	142	106	63	61	1,794
Total	1915-1919	500	588	588	626	921	1,007	1,124	1,151	811	755	665	522	9,289
...	1915	451	315	400	456	473	519	719	939	642	611	666	603	6,804
	1916	435	352	506	450	492	542	940	953	676	614	530	433	6,934
	1917	281	349	412	381	326	403	610	669	547	571	605	666	5,840
	1918	597	442	657	672	579	561	691	672	712	780	754	662	7,728
	1919	526	531	605	696	620	648	1,038	947	718	706	716	583	8,334
Total	1915-1919	2,380	1,989	2,582	2,642	2,490	2,703	3,098	4,181	3,256	3,282	3,280	2,697	35,640
...	1915	227	213	247	466	379	410	467	590	456	368	383	383	4,519
	1916	279	93	458	376	345	397	714	640	432	354	379	330	5,023
	1917	268	270	292	353	393	400	534	467	521	428	407	341	4,804
	1918	355	284	646	599	554	480	539	419	463	463	420	328	5,660
	1919	304	336	501	554	583	540	839	715	603	516	477	360	6,318
Total	1915-1919	1,433	1,496	2,344	2,318	2,254	2,227	3,093	2,741	2,455	2,159	2,076	1,728	26,224

\* Excluding Andamans.

D.—EXCESSIVE MORTALITY FROM PRINCIPAL DISEASES.	INFLUENZA.			CHOLERA.			SMALL-POX.			ENTERIC FEVER.			MALARIA.			PYREXIA OF UNCERTAIN ORIGIN.			TUBERCLE OF THE LUNGS.			PNEUMONIA.		
	Years.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	
		Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.
1910	194	42	21.6%	42	4	9.5%	37	3	8.1%	43	48	11.1%	1,259	88	7.0%	59	4	6.7%	853	374	43.8%	1,079	358	32.8%
1911	97	19	19.5%	19	3	3.1%	43	3	7.0%	28	21	74.3%	11,056	93	0.8%	1,007	5	0.5%	1,016	555	54.6%	983	239	24.3%
1912	174	108	62.0%	71	14	19.7%	71	10	14.1%	11	11	100.0%	9,743	48	0.5%	1,735	4	0.2%	891	295	33.1%	743	159	21.4%
1913	98	34	34.7%	17	4	23.5%	45	2	4.4%	103	17	16.5%	10,470	60	0.6%	2,375	9	0.4%	888	314	35.4%	869	174	20.0%
1914	191	67	35.1%	34	7	20.6%	58	4	6.9%	111	60	53.6%	11,080	75	0.7%	1,901	6	0.3%	1,002	357	35.6%	1,105	350	31.7%
1915	519	46	8.9%	29	4	13.8%	35	3	8.6%	117	19	16.2%	14,651	89	0.6%	1,795	8	0.4%	945	338	35.8%	1,433	341	23.8%
1916	10,853	87	0.8%	35	7	19.7%	35	2	5.7%	159	37	23.3%	15,518	64	0.4%	3,442	3	0.1%	1,031	384	37.3%	1,267	307	24.2%
1917	10,554	101	0.9%	40	4	10.0%	33	3	9.1%	81	25	30.9%	20,131	89	0.4%	1,853	4	0.2%	1,413	386	27.3%	1,338	343	25.6%
1918	107,139	161	0.1%	40	9	22.5%	50	5	10.0%	95	38	39.5%	18,278	91	0.5%	1,735	7	0.4%	1,223	400	32.7%	1,811	559	30.8%
1919	115,499	279	0.2%	140	24	17.1%	211	13	6.2%	65	16	24.6%	22,849	122	0.5%	1,794	8	0.4%	1,003	360	35.9%	1,672	416	24.9%

Years.	RESPIRATORY DISEASES.			DYSENTERY.			DIARRHŒA.			ANŒMIA AND DEBILITY.		
	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.	Actuals.	Ratio.
	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.	Admissions.	Deaths.	Admission rates.
1910	3,933	69	1.7%	329	377	114.6%	3,616	78	2.1%	2,075	52	2.5%
1911	2,747	74	2.7%	283	290	102.5%	2,757	76	2.7%	1,449	32	2.2%
1912	2,211	73	3.3%	249	259	104.0%	2,814	63	2.2%	982	24	2.4%
1913	2,278	66	2.9%	209	216	103.3%	2,674	79	2.9%	1,205	34	2.8%
1914	2,624	88	3.3%	265	262	98.9%	3,812	62	1.6%	1,005	27	2.7%
1915	2,350	91	3.9%	301	272	90.4%	4,319	83	1.9%	1,550	34	2.2%
1916	3,451	66	1.9%	348	608	174.7%	5,023	82	1.6%	1,697	45	2.6%
1917	2,455	84	3.4%	238	245	102.9%	4,804	64	1.3%	1,225	38	3.1%
1918	3,516	111	3.1%	381	710	186.4%	5,660	97	1.7%	1,450	59	4.1%
1919	3,847	108	2.8%	485	752	155.1%	6,318	148	2.3%	933	48	5.1%

Statistics of convicts only. Admission rates. Death rates.	1915.			1916.			1917.			1918.			1919.		
	Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.		Average strength.	RATIO PER 1,000 OF STRENGTH.	
		Ad.	D.		Ad.	D.		Ad.	D.		Ad.	D.		Ad.	D.
Central ...	11,997	310.7	19.92	11,405	330.9	19.61	10,236	350.3	23.52	8,450	601.2	23.52	8,035	328.1	33.11
	District ...	5,153	212.1	19.02	5,350	209.7	13.44	5,267	180.7	19.25	4,572	406.1	19.03	4,318	354.1	18.53
Central ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	District ...	1,917	95.9	21.39	1,072	925.4	19.68	1,990	877.4	13.10	2,139	1,194.0	21.97	2,009	1,004.3	23.20
Central ...	6,419	1,180.2	19.60	6,692	1,050.0	21.52	6,672	1,023.5	14.69	6,305	1,253.7	16.22	6,112	1,189.8	17.82
	District ...	5,245	1,350.0	25.83	6,827	1,200.5	25.34	6,946	1,254.0	18.57	7,142	1,564.5	25.93	7,131	1,672.1	28.29
Central ...	2,958	613.0	22.99	3,024	951.7	35.71	3,403	970.6	27.03	3,982	1,577.1	61.17	3,954	1,333.8	43.25
	District ...	3,716	820.1	29.87	3,620	817.3	32.60	3,458	857.6	24.41	2,695	1,228.7	19.92	4,024	1,191.4	59.29
Central ...	10,825	465.2	15.43	10,078	430.3	16.12	9,351	360.1	14.01	11,012	637.1	35.41	12,711	512.0	28.99
	District ...	13,455	495.6	13.23	13,095	879.1	11.22	11,772	361.5	10.95	11,235	651.6	40.76	13,793	519.0	22.32
Central ...	7,601	1,047.3	29.91	7,445	1,163.6	21.45	6,310	1,301.1	27.58	6,283	1,620.7	41.21	7,334	1,301.5	22.59
	District ...	6,995	512.5	23.59	7,777	472.7	22.06	6,669	645.4	20.47	5,536	971.6	81.29	5,692	757.9	21.60
Central ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	District ...	1,284	76.5	10.63	1,391	1,049.4	62.74	2,451	1,141.6	28.15	1,981	1,118.1	52.53	1,823	651.4	29.19
Central ...	2,995	277.5	20.81	2,714	417.8	24.32	2,173	287.5	19.01	2,192	711.9	41.23	2,761	293.4	13.89
	District ...	1,079	430.3	15.76	1,000	451.0	23.00	887	345.0	22.55	561	817.8	20.39	1,157	490.9	32.81
Central ...	3,991	601.9	14.03	4,203	648.1	14.28	3,939	981.8	18.19	4,156	1,233.3	41.26	4,511	1,035.0	19.91
	District ...	5,838	480.5	13.42	6,260	471.6	19.97	5,413	403.1	18.84	5,501	927.6	21.59	7,001	825.2	27.56
Central ...	7,810	331.5	11.52	8,175	254.9	12.58	7,026	291.7	16.12	8,226	431.8	28.22	8,239	581.4	41.51
	District ...	1,865	183.4	10.19	1,257	432.4	10.67	1,552	621.1	12.89	1,653	722.3	10.94	2,160	743.5	31.62
of the above ...	53,416	581.2	18.72	51,820	618.5	19.27	50,890	641.4	20.14	51,715	652.6	21.83	54,710	770.1	28.82
	District ...	47,897	604.6	18.61	50,977	578.5	20.59	45,224	649.6	17.58	41,771	989.7	47.53	49,181	832.6	26.82

F.—Statistics of convicts only.  
Arranged according to duration of confinement.

District Jails ...	Strength ...	Deaths ...	Ratio per 1,000 of strength ...	Not exceeding six months.	Above six months and not exceeding one year.	Above one year and not exceeding two years.	Above two years and not exceeding three years.	Above three years and not exceeding seven years.	Above seven years.	Total.
				...	...	...	...	25,252	10,670	6,528	3,188	1,995	458	48,291
District Jails ...	...	...	...	515	210	104	33	26	4	892
	...	...	...	20.39	19.32	15.93	10.35	13.03	8.73	18.47
Central Jails ...	...	...	...	17,200	10,201	9,024	6,737	7,374	3,026	53,562
	...	...	...	293	158	127	126	192	44	1,000
...	...	...	...	17.03	15.49	20.72	18.70	23.04	15.54	18.67
District Jails ...	...	...	...	25,773	11,374	6,933	3,336	2,283	735	50,434
	...	...	...	535	245	134	51	58	13	1,036
...	...	...	...	20.76	21.54	19.33	15.29	25.41	17.69	20.54
Central Jails ...	...	...	...	17,441	10,702	9,250	6,814	7,109	3,246	54,652
	...	...	...	291	182	245	116	169	53	1,057
...	...	...	...	16.68	17.01	26.57	17.02	23.48	16.33	19.34
District Jails ...	...	...	...	21,800	10,577	6,583	3,268	3,181	675	45,084
	...	...	...	398	161	129	44	55	6	795
...	...	...	...	18.26	15.41	19.60	13.46	17.29	8.89	17.25
Central Jails ...	...	...	...	15,425	9,972	9,197	6,548	5,671	3,208	50,091
	...	...	...	264	179	222	154	162	44	1,025
...	...	...	...	17.04	17.95	24.14	23.52	28.57	13.72	20.46
District Jails ...	...	...	...	21,686	10,608	6,443	3,298	2,752	589	41,876
	...	...	...	1,201	455	256	84	110	18	2,128
...	...	...	...	55.52	42.99	39.73	25.47	48.85	30.56	47.42
Central Jails ...	...	...	...	16,779	10,034	8,491	6,930	6,453	3,236	51,923
	...	...	...	616	273	318	204	310	80	1,801
...	...	...	...	36.71	27.21	37.45	29.44	45.04	24.72	31.69
District Jails ...	...	...	...	24,509	11,702	7,680	3,163	2,081	538	49,673
	...	...	...	857	243	114	39	57	9	1,319
...	...	...	...	3.497	20.77	14.84	12.33	27.39	16.73	26.55
Central Jails ...	...	...	...	17,108	10,492	8,972	7,698	6,708	3,612	54,620
	...	...	...	597	291	249	147	229	61	1,577
...	...	...	...	34.90	27.74	27.75	19.10	31.14	17.57	28.87

Statement No. I.—Total primary vaccinations and re-vaccinations, successful cases among children, cost of the Special Vaccination Department, etc., during the official year 1919-20.

Province.	Number of operations performed by the Special and Dispensary Staffs combined.		Percentage of successful cases* to total operations.		Number of children successfully vaccinated by the Special and Dispensary Staffs combined.		Average number of persons vaccinated by each vaccinator of the Special Staff.	Total cost of the Special † Department.	Average cost of each successful case vaccin-
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Under one year.	1 to 6 years.			
Delhi ... ..	11,727	4,222	99.51	79.59	10,573	599	2,278	Rs. 3,365	o 3
Bengal ... ..	1,646,099	1,547,543	96.99	67.50	337,819	981,584	1,495	2,80,118	o 1
Bihar and Orissa ... ..	923,356	129,539	99.41	68.76	329,124	559,005	819	1,15,732	o 1
Assam ... ..	328,692	113,174	95.71	72.04	49,561	206,740	947	71,168	o 3
United Provinces of Agra and Oudh ... ..	1,290,912	134,842	95.29	65.01	812,696	358,561	1,533	2,51,868	o 3
Punjab ... ..	605,143	323,679	97.95	76.18	463,068	91,731	3,008‡	1,63,182	o 3
North-West Frontier Province ... ..	108,662	25,870	99.07	93.36	56,275	36,576	3,522§	17,893	o 3
Central Provinces and Berar ... ..	387,353	85,139	96.59	55.18	284,564	70,297	1,614	1,42,251	o 3
Madras ... ..	1,384,020	229,597	78.2	56.8	429,492	461,688	7,110||	4,79,700**	o 3
Coorg ... ..	8,106	6,278	94.63	75.51	871	3,727	1,548	3,987	o 3
Bombay ... ..	611,264	107,389	99.47	55.79	420,816	118,692	1,536	5,16,933	o 1
Burma ... ..	492,073	358,911	97.37	60.56	115,066	228,312	2,627¶	2,48,649	o 3
Ajmer-Merwara ... ..	11,492	354	95.06	93.55	8,634	1,721	782	4,029	o 3
Total ... ..	7,810,909	3,059,537	94.36	67.48	3,318,549	3,119,233	1,566	22,98,875	o 3

(\*) Excluding those the results of which were not known.

(†) Excluding dispensaries.

(‡) Including vaccinations performed in cantonments.

(§) Including vaccinations performed in cantonments and Political Agencies.

(||) Excludes average of work done by each medical subordinate.

(¶) Excludes the work done by private medical practitioners.

(\*\*) Excluding Madras Presidency Circle.

Statement No. II.—Vaccination operations performed by the Special and Dispensary Establishments separately, deaths from small-pox, etc., during the official year 1919-20.

Province.	Population.	NUMBER OF OPERATIONS (PRIMARY AND RE-VACCINATIONS COMBINED).			Ratio of successful vaccinations per 1,000 of population.	Percentage of annual estimated births at 40 per 1,000 of population successfully vaccinated.	DEATHS FROM SMALL-POX.*	
		By Special Department.	By Dispensary Staff.	Total.			Number.	Ratio per 1,000 of pop.
Delhi ... ..	4,6,656	15,949	...	15,949	34.12	63.44	73	
Bengal ... ..	43,471,942†	2,862,530	324,112	3,186,642	57.97	19.43	37,010	
Bihar and Orissa ... ..	34,489,846	1,054,727	178	1,054,905	28.28	23.86	10,175	
Assam ... ..	7,059,857	430,747	11,119	441,866	52.97	17.55	1,432	
United Provinces of Agra and Oudh ... ..	46,806,539	1,425,482	272	1,425,754	27.84	43.41	10,993	
Punjab ... ..	19,566,432	925,041	3,781	928,822	39.18	59.17	15,365	
North-West Frontier Province ... ..	2,910,899	134,532	...	134,532	43.83	48.33	1,204	
Central Provinces and Berar ... ..	13,916,308	472,056	436	472,492	28.35	51.12	7,342	
Madras ... ..	41,183,207‡	1,613,273	344	1,613,617	25.7	26.07	41,732	
Coorg ... ..	174,976	14,036	348	14,384	66.51	12.44	529	
Bemlay ... ..	22,643,744	711,445	7,208	718,653	26.01	46.46	6,232	
Burma ... ..	12,146,217	839,079	11,905	850,984	52.42	23.68	3,917	
Ajmer-Merwara ... ..	501,395	11,846	...	11,846	21.16	43.05	73	
Total ... ..	245,288,108	10,510,743	359,703	10,870,446	36.07	33.82	136,077	

\* For the calendar year.

† Excludes 2,011,184, the population of other municipalities except Calcutta.

‡ Excludes the population of the cantonments of Bangalore and Secunderabad.

STATEMENT No. III—Vaccination in the European and Indian Armies during 1919.  
Effective Strength.

Armies.	European Troops.								Indian Troops.							
	Officers.				Warrant and Non-Commissioned Officers and men.				European Officers.				Indian Commissioned, Non-Commissioned Officers and men.			
	Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
...	...	400	...	70	49	9,001	45	65	9	411	55	69	8,511	129,173	81	67
...	...	167	...	47	233	4,310	87	48	7	455	100	58	4,539	71,605	79	55
India, not in the Indian Comd.	...	...	...	...	...	...	...	...	...	...	...	...	...	391	...	65
Total	...	607	...	63	292	14,211	80	60	16	865	75	63	13,450	201,069	80	65

Non-Effective Strength—Families.  
A.—European Troops.

Armies.	Officers' wives.				Officers' children.				Soldiers' wives.				Soldiers' children.			
	Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
...	...	85	...	73	22	37	91	53	2	280	50	83	124	430	95	70
...	A)	18	...	50	4	129	75	71	...	96	...	48	83	127	79	55
Total	...	103	...	69	26	175	88	67	2	376	50	74	207	557	89	65

B.—Indian Troops.

Armies.	European Officers' wives.				European Officers' children.				Indian soldiers' wives.				Indian soldiers' children.			
	Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.		Number.		Percentage of successful cases to total operations.	
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
...	...	20	...	55	10	16	93	44	479	3,105	87	69	1,007	1,856	88	70
...	...	7	...	100	10	2	100	100	137	1,284	88	87	1,747	373	91	45
India, not in the Indian Comd.	...	...	...	...	4	4	100	...	...	...	...	...	...	...	...	...
Total	...	27	...	67	24	22	95	44	616	4,389	87	74	2,754	2,229	90	65



ANNUAL RETURNS

OF THE

EUROPEAN ARMY OF INDIA,

OF THE

INDIAN ARMY AND OF THE JAIL  
POPULATION

FOR THE YEAR

1919

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ANNUAL RETURNS

OF THE

EUROPEAN ARMY OF INDIA

IN THE

INDIAN ARMY AND OF THE  
POPULATION

FOR THE YEAR

1810

TABLE A.

*Grouping of Diseases in the Main Tables for 1919.*

HEAD OF DISEASE.	Includes or includes also
CHOLERA . . . . .	
HEAT-STROKE . . . . .	Sun-stroke.
ALCOHOLISM . . . . .	Delirium tremens. Alcoholic Poisoning.
TUBERCLE OF THE LUNGS . . . . .	Tubercular Phthisis, and Hæmoptysis due to tubercle.
RESPIRATORY DISEASES . . . . .	Hæmoptysis and Cirrhosis of the lung not due to tubercle.
ANÆMIA AND DEBILITY . . . . .	Old age (Tables for men and women). Premature birth (Tables for children).
DIARRHŒA . . . . .	
HEPATIC CONGESTION AND INFLAMMATION.	Congestion of liver, Hepatitis, Perihepatitis ; but excludes Cirrhosis of liver.
VENEREAL DISEASES . . . . .	Syphilis, Gonorrhœa, and Soft Chancre.
PHAGEDÆNA, SLOUGH, AND GANGRENE.	Nomenclature of 1906, Nos. 17, 954 and 967.
ABSCCESS, ULCER, AND BOIL . . . . .	Nomenclature of 1906, Nos. 953 and 965.
ABORTION AND AFFECTIONS CONNECTED WITH PREGNANCY.	Nos. 506 and 827 to 838.
AFFECTIONS CONNECTED WITH AND CONSEQUENT ON PARTURITION.	Nos. 839 to 870 and all other diseases called puerperal by medical officers.
ALL OTHER DISEASES PECULIAR TO WOMEN.	Nos. 765 to 826 and 871 to 882.

} These two headings appear only in jail tables.

TABLE 1

Classification of the various types of...

Type of...	...
Others	
Heavy...	
Alcohol...	
Theories of the...	
Resistant...	
Acid and...	
Diphtheria	
Bacterial...	
Viral...	
Pharyngeal...	
Acute...	
Chronic...	
Complicated...	
Infectious...	
Etiology	
Allergic...	
to...	

# CONTENTS.

Grouping of diseases in the main tables for 1919 . . . . .	TABLE, PAGE. A 5
--	---------------------

## I.—EUROPEAN TROOPS, 1919.

Stations by armies . . . . .	B 8
Ratios of armies . . . . .	I 9
Ratios of geographical groups . . . . .	II 10
Ratios of stations, groups, and armies . . . . .	III 11—16
Abstract of the Cantonment sanitary reports of the most unhealthy stations . . . . .	IV 17
Enteric fever by months, stations, groups, and armies . . . . .	V
Malaria by months, stations, groups, and armies . . . . .	VI } 18—20
Pyrexia of uncertain origin by months, stations, groups, and armies . . . . .	VII }
Cholera by months, stations, groups, and armies . . . . .	VIII }
Dysentery by months, stations, groups, and armies . . . . .	IX } 21—22
Diarrhœa by months, stations, groups, and armies . . . . .	X }
Statistics of regiments . . . . .	XI 23—57
Statistics of officers, women, and children . . . . .	XII 58
Deaths of children by ages and causes . . . . .	XIII 59

## II.—INDIAN TROOPS, 1919.

Stations by armies . . . . .	C 62
Ratios of armies . . . . .	XIV 63
Ratios of geographical groups . . . . .	XV 64
Ratios of stations, groups, and armies . . . . .	XVI 65—73
Abstract of the Cantonment sanitary reports of the most unhealthy stations . . . . .	XVII 74
Enteric fever by months, stations, groups, and armies . . . . .	XVIII
Malaria by months, stations, groups, and armies . . . . .	XIX } 75—77
Pyrexia of uncertain origin by months, stations, groups, and armies . . . . .	XX }
Cholera by months, stations, groups, and armies . . . . .	XXI
Dysentery by months, stations, groups, and armies . . . . .	XXII } 78—81
Diarrhœa by months, stations, groups, and armies . . . . .	XXIII }
Statistics of regiments . . . . .	{ XXIV 82—115 XXIV-A 116—130 XXIV-B 131

## III.—PRISONERS, 1919.

(European, Eurasian, Indian ; male, female ; adult, juvenile.)

Jails by administrations . . . . .	D 134
Ratios of administrations . . . . .	XXV 135
Ratios of geographical groups . . . . .	XXVI 136
Ratios of jails, groups, and administrations . . . . .	XXVII 137—145
Abstract of the sanitary sheets of the most unhealthy jails . . . . .	XXVIII 146—148
Enteric fever by months, jails, groups, and administrations . . . . .	XXIX } 149—152
Malaria by months, jails, groups, and administrations . . . . .	XXX }
Pyrexia of uncertain origin by months, jails, groups, and administrations . . . . .	XXXI }
Cholera by months, jails, groups, and administrations . . . . .	XXXII }
Dysentery by months, jails, groups, and administrations . . . . .	XXXIII } 153—156
Diarrhœa by months, jails, groups, and administrations . . . . .	XXXIV }

## IV.—TROOPS AND PRISONERS, 1919.

Detail of diseases . . . . .	XXXV 157—161
------------------------------	--------------

NOTE.—In the tables for European troops, Indian troops, and for prisoners, the months mentioned are calendar months.

CONTENTS

I. INTRODUCTION

1.1	1.1
1.2	1.2
1.3	1.3
1.4	1.4
1.5	1.5
1.6	1.6
1.7	1.7
1.8	1.8
1.9	1.9
1.10	1.10
1.11	1.11
1.12	1.12
1.13	1.13
1.14	1.14
1.15	1.15
1.16	1.16
1.17	1.17
1.18	1.18
1.19	1.19
1.20	1.20
1.21	1.21
1.22	1.22
1.23	1.23
1.24	1.24
1.25	1.25
1.26	1.26
1.27	1.27
1.28	1.28
1.29	1.29
1.30	1.30
1.31	1.31
1.32	1.32
1.33	1.33
1.34	1.34
1.35	1.35
1.36	1.36
1.37	1.37
1.38	1.38
1.39	1.39
1.40	1.40
1.41	1.41
1.42	1.42
1.43	1.43
1.44	1.44
1.45	1.45
1.46	1.46
1.47	1.47
1.48	1.48
1.49	1.49
1.50	1.50
1.51	1.51
1.52	1.52
1.53	1.53
1.54	1.54
1.55	1.55
1.56	1.56
1.57	1.57
1.58	1.58
1.59	1.59
1.60	1.60
1.61	1.61
1.62	1.62
1.63	1.63
1.64	1.64
1.65	1.65
1.66	1.66
1.67	1.67
1.68	1.68
1.69	1.69
1.70	1.70
1.71	1.71
1.72	1.72
1.73	1.73
1.74	1.74
1.75	1.75
1.76	1.76
1.77	1.77
1.78	1.78
1.79	1.79
1.80	1.80
1.81	1.81
1.82	1.82
1.83	1.83
1.84	1.84
1.85	1.85
1.86	1.86
1.87	1.87
1.88	1.88
1.89	1.89
1.90	1.90
1.91	1.91
1.92	1.92
1.93	1.93
1.94	1.94
1.95	1.95
1.96	1.96
1.97	1.97
1.98	1.98
1.99	1.99
1.100	1.100

II. THE PROBLEM

2.1	2.1
2.2	2.2
2.3	2.3
2.4	2.4
2.5	2.5
2.6	2.6
2.7	2.7
2.8	2.8
2.9	2.9
2.10	2.10
2.11	2.11
2.12	2.12
2.13	2.13
2.14	2.14
2.15	2.15
2.16	2.16
2.17	2.17
2.18	2.18
2.19	2.19
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2.21	2.21
2.22	2.22
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2.26	2.26
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2.28	2.28
2.29	2.29
2.30	2.30
2.31	2.31
2.32	2.32
2.33	2.33
2.34	2.34
2.35	2.35
2.36	2.36
2.37	2.37
2.38	2.38
2.39	2.39
2.40	2.40
2.41	2.41
2.42	2.42
2.43	2.43
2.44	2.44
2.45	2.45
2.46	2.46
2.47	2.47
2.48	2.48
2.49	2.49
2.50	2.50
2.51	2.51
2.52	2.52
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2.57	2.57
2.58	2.58
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2.70	2.70
2.71	2.71
2.72	2.72
2.73	2.73
2.74	2.74
2.75	2.75
2.76	2.76
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2.78	2.78
2.79	2.79
2.80	2.80
2.81	2.81
2.82	2.82
2.83	2.83
2.84	2.84
2.85	2.85
2.86	2.86
2.87	2.87
2.88	2.88
2.89	2.89
2.90	2.90
2.91	2.91
2.92	2.92
2.93	2.93
2.94	2.94
2.95	2.95
2.96	2.96
2.97	2.97
2.98	2.98
2.99	2.99
2.100	2.100

III. THE SOLUTION

3.1	3.1
3.2	3.2
3.3	3.3
3.4	3.4
3.5	3.5
3.6	3.6
3.7	3.7
3.8	3.8
3.9	3.9
3.10	3.10
3.11	3.11
3.12	3.12
3.13	3.13
3.14	3.14
3.15	3.15
3.16	3.16
3.17	3.17
3.18	3.18
3.19	3.19
3.20	3.20
3.21	3.21
3.22	3.22
3.23	3.23
3.24	3.24
3.25	3.25
3.26	3.26
3.27	3.27
3.28	3.28
3.29	3.29
3.30	3.30
3.31	3.31
3.32	3.32
3.33	3.33
3.34	3.34
3.35	3.35
3.36	3.36
3.37	3.37
3.38	3.38
3.39	3.39
3.40	3.40
3.41	3.41
3.42	3.42
3.43	3.43
3.44	3.44
3.45	3.45
3.46	3.46
3.47	3.47
3.48	3.48
3.49	3.49
3.50	3.50
3.51	3.51
3.52	3.52
3.53	3.53
3.54	3.54
3.55	3.55
3.56	3.56
3.57	3.57
3.58	3.58
3.59	3.59
3.60	3.60
3.61	3.61
3.62	3.62
3.63	3.63
3.64	3.64
3.65	3.65
3.66	3.66
3.67	3.67
3.68	3.68
3.69	3.69
3.70	3.70
3.71	3.71
3.72	3.72
3.73	3.73
3.74	3.74
3.75	3.75
3.76	3.76
3.77	3.77
3.78	3.78
3.79	3.79
3.80	3.80
3.81	3.81
3.82	3.82
3.83	3.83
3.84	3.84
3.85	3.85
3.86	3.86
3.87	3.87
3.88	3.88
3.89	3.89
3.90	3.90
3.91	3.91
3.92	3.92
3.93	3.93
3.94	3.94
3.95	3.95
3.96	3.96
3.97	3.97
3.98	3.98
3.99	3.99
3.100	3.100

IV. THE CONCLUSION

4.1	4.1
4.2	4.2
4.3	4.3
4.4	4.4
4.5	4.5
4.6	4.6
4.7	4.7
4.8	4.8
4.9	4.9
4.10	4.10
4.11	4.11
4.12	4.12
4.13	4.13
4.14	4.14
4.15	4.15
4.16	4.16
4.17	4.17
4.18	4.18
4.19	4.19
4.20	4.20
4.21	4.21
4.22	4.22
4.23	4.23
4.24	4.24
4.25	4.25
4.26	4.26
4.27	4.27
4.28	4.28
4.29	4.29
4.30	4.30
4.31	4.31
4.32	4.32
4.33	4.33
4.34	4.34
4.35	4.35
4.36	4.36
4.37	4.37
4.38	4.38
4.39	4.39
4.40	4.40
4.41	4.41
4.42	4.42
4.43	4.43
4.44	4.44
4.45	4.45
4.46	4.46
4.47	4.47
4.48	4.48
4.49	4.49
4.50	4.50
4.51	4.51
4.52	4.52
4.53	4.53
4.54	4.54
4.55	4.55
4.56	4.56
4.57	4.57
4.58	4.58
4.59	4.59
4.60	4.60
4.61	4.61
4.62	4.62
4.63	4.63
4.64	4.64
4.65	4.65
4.66	4.66
4.67	4.67
4.68	4.68
4.69	4.69
4.70	4.70
4.71	4.71
4.72	4.72
4.73	4.73
4.74	4.74
4.75	4.75
4.76	4.76
4.77	4.77
4.78	4.78
4.79	4.79
4.80	4.80
4.81	4.81
4.82	4.82
4.83	4.83
4.84	4.84
4.85	4.85
4.86	4.86
4.87	4.87
4.88	4.88
4.89	4.89
4.90	4.90
4.91	4.91
4.92	4.92
4.93	4.93
4.94	4.94
4.95	4.95
4.96	4.96
4.97	4.97
4.98	4.98
4.99	4.99
4.100	4.100

TABLE B.

STATIONS by ARMIES.

STATIONS.	Height above the sea level in feet.*	Authority for height.	STATIONS.	Height above the sea level in feet.*	Authority for height.	STATIONS.	Height above the sea level in feet.*	Authority for height.
<b>NORTHERN ARMY—</b>			<b>NORTHERN ARMY—contd.</b>			<b>SOUTHERN ARMY—contd.</b>		
Abbottabad . . . . .	4,010	S. D.	†Khan Spur and Ghora Dhaka	7,721	S. D.	Fort Dufferin (Mandalay) . . . . .	246	S. D.
Agra . . . . .	522	"	†Kuldana . . . . .	7,049	S. G.	Hyderabad (Sind) . . . . .	94	"
Ali Masjid . . . . .	not available.		Labore Cantonment and Fort.	706	S. D.	Jhansi . . . . .	847	"
Allahabad and Fort . . . . .	311	S. D.	Landi Kotal . . . . .	not available.		Jubbulpore . . . . .	1,318	"
Ambala . . . . .	902	"	†Landour Convalescent Depôt.	7,528	S. D.	Kamptee and Sitabaldi . . . . .	938	"
Amritsar . . . . .	756	"	†Lebong . . . . .	6,000	"	Karachi . . . . .	33	"
Attock . . . . .	1,110	"	Lucknow and Military Prison	390	"	Khandalla . . . . .	2,000	M. O.
Bareilly . . . . .	561	"	Meerut . . . . .	727	"	Kirkee . . . . .	1,853	S. D.
†Barian Camp and Khairagali	{ 7,133 7,678	{ I. B. S. G.	Multan . . . . .	494	"	Lwekaw . . . . .	not available.	
Barrackpore . . . . .	24	S. D.	†Murree Convalescent Depôt	7,085	"	Madras and St. Thomas' Mount.	{ 19 250	{ S. D. "
Benares . . . . .	256	"	Muttra . . . . .	557	"	†Maymyo . . . . .	3,508	"
Burlian . . . . .	1,255	"	†Naini Tal Convalescent Depôt.	6,400	"	Meiktila . . . . .	773	"
Campbellpore . . . . .	1,180	"	Nowshera . . . . .	966	"	Mhow and Indore . . . . .	{ 1,927 1,806	{ L. B. "
Cawnpore . . . . .	407	"	Peshawar . . . . .	1,149	"	Mount Abu Sanatorium . . . . .	3,836	S. D.
†Chakrata . . . . .	6,885	"	†Ranikhet and Chaubuttia . . . . .	{ 5,080 6,942	{ S. G. "	Nasirabad . . . . .	1,461	"
†Cherat . . . . .	4,286	"	Rawalpindi . . . . .	1,687	S. D.	Neemuch . . . . .	1,613	"
†Dagshai . . . . .	6,087	"	Risalpur . . . . .	1,014	"	Nowgong . . . . .	770	I. B.
†Dalhousie Convalescent Depôt.	7,687	"	Rurki . . . . .	877	"	Pachmarhi Sanatorium . . . . .	3,490	S. D.
†Darjeeling ditto . . . . .	7,157	"	Sialkot . . . . .	829	"	Poona . . . . .	1,864	"
Dehra Dun . . . . .	2,229	"	†Solon . . . . .	5,078	"	Poonamallee Depôt . . . . .	68	"
Delhi . . . . .	706	"	†Subathu . . . . .	4,000	"	Port Blair . . . . .	85	"
Dinapore . . . . .	171	"	Thal . . . . .	2,450	"	Purundhar Sanatorium . . . . .	4,560	"
Dum-Dum . . . . .	not available.		†Upper Topa . . . . .	7,000	M. O.	Pyinmana . . . . .	not available.	
Ferozepore . . . . .	645	S. D.	<b>SOUTHERN ARMY—</b>			†Quetta . . . . .	5,507	S. D.
Fort William, Fulta and Chingrikhal.	17	S. G.	Ahmednagar . . . . .	2,171	S. D.	Ramandroog . . . . .	3,150	S. G.
Fyzabad . . . . .	327	S. D.	Bangalore . . . . .	2,999	"	Rangoon . . . . .	15	S. D.
†Gharial . . . . .	6,811	S. G.	Belgaum . . . . .	2,520	"	Satara . . . . .	7,200	"
Jamrud . . . . .	1,550	S. D.	Bellary . . . . .	1,481	"	Saugor . . . . .	1,753	"
Jullundur . . . . .	900	S. G.	Cannanore . . . . .	40	"	Secunderabad . . . . .	1,773	"
†Jutogh . . . . .	6,778	S. D.	Calicut . . . . .	15	"	Sumerpur . . . . .	393	"
Kacha Garhi . . . . .	not available.		Colaba (Bombay) . . . . .	20	"	Thamakan . . . . .	not available.	
†Kasauli Convalescent Depôt.	6,050	S. D.	Deesa . . . . .	not available.		Thayetmyo . . . . .	145	S. D.
Kohat . . . . .	1,700	"	Deolali Depôt . . . . .	1,892	S. D.	†Wellington Convalescent Depôt.	6,050	"

\* These heights are usually those of the survey-marks or of the mercury-surface in barometer-cisterns of meteorological observatories.

† Official Hill Stations and Hill Sanatoria and Convalescent Depôts.

S. D. = Survey Department (Map Publication Office).

S. G. = Surveyor-General of India.

I. B. = Intelligence Branch of the Division of the Chief of the Staff.

M. D. = Meteorological Department.

M. O. = Medical Officers in charge of Station Hospitals in their Sanitary Reports.

### TABLE B

STANDARD ERRORS

No. of Cases	Description of Cases	Standard Error	Standard Error	Standard Error	Standard Error
100	...	...	...	...	...
200	...	...	...	...	...
300	...	...	...	...	...
400	...	...	...	...	...
500	...	...	...	...	...
600	...	...	...	...	...
700	...	...	...	...	...
800	...	...	...	...	...
900	...	...	...	...	...
1000	...	...	...	...	...

I.—EUROPEAN TROOPS, 1919.

BRITISH ARMY

TABLE

OF THE

REGIMENTAL AND BATTAL STRENGTHS

I—EUROPEAN TROOPS, 1919.

TABLE I.

RATIOS OF ARMIES.

The ratios of admissions and deaths to strength are taken from Table III.

	RATIOS PER 1,000 OF THE AVERAGE STRENGTH.		
	Northern Army.	Southern Army.	India.
I.—STRENGTH . . . . .	25,044	31,227	56,561
II.—CONSTANTLY SICK PER 1,000 OF THE AVERAGE STRENGTH . . . . .	52.4	61.9	57.4
III.—ADMISSION RATE OF THE YEAR—			
Influenza . . . . .	14.1	34.3	25.2
Cholera . . . . .	0.2	0.5	0.4
Small-pox . . . . .	3.6	2.7	3.1
Enteric Fever . . . . .	4.7	4.5	4.5
Malaria . . . . .	248.9	194.3	217.8
Sandfly Fever . . . . .	113.3	2.3	51.5
Pyrexia of uncertain origin . . . . .	1.0	1.3	1.2
Tubercle of the Lungs . . . . .	1.1	1.8	1.5
Pneumonia . . . . .	5.0	5.2	5.1
Respiratory Diseases . . . . .	35.2	30.6	32.5
Dysentery . . . . .	7.4	19.7	14.2
Diarrhea . . . . .	31.3	31.1	31.1
Hepatic { Abscess . . . . .	0.8	0.9	0.9
{ Congestion and Inflammation . . . . .	5.9	2.6	4.0
Veneral Diseases . . . . .	72.9	100.1	87.6
ALL CAUSES . . . . .	1,054.3	912.8	972.1
IV.—DEATH RATE OF THE YEAR—			
Cholera . . . . .	0.08	0.29	0.19
Small-pox . . . . .	0.52	0.19	0.34
Enteric Fever . . . . .	0.44	0.45	0.44
Malaria . . . . .	0.72	0.74	0.74
Pyrexia of uncertain origin . . . . .	...	...	...
Heat-stroke . . . . .	1.52	0.13	0.74
Circulatory Diseases . . . . .	0.44	0.35	0.39
Tubercle of the Lungs . . . . .	0.12	0.22	0.18
Pneumonia . . . . .	0.88	0.06	0.92
Respiratory Diseases . . . . .	0.32	0.29	0.30
Dysentery . . . . .	0.10	0.35	0.28
Diarrhea . . . . .	...	...	...
Hepatic Abscess . . . . .	0.12	0.26	0.19
ALL CAUSES . . . . .	8.39	7.24	7.74

TABLE II.

RATIOS of GEOGRAPHICAL GROUPS.

The ratios of admissions and deaths to strength are taken from Table III.

	RATIOS PER 1,000 OF THE AVERAGE STRENGTH.													Ind
	I	II	IV	V	VI	VII	VIII	IX	X	XI	XIIa	XIIIb		
	Burma Coast and Bay Islands.	Burma Inland.	Bengal and Orissa.	Gangetic Plain and Chutia Nagpur.	Upper Sub-Himalaya.	N.-W. Frontier, Indus Valley, and N.-W. Rajputana.	S.-E. Rajputana, Central India and Gujarat.	Deccan.	Western Coast.	Southern India.	Hill Stations.	Conva-lescent Depôts and Sanatoria.		
I.—STRENGTH . . . . .	957	504	1,275	3,477	11,180	7,401	4,213	11,496	1,955	3,126	4,200	1,808	56	
II.—CONSTANTLY SICK PER 1,000 OF THE AVERAGE STRENGTH .	58.2	35.4	49.2	35.4	61.4	28.1	35.4	48.3	121.6	49.7	57.5	53.1		
III.—ADMISSION RATE OF THE YEAR—														
Influenza . . . . .	38.7	71.4	51.0	48.9	4.5	5.7	3.6	12.2	262.4	6.1	25.1	8.8		
Cholera . . . . .	...	...	0.5	...	0.4	0.1	0.7	0.3	4.6	...	...	...		
Small-pox . . . . .	4.2	...	0.8	2.6	2.1	5.8	3.5	2.9	1.0	4.2	1.6	...		
Enteric Fever . . . . .	1.0	...	0.8	2.0	6.4	4.5	4.0	6.1	2.0	5.8	3.7	6.6		
Malaria . . . . .	81.5	95.2	185.9	60.7	264.0	311.6	197.5	177.8	360.6	113.6	266.0	253.3	2	
Sandfly Fever . . . . .	...	...	11.8	29.6	178.4	17.0	48.9	1.2	5.6	...	7.7	19.5		
Pyrexia of uncertain origin . . . . .	...	...	...	0.3	1.3	1.4	1.7	0.4	7.7	0.3	0.5	1.7		
Rheumatic Fever . . . . .	9.4	4.0	4.7	3.5	3.0	3.8	3.8	3.0	8.2	3.5	5.6	5.0		
Tubercle of the Lungs . . . . .	5.2	2.0	1.6	0.9	1.2	0.8	1.4	1.3	6.1	1.3	2.8	1.7		
Pneumonia . . . . .	3.1	6.0	7.1	2.3	5.5	7.7	3.6	3.0	18.9	3.5	4.0	2.8		
Respiratory Diseases . . . . .	111.8	35.7	59.6	40.0	37.4	25.4	19.7	31.1	57.3	24.6	37.0	20.5		
Dysentery . . . . .	20.9	11.9	11.8	4.6	9.7	0.8	12.1	19.6	29.7	35.8	11.6	9.4		
Diarrhœa . . . . .	16.7	37.7	25.9	28.2	35.3	23.6	25.9	31.5	89.5	11.2	20.5	29.3		
Hepatic { Abscess . . . . .	4.2	...	7.1	0.3	0.6	0.4	0.7	1.0	2.0	0.3	0.9	...		
{ Congestion and Inflammation . . . . .	2.1	7.9	3.1	9.5	5.1	1.6	4.5	2.6	3.1	2.2	9.8	5.5		
Veneral Diseases . . . . .	80.5	150.8	156.9	89.2	84.8	54.1	58.9	75.2	275.2	133.1	63.5	31.0		
ALL CAUSES . . . . .	1,202.7	720.2	1,195.3	817.1	1,206.0	868.9	818.7	824.8	2,005.2	822.1	871.4	803.6	5	
V.—DEATH RATE OF THE YEAR—														
Cholera . . . . .	...	...	...	...	0.18	...	0.24	0.35	1.53	...	...	...		
Small-pox . . . . .	3.3	...	...	0.29	0.45	0.54	0.71	0.17	...	0.33	...	...		
Enteric Fever . . . . .	...	...	...	...	0.59	0.14	0.95	0.26	...	1.60	...	0.55		
Malaria . . . . .	...	...	...	...	0.8	1.35	0.24	0.35	1.02	0.64	0.70	0.55		
Pyrexia of uncertain origin . . . . .	...	...	...	...	...	...	...	...	...	...	...	...		
Heat-stroke . . . . .	...	...	0.78	2.59	2.42	0.14	0.24	0.09	0.51	0.32	...	...		
Circulatory Diseases . . . . .	...	...	...	...	0.54	0.27	0.47	0.26	1.53	0.32	0.93	0.55		
Tubercle of the Lungs . . . . .	2.09	...	...	0.29	0.18	...	...	0.17	1.53	...	...	...		
Pneumonia . . . . .	...	...	3.14	0.86	0.45	1.62	0.74	0.52	2.36	0.32	1.16	...		
Respiratory Diseases . . . . .	1.04	...	...	...	0.72	0.14	...	0.09	2.05	0.32	...	...		
Dysentery . . . . .	...	...	1.7	0.19	0.18	0.14	0.47	0.17	2.05	...	...	...		
Diarrhœa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...		
Hepatic Abscess . . . . .	1.04	...	0.78	...	0.09	0.27	...	0.17	...	0.32	0.47	...		
ALL CAUSES . . . . .	7.31	3.97	3.33	6.61	10.29	7.43	6.88	4.61	21.99	6.49	7.91	2.77		

EUROPEAN TROOPS, 1919.

TABLE III.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.											2. DEATH RATE.													
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancere.	Gonorrhoea.	
Bair . . .	128	15'6	...	...	...	13'8	...	...	15'6	...	3'2	...	...	23'4	7'8	7'8	7'8	15'6	15'6	3'1	1,070'3	47'34	7'8	...	31'2	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
Don . . .	829	42'2	...	4'8	1'2	73'6	...	...	8'4	...	37'4	6'0	3'6	123'5	22'9	18'1	3'6	...	9'7	86'9	1,223'1	59'82	25'3	14'5	47'0	
		...	...	1'62	...	...	...	...	...	...	...	2'41	...	1'21	...	...	1'21	...	...	...	8'4		...	...	...	...
P I.— MA COAST AND BAY ANDS.	957	38'7	...	4'2	1'0	81'5	...	...	9'4	...	36'6	5'2	3'1	111'8	2'9	16'7	4'2	2'1	10'4	80'5	1,202'7	18'15	23'0	12'5	44'9	
		...	...	3'13	...	...	...	...	...	...	...	2'09	...	1'04	...	...	1'04	...	...	...	7'31		...	...	...	...
etmyo . . .	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	106'7	165'7	21'67	166'7	...	...	...	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...
la . . .	317	113'6	...	...	...	34'7	...	...	3'2	...	53'6	3'2	...	31'5	9'5	44'2	...	3'2	6'3	179'8	607'2	42'84	63'1	56'8	59'9	
		3'15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3'15		...	...	...	...
Dufferin . . .	69	...	...	...	...	246'4	...	...	14'5	...	14'5	...	29'0	29'0	...	29'0	...	14'5	...	188'4	1,115'2	38'84	14'5	87'0	87'0	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14'9		...	...	...	...
ana . . .	77	...	...	...	...	16'0	...	...	...	...	26'0	...	13'0	51'9	36'0	3'0	...	...	...	51'9	441'6	10'39	...	16'0	26'0	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
akan . . .	27	...	...	...	...	666'7	...	...	...	...	...	...	...	74'1	...	...	...	37'0	...	37'0	1,074'1	24'44	...	...	37'0	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
aw . . .	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	125'0	...	...	125'0	1'25	...	...	...	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
P II.— MA INLAND.	5'4	71'4	...	...	...	95'2	...	...	4'0	...	39'7	2'0	6'0	35'7	11'9	37'7	...	7'9	4'0	150'8	720'2	35'44	43'7	51'6	55'6	
		1'98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3'97		...	...	...	...
William, and ngrikhal.	812	75'1	...	1'2	1'2	177'3	1'2	...	3'7	...	16'0	2'5	6'2	39'4	3'7	27'1	2'5	1'2	13'5	214'3	1,272'2	54'08	24'6	40'6	149'0	
		...	...	...	...	...	...	...	...	...	...	...	...	2'46	...	2'4	...	1'23	...	...	16'01		...	...	...	...
Dum . . .	168	...	6'0	...	...	232'1	...	...	6'0	...	71'4	...	...	226'2	17'9	35'7	6'0	17'9	...	77'4	1,648'8	58'99	23'8	...	53'6	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5'95		...	...	...	...
ckpore . . .	293	13'6	...	...	...	183'1	47'5	...	6'8	...	16'9	...	13'6	20'3	30'5	16'9	20'3	...	...	44'1	725'4	36'00	10'2	...	33'9	
		...	...	...	...	...	...	...	...	...	3'39	...	6'78	...	...	...	...	...	...	...	10'17		...	...	...	...
P IV.— GAL ORISSA.	1,275	51'0	0'0	0'8	0'8	185'9	11'8	...	4'7	...	23'3	1'6	7'1	59'6	11'8	23'9	7'1	3'1	8'6	156'9	1,195'3	49'15	21'2	25'9	109'8	
		...	...	...	...	...	...	...	...	...	0'78	...	3'14	...	1'37	...	0'78	...	...	...	13'33		...	...	...	...
B	28	7'1	...	...	3'5	39'0	...	...	...	...	3'5	31'9	...	...	67'4	40'6	...	10'6	7'1	85'1	1,025'4	36'24	23'4	17'7	39'0	
		...	...	...	...	...	...	...	...	...	...	3'55	...	...	...	...	...	...	...	...	7'09		...	...	...	...
ts . . .	210	...	...	...	...	...	...	...	...	...	...	...	...	...	47'6	4'8	9'5	...	11'3	...	104'8	557'1	28'05	4'6	33'3	23'8
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
abad and t . . .	809	82'8	...	1'2	2'5	69'2	1'2	...	2'5	1'2	6'2	...	2'5	13'6	12'4	17'4	...	11'1	...	63'5	500'6	20'90	19'8	13'6	32'1	
		...	...	...	...	...	...	...	...	...	...	...	...	1'24	...	1'24	...	...	...	...	4'91		...	...	...	...
ad . . .	210	51'4	...	...	4'8	52'4	28'6	...	14'3	31'3	9'5	...	...	85'7	...	38'1	4'8	9'5	...	42'9	785'7	35'86	19'6	4'8	19'0	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4'75		...	...	...	...
ow . . .	1,383	62'2	...	5'1	0'7	52'8	37'6	...	4'3	100'5	24'6	2'2	4'3	30'8	1'4	49'5	...	7'2	28'2	111'4	1,021'0	47'3	27'5	56'8	57'1	
		...	...	0'72	...	...	...	...	...	...	5'76	...	0'72	1'45	...	...	...	...	...	...	10'12		...	...	...	...
pore . . .	583	6'9	...	1'7	3'4	102'9	75'5	1'7	1'7	6'9	36'6	...	...	44'6	5'1	13'7	...	10'3	6'1	82'3	775'3	29'31	18'9	25'7	37'7	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3'43		...	...	...	...
P V.— NETIC IN AND TIA SPUR.	3,477	48'9	...	2'6	2'0	60'7	29'6	0'3	3'5	43'7	23'9	0'9	2'3	40'0	4'6	28'2	0'3	9'5	12'9	89'2	817'1	35'41	25'0	21'9	42'3	
		...	...	0'29	...	...	...	...	...	...	...	2'39	...	0'29	0'86	...	0'29	...	...	...	6'61		...	...	...	...

TABLE III—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.													2. DEATH RATE.										
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancere.	
<b>A</b>																									
Bareilly . . . . .	168	...	...	1'8	1'8	18'0	...	...	5'3	...	28'2	...	3'3	35'2	5'3	29'9	...	14'1	1'3	47'5	948'9	48'89	12'3	8'8	
Rurki . . . . .	257	3'9	...	3'9	...	119'7	...	3'9	...	27'2	15'6	...	...	3'9	3'9	7'8	...	7'8	23'3	81'7	871'6	23'77	7'8	19'5	
Dehra Dun . . . . .	13	...	...	...	...	...	...	...	...	...	...	...	...	153'8	...	...	...	...	...	...	538'5	8'46	...	...	
Meerut . . . . .	1,424	4'2	...	4'9	3'5	82'9	21'4	0'7	3'5	16'2	40'7	0'7	6'3	42'8	4'9	32'3	2'1	4'9	6'3	119'4	1,740'2	66'40	19'0	21'1	
Delhi . . . . .	1,222	2'5	...	0'3	7'	511'6	309'8	0'8	7'5	21'6	10'8	0'8	1'7	13'3	4'2	20'8	...	10'8	1'7	108'2	1,249'6	51'85	15'0	30'1	
Ambala . . . . .	1,138	5'4	...	3'6	8'1	215'7	88'4	...	3'6	2'7	16'2	1'8	12'6	16'2	2'6	27'1	1'8	3'4	14'4	54'2	894'4	48'44	9'0	13'1	
<b>B</b>																									
Jullundur . . . . .	445	...	...	2'2	...	31'1	98'9	2'2	...	4'5	33'7	2'2	4'5	33'7	6'7	42'7	...	...	9'0	3'2	1,123'6	56'79	6'7	4'1	
Ferozepore . . . . .	1,094	...	...	0'9	5'5	201'1	352'8	1'8	1'8	6'4	17'4	1'3	2'7	41'1	22'9	21'4	...	3'7	15'5	41'1	1,197'4	49'01	4'6	6'1	
Amritsar . . . . .	298	...	...	6'7	...	114'1	43'6	...	...	6'7	6'7	3'4	16'8	43'6	...	36'9	...	6'7	20'1	53'7	822'1	32'11	...	26'1	
Lahore Cantonment and Fort.	1,704	0'6	0'6	1'8	7'0	323'4	481'2	2'3	2'9	23'5	26'4	0'6	4'1	46'9	7'0	34'6	0'6	3'5	5'9	93'3	1,549'3	71'55	11'7	28'1	
Sialkot . . . . .	587	1'7	...	1'7	8'5	2'3	00'5	3'4	3'4	3'4	18'7	3'4	1'7	22'1	...	42'6	...	10'2	1'7	105'6	930'2	57'70	17'0	42'1	
Rawalpindi . . . . .	2,267	13'7	1'8	1'3	0'7	342'7	129'2	0'4	1'0	15'0	24'3	0'4	6'2	57'8	11'5	54'3	0'4	1'3	18'1	102'3	1,360'8	84'98	21'0	11'1	
Irhan . . . . .	82	...	...	...	...	122'0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24'4	47'6	23'05	...	11'1
Empbellpore . . . . .	84	11'9	...	...	...	95'2	11'9	11'9	...	23'8	...	...	...	11'9	...	47'6	...	...	11'9	35'7	678'6	30'95	23'8	11'1	
Attock . . . . .	47	...	...	...	...	191'5	...	21'3	...	21'3	...	...	21'3	21'3	21'3	85'1	...	...	...	85'1	680'9	14'26	21'3	...	
<b>GROUP VI—UPPER SUB-HIMALAYA.</b>	11,180	4'5	0'4	2'1	6'4	264'0	179'4	1'3	3	14'3	23'0	1'2	5'5	37'4	9'7	35'3	0'6	5'1	10'7	84'8	1,206'0	61'39	13'8	18'1	
<b>A</b>																									
Nowshera . . . . .	1,083	...	0'9	12'0	1'8	262'2	86'8	...	4'6	...	20'3	...	4'6	20'3	...	22'2	...	0'9	14'8	41'6	829'2	44'86	6'5	10'1	
Peshawar . . . . .	2,128	4'7	...	8'0	5'6	333'6	118'0	...	3'8	11'3	19'7	0'8	11'3	22'1	1'4	16'4	0'9	1'9	6'1	39'5	891'8	45'21	7'0	4'1	
Risalpur . . . . .	646	0'94	...	9'3	1'5	156'3	55'7	...	4'6	...	17'0	...	1'5	25'3	...	...	...	6'2	3'1	31'0	589'8	23'58	6'2	9'1	
Kohat . . . . .	99	...	...	...	...	3'10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3'10	...	39'49	...	...
Thal . . . . .	20	100'0	...	...	...	2,200'0	...	2'00'0	...	...	...	...	...	100'0	...	50'0	...	...	...	...	3,050'0	48'50	...	...	
Jamrud . . . . .	35	...	...	28'6	...	542'9	483'7	...	...	...	...	...	...	28'6	114'3	...	114'3	...	...	57'1	2,208'0	32'86	...	...	
Kacha Garhi . . . . .	55	145'5	...	...	...	981'8	...	...	...	18'2	18'2	...	18'2	90'9	...	72'7	...	...	18'2	...	2,018'2	19'64	...	...	
Ali Masjid . . . . .	140	...	...	...	...	1,071'4	182'9	...	7'1	...	7'1	...	...	14'3	...	7'1	...	...	...	7'1	6,692'9	15'86	...	...	
Landi Kotal . . . . .	131	...	...	...	7'5	556'42	70'7	...	...	...	...	...	7'5	30'1	22'6	37'6	...	...	...	15'0	1,195'3	37'97	7'5	...	
Multan . . . . .	433	...	...	6	13'9	210'2	43'9	...	4'6	27'7	25'4	2'3	4'6	41'6	...	27'7	...	...	51'1	30'0	822'2	40'55	6'9	6'9	
<b>C</b>																									
Hyderabad . . . . .	380	...	...	2'1	...	13'9	210'2	43'9	...	4'6	27'7	25'4	2'3	4'6	41'6	...	27'7	...	...	51'1	30'0	822'2	40'55	6'9	6'9
Karachi . . . . .	2,249	9'8	...	2'2	3'6	267'2	6'2	2'7	3'1	...	12'0	0'4	9'8	25'3	...	37'8	0'4	0'4	3'1	59'2	827'9	29'30	14'2	34'1	
<b>GROUP VII—N.W. FRONTIER, INDUS VALLEY, AND N.W. RAJ-PUTANA.</b>	7,401	5'7	0'1	5'8	4'5	311'6	67'0	1'4	3'8	5'1	30'4	0'1	7'7	25'4	0'8	23'6	0'4	1'6	9'1	55'1	868'9	38'09	8'5	14'5	

TIONS AND DUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.													
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandyfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoza.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancre.	Gonorrhoea.				
B	298	...	...	...	3.4	231.5	16.8	6.7	...	...	13.4	...	...	13.4	23.5	10.1	...	13.4	...	73.8	644.3	30.64	30.2	10.1	31.6				
d	309	19.4	...	...	...	197.4	22.7	...	6.5	...	12.4	...	3.2	22.7	3.2	16.2	...	...	19.4	126.2	883.5	28.03	3.2	68.0	55.0				
	318	...	...	12.0	...	110.1	22.0	...	...	...	3.1	28.3	...	3.1	25.2	12.6	9.4	...	9.4	6.3	91.2	990.6	35.91	6.3	3.1	81.8			
	922	1.1	...	14.1	1.1	279.8	181.1	3.3	2.2	...	27.1	...	1.1	20.6	2.2	38.0	...	3.3	25.2	26.0	1,010.8	39.45	4.3	3.3	18.4				
	533	...	...	2.17	...	...	...	...	...	1.08	...	...	...	...	...	...	...	...	...	...	5.4	...	...	...	...				
	55	1.0	5.6	7.5	9.4	35.7	...	1.9	1.9	7.5	7.5	5.6	3.8	13.1	20.6	48.8	...	...	45.8	61.9	1,101.3	52.96	15.0	3.8	43.2				
	35	...	...	...	...	...	...	...	...	1.88	...	...	1.88	...	1.88	...	...	...	...	...	13.13	...	...	...	...				
nd Indore	1,743	...	...	...	...	127.3	218.2	...	...	...	18.2	...	...	...	...	18.2	...	...	...	...	54.5	690.9	13.82	18.2	17.2	18.2			
VIII.— EAST TANA, CAL AND LAT.	4,213	3.6	0.7	5.5	4.0	197.5	48.9	1.7	3.8	1.7	26.1	1.4	3.6	19.7	12.1	25.9	0.7	4.5	15.4	58.9	815.7	35.41	11.6	10.9	36.3				
A	8	...	...	...	...	875.0	...	...	...	...	...	...	...	125.0	...	...	...	...	...	...	1,625.0	41.25	...	...	...				
ore.	1,663	6.0	...	...	2.4	160.0	0.6	...	0.6	7.2	45.1	0.6	4.8	31.9	23.5	18.6	0.6	5.4	2.9	61.9	823.2	34.79	13.3	19.2	28.9				
and idi	214	...	...	...	...	1.80	...	...	...	0.60	...	0.60	0.60	...	...	...	0.60	...	...	...	5.41	...	...	...	...				
B abad	1,565	46.7	...	...	14.0	140.2	...	14.0	4.7	56.1	28.0	...	...	32.7	...	51.4	...	18.7	18.7	172.9	1,285.0	49.58	51.4	37.4	84.1				
	538	...	...	0.6	0.6	275.4	...	...	3.2	8.3	38.3	1.9	3.2	40.3	41.1	45.6	0.6	1.9	17.9	101.6	1,180.2	64.8	5.8	14.1	81.8				
	14	16.7	1.9	...	11.2	24.2	...	1.9	1.9	...	11.2	1.9	...	24.2	3.7	31.6	...	5.6	14.9	22.3	632.0	33.66	9.3	3.7	9.3				
	4,245	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.71	...	...	...				
	2,393	142.9	...	...	...	71.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142.9	428.6	5.71	...	71.4	71.4			
	8,6	24.3	...	3.5	11.1	163.5	1.2	...	3.1	...	24.7	1.6	3.1	28.3	19.1	36.0	0.9	0.7	7.5	61.2	700.8	57.65	11.1	14.1	37.0				
	11,496	0.24	...	0.24	0.71	0.24	...	...	...	...	0.24	0.94	0.24	0.24	...	0.24	...	...	...	...	4.71	...	...	...	...				
agar	8,6	2.1	1.3	5.4	1.7	211.9	0.4	0.4	2.1	...	21.7	1.3	2.9	28.4	9.2	35.9	1.3	1.7	7.1	74.0	7.0.1	37.97	17.1	14.9	42.6				
	11,496	...	...	4.7	5.8	111.0	8.4	...	9.3	1.2	38.6	...	2.3	38.6	4.0	11.9	2.3	4.7	70.1	101.6	979.0	36.47	22.2	26.9	52.6				
IX.—	11,496	...	...	1.17	...	...	...	1.17	...	...	...	...	...	...	...	...	...	...	...	...	3.50	...	...	...	...				
	11,496	12.2	0.3	2.9	6.1	377.8	1.2	0.4	3.0	3.3	29.3	1.3	3.0	31.1	19.6	33.5	1.0	2.6	10.7	73.2	824.3	48.30	13.5	15.8	43.8				
	11,496	0.09	0.35	0.17	0.26	0.35	...	...	0.09	0.09	0.26	0.17	0.52	0.09	0.17	...	0.17	...	...	...	4.61	...	...	...	...				

TABLE III—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS	Average annual strength.	1. ADMISSION RATE.													2. DEATH-RATE.										
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancres.	
Colaba . . . . .	1,873	263.2	4.8	1.1	2.1	374.3	5.9	8.4	8.5	2.1	39.5	6.4	19.8	5.1	30.4	90.2	2.1	2.7	24.6	27.8	2,026.2	124.48	63.0	80	
Cannanore . . . . .	58	1.07	1.60	...	...	1.07	...	...	...	0.53	1.60	1.60	2.67	2.14	2.14	...	...	...	...	22.42	56.03	...	...	...	
Calicut . . . . .	24	273.9	...	...	...	51.7	...	...	...	...	...	...	...	34.5	...	86.2	...	69.0	103.4	1,655.2	...	34.5	17	...	
		166.7	...	...	...	41.7	...	...	...	...	...	...	...	125.0	41.7	41.7	...	41.7	...	333.3	1,541.7	53.75	...	20.8	...
		41.67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41.67	...	...	...	...
GROUP WESTERN COAST. X.—	1,935	262.4	4.6	1.0	2.0	360.6	5.6	7.7	8.2	2.0	38.9	6.1	18.9	57.3	29.7	89.5	2.0	3.1	25.6	275.2	2,009.2	121.59	61.4	80	
		1.53	1.53	...	...	1.02	...	...	...	0.51	1.53	1.53	2.56	2.05	2.05	...	...	...	...	21.9	...	...	...	...	
GROUP A																									
Bellary . . . . .	122	32.8	...	8.2	...	196.7	...	8.2	...	...	123.9	...	...	8.2	16.4	24.6	...	...	...	131.1	868.9	36.80	8.2	16	
Ramandroog . . . . .	48	...	...	...	...	83.3	...	...	...	...	20.8	...	10.8	41.7	...	20.8	...	20.8	208.3	604.2	...	29.17	62.5	41	
Mangalore . . . . .	2,568	5.8	...	1.7	6.2	123.1	...	...	3.5	0.8	39.3	1.6	3.5	26.9	41.7	9.7	0.4	2.7	6.2	127.3	790.5	53.75	26.5	22	
GROUP B																									
Madas and St. Thomas' Mount. . . . .	328	...	...	0.39	1.56	0.39	...	...	...	...	0.39	...	0.39	0.39	...	...	0.39	...	...	...	5.84	...	...	...	...
		...	...	...	5.2	28.4	...	...	5.2	20.6	20.6	...	2.6	12.9	7.7	15.5	...	...	...	162.4	1,038	29.51	43.8	28	
		...	...	...	2.58	2.58	...	...	...	2.58	...	...	...	...	...	...	...	...	...	...	10.31	...	...	...	...
GROUP SOUTHERN INDIA. XI.—	3,126	6.1	...	4.2	5.8	113.6	...	0.3	3.5	3.2	40.0	1.3	3.5	24.6	35.8	11.2	0.3	2.2	5.4	133.1	822.1	49.70	28.	23	
		...	...	0.32	1.60	0.64	...	...	...	0.32	0.32	...	0.32	0.32	...	...	0.32	...	...	...	6.40	...	...	...	...
Ranjikhet and Chaubuttia. . . . .	187	48.1	...	...	...	95.3	5.3	...	...	...	5.3	5.3	48.1	5.3	21.4	...	48.1	5.3	37.4	727.3	46.5	...	...	...	
Chakrata . . . . .	240	...	...	...	...	158.3	8.3	...	4.2	...	8.3	...	8.3	41.7	25.0	33.3	4.2	20.8	...	95.8	925.0	87.29	8.3	29	
Lebong . . . . .	43	...	...	...	...	41.7	...	...	...	...	20.8	...	...	...	...	20.8	...	...	...	312.5	708.3	58.75	229.2	62	
Solon . . . . .	85	...	...	...	...	552.9	...	...	...	...	23.5	...	...	35.3	...	94.1	...	23.5	...	23.5	1,094.1	33.41	...	11	
Dagshai . . . . .	439	32.0	...	...	6.8	754.0	2.3	...	13.7	...	31.7	2.3	2.3	86.6	2.3	95.7	...	15.9	6.8	29.6	1,626.4	48.50	6.8	4	
Subathu . . . . .	144	...	...	...	...	76.4	...	...	34.7	...	6.9	...	...	48.6	20.8	48.6	...	...	...	34.7	1,777.8	69.58	...	...	
Jutogh . . . . .	495	...	...	...	2.0	78.8	2.0	...	...	...	8.1	...	4.0	8.1	2.0	26.3	...	2.0	101.0	50.5	416.2	22.81	8.1	31	
Kuldana . . . . .	18	...	...	...	...	1,166.7	...	...	...	...	55.6	...	...	...	...	55.6	...	...	...	55.6	2,166.7	62.22	...	55	
Camp Gharial. . . . .	103	10.0	...	...	10.0	389.0	5.0	...	10.0	...	20.0	...	10.0	30.0	60.0	6.0	...	20.0	...	10.0	1,210.0	110.40	...	1.0	
Camp Barian and Khairgali. . . . .	172	...	...	...	5.8	127.9	11.6	...	...	...	5.8	5.8	...	...	23.3	...	...	17.4	...	75.6	424.4	134.01	40.7	11	
Khao Spar and Ghora Dhaka. . . . .	90	...	...	...	...	200.0	...	...	11.1	22.2	22.2	...	...	11.1	11.1	33.3	11.1	...	22.2	877.8	38.67	...	11	...	
		...	...	...	...	...	...	...	...	11.11	...	...	...	...	...	...	...	...	...	...	11.11	...	...	...	...

STATIONS AND DEPTS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK.	Syphilis.	Soft Chancres.	Gonorrhoea.
Mad	17	...	...	...	...	1,705.9	335.3	58.8	...	...	...	...	117.6	...	58.8	...	...	...	58.8	2,882.4	328.24	...	...	58.8	
	1,025	54.3	...	2.1	4.2	256.6	...	0.5	5.2	...	14.5	2.1	4.2	20.1	9.9	14.0	0.5	4.7	14.5	73.8	58.82	38.06	9.4	20.8	43.6
	224	1.36	...	8.9	4.5	80.4	...	...	...	4.5	120.5	13.4	4.5	98.2	17.9	22.3	0.52	...	...	67.1	8.53	130.36	3.7	13.4	17.9
	116	...	...	8.6	8.6	4.46	155.2	146.6	...	...	8.93	...	4.46	...	...	...	4.46	...	...	69.1	22.32	40.6	17.2	25.9	25.9
HILL STATIONS.	4,300	35.1	...	1.6	3.7	266.0	7.7	0.3	5.6	0.9	21.4	2.8	4.0	37.0	11.6	30.5	0.9	9.8	13.7	63.3	871.4	57.50	12.3	18.6	32.1
		0.70	...	...	...	0.70	...	...	...	...	0.93	...	1.16	...	...	...	0.47	...	...	0.23	7.91	0.23	...	...	...
ing .	58	...	...	...	34.5	155.2	...	...	...	...	...	...	34.5	...	34.5	...	51.7	17.2	...	51.7	17.24	50.6	...	...	...
	59	...	...	...	33.9	101.7	...	16.9	...	...	101.7	...	33.9	50.8	16.9	...	...	...	33.9	1,067.8	70.51	...	...	33.9	
al .	55	18.2	...	...	18.2	490.9	18.2	...	...	...	18.2	...	18.2	54.5	30.4	54.5	...	...	18.2	72.7	1,672.7	64.91	18.2	18.2	36.4
	1.5	...	...	...	72.7	...	...	24.2	...	6.1	...	...	18.2	6.1	12.1	...	...	...	18.2	24.2	721.2	77.09	...	6.1	18.2
sie .	2.7	...	...	...	481.5	109.7	...	...	...	6.7	...	...	13.5	6.7	60.6	...	6.7	...	16.8	1,064.0	3.37	54.58	3.4	...	13.5
	174	...	...	...	17.2	327.6	5.7	...	5.7	11.5	17.2	...	5.7	11.5	...	23.0	...	5.7	...	46.0	912.5	64.31	5.7	23.0	17.2
Topa	14	...	...	...	446.8	14.2	...	...	...	7.1	...	...	14.2	...	21.3	...	...	...	40.6	1,651.2	31.84	14.2	...	28.4	
	38	...	...	...	210.5	...	...	26.3	...	52.6	...	...	...	...	...	...	...	...	26.3	684.2	26.32	19.21	...	...	26.3
arbi	57	...	...	...	35.1	...	...	...	...	...	...	...	35.1	17.5	35.1	...	17.5	...	52.6	333.3	10.53	...	35.1	17.5	
	50	...	...	...	300.0	...	...	40.0	...	160.0	40.0	...	60.0	2.0	...	...	...	20.0	20.0	1,140.0	41.20	20.0	...	...	...
dhar	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	694	21.6	...	...	5.8	167.1	...	2.9	1.4	1.4	21.6	1.4	4.3	20.2	10.1	25.9	...	4.3	5.8	31.7	641.2	53.89	14.4	8.6	8.6
XII-5.— Convalescent Depôts, Sanatoria.	1,808	8.8	...	...	6.6	253.3	19.9	1.7	5.0	1.7	21.6	1.7	2.8	20.5	9.4	29.3	...	5.5	5.5	31.0	803.6	53.14	8.8	7.7	14.4
		...	...	...	0.55	0.55	...	...	...	...	0.55	...	...	...	...	...	...	...	...	2.77	...	...	...	...	...

EUROPEAN TROOPS, 1919.

TABLE III—concluded.

RATIOS of STATIONS, GROUPS and ARMIES.

STATIONS AND ARMIES.	Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE.					3. CONSTANTLY SICK.						
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scabies.	Veneral Diseases.	All Causes.	CONSTANTLY SICK.	Syphilis.
Troops marching	290	...	...	...	...	58.6	6.9	10.3	...	...	...	10.3	6.9	10.3	10.3	...	...	...	10.3	251.7	1.69	...	
Deolali Depôt	4,418	38.4	0.2	3.4	1.3	208.9	0.4	1.8	2.2	...	34.6	0.4	5.4	14.6	26.1	28.8	0.4	0.4	0.4	122.3	992.1	117.41	35.3
Poonamallee Depôt	131	...	...	...	7.6	15.3	...	...	7.6	...	15.3	...	7.6	7.6	7.6	22.9	...	...	...	122.1	564.9	417.56	76.3
INDIA	56,561	25.2	0.4	3.1	4.5	27.8	51.5	1.2	3.8	7.4	26.7	1.5	5.1	32.5	14.2	31.1	0.9	4.0	11.5	87.6	972.1	57.39	18.1
NORTHERN ARMY	25,044	0.25	0.19	0.34	0.44	0.74	...	...	0.02	0.74	0.39	0.18	0.92	0.30	0.28	...	0.19	0.04	...	0.2	7.74	...	0.2
SOUTHERN ARMY	31,227	14.1	0.2	3.1	4.7	248.9	113.3	1.0	3.7	14.2	21.8	1.1	5.0	35.2	7.4	31.3	0.8	5.9	11.8	72.9	1,054.3	52.39	13.3
Meerut*	1,424	0.71	...	0.49	1.06	4.09	0.67	0.16	0.34	0.37	1.83	0.11	0.77	1.50	0.42	1.58	0.39	0.63	0.33	18.83	66.40	66.40	3.65
Lahore Cantt.*	1,704	1.00	0.02	1.47	1.14	15.83	12.82	0.20	0.11	1.34	1.91	0.14	0.10	2.49	0.42	1.24	0.17	0.30	0.23	8.81	71.55	71.55	0.67
Rawalpindi*	2,267	5.70	0.03	0.08	2.08	34.51	12.08	0.00	0.01	2.66	0.07	0.01	0.01	0.58	5.78	0.12	0.04	0.03	0.02	13.27	84.98	84.98	3.10
Secunderabad*	1,565	0.10	...	0.03	0.10	11.96	...	...	0.23	0.67	2.41	0.47	0.31	1.63	3.27	1.41	0.24	0.12	0.10	15.22	64.82	64.82	1.27
Poona*	4,245	5.75	...	0.39	2.84	10.97	0.07	...	0.28	...	3.26	0.10	0.13	2.10	4.00	2.26	0.07	0.06	0.64	1.14	57.65	57.65	0.15
Colaba*	1,873	10.9	0.42	0.18	0.92	23.19	0.15	0.36	1.17	1.08	0.85	1.48	1.96	4.58	4.43	3.93	0.33	0.53	0.94	2.92	124.48	124.48	0.65
Deolali*	4,448	1.81	0.00	0.27	0.13	12.15	0.01	0.03	0.25	...	2.72	0.09	0.69	1.51	1.79	1.16	0.02	0.13	0.02	80.54	117.41	117.41	15.5

\* Constantly sick rate per 1,000 by diseases at the largest stations.

**TABLE IV.**

*EXTRACT of the CANTONMENT SANITARY REPORTS of the most UNHEALTHY STATIONS, and SANITARY DEFECTS.*

(The ratios of sickness and mortality will be found in Table III.)

**NOT AVAILABLE.**

TABLE V.

ENTERIC FEVER by months, stations, groups, and armies.

TABLE VI.

MALARIA by months, stations, groups, and armies.

TABLE VII.

PYREXIA OF UNCERTAIN ORIGIN by months, stations, groups, and armies.

STATIONS * AND GROUPS.	ADMISSIONS FROM ENTERIC FEVER IN EACH MONTH.											ADMISSIONS FROM MALARIA IN EACH MONTH.											ADMISSIONS FROM PYREXIA OF UNCERTAIN ORIGIN IN EACH MONTH.																						
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.						
Port Blair													1																																
Rangoon			1									1	4	6	7	3	3	10	10	7	6	5	1	1	1																				
GROUP I.—BURMA COAST AND BAY ISLANDS			1									1	5	6	12	6	13	12	8	8	5	1	1	1																					
Meiktila													2				5				2	1			1																				
Fort Dufferin (Mandalay)													5	3	5	1	1									2																			
Pyinmana																1										2																			
Thamakan													9	1	1	3	4									18																			
GROUP II.—BURMA INLAND													16	4	7	10	5			2	1				1	2																			
Forts William, Fulta and Chingrikhal													27	8	11	11	11	14	8	1	23	19	5	6	144																				
Dum-Dum													6	2		2	3	4	4	4	2	2	8	2	39																				
Barrackpore													6	4	4	5	8	4	1	8	6	7	1		54																				
GROUP IV.—BENGAL AND ORISSA													39	14	15	18	22	22	13	13	31	28	14	8	237																				
B																																													
Dinapore																					1	2	4	2	1																				
Allahabad and Fort													2	4		2	2			3	1	3	1	27	13																				
Fyzabad															1											11																			
Lucknow													1	6	3	2	5	3	26	4	11	6	5	1	1																				
Cawnpore													2	1			3	3			3	14	20	13	2																				
GROUP V.—GANGETIC PLAIN AND CHUTIA NAGPUR.													11	4	6	8	6	32	12	17	25	30	43	17	211																				
A																																													
Bareilly													3		1	1				2	6	5	12	6	13	3																			
Rurki													1	1		1	1	5	2	2	13	26		2	1																				
Meerut													4	3	7	8	18	12	11	16	15	18	5	1	118																				
Delhi													8	7	9	6	26	21	12	82	219	99	101	17	615																				
Ambala													23	13	13	16	10	13	11	15	29	83	10	3	239																				
B																																													
Jullundur													23	21	17	26	10	6	6	3	3	18	5		138																				
Ferozepore													12	11	7	8	13	25	9	25	53	40	16	1	220																				
Amritsar													6	4	1	3	5	3	2	4	2	3		1	34																				
Lahore Cantonment and Fort													1	1	2	1										12																			
Sialkot													53	32	43	42	42	33	18	54	80	110	33	11	551																				
Rawalpindi													13	19	11	13	15	10	7	14	13	12	5	2	134																				
Burhan Camp													7	7	1	3									22																				
Campbellpore													43	33	42	32	106	59	30	47	103	161	73	49	777																				
Attock													9		1	2	1	1							10																				
GROUP VI.—UPPER SUB-HIMALAYA													6	2			1								9																				
A													3	2	4	8	10	11	1	9	13	2	6	2	71																				
B													204	146	153	158	248	198	120	265	542	571	263	84	2,952																				
C																																													
Nowshera													8	11	14	16	1					69	100	56	9	28																			
Peshawar													1	1		5	1									4																			
Risalpur													34	25	19	35	4						197	313	71	12	710																		
Fort Jamrud													1													8	4																		
Kohat																										19																			
Thal																										66																			
Kacha Garhi																										44																			
Ali Musjid																										54																			
Landi Kotal																										150																			
Multan																										74																			
C													1	1																															
Hyderabad													16	12	17	17	18	5	3	8	1	7	7	1	112																				
Karachi													20	25	29	92	182	110	25	18	31	33	29	7	601																				
GROUP VII.—NORTH-WEST FRONTIER, INDUS VALLEY, AND NORTH-WESTERN RAJPUTANA													2	3	2	5	5	1	2	1	4	5	1	2	33																				
													87	77	89	172	213	120	28	32	512	687	239	50	2,306																				

\* Stations where neither Enteric Fever nor Malaria nor Pyrexia of uncertain origin occurred are not shown in these tables. For the annual ratios see



TABLE V—concluded. TABLE VI—concluded. TABLE VII—concluded.

ENTERIC FEVER by months, stations, groups, and armies.

MALARIA by months, stations, groups, and armies.

PYREXIA OF UNCERTAIN ORIGIN by months, stations, groups, and armies.

STATIONS, AND ARMIES.	ADMISSIONS FROM ENTERIC FEVER IN EACH MONTH.												ADMISSIONS FROM MALARIA IN EACH MONTH.												ADMISSIONS FROM PYREXIA OF UNCERTAIN ORIGIN IN EACH MONTH.													
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	
Troops, marching	...	...	...	...	...	...	...	...	...	...	...	...	17	2	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...
Deolali Depot	...	...	...	...	2	2	2	...	...	...	...	6	21	21	19	60	67	116	89	42	86	219	175	14	929	...	...	1	1	1	5	...	...	...	...	...	...	
Poonamallee Depot	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...		
<b>INDIA</b>	21	11	18	26	28	41	23	19	36	16	10	8	257	863	727	714	791	1,088	1,035	807	915	1,934	2,083	992	369	12,318	2	4	3	2	14	16	3	3	4	8	...	
<b>NORTHERN ARMY</b>	5	6	6	15	15	14	8	12	20	3	7	6	117	363	289	275	288	347	345	279	474	1,365	1,488	561	161	6,235	1	...	1	...	6	3	1	1	1	3	5	1
<b>SOUTHERN "</b>	16	5	12	11	13	27	15	7	16	13	3	2	140	492	438	439	502	739	630	526	441	568	592	431	208	6,066	1	4	2	1	8	13	1	2	...	3	...	





EUROPEAN TROOPS, 1919.

TABLE XI.

STATISTICS OF REGIMENTS.

*Sickness and Mortality.*

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera. Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heart-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.				
																								Admitted	Died	Invalided	Y.	M.	D.
ROYAL AIR FORCE.	91	Admitted	...	...	2	1	19	7	...	...	...	2	1	...	3	...	...	...	...	5	71	3'07	Risalpur, 1st January to 31st December, 1917.	2	0	0		
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Invalided	...	...	...	...	...	1	...	...	...	...	2	1	...	...	...	...	...	...	...	6	...	...	...	...	...	...	
	Admitted	4	...	1	...	...	17	...	1	...	...	...	...	1	1	1	...	...	...	5	51	2'59	Quetta, April to 31st December, 1919.	0	9	0		
	Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Squadron	40	Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...
		Admitted	25	...	...	...	17	15	...	...	...	...	...	...	1	1	3	...	...	...	1	80	2'59	...	...	...	...	...
Squadron	83	Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Squadron	25	Admitted	...	...	1	...	6	3	...	...	...	...	...	...	1	2	5	...	...	...	3	44	2'25	Ambala, 18th June to 25th September, 1919.	0	3	7	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Squadron	56	Invalided	1	...	1	...	24	20	...	...	2	3	...	2	1	1	...	...	...	4	90	4'08	Quetta, 1st January to 31st March, 1919, Ambala, 1st October to 31st December, 1919.	1	6	0		
		Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Squadron	180	Died	...	...	2	...	61	179	...	1	8	8	...	11	1	9	...	...	...	1	326	16'45	Lahore, 1st January to 31st December, 1919.	1	7	0		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Squadron	19	Admitted	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	13	1'46	...	...	...	...	...	
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Squadron	494	Invalided	1	...	...	...	5	...	...	...	2	9	1	...	2	1	...	...	...	...	41	3'49	...	...	...	...	...	
		Admitted	30	...	3	5	151	224	1	1	10	13	1	2	18	6	18	...	1	39	745	...	...	...	...	...	...	
Squadron	180	Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Squadron	253	Admitted	...	...	1	...	43	14	...	...	2	1	...	5	...	2	...	...	...	1	138	4'90	Risalpur, 1st January to 31st December, 1919.	2	1	8		
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Squadron	8	Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	0'10	209	Sialkot, 17th December to 31st December, 1919. (Arrived from U. K. on 17th December, 1919.)	0	0	15	
		Admitted	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.													All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.			
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.					Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
5th Lancers (Royal Irish).	27	Admitted. Died. Invalided.	...	...	3	...	1	...	...	2	2	...	4	...	...	...	...	3	27	0'80	Risalpur, 1st December 1919 (Arrived from England).	
8th Hussars (King's Royal Irish).	20	Admitted. Died. Invalided.	...	...	...	...	...	...	...	...	...	1	...	3	...	...	...	3	25	0'41	Lucknow, 12th December to 31st December 1919. (Arrived from England).	
18th Hussars (Queen Mary's Own).	22	Admitted. Died. Invalided.	...	...	...	...	...	...	...	1	...	...	2	9	...	...	...	1	19	0'45	Secunderabad, 11th December to 31st December, 1919. (Arrived from England on 11th December 1919).	
21st Lancers (Empress of India's).	499	Admitted. Died. Invalided.	...	1	1	24	6	...	2	8	8	...	2	10	1	8	2	49	359	18'10	Meerut, 1st January to 31st December 1919.	
British Reserve Cavalry Regiment (India).	274	Admitted. Died. Invalided.	...	4	...	34	7	...	1	9	...	1	6	4	1	...	2	25	259	9'91		
Remount Training Depot, Neemuch.	98	Admitted. Died. Invalided.	...	...	1	30	3	1	...	...	...	...	3	2	2	...	1	16	90	5'11	Ditto.	
Details Cavalry	48	Admitted. Died. Invalided.	1	...	...	3	1	...	...	1	...	...	1	2	...	1	...	2	60	2'51		
<b>TOTAL—CAVALRY.</b>	<b>1,169</b>	<b>Admitted. Died. Invalided.</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>135</b>	<b>31</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>23</b>	<b>1</b>	<b>4</b>	<b>29</b>	<b>11</b>	<b>25</b>	<b>1</b>	<b>6</b>	<b>106</b>	<b>984</b>	<b>47'29</b>	
<b>ARTILLERY.</b>																						
"C." Battery, Royal Horse Artillery.	18	Admitted. Died. Invalided.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6	0'17	Meerut, 24th November to 31st December, 1919. Delhi, 1st December to 31st December 1919.	
"H." Battery, Royal Horse Artillery.	8	Admitted. Died. Invalided.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	0'06	70	Sialkot, 22nd November, to 31st December 1919. (Arrived from U. K.)
"M." Battery, Royal Horse Artillery.	88	Admitted. Died. Invalided.	...	...	...	13	6	...	...	1	...	...	3	...	...	...	...	2	41	1'65	Risalpur, 1st January to 31st December, 1919.	
"O." Battery, Royal Horse Artillery.	11	Admitted. Died. Invalided.	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	7	0'29	Risalpur, 23rd November, to 31st December 1919. (Arrived from U. K.)	

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess, Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
TILLERY—contd.																									
Battery, Royal Horse Artillery.	173	Admitted Died Invalided	...	...	...	...	9	5	1	...	...	3	...	...	2	...	5	...	13	130	7'13	...	Meerut, 1st January to 30th November 1919, Detachment at Delhi, 1st January to 31st January 1919.	2 0 8	
Ammunitions Columns, Royal Horse Artillery.	7	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0'05	...	Risali, 1st January to 31st December 1919.	10 9 0	
Ammunitions Columns, Royal Horse Artillery.	16	Admitted Died Invalided	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	2	0'10	...	Meerut, 1st January to 31st December 1919.	1 9 0	
Battery, Royal Field Artillery.	96	Admitted Died Invalided	...	1	...	...	42	17	...	1	1	...	...	2	...	4	...	2	...	93	3'28	...	Nowshera, 1st January to 31st December 1919.	15 11 0	
Battery, Royal Field Artillery.	8	Admitted Died Invalided	3	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	12	0'15	...	Quetta, 16th December to 31st December 1919.	0 0 16	
Battery, Royal Field Artillery.	23	Admitted Died Invalided	...	...	...	...	3	1	...	...	1	...	...	1	...	...	...	...	1	22	1'44	...	...	...	
Battery, Royal Field Artillery.	18	Admitted Died Invalided	...	4	...	...	4	1	...	...	...	...	...	1	...	3	...	4	...	30	1'31	115	Nowshera, 9th November to 31st December 1919. (Arrived Nowshera 9th November 1919.)	0 1 21	
Battery, Royal Field Artillery.	104	Admitted Died Invalided	...	2	2	...	25	10	...	1	...	...	...	3	...	2	...	4	...	72	3'32	...	Nowshera, 1st January to 31st December 1919.	15 11 0	
Battery, Royal Field Artillery.	8	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	5	0'12	...	Jubbulpore, 1st December to 31st December 1919. (Arrived from England on 1st December 1919.)	0 1 0	
Battery, Royal Field Artillery.	11	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	13	0'18	...	Kirkee, 21st November to 31st December 1919.	0 1 13	
(Howitzer) Battery, Royal Field Artillery.	140	Admitted Died Invalided	3	...	...	...	51	3	...	...	...	5	3	5	4	...	...	7	...	121	3'08	...	Rawalpindi, and Campbellpore different periods.	16 2 0	
(Howitzer) Battery, Royal Field Artillery.	106	Admitted Died Invalided	...	...	...	...	51	20	...	...	4	...	...	5	...	3	1	2	...	116	4'28	...	Peshawar, 1st January to 31st December 1919.	17 2 0	
Battery, Royal Field Artillery.	108	Admitted Died Invalided	1	...	2	...	27	11	...	...	7	...	6	...	3	...	1	26	...	96	3'01	...	Rawalpindi, 1st January to 31st December 1919.	11 1 0	

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Sickness and Mortality.														All Causes.	Average number constantly sick.	Arrivals in India in 1917.	Stations occupied during the year with dates of occupation. Last move.	
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.					Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
ARTILLERY— <i>contd.</i>																					
79th (Howitzer) Battery, Royal Field Artillery.	88	Admitted Died Invalided	...	...	...	28	86	...	...	1	...	2	5	...	3	...	10	167	4'44	...	Lahore, 1st January to 31st December 1919.
90th Battery, Royal Field Artillery.	96	Admitted Died Invalided	1	1	1	20	...	...	4	5	...	2	8	...	2	...	5	88	4'72	...	Rawalpindi, 1st January to 31st December 1919.
93rd " " "	11	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	8	0'20	...	Kirkee, 19th November to 31st December 1919.
94th " " "	10	Admitted Died Invalided	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	13	0'24	95	Belgaum, 21st November to 31st December 1919. (Arrived from England).
95th " " "	12	Admitted Died Invalided	...	...	...	1	...	...	...	...	...	2	...	...	...	...	1	10	0'16	...	Kirkee, 19th November to 31st December 1919.
101st " " "	112	Admitted Died Invalided	...	...	2	33	...	...	6	...	5	...	1	...	...	5	99	5'69	...	Hyderabad, 1st January to 11th May and 11th October to 30th December 1919.	
102nd " " "	87	Admitted Died Invalided	3	...	...	72	...	1	1	...	...	...	...	5	1	6	125	5'66	...	Quetta, 1st January to 7th December 1919.	
104th " " "	20	Admitted Died Invalided	...	...	...	4	2	...	1	...	1	...	...	...	...	4	30	1'76	...	Lahore	
105th " " "	19	Admitted Died Invalided	...	...	...	...	...	...	...	...	1	...	2	...	...	...	21	0'52	104	Jullundur, 5th November to 31st December 1919. (Arrived from England).	
106th " " "	10	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	1	...	1	12	0'31	...	Ferozapore	
110th " " "	10	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	3	9	0'15	...	Jubbulpore, 1st December to 31st December 1919. (Arrived from U. K.).	
111th " " "	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	1	...	...	...	...	3	6	0'14	...	Jubbulpore, 1st December to 31st December 1919. (Arrived from U. K. on 1st December 1919.)	

RPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
																										Admitted	Died	Invalided
ALRY— nd. Battery, 1 Field ry.	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	0'27	...	Kapmtee, 5th December to 31st December 1919. (Arrived from U.K. on 5th December 1919).	0 0 26
" "	10	Admitted Died Invalided	...	...	...	...	7	...	...	...	...	...	...	...	...	1	...	...	...	...	...	17	0'40	128	Jhansi, 4th December to 31st December 1919. (Arrived from England on 4th December 1919).	0 0 28
" "	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	0'19	...	Cawnpore, 1st December to 31st December 1919. (Arrived from England on 1st December 1919).	0 1 0
" "	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	0'11	109	Nasirabad, 1st December to 31st December 1919. (Arrived from England on 1st December 1919).	0 1 0
" "	14	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	0'32	87	Nowshera, 1st November to 31st December 1919.	0 2 0
" "	16	Admitted Died Invalided	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	1	...	...	...	3	1'03	102	Nowshera, 6th November to 31st December 1919. (Arrived from England on 6th November 1919).	0 1 25
" "	10	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	0'54	...	Peshawar.	...
" "	13	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0'22	...	Rawalpindi, 25th November to 1st December 1919.	0 0 7
" "	9	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	0'44	...	Rawalpindi, 26th November to 31st December 1919.	0 1 5
" "	9	Admitted Died Invalided	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	0'24	...	Campbellpore, 26th November to 31st December 1919.	0 1 5
" "	11	Admitted Died Invalided	...	...	...	...	5	...	...	...	...	...	...	...	...	1	...	...	...	...	...	12	0'54	...	Rawalpindi, 26th November to 31st December 1919.	0 1 5

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-Pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	
ARTILLERY— <i>contd.</i>																									
134th Battery, Royal Field Artillery.	8	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	11	0'39	...	Hyderabad, 5th December to 31st December 1919.	
165th " "	10	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	9	0'25	117	Jhansi, 4th December to 31st December 1919. (Arrived from U. K. on 4th December 1919.)	
166th " "	6	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	12	0'19	...	Meerut, 16th December to 31st December 1919.	
1089th " "	161	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	3 ... ...	34 1 ...	12 ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	... ... ...	1 ... ...	5 ... ...	8 ... ...	3 ... ...	... ... ...	4 ... ...	14 ... ...	145	7'97	...	Jubbulpore, 1st January to 12th October 1919. Demobilized on 12th October 1919.	
1091st " "	89	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	3 ... ...	29 2 ...	59 ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	6 ... ...	... ... ...	3 ... ...	... ... ...	1 ... ...	5 ... ...	93	4'43	...	Lahore, 1st January to 31st December 1919.	
1095rd " "	91	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	19 1 ...	10 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	92	4'38	...	Jullundur, 3rd January to 15th October 1919. Left India on 15th October 1919.	
1094th " "	135	Admitted Died Invalided	... ... ...	... ... ...	1 1 ...	... ... ...	43 ... ...	80 ... ...	... ... ...	... ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	1 ... ...	10 ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	6	276	11'19	...	Ferozepore, 1st January to 14th October 1919. Left for Eng- land on 14th October 1919.
1096th " "	99	Admitted Died Invalided	... ... ...	... ... ...	3 ... ...	... ... ...	40 ... ...	7 ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	1 ... ...	2 ... ...	2 ... ...	2 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	7	100	4'01	...	Ambala, 7th January to 16th October 1919. Lucknow 1st July to 6th October 1919.
1097th " "	165	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	2 ... ...	25 1 ...	3 ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	1 ... ...	1 ... ...	2 ... ...	2 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	4	106	4'71	...	Mhow, 1st January to 15th October 1919, Jullundur 8th October to 14th November 1919.
1098th " "	194	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	4 ... ...	30 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	1 ... ...	7 ... ...	1 ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	13	120	7'34	...	Kiikee, 1st January to 12th November 1919

R.F.S.	Average annual strength.	Classification.	Influenza.	Cholera. Small-pox. Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess. Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
ALRY— Battalion	192	Admitted Died Invalided	...	...	34	...	...	...	3	...	...	...	4	11	8	...	14	135	7'57	...	Secunderabad, 1st January to 18th October 1919. Left for England on 18th October 1919.	4 9 9
" "	70	Admitted Died Invalided	...	...	2	3	1	6	...	...	...	2	1	...	6	...	12	83	3'42	...	Delhi, 1st Feb- ruary to 31st March 1919, Meerut 1st April to 4th July 1919.	4 3 26
" "	96	Admitted Died Invalided	...	1	36	...	...	2	15	...	...	...	...	...	...	1	3	88	7'09	...	Hyderabad, 1st January to 11th May 1919 and 11th October to 14th November 1919.	3 1 21
tion Co- Royal Artil- 1	38	Admitted Died Invalided	...	1	15	5	...	1	...	...	...	...	...	...	...	...	...	31	1'86	...	Nowshera, 1st January to 31st December 1919.	15 0 0
2	25	Admitted Died Invalided	3	...	4	...	...	...	...	...	...	...	12	1	...	...	1	25	1'70	...	Rawalpindi, 1st January to 31st December 1919.	13 0 0
4	39	Admitted Died Invalided	...	...	10	...	...	3	...	...	...	...	...	...	...	1	...	20	0'95	...	Hyderabad, 1st January to 11th May and 11th October to 31st Decem- ber 1919.	14 7 2
12	31	Admitted Died Invalided	...	1	2	...	...	1	...	1	...	...	2	...	...	1	1	16	1'19	...	Amritsar, 1st January to 31st December 1919.	16 10 0
Special ion, Royal Artillery.	77	Admitted Died Invalided	...	...	6	8	...	...	...	1	...	1	4	3	2	...	4	58	2'39	...	Jubbulpore, 12th May to 31st December 1919, Peshawar, 1st January to 31st Decem- ber 1919.	1 11 27
" "	89	Admitted Died Invalided	5	1	9	1	...	1	3	...	...	...	6	...	1	1	13	87	3 69	...	Lucknow, 1st January to 23rd October 1919, Jubbulpore, 13th May to 22nd Decem- ber 1919. Disbanded.	1 11 22
" "	88	Admitted Died Invalided	1	...	22	3	...	...	9	1	...	...	9	1	2	3	2	151	5'54	...	Barrackpore, 1st January to 31st December 1919. Detachments at Meerut, Bar- rackpore and Jubbulpore. Different peri- ods.	1 11 0

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	
																									Admitted	Died	Invalided
ARTILLERY—contd.																									
No. 4 Special Section, Royal Field Artillery.	34	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	5 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1'44	Kirkee, 1st January to 31st December 1919.	
" 5 " "	33	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	11 ... 2	... ... ...	... ... ...	... ... ...	2 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2'16	Secunderabad, 1st January to 31st December 1919.	
" 6 " "	24	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	0'15	Madras, 1st January to 31st December 1919.	
No. 2 Bullock Battery, Royal Field Artillery.	5	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	0'71	Lucknow, 1st January to 24th January 1919. Disbanded on 24th January 1919.	
Royal Garrison Artillery— No. 1 British Mountain Battery.	73	Admitted Died Invalided	2 ... 1	... ... ...	... ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1'82	Quetta, 1st January to 31st December 1919.
" 2 " "	58	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	25 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3'21	Jutogh, 26th April to 30th November 1919. Disbanded on 30th November 1919.
" 3 " "	57	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	1 ... ...	47 ... 6	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2'81	Rawalpindi, 1st January to 31st December 1919.
" 4 " "	67	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	21 ... 6	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1'82	Ditto.
" 5 " "	55	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1'24	Jutogh, 26th April to 30th November 1919. Disbanded on 30th November 1919.
" 6 " "	56	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	36 ... 1	21 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3'96	Peshawar, 1st January to 31st December 1919.

TABLE XI  
RESULTS OF REGISTRY

No.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
			Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	Admitted	Died	Invalided	V. M. D
1	5	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	7	0'15	Jutogh, 26th April to 30th November 1918, Delhi 13th December to 31st December 1919, Disbanded.	0 7 24
2	82	Admitted Died Invalided	...	...	...	...	13	1	...	1	...	1	...	1	...	1	...	...	...	1	43	1'67	Peshawar, 1st January to 31st December 1919	34 0 0	
3	86	Admitted Died Invalided	4	...	...	...	5	...	...	...	...	...	1	1	1	...	...	...	...	9	57	2'61	Quetta, 1st January to 31st December 1919.	35 0 0	
4	12	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	11	0'33	145	Multan, 1st December to 31st December 1919 (Arrived from England on 1st December 1919).	0 1 0
5	13	Admitted Died Invalided	...	...	...	...	3	...	...	...	...	...	1	3	...	...	...	...	...	...	16	0'61	146	Multan, 28th November to 31st December 1919. (Arrived from England on 28th November 1919).	0 1 3
6	13	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	0'06	...	Nowgong, 4th December to 31st December 1919.	0 0 28
7	9	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	7	0'11	...	Rurki.	
8	10	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	5	0'40	...	...	
9	10	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	0'24	...	Peshawar.	
10	13	Admitted Died Invalided	1	...	...	...	...	...	...	...	...	...	...	1	1	3	1	...	...	3	19	0'56	...	Colaba.	
11	93	Admitted Died Invalided	6	...	...	...	5	...	...	...	1	...	2	1	1	1	...	...	...	1	34	1'42	...	Allahabad, 1st January to 31st December 1919.	20 11 0

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classifi- cation.	Influenza.	Cholera. Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess. Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number con- stantly sick.	Arrivals in India in 1918.	Stations occu- pied during the year with date of occupation Last move.
Royal Garrison Artillery:—																						
" 52 "	74	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	19 ... 6	... ... ...	... ... ...	... ... ...	3 ... 3	... ... ...	... ... ...	6 ... 1	1 ... ...	4 ... ...	... ... ...	6 ... ...	100 1 23	3'40	...	Calcutta, 1 January 31st Decem- ber 1919.
" 60 (Heavy) Battery.	69	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	... ... ...	... ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	4 ... ...	52 ... 2	1'69	...	Rurki, 1st Jan- ary to 13 September 1919
" 61 Company	71	Admitted Died Invalided	9 ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	9 ... ...	56 ... 1	2'12	...	Colaba, 1st Jan- ary to 31st December 1919
" 64 "	88	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	1 ... ...	4 ... ...	... ... ...	4 ... 2	... ... ...	9 ... 3	2 ... 1	3 ... ...	... ... ...	10 ... ...	100 ... 9	5'60	...	Rangoon, 1 January to 3 December 1919
" 68 (Heavy) Battery.	71	Admitted Died Invalided	2 ... 1	1 ... ...	... ... ...	... ... ...	4 ... ...	1 ... ...	1 ... ...	1 ... ...	4 ... 3	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	8 ... ...	68 1 7	1'95	...	Cawnpore, 1 January; 29th June 1919 Rurki, 30 June to 31 December 1919
" 70 Company.	74	Admitted Died Invalided	1 ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	3 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	4 ... ...	28 ... 2	1'70	...	Karachi, 1 January to 31 December 1919.
" 73 "	79	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	9 ... ...	2 ... ...	... ... ...	2 ... ...	1 ... 1	... ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	52 ... 2	2'61	...	Amritsar, 1 January 31st Decem- ber 1919.
" 74 "	87	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	57 ... ...	23 ... ...	1 ... ...	2 ... ...	5 ... 2	... ... ...	... ... ...	1 ... ...	2 ... ...	3 ... ...	... ... ...	3 ... ...	133 ... 6	5'14	...	Agra, 1st Jan- ary to 31st December 1919 Detachment Delhi 1st Jan- ary to 31st December 1919.
" 75 "	94	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	24 ... 1	... ... ...	1 ... ...	... ... ...	4 ... 1	... ... ...	... ... ...	7 ... 1	6 ... 1	3 ... ...	... ... ...	5 ... ...	112 ... 7	6'40	...	Rangoon, 1 January to 3 December 1919.
" 76 "	74	Admitted Died Invalided	10 ... ...	1 ... ...	... ... ...	... ... ...	12 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... 1	1 ... 1	3 ... ...	... ... ...	13 ... ...	76 1 4	4'86	...	Colaba, 1st Jan- ary to 31st December 1919

RPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
Garrison Company	75	Admitted Died Invalided	6 ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	5 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	7 ... ...	66 1 2	3'13	Celaba, 1st January to 31st December 1919.	18 1 0	
"	105	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	46 ... 1	44 ... ...	... ... ...	... ... ...	2 ... 1	3 ... ...	... ... ...	... ... ...	3 ... ...	2 ... 1	2 ... ...	... ... ...	... ... ...	4 ... ...	158 1 3	6'78	Ferozepore, 1st January to 31st December 1919.	17 10 0	
"	72	Admitted Died Invalided	3 ... ...	... ... ...	... ... ...	... ... ...	33 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 ... 7	... ... ...	... ... ...	... ... ...	5 ... 4	... ... ...	... ... ...	... ... ...	... ... ...	100 ... 11	5'46	Rawalpindi, 1st January to 31st December 1919.	17 2 0	
"	73	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... 1	... ... ...	2 ... ...	... ... ...	... ... ...	1 ... ...	25 ... 2	1'31	Karachi, 1st January to 31st December 1919.	15 11 0	
Royal Artillery Training	151	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	19 ... 2	... ... ...	... ... ...	... ... ...	1 ... ...	5 ... 3	... ... 1	2 ... 4	8 ... ...	3 ... ...	4 ... ...	... ... ...	... ... ...	1 ... ...	15 2 22	8'63	Jubbulpore, 1st January to 25th October 1919. Disbanded on 25th October 1919.	1 6 27	
Royal Artillery Training	177	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	24 ... 4	... ... ...	... ... ...	... ... ...	... ... ...	9 ... 6	... ... ...	1 ... ...	7 ... 2	1 ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	6 ... 23	4'57	Ditto.	1 6 27	
Royal Artillery Training	125	Admitted Died Invalided	2 ... 1	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	1 ... ...	5 ... 3	... ... ...	2 ... 1	7 ... 2	3 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	75 1 17	3'84	Jubbulpore, 1st January to 30th September 1919. Disbanded.	1 6 2	
Royal Artillery Training Depot.	174	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	36 ... 7	2 ... ...	1 ... ...	... ... ...	4 ... 4	... ... ...	... ... ...	... ... ...	1 ... 1	5 ... 1	1 ... ...	... ... ...	... ... 3	5 ... ...	88 1 19	3'53	Neemuch, 1st January to 31st August 1919.	1 5 0	
Artillery, Dina-	12	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	0'27	...	...	

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.
Royal Artillery Depot, Rurki.	25	Admitted Died Invalided	...	...	...	...	2	...	...	...	1	...	...	...	...	1	...	...	...	...	22	0'46	...	1st January to 31st December 1919.
Royal Artillery Depot, Jubbulpore.	126	Admitted Died Invalided	...	...	...	...	13	1	...	...	...	4	1	...	4	5	1	...	2	8	94	4'53	...	...
Royal Artillery Depot, Secunderabad.	7	Admitted Died Invalided	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	1	7	0'56	...	1st January to 31st August 1919.
Royal Artillery Depot, Kirkee.	85	Admitted Died Invalided	...	...	...	1	12	...	...	...	...	5	2	...	3	2	1	...	...	8	56	2'81	...	1st January to 31st December 1919.
Royal Artillery Depot, Ahmednagar.	47	Admitted Died Invalided	...	...	...	...	3	1	...	...	...	4	...	...	2	1	...	...	...	6	48	1'56	...	1st January to 31st December 1919.
Royal Artillery Depot, Belgaum.	31	Admitted Died Invalided	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	9	0'61	...	1st January to 7th November 1919.
Royal Artillery Depot, Ambala.	241	Admitted Died Invalided	...	...	...	1	46	23	...	...	2	5	1	4	6	9	8	1	1	23	217	11'82	...	1st January to 31st December 1919.
Royal Artillery Boys Depot.	37	Admitted Died Invalided	...	...	...	...	6	...	...	...	...	...	...	...	1	...	1	...	...	...	32	1'88	...	Nowshera, 1st January to 31st December 1919. Khans Pur, 12th May to 17th October 1919.
Details Royal Artillery.	781	Admitted Died Invalided	7	2	3	146	8	1	1	7	12	...	3	13	4	18	...	...	...	54	491	26'74	...	...
Total Royal Artillery.	7,184	Admitted Died Invalided	83	22	24	1,513	490	8	17	42	204	8	37	241	99	159	5	27	506	6,371	284'60	...	...	

SRPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
ROYAL ENGINEERS.																										Y. M. D.
Wireless	53	Admitted Died Invalided	...	...	...	1	14	...	...	...	12	...	...	...	...	...	3	...	1	7	107	2	6'64	Rawalpindi, 1st January to 31st December 1919.	3 0 0	
Service, Poona.	898	Admitted Died Invalided	18	1	7	...	89	...	...	2	16	...	2	16	15	29	...	...	...	83	623	4	45'53	Poona, 1st January to 31st December 1919.	3 0 0	
Cavalry Signal Coy.	13	Admitted Died Invalided	...	...	...	...	8	2	...	...	...	...	...	...	...	...	1	...	...	...	15	...	0'33	Risalpur, 1st January to 31st December 1919.	1 0 0	
Electrical and Mechanical Coy.	3	Admitted Died Invalided	2	...	...	...	...	...	...	...	1	...	...	...	3	1	...	...	...	...	41	1	0'92	Rawalpindi, 5th September to 31st December 1919.	0 3 26	
3rd Div. Signal Coy.	39	Admitted Died Invalided	2	...	...	...	8	...	...	...	1	...	...	...	...	...	...	...	...	2	21	...	1'52	Quetta, 1st January to 31st December 1919.	3 0 0	
4th Div. Signal Coy.	64	Admitted Died Invalided	...	...	...	...	11	...	...	1	3	...	...	...	1	1	2	...	...	3	47	1	2'45	Secunderabad, 1st January to 31st December 1919.	1 0 0	
5th Div. Signal Coy.	36	Admitted Died Invalided	...	...	...	...	9	3	...	...	2	...	...	...	1	...	...	...	...	3	23	1	1'07	Peshawar, 1st January to 31st December 1919.	3 0 0	
6th Div. Signal Coy.	30	Admitted Died Invalided	...	...	...	...	2	...	...	...	1	...	...	...	...	...	2	1	...	...	29	...	1'94	Rawalpindi, 1st January to 31st December 1919.	2 2 0	

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.														All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.				
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.					Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
No. 40, Divisional Signal Company.	27	Admitted Died Invalided	...	...	...	...	4	10	...	...	...	...	...	...	1	...	...	...	...	5	27	1'26	Lahore	
No. 47, Divisional Signal Company.	13	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	0'04	Jubbulpore, 1st January to 8th November 1919.	
Details Royal Engineers.	700	Admitted Died Invalided	2	1	2	1	76	...	1	2	2	17	1	4	15	22	9	...	2	88	468	4	33'54	...
Total Royal Engineers.	1,876	Admitted Died Invalided	24	1	3	9	221	15	1	4	15	36	2	6	47	38	47	1	3	191	1,424	12	95'24	...
MACHINE GUN CORPS.																								
3rd Machine Gun Section.	25	Admitted Died Invalided	...	...	...	...	3	...	...	...	...	1	...	...	1	...	...	...	...	2	25	...	Risalpur, 30th October to 31st December 1919.	
3rd Motor Machine Gun Squadron.	56	Admitted Died Invalided	1	...	...	1	3	4	...	...	...	...	...	...	1	1	...	...	...	1	27	1	4'37	Ambala, 1st January to 30th November 1919.
4th Machine Gun Squadron.	17	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	56	...	1'21	Meerut, 25th November to 31st December 1919.
5th Machine Gun Corps.	9	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	14	...	0'31	Kamptee, 5th December to 31st December 1919.

IRPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heart-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
Machine Corps.	89	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	1	...	...	1	...	2	...	...	9	49	1'19	...	Cawnpore, 18th November to 31st December 1919. (Arrived from England on 18th November 1919.)	0 1 13
Machine Corps.	94	Admitted Died Invalided	...	...	...	1	4	1	...	...	...	3	...	...	2	1	2	...	...	20	110	3'46	...	Jubbulpore, 22nd November to 31st December 1919. (Arrived from England on 22nd November 1919.)	0 1 9
Motor Machine Gun Bn.	44	Admitted Died Invalided	1	...	...	...	4	...	...	...	...	...	...	...	1	...	...	...	1	2	31	1'09	...	Jubbulpore	...
Motor Machine Gun Bn.	43	Admitted Died Invalided	...	...	...	...	7	...	...	...	...	2	...	...	...	...	...	...	...	...	18	1'26	...	Peshawar, 1st January to 31st December 1919.	1 11 24
Machine Corps.	50	Admitted Died Invalided	...	...	...	...	20	9	...	...	...	...	...	...	...	...	...	...	1	2	53	1'58	...	Risalpur, 4th February to 31st October 1919.	0 8 25
Motor Machine Gun Bn.	39	Admitted Died Invalided	...	...	...	...	10	...	...	...	...	1	...	...	1	...	1	...	...	1	26	1'04	...	Quetta, 1st January to 30th November 1919.	0 11 0
Machine Squadron.	54	Admitted Died Invalided	5	1	...	...	6	...	...	1	...	...	...	...	1	1	2	...	1	3	35	2'36	...	Risalpur, 1st January to 4th February 1919. Quetta, 1st April to 30th November 1919.	0 9 4
Motor Machine Gun Bn.	27	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	1	5	...	5	...	...	26	1'59	...	Rawalpindi	...
Machine Corps.	103	Admitted Died Invalided	...	...	...	...	4	3	...	...	7	5	...	1	8	...	6	...	...	2	137	5'04	...	Meerut, 1st January to 20th November 1919.	0 11 0

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lung.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918	Stations occupied during the year with dates of occupation. Last move.
MACHINE GUN CORPS— <i>contd.</i>																								
24th Machine Gun Corps.	47	Admitted Died Invalided	...	...	...	...	4	...	...	...	...	1	...	1	1	...	...	...	...	1	22	1'01	Raisalpur, 1st January to 3rd May 1919.	
202nd " " "	8	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	0'34	Lahore.	
203rd " " "	18	Admitted Died Invalided	...	...	...	...	2	...	...	...	...	...	...	...	1	...	2	...	...	1	6	0'27	Quetta, 1st November to 31st December 1919	
204th " " "	33	Admitted Died Invalided	...	...	...	...	33	1	...	...	...	...	...	...	2	...	...	...	...	...	47	1'18	Landikotal, 16th September to 19th December 1919.	
222nd " " "	62	Admitted Died Invalided	...	...	...	...	1	9	...	...	...	1	...	...	...	1	5	...	...	1	29	9'96	Abbottabad 1st January to 21st July 1919, Landi Kotal, 10th September to 6th October 1919.	
236th " " "	30	Admitted Died Invalided	...	...	...	2	10	...	...	...	...	...	...	...	...	1	...	...	...	8	38	2'26	ISI.	
262th " " "	84	Admitted Died Invalided	...	...	...	...	15	23	...	...	...	5	...	...	3	...	3	...	1	7	40	3'63	Lahore, 1st January to 31st December 1919.	
263rd " " "	80	Admitted Died Invalided	...	1	...	...	50	10	...	1	...	3	...	...	1	...	1	...	...	1	78	3'14	Nowshera, 1st January to 31st December 1919.	

TABLE XI  
DISEASES

ORPS.	Average annual strength.	Classification.	Classification.														Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.			
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.					Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.
CHINE CORPS— contd.	Machine Company.	101	Admitted	...	...	1	24	...	...	...	...	...	1	1	1	...	3	58	2'88	...	Quetta, 1st January to 30th November 1919.	1 9 12	
			Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					...	...	...	...	...
		13	Admitted	1	...	...	14	...	...	...	...	...	...	...	...	1	...	...	22	6'52	...	Quetta, 1st October to 30th November 1919.	0 2 0
			Died	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1					...	...	...	...
		40	Admitted	...	...	...	32	34	...	...	...	...	...	2	...	...	...	6	107	4'13	...	Lahore.	...
			Died	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1					...	...	...	...
		58	Admitted	...	...	...	36	2	...	...	...	5	...	...	1	2	...	4	69	2'39	...	Nasirabad, 8th May to 27th November 1919	0 6 21
			Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					...	...	...	...
		56	Admitted	...	...	...	29	10	...	...	...	4	...	...	...	3	...	1	76	3'12	...	Nowshera, 1st January to 31st December 1919.	1 3 9
			Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					...	...	...	...
45	Admitted	...	...	...	6	12	...	...	...	2	...	3	2	...	2	2	46	1'42	...	Abbottabad, 1st January to 21st July 1919.	0 10 0		
	Died	...	...	...	...	...	...	...	...	2	...	1	...	...	1	...	6					...	...	...	...
16	Admitted	...	...	...	17	...	...	...	...	...	...	...	...	...	...	...	20	0'47	...	Kohat, 21st September to 24th November 1919.	0 2 5		
	Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					...	...	...	...
65	Admitted	...	...	...	17	28	...	...	1	2	...	6	...	2	...	10	84	4'41	...	Lahore,	...		
	Died	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	4					...	...	...	...
797	Admitted	4	1	4	113	3	1	5	2	27	...	6	12	10	25	1	5	58	25'85	...	Lahore, 1st January to 31st December 1919.					2 0 6
	Died	...	...	...	...	...	...	...	2	11	...	2	4	2	...	1	1	...				...	...	...	...

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.															Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.		
			Influenza.	Cholera, Small-pox.	Enteric Fever.	Malaria.	Sandyfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess, Hepatic Congestion and Inflammation.				Veneral Diseases.	All Causes.
Details Machine Gun Corps.	37	Admitted	...	...	...	15	...	...	2	1	...	3	1	...	...	3	40	1'73	...			
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1					
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
Total Machine Gun Corps.	2,241	Admitted	19	3	9	464	149	1	9	10	63	1	9	50	20	63	1	12	150	1,021	82'30	...
		Died	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12		
		Invalided	...	...	3	2	...	...	...	1	3	15	1	2	6	3	1	1	2	...			81
ARMoured MOTOR BATTERIES.																						
No. 1, Armoured Motor Battery.	49	Admitted	...	1	1	20	4	...	...	...	...	...	1	...	...	...	...	...	...	37	1'71	Peshawar, 1st January to 31st December 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
No. 8, Armoured Motor Battery.	14	Admitted	...	...	...	6	...	...	...	...	...	...	1	...	...	...	...	...	...	8	0'29	Quetta, 1st January to 31st March 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
No. 9, Armoured Motor Battery.	18	Admitted	...	...	...	3	4	...	...	...	1	...	...	...	4	...	...	...	...	20	0'75	Lahore and Feroze, ore.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
		Invalided	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...		
No. 10, Armoured Motor Battery.	18	Admitted	...	...	...	4	3	...	...	...	...	...	2	...	...	...	...	...	...	15	1'09	Ditto
		Died	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
No. 11, Armoured Motor Battery.	9	Admitted	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	5	0'17	Amba'a, 1st January to 30th November 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
No. 12, Armoured Motor Battery.	11	Admitted	...	...	...	8	7	...	...	1	1	...	...	...	1	...	1	3	...	22	1'27	Delhi, 1st May to 31st December 1919.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
		Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
No. 14, Armoured Motor Battery.	22	Admitted	2	...	...	3	1	...	...	1	...	...	...	4	...	...	...	...	...	20	0'20	Lucknow.
		Died	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2		
		Invalided	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...		

No.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
Armoured Battery.	12	Admitted Died Invalided	...	...	...	...	4	...	...	...	...	1	...	...	...	3	1	...	...	1	18	1	...	Secunderabad, 1st January to 31st December 1919.	Y.M.D. 1 0 0
Armoured Battery.	153	Admitted Died Invalided	2	1	1	51	19	...	...	2	3	...	...	1	6	5	6	1	7	145	4	6	...	...	
L ARMY VICE R.S.	60	Admitted Died Invalided	...	...	...	12	3	...	...	1	...	...	...	...	...	...	2	...	2	42	1	...	Peshawar, 1st January to 31st December 1919.	3 0 0	
Mechanical Sport Com.	211	Admitted Died Invalided	22	...	...	101	3	1	1	...	6	1	...	1	9	2	14	...	1	24	305	1	...	Rawalpindi, 1st January to 31st December 1919.	2 8 0
" "	26	Admitted Died Invalided	...	1	...	6	...	...	...	...	...	...	...	...	...	...	1	...	1	16	1	...	Karachi, 1st January to 31st December 1919.	1 3 0	
" "	13	Admitted Died Invalided	1	...	...	6	...	...	...	...	...	...	...	...	...	...	2	...	1	12	1	...	Rawalpindi, 6th September to 31st December 1919.	0 10 25	
" "	72	Admitted Died Invalided	...	1	...	15	4	...	...	1	1	1	...	...	2	...	1	...	...	41	1	...	Peshawar, 1st January to 31st December 1919.	3 0 0	
" "	83	Admitted Died Invalided	3	2	...	25	5	...	...	...	...	...	...	1	3	...	...	...	...	76	1	...	Rawalpindi, 1st January to 31st December 1919. Detachment at Karachi, 1st January to 31st May 1919.	3 0 0	
" "	105	Admitted Died Invalided	...	2	...	28	5	...	...	1	7	2	...	...	1	1	1	1	...	80	4	...	Peshawar, 1st January to 31st December 1919. Detachment at Landi Kotal, 16th September to 15th December 1919.	3 0 0	
" "	17	Admitted Died Invalided	...	...	...	2	1	1	...	...	2	...	...	...	...	...	...	...	...	23	2	...	Cawnpore, 8th April to 29th May 1919. (Arrived from Mesopotamia).	0 1 21	

EUROPEAN TROOPS, 1919.

TABLE XI—concluded.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.
No. 1028 Mechanical Transport Company.	17	Admitted Died Invalided	...	...	1	...	11	...	...	1	1	...	...	...	...	...	1	...	...	...	23 1	0'46	Rurki.	
Mechanical Transport Training Schools.	62	Admitted Died Invalided	...	...	...	...	4	...	...	...	1	...	1	...	2	...	3	...	...	...	28 1 14	2'90	.....	
No. 23, Motor Ambulance Convoy.	6	Admitted Died Invalided	...	...	...	...	5	1	...	...	...	...	...	...	...	...	1	...	...	...	8	0'09	Peshawar and Thall.	
No. 28, Motor Ambulance Convoy.	47	Admitted Died Invalided	8	1	...	...	13	2	...	...	...	...	...	...	14	...	1	...	2	...	51	2'65	Rawalpindi, 1st January to 31st December 1919.	
No. 1, Advanced Repair Workshops.	37	Admitted Died Invalided	...	...	...	...	11	2	...	1	3	...	1	...	...	...	2	...	...	...	26 2	1'19	Peshawar, 1st January to 31st December 1919.	
Royal Army Service Corps. Details.	302	Admitted Died Invalided	2 1	2	...	...	51 7	...	...	...	18	20	...	...	3 3	17 15	3 1	...	33 3	...	271 2 105	18'98	.....	
Total		Admitted Died Invalided	36 1	10 1	...	...	290 14	26 ...	2 ...	3 ...	11 ...	33 27	...	2 ...	34 3	20 16	32 1	1 1	1 3	72 ...	1,001 6 140	50'97	.....	
INFANTRY.																								
Argyll and Sutherland Highlanders (Princess Louise's) 1st Battalion.	99	Admitted Died Invalided	...	...	...	...	7	1	...	...	...	...	...	...	4	...	...	...	...	21	126 1 1	1'98	Bangalore, 10th August to 30th November 1919. Kirkee 1st December to 31st December 1919. (Arrived from United Kingdom on 10th August 1919.)	
Bedfordshire Regiment 1st Battalion.	18	Admitted Died Invalided	...	4	...	...	58	9	...	...	2	...	...	2	...	2	...	2	...	1	76 1	1'92	Agra, 15th October to 8th November 1919. (Left for United Kingdom on 8th November 1919.)	

EUROPEAN TROOPS 1919  
TABLE XI—continued  
STATISTICS OF MORTALITY

Corps.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-Pox.	Enteric Fever.	Malaria.	Sanitary Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
INFANTRY— (contd.)																									
Dorsetshire Regiment, 2nd Battalion.	179	Admitted Died Invalided	...	...	...	...	5	...	...	2	...	1	...	...	11	5	15	...	...	7	242	7*11	...	Secunderabad, 28th October to 31st December 1919. (Arrived from England on 28th October 1919.)	Y. M. D. 0 2 4
Derbyshire Regiment, 1st Battalion.	91	Admitted Died Invalided	...	...	...	...	3	...	1	...	...	3	...	1	2	...	6	...	...	10	85	3*23	...	Karachi 21st November to 31st December 1919. (Arrived from England on 21st November 1919)	0 1 10
Derbyshire Regiment, 1-4th Battalion.	481	Admitted Died Invalided	1	...	...	...	136	11	...	1	...	30	...	1	6	16	11	...	...	9	418 1	13*41	...	Jubbulpore, 1st January to 17th October 1919. (Left for United Kingdom on 17th October 1919.)	4 8 7
Derbyshire Regiment, 2-4th Battalion.	329	Admitted Died Invalided	...	1	4	...	52	34	1	...	5	10	1	...	6	...	6	...	...	4	259 4	9*68	...	Peshawar 15th January to 31st December 1919. Detachment at Campbellpore, 5th February 1919 to 12th June 1919.	4 9 0
Combined British Infantry Depot, No. 1.	766	Admitted Died Invalided	21	6	8	...	119	...	1	5	...	65	...	3	36	33	9	1	8	159	765 8	60*14	...	Bangalore various periods. Detachment at Bellary, Calicut and Cananore.	...
Combined British Infantry Depot, No. 2.	640	Admitted Died Invalided	2	3	2	...	299	...	...	3	...	26	...	2	26	6	7	2	2	47	565 2	21*29	...	Kirkee.	...
Cameron Highlanders (The Queen's Own), 1st Battalion.	219	Admitted Died Invalided	7	...	...	...	19	4	...	1	...	4	...	2	15	...	4	...	...	41	362 2	13*31	...	Lucknow, 22nd August to 7th November 1919. Rawalpindi 9th November to 31st December 1919.	...

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Headstroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.
Cameronians Scottish (Rifles) 2nd Battalion.	112	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	12 ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	7 ... ...	92 1 ...	4'04	...	Nasirabad, 15th August to 31st October 1919, Rawalpindi, 1st November to 31st December 1919. (Arrived from England on 15th August 1919).
Connaught Rangers, 1st Battalion.	55	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	... ... ...	3 ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	8 ... ...	56 1 1	1'46	524	Jullundur, 24th November to 31st December 1919. (Arrived from England on 24th November 1919).
Devonshire Regiment, 2nd Battalion.	256	Admitted Died Invalided	23 ... ...	1 ... ...	... ... ...	... ... ...	18 ... ...	2 ... ...	... ... ...	8 ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	16 ... ...	3 ... ...	15 ... ...	... ... ...	1 ... ...	15 ... ...	390 2 1	18'60	...	Bagshai, 10th September to 18th November 1919, Subathu, 10th September to 19th November 1919, Quetta, 13th November to 31st December 1919.
Devonshire Regiment, 14th Battalion.	29	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	1 ... ...	12 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	21 ... 7	1'62	...	Wellington, 1st January to 31st December 1919.
Devonshire Regiment, 16th Battalion.	21	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	10 ... 3	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	15 ... 5	1'73	...	Wellington, 1st January to 31st December 1919.
Devonshire Regiment, 26th Battalion.	11	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	4 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	9 ... 3	0'34	...	Wellington, 1st January to 31st December 1919.
Dorsetshire Regiment, 2nd Battalion.	135	Admitted Died Invalided	4 ... ...	... ... ...	... ... ...	... ... ...	25 ... 1	... ... ...	... ... ...	1 ... ...	... ... ...	5 ... 1	... ... ...	... ... ...	9 ... ...	8 ... ...	5 ... ...	... ... ...	... ... ...	15 ... ...	247 1 2	10'10	821	Bangalore, 24th October to 31st December 1919. (Arrived from United Kingdom on 24th October 1919).
Dorsetshire Regiment, 14th Battalion.	11	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	10 ... 1	0'68	...	Wellington.

Regiment	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Elastic Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic fever.	Heat stroke.	Circulatory diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral diseases.	All causes.	Average number constantly sick.	Arrivals in India in 1918.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
1st Coy, Light Infantry, 2nd Division.	144	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	18 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	1 ... ...	3 ... ...	1 ... ...	19 ... ...	... ... ...	... ... ...	30 ... ...	214 ... ...	592 ... ...	... ... ...	Calcutta, 21st October to 31st December 1919, Detachment at Dinapore, 1st October to 31st December 1919.	Y. M. D.
1st Coy, Light Infantry, 2-4th Division.	536	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	4 ... ...	195 ... ...	63 ... ...	... ... ...	1 ... ...	8 ... ...	4 ... ...	... ... ...	3 ... ...	5 ... ...	1 ... ...	9 ... ...	... ... ...	7 ... ...	29 ... ...	486 ... ...	1674 ... ...	... ... ...	Delhi, 1st January to 12th September 1919, Solon, 12th September to 2nd November 1919, Detachments at Bareilly and Ambala, (Left for England, on 2nd November 1919).	2 10 4
Light Infantry, 1st Division.	320	Admitted Died Invalided	6 ... ...	... ... ...	... ... ...	2 ... ...	75 ... ...	43 ... ...	... ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	8 ... ...	... ... ...	... ... ...	28 ... ...	266 ... ...	1354 ... ...	... ... ...	Rawalpindi, 1st January to 31st December 1919, Detachment at Landi Kotal 16th September to 8th November 1919.	17 1 0
1st Coy, Light Infantry, 2nd Division.	128	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	1 ... ...	... ... ...	1 ... ...	... ... ...	3 ... ...	... ... ...	1 ... ...	4 ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	15 ... ...	165 ... ...	474 ... ...	... ... ...	Ahmednagar, 9th November to 31st December 1919.	0 1 22
1st Coy, Light Infantry, 7th Division.	20	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	1 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	10 ... ...	093 ... ...	... ... ...	Wellington, 1st January to 31st December 1919.	2 5 20
1st Coy, Light Infantry, 4th Division.	9	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	6 ... ...	041 ... ...	... ... ...	Wellington, 1st January to 31st December 1919.	3 2 19
1st Coy, Light Infantry, 5th Division.	447	Admitted Died Invalided	12 ... ...	... ... ...	... ... ...	2 ... ...	71 ... ...	8 ... ...	... ... ...	... ... ...	1 ... ...	4 ... ...	... ... ...	1 ... ...	9 ... ...	3 ... ...	30 ... ...	1 ... ...	5 ... ...	5 ... ...	262 ... ...	1036 ... ...	... ... ...	Ambala, 1st January to 30th July 1919, Solon, 25th June to 12th September 1919, Detachment at Dagsai from June to September. (Left for England on 12th September 1919).	4 8 17
1st Coy, Light Infantry, 1st Division.	18	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	118 ... ...	... ... ...	Wellington.	...

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with date of occupation. Last move.		
																									Admitted	Died	Invalided
Inniskilling Fusiliers (Royal), 1st Battalion.	169	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	6 ... ...	... ... ...	12 ... ...	... ... ...	... ... ...	28 ... ...	137 ... ...	4'94	730	Sialkot, 26th October to 31st December 1919. Detachment at Kee, 3rd November to 10th November 1919. (Arrived from United Kingdom on 26th October 1919).		
Kent (East) Regiment (The Buffs), 2nd Battalion.	84	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	6 ... ...	98 1 1	3'13	...	Multan, 15th November to 31st December 1919. (Arrived from England on 15th November 1919).		
Kent (East) Regiment (The Buffs), 1-4th Battalion.	471	Admitted Died Invalided	1 ... ...	1 ... ...	9 ... ...	116 ... ...	216 ... ...	2 ... ...	2 ... ...	14 ... ...	13 ... ...	1 ... ...	2 ... ...	11 ... ...	1 ... ...	9 ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	542 5 12	24'47	...	Multan, 14th January to 14th October 1919 (Left for England on 14th October 1919).		
Kent (East) Regiment (The Buffs), 1-5th Battalion.	20	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	13 ... 4	1'49	...	Wellington.		
Kent (West) Regiment (Royal, The Queen's Own), 1st Battalion.	142	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	11 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	16 ... ...	... ... ...	... ... ...	5 ... ...	174 ... ...	4'69	...	Agra, 28th September to 31st December 1919 (Arrived from United Kingdom, on 28th September 1919).		
Kent (West) Regiment, (Royal, The Queen's Own), 1-4th Battalion.	347	Admitted Died Invalided	8 ... ...	... ... ...	1 ... ...	21 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	4 ... ...	2 ... ...	... ... ...	... ... ...	9 ... ...	89 3 6	5'71	...	Quetta, 1st January to 30th September 1919.		
King's (The Liverpool), Regiment, 2nd Battalion.	375	Admitted Died Invalided	9 ... ...	... ... ...	... ... ...	1 ... ...	142 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	23 ... ...	1 ... ...	2 ... ...	4 ... ...	2 ... ...	3 ... ...	2 ... ...	32 ... ...	286 2 6	14'87	...	Quetta, 1st January to 22nd November 1919.
King's Own (Royal Lancaster Regiment), 2nd Battalion.	15	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	3 ... ...	24 ... ...	1'54	...	Maymyo, 9th December to 31st December 1919. (Arrived from United Kingdom on 9th December 1919).		

Average annual strength.	Occupation.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 192 .	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
Y—																								Y. M. D.
Own order-batta	27	Admitted 1 Died Invalided	...	...	...	2	...	...	...	...	...	...	...	...	...	1	...	...	3	17	0'22	...	Deolali.	...
Royal corps, hon.	145	Admitted 2 Died Invalided	...	...	...	4	...	...	1	...	5	...	...	4	...	1	...	...	5	123	4'38	...	Mhow, 1st November to 31st December 1919. (Arrived from United Kingdom on 1st November 1919.)	0 2 0
Royal corps, hon.	121	Admitted Died Invalided	...	...	...	1	...	...	1	...	1 1	...	...	6	...	2	...	...	1	113	3'35	...	Belgium, 15th November to 31st December 1919. (Arrived from England on 15th November 1919.)	0 1 16
Fusi-2nd	107	Admitted Died Invalided	...	...	...	5	4	...	1	...	5 1	...	1	5	2	13	...	...	21	166	6'07	...	Amritsar, 16th November to 31st December 1919.	0 1 15
Fire Regi-rence (es's), hon.	347	Admitted 2 Died Invalided	...	...	...	182	55	1	2 1	...	4	...	2	8	1	3	...	2	29	361	12'32	...	Quetta, 1st January to 27th March 1919. Rawal pindi, 28th March to 26th December 1919. Det. at Barian and Ali Masjid.	16 10 26
Fire, 2nd	132	Admitted Died Invalided	...	...	2	122	10	...	...	...	2 1	...	1	4	1	3	...	...	30	311	14'33	...	Secunderabad, 18th August to 11th October 1919. Delhi 12th October to 31st December 1919. (Arrived from England on 18th August 1919.)	0 4 14
Regi-rence (s), 1st	49	Admitted 3 Died Invalided	...	...	...	3	...	...	...	...	2	...	...	1	...	...	...	...	13	76	1'58	...	Madras, 21st November to 31st December 1919. (Arrived from England on 21st November 1919.)	0 1 10
Fire, 2nd	204	Admitted 1 Died 3 Invalided	...	...	...	45	...	...	...	...	1 1	...	...	7	2	9	...	...	9	210	9'84	...	Lucknow, 22nd August to 9th October 1919, Poona 10th October to 31st December 1919. Det. at Kirkse, 15th October to 31st December 1919. (Arrived from England on 22nd August 1919.)	0 4 10

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.																Average number constantly sick.	Arrivals in India in 192.	Stations occupied during the year with dates of occupation. Last move.
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.				Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.
<b>INFANTRY—</b>																					
<i>contd.</i>																					
Middlesex Regiment (Duke of Cambridge's Own), 1-10th Battalion.	392	Admitted Died Invalided	25 ... ...	6 ... ...	...	21 ... ...	17 ... ...	...	2 30 ...	9 ... ...	3 ... ...	13 ... ...	3 ... ...	18 ... ...	4 ... ...	17 ... ...	289 4 23	16'75	Lucknow, 1st January to 6th September 1919 (Left for England on 6th September 1919.)		
Norfolk Regiment, 2nd Battalion.	159	Admitted Died Invalided	3 ... ...	...	...	4 ... ...	1 ... ...	1 ... ...	...	...	1 ... ...	1 ... ...	1 ... ...	6 ... ...	...	8 ... ...	102 ... 1	4'30	Lucknow, 6th November to 31st December 1919. (Arrived from England on 6th November 1919.)		
Northamptonshire Regiment, 2nd Battalion.	65	Admitted Died Invalided	2 ... ...	...	...	9 ... ...	...	...	...	1 ... ...	...	...	3 ... ...	2 ... ...	8 ... ...	1 ... ...	43 ... ...	0'16	Rawalpindi, 1st November to 31st December 1919.		
Oxfordshire and Buckinghamshire Light Infantry, 1st Battalion.	47	Admitted Died Invalided	1 ... ...	...	...	36 ... ...	6 ... ...	...	...	2 ... ...	1 ... ...	...	4 ... ...	1 ... ...	2 ... ...	1 ... ...	71 1 7	3'02	Wellington, Madras and Agra various periods. (Left for United Kingdom on 7th November 1919.)		
Queen's, The (Royal West Surrey Regiment), 2nd Battalion.	320	Admitted Died Invalided	...	...	...	27 ... ...	...	...	1 ... ...	10 ... ...	2 ... ...	15 ... ...	3 ... ...	15 ... ...	...	7 ... ...	373 ... 18	14'80	Bareilly, 16th August to 31st December 1919. Det. at Ranikhet 21st September to 23rd November 1919.		
Queen's, The (Royal West Surrey Regiment), 1-4th Battalion.	328	Admitted Died Invalided	...	...	1 ... ...	65 ... ...	82 ... ...	...	...	5 ... ...	...	7 ... ...	5 ... ...	11 ... ...	...	10 ... ...	288 ... 5	11'61	Ferozepore, 1st January to 13th April 1919. Jullundur, 14th April to 12th October 1919. Det. at Peshawar, (Left for England on 12th October 1919.)		
Reserve Battalion, No. 2.	46	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	2 ... ...	1 ... ...	...	10 ... ...	45 ... 1	1'47	Madras, 1st January to 30th April 1919.		
Reserve Battalion, No. 4.	25	Admitted Died Invalided	...	...	...	1 ... ...	...	...	...	4 ... ...	...	...	1 ... ...	...	...	3 ... ...	17 1 1	0'57	Madras, 1st January to 30th April 1919.		
Reserve Battalion No. 5.	463	Admitted Died Invalided	...	1 ... ...	...	7 ... ...	...	...	...	2 ... ...	...	...	1 ... ...	...	...	21 ... ...	128 ... 36	14'73	Kirkee.		
Reserve Battalion, No. 6.	71	Admitted Died Invalided	...	...	...	1 ... ...	...	1 ... ...	...	1 ... ...	...	...	...	...	...	9 ... ...	41 ... 14	3'58	Kirkee.		

REGTS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyæmia of uncertain origin.	Rheumatic Fever.	Heat stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
COUNTRY— <i>and.</i>																									
Batta- No. 7.	216	Admitted Died Invalided	4 ... ...	... ... ...	... ... ...	1 ... ...	7 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	4 ... 1	... ... ...	4 ... ...	... ... ...	1 ... 1	7 ... ...	124 ... 14	9'7	Belgaum, 1st January to 26th November 1919.	1 10 26	
Batta- No. 8.	275	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	1 ... ...	170 ... 42	... ... ...	... ... ...	... ... ...	5 ... 5	14 ... 11	1 ... 1	1 ... 1	15 ... 2	23 ... 11	16 ... ...	... ... ...	1 ... ...	32 ... ...	385 ... 97	25'91	Secunderabad, 1st January to 29th August 1919.	1 7 29	
Brigade Prince 's Own), Station.	90	Admitted Died Invalided	26 ... ...	... ... ...	1 ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... 2	2 ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	116 ... ...	4'42	Quetta, 10th November to 31st December 1919.	0 1 21	
Brigade Prince 's Own), London on.	445	Admitted Died Invalided	21 ... 1	4 ... 3	1 ... ...	... ... ...	18 ... 3	... ... ...	... ... ...	4 ... 1	8 ... 10	2 ... 4	4 ... 4	3 ... ...	65 ... 16	7 ... 3	4 ... ...	2 ... ...	... ... ...	23 ... ...	292 ... 64	20'78	Rangoon, 1st January to 1st November 1919. (Left for England on 1st November 1919.)	3 10 0	
Brigade Prince 's Own), Station.	354	Admitted Died Invalided	13 ... ...	... ... ...	3 ... ...	... ... ...	15 ... ...	... ... ...	... ... ...	4 ... 1	8 ... 2	2 ... 1	1 ... 1	1 ... 2	21 ... ...	3 ... ...	16 ... ...	... ... ...	... ... ...	3 ... ...	354 ... 22	14'47	Madras, 1st January to 8th October 1919, Dett. at Fyza- bad.	0 6	
Brigade Prince 's Own), Station.	156	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	... ... ...	6 ... 2	... ... ...	... ... ...	... ... ...	... ... 1	4 ... 1	... ... 1	... ... ...	6 ... 2	... ... ...	1 ... ...	... ... ...	2 ... ...	12 ... ...	78 ... 13	8'45	Barcilly, 1st January to 3rd July 1919, Ranikhet, 4th July to 10th October 1919, Sialkot, 11th October to 25th November 1919. (Left for United Kingdom on 25th November 1919.)	3 10 25	
Brigade Prince 's Own) Station.	232	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	2 ... ...	54 ... 2	19 ... ...	... ... ...	... ... ...	... ... ...	6 ... 2	2 ... 2	... ... ...	6 ... 1	2 ... ...	6 ... ...	... ... ...	3 ... ...	6 ... ...	160 ... 5	9'03	Sialkot, 1st January to 25th November 1919 Dett. at Ferore- pore, 1st Jan. to 19th March 1919. (Left for United King- dom, on 25th November 1919.)	3 9 21	
Officers (Lon- giment), Station.	135	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	1 ... ...	3 ... 6	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... 1	... ... 2	... ... 1	... ... 1	... ... ...	... ... ...	... ... ...	4 ... ...	133 ... ...	4'73	Ambala, 10th October to 31st December 1919.	0 2 21	

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	
<b>INFANTRY</b>																									
<i>—contd.</i>																									
Royal Highlanders (The Black Watch), 1st Battalion.	247	Admitted Died Invalided	7 ... ...	1 ... ...	...	46 ... ...	...	...	...	...	1 ... ...	1 ... ...	3 ... ...	...	...	...	...	...	...	49 ... ...	193 1 ...	7.82	...	Allahabad, 1st September 1919 to 31st December 1919. Detachments at Benares and Cawnpore.	
Seaforth Highlanders (Ross-shire Buffs, The Duke of Albany's), 2nd Battalion.	163	Admitted Died Invalided	...	...	...	5 ... ...	...	...	...	...	5 ... ...	...	...	5 ... ...	...	...	3 ... ...	...	...	20 ... ...	225 1 ...	6.21	...	Meerut, 1st November to 31st December 1919. Detachments at Delhi, 23rd November to 31st December 1919, Kirkee, 5th November to 11th November 1919.	
Special Battalion, No. 1.	24	Admitted Died Invalided	...	...	...	1 ... ...	8 ... ...	...	...	...	9 ... ...	...	...	...	...	...	...	...	...	...	2 ... ...	69 1 ...	1.16	...	Rawalpindi.
Special Battalion, No. 2.	18	Admitted Died Invalided	...	...	...	1 ... ...	3 ... ...	...	...	10 ... ...	...	...	...	...	...	...	...	...	...	...	...	28 ... ...	0.18	...	Rawalpindi.
Special Battalion, No. 3.	21	Admitted Died Invalided	...	...	...	1 ... ...	2 ... ...	...	...	...	...	...	...	...	13 ... ...	...	...	...	...	...	...	36 ... ...	0.87	...	Rawalpindi.
Special Battalion No. 4.	17	Admitted Died Invalided	...	...	...	...	5 ... ...	...	...	8 ... ...	...	...	...	...	...	...	...	...	...	...	...	51 ... ...	1.49	...	Rawalpindi.
Special Battalion, No. 12.	153	Admitted Died Invalided	20 ... ...	1 ... ...	...	15 ... ...	1 ... ...	...	...	...	3 ... ...	1 ... ...	7 ... ...	...	...	...	5 ... ...	2 ... ...	...	...	59 2 2	259 2 2	7.41	...	Calcutta, 23rd April to 7th September 1919.
Special Battalion, No. 15.	113	Admitted Died Invalided	3 ... ...	...	...	13 ... ...	12 ... ...	...	...	...	1 ... ...	...	...	...	...	2 ... ...	4 ... ...	...	...	...	16 ... ...	142 ... 1	6.15	...	Subathu, 20th May to 9th September 1919, Ferozepore, 15th June to 5th September 1919. (Left for England, on 9th September 1919).
Special Battalion, No. 16.	139	Admitted Died Invalided	...	...	...	20 ... ...	21 ... ...	...	...	1 ... ...	3 ... ...	...	...	...	1 ... ...	...	2 ... ...	...	3 ... ...	...	25 2 1	125 2 1	5.42	...	Ferozepore, 9th May to 3rd September 1919. Detachment at Delhi, 9th May to 1st September 1919. (Left for England, on 3rd September 1919).
Special Battalion No. 18.	139	Admitted Died Invalided	...	...	...	76 ... ...	9 ... ...	...	...	...	...	...	...	...	3 ... ...	1 ... ...	4 ... ...	1 ... ...	...	...	25 ... 13	146 ... 13	7.36	...	Kirkee, 25th May to 22nd June 1919. Secunderabad, 23rd June to 31st August 1919. (Arrived from Mesopotamia).

Regiment	Average annual strength.	Classification.	Diseases														Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.	
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyæmia of uncertain Origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.					Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.
13th Coy. (East) Bn. (East) Division.	189	Admitted Died Invalided	4 ... 3	25 ... 1	... ... ...	1 ... ...	2 ... 2	... ... ...	2 ... ...	5 ... 2	2 ... ...	2 ... ...	15 ... 5	2 ... ...	2 ... ...	2 ... ...	32 ... ...	141 ... 23	7'53	Bangalore, 27th April to 26th May 1919. Secunderabad, 28th June to 31st August 1919. (Arrived from Mesopotamia).	V. M. D. 0 4 4
14th Coy. (East) Bn. (East) Division.	204	Admitted Died Invalided	1 ... 1	3 ... 3	43 ... ...	... ... ...	1 ... 1	2 ... 1	2 ... ...	15 ... 5	2 ... ...	2 ... ...	17 ... ...	... ... ...	... ... ...	... ... ...	167 3 11	7'43	Bangalore, 27th April to 31st May 1919.	...	
15th Coy. (East) Bn. (East) Division.	126	Admitted Died Invalided	... ... ...	38 ... ...	... ... ...	... ... ...	1 ... ...	2 ... 1	4 ... ...	2 ... ...	... ... ...	2 ... ...	156 5 9	5'84	Secunderabad, 5th May to 31st July 1919. (Arrived from Mesopotamia).	0 2 27					
12th Coy. (East) Bn. (East) Division.	423	Admitted Died Invalided	1 ... 2	2 ... ...	126 ... ...	44 ... ...	1 ... ...	6 ... 2	16 ... ...	10 ... ...	1 ... ...	4 ... ...	1 ... ...	21 ... ...	303 3 8	15'09	Peshawar, 1st January to 31st December 1919.	6 1 0			
17th Coy. (East) Bn. (East) Division.	17	Admitted Died Invalided	1 ... ...	8 ... 2	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	12 ... 5	1'57	Wellington.	2 3 0					
23rd Coy. (East) Bn. (East) Division.	448	Admitted Died Invalided	23 ... 1	82 ... 13	9 ... ...	2 ... ...	25 ... 8	3 ... ...	58 ... 8	9 ... 3	12 ... 3	4 ... ...	5 ... ...	55 ... ...	580 5 62	21'09	Barrackpore, 1st January to 15th October 1919. Detachments, at Dinapore and Dum Dum. Demobilized, on 16th October 1919.	4 8 15			
24th Coy. (East) Bn. (East) Division.	424	Admitted Died Invalided	... ... 4	76 ... ...	12 ... ...	2 ... 1	5 ... 1	4 ... 1	8 ... 2	2 ... ...	1 ... ...	1 ... ...	19 ... ...	230 ... 16	14'69	Nowshera, 1st January to 31st December 1919. Detachment at Khans Pur, 7th May to 17th October 1919.	16 2 0				
13th Coy. (East) Bn. (East) Division.	13	Admitted Died Invalided	... ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... 2	8 ... 2	0'96	Wellington.	...				
115th Coy. (East) Bn. (East) Division.	115	Admitted Died Invalided	1 ... ...	20 ... ...	1 ... ...	... ... ...	2 ... ...	... ... ...	1 ... ...	1 ... ...	... ... ...	... ... ...	5 ... ...	145 ... 5	4'25	Jubbulpore, 11th October to 31st December 1919. (Arrived from England on 11th October 1919).	0 2 21				
673rd Coy. (East) Bn. (East) Division.	673	Admitted Died Invalided	1 ... 1	8 ... 1	130 ... 1	123 ... ...	1 ... ...	2 ... ...	15 ... 1	1 ... ...	12 ... ...	13 ... ...	3 ... ...	17 ... ...	512 4 7	22'45	Agra, 1st January to 15th October 1919. (Left for United Kingdom, on 15th October 1919).	1 9 7			

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENT.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera. Small pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic congestion and inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.
<b>INFANTRY</b> —contd.																							
Sussex Regiment (Royal), 1st Battalion.	350	Admitted Died Invalided	1 ... ...	...	2	78	66	...	3	...	1	...	1	6	...	2	...	1	21	318	16.75	Rawalpindi, 1st January to 24th December 1919. Detachment at Upper Topa, 23rd May to 25th August 1919.	
Sussex Regiment (Royal), 2-6th Battalion.	457	Admitted Died Invalided	...	1	1	201	103	2	1	4	10	1	...	21	1	17	1	2	12	521	21.40	Lahore, 1st January to 31st December 1919. Detachment at Dalhousie, 1st January to 31st December 1919.	
South Wales Borderers, 1st Battalion.	430	Admitted Died Invalided	5	1	5	70	2	...	2	...	3	...	2	8	10	2	...	1	30	266	11.60	Mhow, 1st January to 10th August 1919, Calcutta, 11th August to 18th October 1919. Detachment at Ahmednagar, 1st January to 13th June 1919.	
South Wales Borderers, 2nd Battalion.	159	Admitted Died Invalided	...	...	...	40	...	...	...	...	1	...	...	2	...	12	...	...	6	161	4.99	Jhansi, 21st November to 31st December 1919. (Arrived from England on 21st November 1919).	
South Wales Borderers, 4th Battalion.	9	Admitted Died Invalided	...	...	...	2	...	...	...	...	1	...	...	...	...	1	...	...	...	6	0.47	Wellington.	
Warwickshire Regiment (Royal), 1st Battalion.	10	Admitted Died Invalided	...	...	...	4	...	...	...	...	...	...	...	...	...	1	3	...	3	27	1.64	Poona, 16th August to 8th September 1919.	
Warwickshire Regiment (Royal), 2nd Battalion.	290	Admitted Died Invalided	...	5	1	18	9	...	...	...	12	...	1	2	2	39	...	...	20	331	13.07	Kirkee, 16th August to 31st October 1919, Nowshera, 21st October 1919 to 31st December 1919.	
Warwickshire Regiment (Royal), 9th Battalion.	15	Admitted Died Invalided	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	3	0.15	Wellington.	
Welsh Fusiliers (Royal), 1st Battalion.	95	Admitted Died Invalided	...	...	...	...	...	...	...	...	1	1	1	3	...	2	...	...	21	73	1.71	Lucknow, 15th November to 31st December 1919. (Arrived from England on 15th November 1919).	
Welsh Regiment, 1st Battalion.	207	Admitted Died Invalided	...	...	...	8	7	...	2	...	5	1	...	8	4	5	...	...	30	276	11.62	Secunderabad, 14th August to 29th October 1919, Ferozepore, 30th October 1919 to 31st December 1919. (Arrived from England on 14th August 1919).	

REGTS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Ventral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.
ENTRY contd.																									Y. M. D.
Riding Regiment (The Welch's), 1st Bn.	222	Admitted Died Invalided	5 ... ...	...	...	1	34	7	...	2	...	1	...	...	8	3	5	1	...	19	138	6'06	...	Burhan, 1st January to 19th March 1919, Quetta, 20th March to 20th November 1919.	14 0 17
Regiment (The Edinburgh's), 2nd Battalion.	566	Admitted Died Invalided	23 ... ...	...	...	2	12	1	...	2	1	2	...	1	12	4	8	...	12	18	245	11'02	...	Allahabad, 1st January to 30th September 1919. Detachment at Benares, 1st January to 29th September 1919.	...
Wiltshire Regiment, 1st Bn.	89	Admitted Died Invalided	...	...	...	...	...	...	...	2	...	1	...	1	1	...	3	...	...	22	89	1'96	...	Nasirabad, 19th November to 31st December 1919. (Arrived from England on 19th November 1919).	0 1 12
Light Infantry (The Buffs), Battalion.	162	Admitted Died Invalided	3 ... ...	...	...	...	18	...	...	1	...	3	2	1	13	1	1	...	...	13	130	6'61	...	Mhow, 11th August to 25th November 1919, Quetta, 5th November to 31st December 1919. (Arrived from United Kingdom on 11th August 1919).	...
Regiment (Alexandra Princess Wales's), 1st Bn.	356	Admitted Died Invalided	2 ... 1	3 ... ...	3 ... ...	...	174	60	...	2	...	5	...	1	5	...	8	1	2	16	387	17'10	...	Peshawar, 1st January to 31st December 1919.	3 11 12
Regiment (East Kent), 2nd Bn.	178	Admitted Died Invalided	1 ... ...	6 ... ...	1 ... ...	...	24	2	...	2	...	8	1	2	5	1	5	...	2	15	283	11'28	...	Ahmednagar, 31st August to 9th November 1919. Detachment at Peshawar.	...
Regiment (West Kent, Prince of Wales's Own), Battalion.	299	Admitted Died Invalided	...	2 ... ...	1 ... ...	...	28	...	...	2	...	2	...	2	12	1	6	...	...	54	313	14'81	...	Bangalore, 4th August to 24th October 1919, (Arrived from United Kingdom on 4th August 1919).	0 2 22
London Regiment 1st Battalion.	265	Admitted Died Invalided	...	...	1 ... ...	...	89	17	...	1	...	8	1	...	1	...	62	...	1	6	281	12'81	...	Jullundur, 1st January to 27th April 1919, Dalhousie. 1st April to 15th October 1919, Amritsar, 30th October to 21st December 1919.	3 9 14

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Venereal Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	
																									Admitted	Died	Invalided
<b>INFANTRY</b>																									
<i>—contd.</i>																									
The London Regiment, 1-15 <sup>th</sup> Kent Battalion.	339	Admitted Died Invalided	...	...	...	1 1	54	66	...	...	3	1	...	8	8	8	...	8	...	8	256 1 10	10'84	...	Ferozepore 1st January to 7th July 1919, Detachment at Dalhousie, 1st January to 15th October 1919, Dagshai September to October.	
<b>GARRISON BATTALIONS.</b>																									
Bedfordshire Regiment, 1st Garrison Battalion.	441	Admitted Died Invalided	2	...	...	2	235	144	...	5	26	4	1	...	7	2	9	...	7	38	628 11 9	23'90	...	Delhi 1st January to 15th October 1919 Detachment at Ranikhet 10th June to 13th October 1919.	
Bedfordshire Regiment, 2nd Garrison Battalion.	542	Admitted Died Invalided	4	...	...	3	181	2	...	1	17	...	4	18	...	17	...	...	...	45	457 1 60	22'27	...	Karachi 1st January to 4th November 1919. (Left for England on 4th November 1919.)	
Bedfordshire Regiment, 3rd Garrison Battalion.	497	Admitted Died Invalided	41	...	...	...	70	15	...	2	9	23	1	1	32	5	31	1	4	48	620 8 65	24'06	...	Meiktila 1st January to 20th May 1919, Lucknow 21st May to 5th September 1919, Dum Dum 6th September to 24th October 1919.	
Cameroicians (Scottish Rifles), 1st Garrison Battalion.	387	Admitted Died Invalided	...	...	...	3	27	6	...	2	12	...	2	12	...	9	3	6	30	333 5 5	22'19	...	Meerut 1st January to 30th November 1919, Detachment at Chakrata 20th June to 6th October 1919.		
Essex Regiment, 2nd Garrison Battalion.	298	Admitted Died Invalided	16	...	...	3	76	4	3	2	11	10	...	11	...	7	...	5	47	368 3 15	14'15	...	Kamptee 1st January to 31st December 1919, Detachment at Nasirabad 1st January to 18th November 1919.		
Gordon Highlanders, 1st Garrison Battalion.	300	Admitted Died Invalided	1	3	...	3	62	45	...	3	1	1	...	1	4	2	...	2	33	232 1 26	16'90	...	Rawalpindi, Demobilized.		
Irish Fusiliers (Royal Princess Victoria's), 1st Garrison Battalion.	382	Admitted Died Invalided	4	...	...	...	45	...	...	3	14	3	1	29	2	7	1	4	49	316 3 5	21'36	...	Manda'ay 1st January to 16th May 1919, Meiktila 17th May to 31st October 1919, Detachment at Maymyo and Port Blair.		

TABLE XI—(Continued)  
STATISTICS OF MORTALITY

REGTS.	Average annual strength.	Classification.	DISEASES.													All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.	Period of service in India.		
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.						Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.
<b>PANTRY</b>																						
<i>contd.</i>																						
Rifles (Royal), 1st Division Battalion.	382	Admitted Died Invalided	4 ... 4	... ... ...	1 ... ...	33 ... ...	36 ... ...	... ... ...	5 ... 2	25 ... 19	... ... ...	24 ... 2	... ... 1	5 ... ...	... ... ...	6 ... 1	32 ... ...	321 3 46	12'39	Cawnpore 1st January to 30th November 1919. (Left for England on 30th November 1919.)	3 8 0	
Own British Grenadiers, 1st Division Battalion.	85	Admitted Died Invalided	16 ... ...	... ... ...	... ... ...	14 ... ...	2 ... ...	... ... ...	2 ... 2	... ... ...	1 ... ...	5 ... 2	2 ... ...	7 ... ...	... ... ...	34 ... ...	187 ... 2	5'19	Colaba 11th November to 31st December 1919.	...		
Wiltshire Regiment, 1st Division Battalion.	159	Admitted Died Invalided	5 ... ...	... ... ...	... ... ...	36 ... 4	1 ... ...	... ... ...	3 ... 1	1 ... 5	4 ... 2	... ... 1	2 ... 1	6 ... ...	3 ... ...	... ... ...	41 5 38	15'71	Calcutta 1st January to 25th November 1919.	3 10 25		
Black Regiment, 1st Division Battalion.	414	Admitted Died Invalided	4 ... ...	4 ... ...	2 ... 2	115 ... 9	11 ... ...	1 ... ...	2 ... 2	19 ... 11	1 ... 1	2 ... ...	18 ... 1	10 ... 2	28 ... ...	1 ... ...	27 ... ...	388 ... 111	31'85	Poona 1st January to 17th August 1919, Ferozepore 18th August to 27th November 1919. (Left for England on 27th November 1919.)	3 10 27	
Devonshire and Cornwall Light Infantry, 1st Division Battalion.	564	Admitted Died Invalided	2 ... ...	4 ... 1	3 ... ...	134 ... 2	25 ... ...	1 ... ...	5 ... 2	12 ... 10	... ... 1	1 ... 1	14 ... 5	12 ... 1	3 ... ...	... ... ...	61 4 65	485 4 65	18'20	Ahmednagar 1st January to 31st August 1919, Ferozepore 1st September to 27th November 1919. Detachment at Delhi 3rd September to 14th October 1919. (Left for England on 27th November 1919.)	3 7 27	
Devonshire and Cornwall Light Infantry, 1st Division Battalion.	401	Admitted Died Invalided	... ... ...	2 ... 1	... ... ...	143 ... 36	5 ... ...	... ... ...	1 ... 1	4 ... 2	41 ... 38	... ... ...	2 ... ...	20 ... 9	10 ... 5	12 ... ...	... ... ...	49 4 154	510 4 154	26'88	Secunderabad 1st January to 31st August 1919, Bellary 1st January to 24th August 1919, Ramadroog 1st January to 22nd November 1919.	3 8 22
Devonshire Fusiliers, 1st Division Battalion.	496	Admitted Died Invalided	12 ... ...	3 ... 1	3 ... 2	110 ... 5	1 ... ...	1 ... ...	1 ... 1	12 ... 2	3 ... 3	3 ... ...	33 ... 1	8 ... ...	20 ... ...	... ... ...	68 7 40	761 7 40	34'61	Jhansi 1st January to 31st December 1919 Detachment at Rangoon 23rd October 1919 to 31st December 1919.	3 9 0	
Devonshire Fusiliers, 1st Division Battalion.	317	Admitted Died Invalided	1 ... 1	1 ... ...	3 ... ...	80 ... 2	29 ... ...	1 ... ...	2 ... ...	11 ... 4	1 ... ...	4 ... 3	3 ... ...	17 ... 5	4 ... 1	5 ... ...	... ... ...	221 7 20	17'43	Amritsar 1st January to 29th October 1919, Lahore.	2 9 29	

EUROPEAN TROOPS, 1919.

TABLE XI—continued.

STATISTICS OF REGIMENTS.

Sickness and Mortality.

Actuals.

CORPS.	Average annual strength.	Classification.	Actuals.																	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupation. Last move.		
			Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.				Veneral Diseases.	All Causes.
<b>INFANTRY</b> <i>—contd.</i>																								
Staffordshire (South) Regiment, 1st Garrison Battalion.	694	Admitted Died Invalided	117 ... ...	3 1 ...	1 ... 1	198 1 7	...	2 ... ...	1 ... ...	1 ... ...	14 1 4	...	6 1 1	26 ... 2	11 ... ...	43 ... 1	1 ... 1	153 ... ...	942 10 35	37'39	...	Colaba 1st January to 31st December 1919.		
Yorkshire Regiment (Alexandra, Princess of Wales's Own), 1st Garrison Battalion.	283	Admitted Died Invalided	1 ... ...	... ... ...	3 ... ...	92 ... 6	32 ... ...	2 ... ...	2 ... ...	2 ... ...	5 ... 5	...	2 ... ...	5 ... 1	1 ... ...	9 ... ...	4 ... ...	31 ... 2	293 1 29	21'85	...	Sialkot 1st January to 25th November 1919. (Left for United Kingdom on 25th November 1919.)		
Yorkshire (East) Regiment, 1st Garrison Battalion.	293	Admitted Died Invalided	31 ... 1	... ... ...	... ... ...	6 ... ...	11 ... ...	... ... ...	... ... ...	... ... 3	4 ... 2	...	... ... ...	16 ... 5	... ... ...	9 ... ...	... ... ...	3 ... ...	42 2 31	13'78	...	Lucknow 1st January to 26th November 1919. (Left for England on 26th November 1919.)		
Details Infantry	1,817	Admitted Died Invalided	28 1 1	... ... ...	2 ... ...	5 ... 2	428 4 7	17 ... 1	4 ... ...	3 ... ...	2 ... ...	18 ... 7	2 ... 2	19 4 ...	44 1 ...	7 1 ...	63 ... ...	2 2 1	165 22 64	1,537 22 64	69'73	...		
<b>TOTAL INFANTRY.</b>	28,613	Admitted Died Invalided	591 5 37	12 6 1	78 10 14	120 15 235	5,997 ... 1	1554 ... 16	28 ... 43	112 1 26	285 10 345	708 3 39	41 23 14	133 6 113	295 9 71	887 ... 1	25 7 8	129 ... 14	2588 ... 5	27,794 211 1,932	1,276'29	...		
Men of Small Detachments.	3,417	Admitted Died Invalided	283 1 4	7 1 ...	13 1 ...	24 1 2	868 6 28	118 ... ...	12 ... ...	31 ... 6	15 5 33	188 1 11	15 2 11	38 1 14	152 1 26	96 1 2	165 ... 3	4 ... 8	22 1 15	270 37 301	5,241 37 301	795'68	...	
Attached Sections.	3,237	Admitted Died Invalided	81 2 ...	2 2 ...	12 1 ...	39 3 ...	894 2 72	99 ... ...	1 ... 2	9 ... 2	1 4 169	104 3 14	3 6 1	15 5 11	97 3 19	64 5 4	129 3 4	4 ... 3	2 ... 1	459 47 469	3,694 47 469	273'89	...	
Royal Army Medical Corps.	931	Admitted Died Invalided	71 ... 5	... ... ...	1 ... ...	3 ... 31	167 ... ...	... ... ...	1 ... ...	1 ... ...	1 ... 20	40 ... 4	3 ... 1	5 ... 6	23 ... 30	51 ... 11	36 ... 1	1 ... 1	1 ... ...	32 ... 233	868 3 233	53'40	...	
Garrison Staff and Departments.	2,816	Admitted Died Invalided	81 3 1	... ... ...	7 2 ...	15 1 2	570 4 21	184 ... ...	11 ... ...	11 ... ...	15 3 22	50 2 4	8 1 ...	15 3 5	86 1 10	41 ... 1	87 ... 1	5 ... 1	18 ... ...	113 35 126	2,582 35 126	161'28	...	
Convalescent Depôts.	3,360	Admitted Died Invalided	130 1 4	1 1 ...	11 1 ...	6 1 3	992 5 68	4 ... ...	3 ... 1	9 ... ...	... ... 21	44 1 21	1 10 1	23 ... 7	61 1 27	58 1 ...	103 ... 10	1 1 ...	5 ... 1	420 23 201	2,852 23 201	97'44	...	Deolali, Dag-shai Topa, Upper
Veterinary Sections.	11	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	5 ... ...	... ... ...	... ... ...	... ... ...	... ... 1	... ... 2	... ... ...	... ... 2	... ... ...	... ... ...	... ... 1	... ... ...	... ... 1	... ... ...	20 ... 2	1'00	...	Risalpur 1st January to 31st December 1919 Ambala.	
Royal Air Force	494	Admitted Died Invalided	30 ... 1	... ... ...	3 ... ...	5 ... 5	151 ... ...	224 ... ...	1 ... ...	1 ... 2	10 ... 9	13 ... 1	1 ... ...	2 ... 2	18 ... 1	6 ... ...	18 ... ...	... ... ...	1 ... ...	39 6 41	745 6 41	32'49	...	

Average annual strength.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Rheumatic Fever.	Heat-stroke.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Veneral Diseases.	All Causes.	Average number constantly sick.	Arrivals in India in 1919.	Stations occupied during the year with dates of occupations. Last move.	Period of service in India.
1,169	Admitted Died Invalided	1 ... ...	9 1 ...	2 ... ...	135 ... 4	31 ... ...	1 ... ...	4 ... ...	9 ... 10	23 ... 1	1 ... 1	4 ... 1	29 ... 4	11 ... 2	25 ... ...	1 ... 1	6 ... ...	16 ... ...	984 5 40	42°29	...		Y. M. D.	
7,184	Admitted Died Invalided	83 1 5	122 3 ...	24 2 ...	1,513 4 52	460 ... ...	8 ... ...	17 ... 5	42 4 4	204 4 120	8 1 6	37 4 5	241 2 40	99 2 32	159 1 ...	5 ... 4	27 ... 5	506 ... 1	6,371 37 478	284°60	...			
1,876	Admitted Died Invalided	24 ... 2	1 1 ...	3 ... ...	9 ... 4	221 ... 48	15 ... ...	1 ... ...	4 ... 4	15 2 25	36 ... 1	2 ... ...	6 ... ...	47 1 9	38 ... 43	47 ... ...	1 ... ...	3 ... ...	191 ... ...	1,424 12 270	95°24	...		
2,241	Admitted Died Invalided	12 1 ...	3 ... ...	9 3 ...	464 2 ...	149 ... ...	1 ... ...	9 ... 1	10 ... 3	63 ... 15	1 ... 1	9 ... 2	56 ... 6	20 ... 3	63 ... 1	1 ... 1	12 ... 2	150 ... ...	1,921 12 81	82°30	...			
153	Admitted Died Invalided	2 ... ...	1 ... ...	1 ... ...	51 ... 2	19 ... ...	... ... ...	... ... ...	2 ... ...	3 ... ...	... ... 2	... ... ...	... ... ...	6 ... 1	5 ... 1	6 ... ...	... ... ...	1 ... ...	7 ... ...	145 4 10	6°57	...		
1,058	Admitted Died Invalided	36 ... 1	10 1 ...	... ... ...	290 1 14	26 ... ...	2 ... ...	3 ... ...	11 ... ...	33 1 27	... ... ...	2 ... ...	34 ... 3	20 ... 16	32 ... 1	1 ... 1	1 ... 3	72 ... ...	1,001 6 140	50°97	...			
28,613	Admitted Died Invalided	591 5 37	1278 610 1	120 14 14	5,997 15 235	1554 ... 1	28 ... ...	112 1 16	285 26 43	708 10 345	41 3 39	133 23 14	990 6 113	295 9 71	887 ... 1	25 7 8	129 ... 14	2588 ... 5	27,794 211 1,932	1,276°29	...			
56,561	Admitted Died Invalided	1425 14 60	24 11 2	173 19 1	257 25 25	12,318 42 580	2013 ... 1	70 ... ...	212 1 35	416 42 67	1511 22 766	84 10 83	289 52 32	1840 17 221	804 16 281	1758 ... 31	49 11 24	228 2 38	4954 1 22	54,982 438 4,324	3,245°84	...		

TABLE XII.

STATISTICS OF OFFICERS, WOMEN AND CHILDREN.

SICKNESS and MORTALITY among OFFICERS, WOMEN and CHILDREN of the BRITISH ARMY in 1919.

	OFFICERS.			WOMEN.			CHILDREN.	
	Northern Army.	Southern Army.	India.	Northern Army.	Southern Army.	India.	Northern Army.	Southern Army.
STRENGTH . . . . .	1,544	1,878	3,453	728	722	1,450	1,205	1,201
CASES REMAINING FROM 1918 . . . . .	60.9	70.3	65.5	11.0	8.3	9.7	5.8	19.1
CONSTANTLY SICK . . . . .	61.55	37.24	47.78	22.24	22.15	22.19	13.31	12.52
INVALIDING . . . . .	31.7	25.19	15.12	...	...	...	...	...
ADMISSIONS.								
Influenza . . . . .	36.9	6.8	54.4	6.9	38.8	22.8	4.1	18.3
Cholera . . . . .	...	...	...	...	...	...	...	...
Small-pox . . . . .	5.8	2.7	4.1	11.0	6.9	9.0	6.6	4.2
Measles . . . . .	...	...	...	...	...	...	15.8	29.1
Whooping cough . . . . .	...	...	...	...	...	...	0.8	0.8
Enteric Fever . . . . .	7.8	9.1	8.4	4.1	2.8	3.4	5.8	5.8
Malaria . . . . .	174.9	144.8	157.0	39.8	54.0	46.9	34.0	30.8
Sandfly Fever . . . . .	151.6	3.7	69.8	5.5	1.4	3.4	0.8	...
Pyrexia of uncertain origin . . . . .	1.9	2.1	2.3	4.1	2.8	3.4	...	0.3
Tubercle of the Lungs . . . . .	2.6	3.7	3.2	2.7	...	1.4	...	...
Tuberculosis Diseases . . . . .	...	...	...	...	...	...	2.5	...
Pneumonia . . . . .	11.0	4.8	7.5	2.7	4.2	3.4	...	...
Respiratory Diseases . . . . .	40.2	23.8	34.2	5.5	27.7	16.6	24.9	39.1
Dysentery . . . . .	13.6	45.3	31.0	5.5	6.9	6.2	2.5	10.0
Diarrhoea . . . . .	58.3	46.3	51.5	6.9	9.7	8.3	18.3	20.8
Hepatic Abscess . . . . .	0.6	1.1	0.9	...	...	...	...	...
„ Congestion . . . . .	12.3	8.0	9.8	...	...	...	...	...
Eye Diseases . . . . .	...	...	...	...	...	...	...	5.0
Anæmia and Debility . . . . .	...	...	...	193.7	160.7	177.2	...	...
Abortion and other affections . . . . .	...	...	...	35.7	41.6	35.6	...	...
Affections connected with and consequent on parturition . . . . .	...	...	...	4.1	4.2	4.1	...	...
All other diseases peculiar to women . . . . .	...	...	...	22.0	34.6	28.3	...	...
Venereal Diseases . . . . .	11.0	36.7	24.9	...	...	...	...	...
DEATHS. ALL CAUSES								
Cholera . . . . .	11.41.8	1,005.3	1,558.8	502.7	605.3	553.8	288.8	354.4
Small-pox . . . . .	...	0.53	0.29	...	...	...	...	...
Diphtheria . . . . .	...	...	...	1.37	1.39	1.38	0.83	1.66
Enteric Fever . . . . .	0.65	1.06	0.87	...	1.39	0.69	...	0.83
Malaria . . . . .	1.30	0.53	0.87	...	...	...	...	0.83
Pyrexia of uncertain origin . . . . .	...	...	...	...	...	...	...	...
Heat-stroke . . . . .	0.65	..	0.29	...	...	...	...	...
Circulatory Diseases . . . . .	0.65	1.60	1.16	...	...	...	...	...
Tubercle of the Lungs . . . . .	...	0.53	0.29	2.75	...	1.38	...	...
Tuberculosis Diseases . . . . .	...	...	...	...	...	...	...	...
Convulsions . . . . .	...	...	...	...	...	...	...	3.33
Pneumonia . . . . .	1.30	...	0.58	...	...	...	...	...
Respiratory Diseases . . . . .	...	0.53	0.29	1.37	...	0.69	2.49	2.50
Teething . . . . .	...	...	...	...	...	...	0.83	1.66
Dysentery . . . . .	0.65	1.06	0.87	1.27	...	0.69	...	0.83
Diarrhoea . . . . .	...	...	...	...	...	...	...	...
Hepatic Abscess . . . . .	...	0.53	0.29	...	...	...	...	...
Anæmia, Debility and Premature birth . . . . .	...	...	...	...	...	...	0.83	0.83
Abortion and affections connected with and consequent on parturition . . . . .	...	...	...	4.12	1.39	2.76	...	...
Deaths not reported in medical returns . . . . .	...	...	1.16	...	...	...	...	...
ALL CAUSES								
TOTAL INCLUDING DEATHS IN ENGLAND AND OTHER COUNTRIES	9.71	12.25	11.00	13.74	6.93	10.34	16.60	18.30

TABLE XIII.

DEATHS OF CHILDREN BY AGES AND CAUSES.

AGE AT DEATH.	Cholera.	Small-pox.	Diphtheria.	Enteric Fever.	Malaria.	Pyrexia of uncertain origin.	Tubercular Diseases.	Convulsions.	Respiratory Diseases.	Teething.	Dysentery.	Diarrhoea.	Anæmia, Debility and Immaturity at birth.	ALL CAUSES.	Average Annual Strength.	Death rate per 1,000 of strength.	Liability. (The previous column expressed in percentages.)
Under 6 months . . . . .	...	...	...	...	..	...	...	...	3	1	...	...	2*	12	259	46'33	29'64
Between 6 and 12 months . . . . .	...	1	...	...	...	...	...	2	...	...	...	...	...	7	273	25'64	16'40
12 and 18 " . . . . .	...	1	...	...	...	...	...	1	1	2	...	...	...	8	231	34'63	22'15
18 and 24 " . . . . .	...	...	...	...	...	...	...	...	...	...	1	...	...	1	253	3'95	2'51
2 years and 3 years . . . . .	...	1	1	...	...	...	...	1	...	...	...	...	...	8	463	17'28	11'05
5 " and 10 " . . . . .	...	...	...	1	...	...	...	...	1	...	...	...	...	3	536	5'60	3'38
10 " and 15 " . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	1	289	3'41	2'21
15 " and upwards . . . . .	...	..	...	...	1	...	...	...	...	...	...	...	...	2	103	19'42	12'42
<b>TOTAL</b>	...	3	1	1	1	...	...	4	5	3	1	...	2	42	2,407	17'43	

\* Premature birth 3.



## II.—INDIAN TROOPS, 1919.

TABLE C.  
STATIONS by ARMIES.

STATIONS.	Height above the sea-level in feet.*	Authority for height.†	STATIONS.	Height above the sea-level in feet.*	Authority for height.†	STATIONS.	Height above the sea-level in feet.*
NORTHERN ARMY:—			SOUTHERN ARMY:—			EXTRA INDIA NOT IN THE INDIAN COMMAND.	
Abbottabad . . . . .	4,010	S. D.	Arangaon . . . . .	...	...	Kowloon—(China) . . . . .	...
Agra . . . . .	522	"	Agar . . . . .	1,671	S. D.	Khatmandu (Nepal) . . . . .	4,045
Ali Masjid . . . . .	...	"	Ahmedabad . . . . .	159	"		
Alipore . . . . .	18	S. D.	Ahmednagar . . . . .	2,171	"		
Allahabad . . . . .	311	"	Ajmer . . . . .	1,627	"		
Almora . . . . .	5,494	"	Anandi . . . . .	...	M. D.		
Ambala . . . . .	902	"	Aurangabad . . . . .	1,905	S. D.		
Amritsar . . . . .	756	"	Bangalore . . . . .	2,999	"		
Attock . . . . .	1,110	"	Baroda . . . . .	130	"		
Bakloh . . . . .	4,585	S. G.	Belgaum . . . . .	2,570	"		
Bannu . . . . .	1,230	S. D.	Bikaner . . . . .	...	"		
Bareilly . . . . .	501	"	Bellary . . . . .	1,481	S. D.		
Barian and Khyragali . . . . .	7,133	I. B.	Bhamo . . . . .	385	"		
Barrackpore . . . . .	24	S. D.	Bombay . . . . .	20	"		
Benares . . . . .	256	"	Cannanore . . . . .	40	"		
Bharatpur . . . . .	...	"	Chaman . . . . .	4,317	S. G.		
Bhowali . . . . .	...	"	Deoli . . . . .	1,122	S. D.		
Burhan . . . . .	1,255	S. D.	Deolali . . . . .	1,892	"		
Barbhan Camp . . . . .	...	"	Deesa . . . . .	...	"		
Campbellpore . . . . .	1,180	S. D.	Dhond . . . . .	...	"		
Cawnpore . . . . .	407	"	Erinpura . . . . .	872	S. D.		
Chakdara . . . . .	2,358	"	Fort Sandeman . . . . .	4,600	S. G.		
Chaklala . . . . .	...	"	Goono . . . . .	1,617	"		
Chamiari Camp and Kuldana . . . . .	...	"	Gumbaz . . . . .	3,950	"		
Changlagali . . . . .	8,420	S. D.	Hindubagh . . . . .	5,821	S. D.		
Cherat . . . . .	4,286	"	Hyderabad (Sind) . . . . .	94	"		
Chitral . . . . .	4,980	"	Jaipur . . . . .	1,522	"		
Dardoni (Miranshah) . . . . .	3,036	"	Jhansi . . . . .	847	"		
Dargai . . . . .	1,540	"	Jodhpur . . . . .	...	"		
Dehra Dun . . . . .	2,229	"	Jubbulpore . . . . .	1,318	S. D.		
Delhi . . . . .	706	"	Kamptee . . . . .	938	"		
Dera Ismail Khan . . . . .	566	"	Karachi . . . . .	33	"		
Dharmasala . . . . .	4,500	"	Khandwa . . . . .	...	"		
Dholpur . . . . .	...	"	Kila Saifulla . . . . .	5,080	S. D.		
Dinapore . . . . .	171	S. D.	Khandala . . . . .	...	"		
Dum Dum . . . . .	...	"	Kirkee . . . . .	1,853	S. D.		
Fatehgarh . . . . .	467	S. D.	Loralai . . . . .	4,699	"		
Ferozepore . . . . .	645	"	Lwekaw . . . . .	...	"		
Fort Cavagnary . . . . .	6,100	"	Lakaband . . . . .	...	"		
Fort Jamrud . . . . .	1,550	"	Mandalay (Fort Dufferin) . . . . .	246	S. D.		
Fort Lockhart . . . . .	6,613	"	Maymyo . . . . .	3,508	"		
Fort William . . . . .	17	S. G.	Mhow . . . . .	1,927	"		
Fyzabad . . . . .	327	S. D.	Murgha . . . . .	5,012	"		
Ghoom . . . . .	7,300	"	Musakhel . . . . .	4,400	"		
Gyantsi . . . . .	12,825	"	Meiktila . . . . .	773	"		
Hangu . . . . .	2,708	"	Myitkyina . . . . .	...	"		
Jhelum . . . . .	752	"	Manmad . . . . .	...	"		
Jullundur . . . . .	900	S. G.	Nasirabad . . . . .	1,461	S. D.		
Jutogh . . . . .	6,778	S. D.	Neemuch . . . . .	1,613	"		
Kacha Gashi . . . . .	...	"	Nowgong . . . . .	735	"		
Kakul Camp . . . . .	...	"	Ootacamund . . . . .	7,440	"		
Kila Drosh . . . . .	4,340	S. D.	Pachmarhi . . . . .	3,490	"		
Kohat . . . . .	1,700	"	Pishin . . . . .	5,063	"		
Lahore . . . . .	706	"	Poona . . . . .	1,864	"		
Landi Kotal . . . . .	...	"	Port Blair . . . . .	85	"		
Lansdowne . . . . .	6,660	S. D.	Quetta . . . . .	5,507	"		
Lucknow . . . . .	390	"	Rajkot . . . . .	421	"		
Ludhiana . . . . .	806	I. B.	Rangoon . . . . .	15	"		
Malakand . . . . .	2,740	S. D.	Ramandroog . . . . .	...	"		
Mardan . . . . .	1,000	"	Santa Cruz . . . . .	58	S. D.		
Meerut . . . . .	727	"	Satara . . . . .	2,200	"		
Mona . . . . .	...	"	Saugor . . . . .	1,753	"		
Moatgomery . . . . .	600	I. B.	Secunderabad and Bolarum . . . . .	1,773	"		
Multan . . . . .	400	S. D.	Shelabagh . . . . .	6,380	I. B.		
Muttra . . . . .	557	"	Sibi . . . . .	436	S. D.		
Moradabad . . . . .	655	"	Sumerpore . . . . .	393	"		
Nathnagar . . . . .	...	"	St. Thomas' Mount and Madras . . . . .	250	"		
Naini Tal . . . . .	6,400	S. D.	Shore . . . . .	1,616	"		
Nowshera . . . . .	966	"	Shwebo . . . . .	345	"		
Oghi . . . . .	...	"	Thamakan . . . . .	...	"		
Patiala . . . . .	...	"	Thayetmyo . . . . .	145	S. D.		
Peshawar . . . . .	1,149	S. D.	Trichinopoly . . . . .	254	"		
Parachinar . . . . .	...	"	Trivandrum . . . . .	50	"		
Phillour . . . . .	...	"	Vizianagram . . . . .	...	"		
Rawalpindi . . . . .	1,687	S. D.					
Rewat Camp . . . . .	...	"					
Risalpur . . . . .	1,014	S. D.					
Rurki . . . . .	877	"					
Rai Bareilly . . . . .	351	S. G.					
Sargodah . . . . .	...	"					
Shitong . . . . .	4,021	S. D.					
Shahjahanpur . . . . .	507	S. G.					
Sialkot . . . . .	829	S. D.					
Simla . . . . .	7,230	"					
Sitapur . . . . .	444	"					
Takdiah . . . . .	5,300	"					
Tank . . . . .	880	"					
Thal . . . . .	2,450	"					

\* These heights are usually those of the survey-marks or of the mercury surface in barometer-cisterns of Meteorological observatories.  
† S. D. = Survey Department (Map Publication Office); S. G. = Surveyor-General of India; I. B. = Intelligence Branch of the Division Chief of the Staff; M. D. = Meteorological Department.

TABLE XIV.

RATIOS of ARMIES.

The ratios of admissions and deaths to strength are taken from Table XVI.

	RATIO PER 1,000 OF THE AVERAGE STRENGTH.		
	Northern Army.	Southern Army.	Army of India.*
AVERAGE ANNUAL STRENGTH . . . . .	129,713.	97,770	229,731
CONSTANTLY SICK . . . . .	41'0	39'1	40'0
ADMISSION RATE OF THE YEAR—			
Influenza . . . . .	21'3	52'0	34'7
Cholera . . . . .	0'6	0'3	0'6
Small-pox . . . . .	1'4	2'1	1'7
Enteric Fever . . . . .	0'4	0'4	0'4
Malaria . . . . .	164'5	123'0	145'6
Sandfly Fever . . . . .	23'4	0'4	13'4
Pyrexia of uncertain origin . . . . .	2'3	2'2	2'3
Plague . . . . .	0'1	0'2	0'1
Tubercle of the Lungs . . . . .	4'3	3'6	4'0
Pneumonia . . . . .	15'5	9'4	12'8
Respiratory Diseases . . . . .	63'4	48'4	56'8
Dysentery . . . . .	8'8	12'7	10'5
Diarrhœa . . . . .	15'7	27'4	20'6
Hepatic {Abscess . . . . .	0'1	0'1	0'1
{Congestion and Inflammation . . . . .	1'1	1'0	1'0
Scurvy . . . . .	0'2	1'1	0'6
Veneereal Diseases . . . . .	55'6	78'4	65'1
ALL CAUSES . . . . .	787'2	749'3	767'5
DEATH RATE OF THE YEAR—			
Cholera . . . . .	0'36	0'31	0'34
Small-pox . . . . .	0'12	0'21	0'16
Enteric Fever . . . . .	0'04	0'07	0'06
Malaria . . . . .	0'54	0'54	0'54
Sandfly Fever . . . . .	...	...	...
Pyrexia of uncertain origin . . . . .	...	...	...
Plague . . . . .	0'07	0'11	0'09
Circulatory Diseases . . . . .	0'19	0'32	0'24
Tubercle of the Lungs . . . . .	1'13	1'02	1'08
Pneumonia . . . . .	3'38	2'28	2'85
Respiratory Diseases . . . . .	1'53	1'04	1'31
Dysentery . . . . .	0'12	0'26	0'18
Diarrhœa . . . . .	0'01	0'02	0'01
Hepatic Abscess . . . . .	0'02	0'03	0'02
Anæmia and Debility . . . . .	0'02	0'6	0'04
ALL CAUSES . . . . .	11'81	12'26	11'94

Including Group Extra India and troops on the line of march.

TABLE XV.

RATIOS of GEOGRAPHICAL GROUPS.

The ratios of admissions and deaths to strength are taken from Table XVI.

	RATIO PER 1,000 OF THE AVERAGE STRENGTH.												
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Arm of Ind
	Burma Coast and Bay Islands.	Burma Inland.	Assam.	Bengal and Orissa.	Gangetic Plain and Chutia Nagpur.	Upper Sub-Himalaya.	N.-W. Frontier, Indus Valley, and N.-W. Rajputana.	S.-E. Rajputana, Central India, and Gujarat.	Decan.	Western Coast.	Southern India.	Hill Stations.	Arm of Ind
I.—AVERAGE ANNUAL STRENGTH . . . . .	1,420	3,904	...	3,909	12,664	66,329	35,007	26,683	39,124	4,811	9,480	24,152	229,2
II.—CONSTANTLY SICK . . . . .	23'2	41'0	...	30'7	32'4	47'0	42'6	29'3	32'3	58'8	42'0	33'6	4
III.—ADMISSION RATE OF THE YEAR—													
Influenza . . . . .	3'5	12'6	...	206'2	35'5	3'7	38'0	63'4	15'8	99'4	110'5	46'7	3
Cholera . . . . .	...	...	...	0'5	0'9	0'5	0'1	1'1	0'7	1'2	0'8	0'4	4
Small-pox . . . . .	...	1'3	...	0'5	0'9	1'6	1'7	1'9	1'0	1'2	8'8	1'0	5
Enteric Fever . . . . .	...	...	...	1'0	0'4	0'2	0'7	0'6	0'3	0'2	0'8	0'6	6
Malaria . . . . .	52'8	176'0	...	144'5	73'5	126'3	300'8	104'8	76'4	216'6	98'5	183'5	14
Sandfly Fever . . . . .	...	...	...	...	1'9	17'1	27'8	33'5	...	...	...	2'3	15
Pyrexia of uncertain origin . . . . .	5'6	3'3	...	0'5	0'2	3'1	1'7	0'1	0'1	37'0	0'5	1'7	16
Plague . . . . .	...	0'8	...	2'8	...	0'0	...	0'1	0'2	...	0'3	0'0	17
Tubercle of the Lungs . . . . .	1'4	1'3	...	3'8	3'9	5'1	3'2	3'6	4'0	4'8	3'2	3'6	18
Pneumonia . . . . .	34'5	14'3	...	2'6	8'3	18'3	17'7	10'3	6'8	9'4	3'0	10'7	19
Respiratory Diseases . . . . .	89'4	57'9	...	41'5	41'5	67'6	76'7	42'9	50'9	41'6	48'9	47'8	20
Dysentery . . . . .	...	9'0	...	12'8	4'3	9'6	18'5	3'7	12'7	41'4	5'5	4'6	21
Diarrhœa . . . . .	2'8	16'6	...	20'0	10'7	14'5	18'2	28'1	31'7	88'3	8'9	11'3	22
Hepatic { Abscess and Congestion and Inflammation . . . . .	...	0'3	...	0'3	0'1	0'1	0'0	...	0'1	...	0'1	0'2	23
Scurvy . . . . .	...	1'5	...	...	0'6	0'7	2'1	0'5	1'2	1'9	0'7	1'0	24
Venereal Diseases . . . . .	71'1	152'9	...	50'1	65'7	73'3	25'9	33'0	78'5	213'9	120'3	37'4	25
ALL CAUSES . . . . .	476'1	772'0	...	925'3	626'6	800'4	933'9	668'6	711'5	1,281'0	761'4	633'1	26
IV.—DEATH RATE OF THE YEAR—													
Cholera . . . . .	...	...	...	0'26	0'35	0'30	...	0'60	0'51	0'42	0'42	0'29	27
Small-pox . . . . .	...	...	...	...	...	0'15	0'14	0'04	0'05	...	1'58	0'12	28
Enteric Fever . . . . .	...	...	...	0'26	0'16	0'03	0'09	0'04	0'03	...	0'21	...	29
Malaria . . . . .	1'41	1'79	...	0'51	0'32	0'63	0'60	0'33	0'28	0'21	0'63	0'75	30
Sandfly Fever . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	31
Pyrexia of uncertain origin . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	32
Plague . . . . .	...	0'76	...	1'79	...	0'03	...	0'04	0'13	...	0'32	0'04	33
Circulatory Diseases . . . . .	...	0'51	...	...	0'08	0'18	0'20	0'41	0'31	0'42	0'32	0'21	34
Tubercle of the Lungs . . . . .	...	0'26	...	0'26	0'24	1'33	0'77	1'35	1'05	1'04	0'53	1'61	35
Pneumonia . . . . .	9'86	4'35	...	0'51	1'66	4'00	4'06	2'32	1'79	1'87	0'53	2'24	36
Respiratory Diseases . . . . .	0'70	0'26	...	1'79	0'79	1'30	2'31	1'61	0'69	0'42	1'58	1'16	37
Dysentery . . . . .	...	0'77	...	0'26	...	0'12	0'09	0'19	0'28	...	0'11	0'37	38
Diarrhœa . . . . .	...	...	...	...	...	...	0'03	0'04	0'03	...	...	...	39
Hepatic Abscess . . . . .	...	...	...	...	0'08	...	...	...	0'05	...	...	0'08	40
Anæmia and Debility . . . . .	...	...	...	...	...	0'03	...	...	0'05	0'42	...	0'12	41
ALL CAUSES . . . . .	15'49	11'78	...	15'35	8'61	11'16	15'97	10'79	8'41	13'93	10'86	16'89	42

\*Including Group Extra India and troops on the line of march.

TABLE XVI.

RATIONS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	Soft Chancere.	Concomitant.
Blair	209	14'4	...	...	...	81'3	...	38'3	...	...	...	4'8	67'0	...	4'8	...	...	...	9'6	33'5	535'2	23'92	23'9	9'6	...
Don	1,211	1'7	...	...	...	47'9	...	...	3'3	1'7	39'6	93'3	...	2'5	...	...	...	12'4	77'6	465'7	23'12	9'1	52'8	15'7	
UP I.—BUR- COAST AND ISLANDS.	1,420	3'5	...	...	...	32'8	...	5'6	...	2'8	1'4	34'5	89'4	...	2'8	...	...	12'0	71'1	476'1	23'24	11'3	46'5	13'4	
Atmyo	69	202'9 14'49	...	...	...	...	...	...	...	...	...	14'5	14'5	29'0	...	...	...	14'3	29'0	376'8	14'49	...	14'5	14'5	
Dona	225	...	...	22'2	...	4'4	...	4'4	...	...	8'9	13'3	26'7	4'4	...	...	...	4'4	26'7	346'7	35'56	...	...	26'7	
Ilia	1,253	...	...	...	...	140'5	...	9'6	2'4	9'6	0'8	2'4	45'5	18'4	11'2	...	1'6	9'6	300'9	864'3	47'09	16'8	134'9	149'2	
Dufferin (Man- ny)	1,213	25'6 0'82	...	...	...	234'1	...	...	3'3	1'6	41'2	96'5	0'8	25'6	0'8	2'5	...	50'3	125'3	1,028'0	49'46	30'5	41'2	53'6	
Do	618	...	...	...	...	61'5	...	...	8'1	...	...	19'4	4'9	9'7	...	...	...	4'9	43'7	317'2	17'80	22'7	6'5	14'6	
Daw	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dakan	33	...	...	...	...	333'3	...	...	...	...	30'3	...	30'3	...	...	...	...	...	6'6	697'0	30'30	...	30'3	30'3	
Do	444	9'0 2'2	...	...	...	344'6	...	...	2'3	2'3	2'3	76'6	2'3	9'0	...	2'3	...	22'5	60'8	718'5	42'79	24'8	24'8	11'3	
Dyina	33	...	...	...	...	727'3	...	...	...	...	...	30'3	...	212'1	...	...	...	...	121'2	1,272'7	30'30	...	60'6	60'6	
UP II.— MA INLAND	3,904	12'6 77	...	1'3	...	176'0	...	3'3	0'8	5'6	1'3	14'3	57'9	9'0	16'6	0'3	1'3	...	22'5	152'9	772'0	40'98	21'3	61'0	70'7
William	926	290'5 10'80	...	...	1'1	91'8	...	...	...	3'2	3'2	44'3	21'6	22'7	...	...	...	27'0	64'8	1,143'6	35'64	15'1	37'8	11'6	
re	1,141	223'5 4'38	0'9 0'88	1'8	0'9	197'3	...	...	...	7'9	3'5	39'4	26'3	20'2	...	...	0'9	26'3	64'9	1,128'0	37'69	7'9	29'8	27'2	
Dum	193	...	...	...	...	704'7	...	...	...	5'2	5'2	...	5'2	...	25'9	5'2	...	...	77'7	1,119'2	36'27	30'3	5'2	36'3	
Duckpore	1,411	193'5 9'21	...	...	1'4	51'7	...	7'8	...	2'1	...	50'3	...	6'4	...	...	...	41'8	32'6	623'7	23'39	16'3	7'1	9'2	
Dugar	238	37'8	4'2	...	...	210'1	...	8'4	...	...	8'4	33'6	...	84'0	...	...	...	4'2	4'2	735'3	16'81	4'2	...	...	
UP IV.— NGAL AND ISSA	3,009	206'2 7'15	0'5	0'5	1'0	144'5	...	0'5	2'8	...	3'8	2'6	42'5	12'8	20'0	0'3	...	0'3	29'4	50'1	925'3	30'70	13'8	20'5	13'9

TABLE XVI—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.											2. DEATH RATE.											
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anemia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	
B																								
Dinapore . . . . .	1,416	68.5 3.53	...	0.7	2.1	34.6	...	...	...	5.6	4.2	0.7	36.7	...	9.9	...	...	...	16.9	32.1	830.5 8.44	46.61	18.4	
Benares . . . . .	1,141	73.6 3.51	...	...	...	50.0	...	...	...	5.3	12.3	15.8	42.1	...	59.9	...	0.9	0.9	21.0	62.2	780.9 7.01	39.44	8.8	
Allahabad . . . . .	2,686	72.4 3.84	1.0	...	...	12.9	...	...	...	2.9	2.9	2.9	31.0	...	1.0	...	...	...	4.4	89.2	588.2 6.71	35.95	22.5	
Rai Bareilly . . . . .	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.1	200.0	...	...	0.1
Fyzabad . . . . .	1,109	49.6 3.61	6.3	0.9	0.9	16.2	...	...	...	1.8	2.7	0.9	13.5	0.9	7.2	...	...	...	18.9	37.0	415.7 8.12	18.94	9.9	
Lucknow . . . . .	3,576	8.7 2.24	...	1.1	0.3	5.9	...	0.6	...	0.6	3.1	10.3	45.9	5.3	10.3	0.3	1.7	...	12.0	31.3	309.0 9.79	12.26	5.7	
Cawnpore . . . . .	1,030	23.3	...	5.9	...	285.4	20.4	...	...	35.0	3.6	13.6	50.5	...	1.0	...	...	...	20.4	50.3	1,147.6 6.80	59.22	18.4	
Sitapur . . . . .	1,546	3.9 2.59	1.3	...	...	55.6	1.9	...	...	3.2	2.6	6.5	36.9	2.6	22.6	...	...	...	0.6	84.1	656.5 6.47	32.34	19.4	
Fatehgarh . . . . .	725	1.4 1.38	...	2.78	...	52.8	...	...	...	1.4	1.4	24.8	55.2	42.8	1.4	...	...	...	12.4	71.7	1,201.4 19.31	64.83	5.3	
GROUP V.—GANGETIC AND CHUTIA PLAIN AND NAGPUR.	12,664	35.5 2.37	0.9	0.9	0.4	71.5	1.9	0.2	...	5.2	3.9	8.3	41.5	4.3	16.7	0.1	0.6	0.1	13.7	65.7	620.6 8.61	32.45	13.6	
A																								
Shahjahanpur . . . . .	803	44.8 1.25	...	...	...	387.3	...	...	...	2.5	1.2	5.9	29.9	1.2	57.3	...	...	...	...	117.1	602.9 7.47	39.85	13.7	
Barilly . . . . .	5,001	0.2	...	1.0	...	120.0	0.6	5.0	...	4.2	2.0	10.6	72.4	32.0	11.0	...	0.6	...	25.0	65.4	946.8 6.20	43.59	8.1	
Moradabad . . . . .	169	...	...	...	...	0.40	...	...	...	0.20	1.00	2.80	1.20	...	...	...	...	...	...	17.8	166.3 5.92	41.42	...	
Delhi . . . . .	4,291	7.2 0.23	...	...	...	151.9	0.2	30.5	...	14.0	2.8	21.0	39.2	14.0	18.4	1.2	0.9	1.9	24.7	103.2	983.0 8.86	60.82	7.1	
Meerut . . . . .	5,055	0.2 0.2	4.0	...	...	29.5	...	0.2	...	2.4	5.3	20.9	130.6	24.9	5.7	...	...	...	14.2	148.0	927.8 12.46	50.64	9.1	
Rurki . . . . .	3,792	0.3 1.55	2.1	3.4	...	18.5	...	0.3	...	1.6	5.5	0.9	33.8	8.2	5.2	...	1.3	...	16.6	51.7	361.5 9.23	23.21	10.0	
Dehra Dun . . . . .	4,944	6.3 0.40	1.4	0.2	0.2	215.4	1.2	...	...	6.9	6.0	14.3	95.8	23.0	11.5	0.2	0.2	...	20.2	65.3	816.5 12.14	53.20	7.1	
Ambala . . . . .	6,706	2.1 0.15	...	0.6	0.1	127.3	41.8	0.7	...	3.9	6.3	13.7	37.0	15.5	38.9	...	0.3	0.6	16.4	105.4	799.0 8.65	42.20	7.1	
Patiala . . . . .	151	33.0 6.62	...	...	...	33.1	...	...	...	0.45	1.34	2.54	4.80	...	...	...	...	...	...	39.7	490.1 13.25	26.40	...	
B																								
Ludhiana . . . . .	205	...	...	...	...	117.1	...	...	...	4.9	...	9.8	48.8	...	9.8	...	...	...	...	58.5	53.7	804.9 4.88	39.02	9.8
Phillour . . . . .	49	...	...	...	...	367.3	...	...	...	...	...	...	4.88	...	...	...	...	...	...	61.2	653.1	...	20.4	...
Ferozepore . . . . .	3,413	...	...	1.5	0.6	151.2	112.5	1.2	...	3.5	0.9	39.0	121.0	3.5	6.2	...	1.2	0.3	28.4	60.4	956.9 12.01	44.74	8.1	
Jullundur . . . . .	5,908	0.3 0.51	...	0.8	1.0	132.9	34.7	0.7	...	5.4	2.2	12.7	42.0	0.3	2.4	...	...	...	23.9	25.4	714.8 10.16	39.94	2.5	
Amritsar . . . . .	2,147	10.7 0.47	0.5	0.9	...	104.3	...	1.9	...	3.7	4.7	28.9	47.5	1.4	9.8	0.5	0.9	...	34.0	134.6	791.6 12.58	55.89	0.4	
Lahore Cantonment . . . . .	4,492	22.7 5.79	2.4	1.8	...	152.3	27.6	...	0.2	4.5	9.1	29.8	82.8	1.6	4.5	...	0.2	...	14.7	79.0	940.8 21.37	50.76	9.1	
Sialkot . . . . .	6,110	0.8 0.82	1.3	...	...	87.4	...	0.2	...	3.6	6.7	17.8	54.2	1.6	26.2	0.2	2.6	...	20.5	66.8	711.0 12.60	39.74	8.7	
Jhelum . . . . .	5,757	...	...	0.33	...	0.75	...	...	...	0.16	2.95	3.93	0.82	0.16	...	...	...	...	25.2	30.6	841.8 9.73	54.89	4.7	
Sargolha . . . . .	110	...	...	0.17	...	200.1	1.6	...	...	0.17	0.17	0.69	3.82	1.39	...	...	...	...	...	...	9.1	...	...	...
Chaklala . . . . .	1,623	...	...	0.6	...	199.6	0.6	...	...	4.9	5.0	24.6	53.0	12.9	15.4	...	0.6	1.8	28.3	36.4	692.5 0.82	32.04	0.6	
Mona . . . . .	12	...	...	...	...	83.3	...	...	...	...	...	...	...	...	...	...	...	...	...	83.3	416.7	...	39.17	...
Rawalpindi . . . . .	3,849	6.0 2.86	...	2.3	0.5	81.8	31.4	...	...	2.3	5.8	13.5	89.1	2.1	5.7	...	0.5	...	16.1	82.4	669.0 16.11	41.83	4.7	
Berhan . . . . .	533	...	...	3.8	...	20.6	...	...	...	1.9	1.9	20.6	67.5	...	3.8	...	...	...	1.9	1.9	318.9 1.88	16.89	1.9	
Campbellpore . . . . .	1,059	...	...	2.8	...	91.6	...	0.9	...	1.9	1.9	18.9	64.2	5.7	37.8	...	1.9	0.9	12.3	20.7	874.4 6.61	51.91	5.7	
Attock . . . . .	150	...	...	6.7	...	466.7	...	166.7	...	6.7	...	6.7	140.0	6.7	66.7	...	...	...	73.3	6.7	1,173.3	40.0	...	
GROUP VI.—UPPER SUB-HIMALAYA.	66,329	3.7 0.77	0.5	1.6	0.2	126.3	17.1	3.1	0.0	4.9	5.1	18.3	57.0	9.6	14.3	0.1	0.7	0.3	20.7	73.3	800.4 11.16	47.05	7.1	
A																								
Mardan . . . . .	1,227	...	...	1.6	1.6	403.4	27.7	1.6	...	0.8	2.4	28.5	113.3	3.3	17.9	...	3.3	0.8	32.6	31.0	1,132.0 7.33	44.89	4.5	
Risalpur . . . . .	1,588	1.9 0.63	...	0.6	5.7	197.1	3.1	...	...	...	6.9	29.0	69.3	34.0	20.8	0.6	...	...	...	8.8	15.1	679.5 9.45	28.34	4.4
Nowshera . . . . .	3,346	0.3 0.30	...	2.7	...	166.2	54.1	...	...	1.5	3.9	17.0	99.8	4.5	27.2	...	0.9	0.3	19.1	18.5	860.7 13.45	39.15	3.2	
Peshawar . . . . .	3,360	130.7 25.30	0.6	5.7	...	545.8	154.5	0.9	...	4.5	4.2	20.8	99.1	2.7	33.9	...	0.9	...	20.5	31.0	1,545.2 36.61	67.86	4.2	

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.											
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK-RATE.	Syphilis.	Soft Chancre.	Gonorrhoea.		
Arud	739	32.5	...	1.4	...	153.3	62.2	...	...	4.1	...	12.2	18.9	...	8.1	...	...	...	16.2	20.3	590.0 1.35	10.83	...	8.1	12.2		
Barhi	1,068	84.3 5.62	...	0.9	...	73.2	32.8	...	...	0.9	...	1.2	69.3	...	21.5	...	...	...	24.1	8.4	612.4 6.55	7.49	2.8	2.8	2.8		
Bid.	1,242	49.1 4.83	...	...	...	450.1	...	...	...	4.0	0.8	1.6	100.6	...	7.2	...	...	...	72.5	45.1	1,384.1 5.64	12.08	6.4	12.9	25.8		
	2,445	2.9 1.23	...	1.2	1.2	491.6 2.04	34.8	7.4	...	4.9	2.0	33.9 7.77	101.8 6.13	48.7	1.0	...	0.4	...	22.1	36.4	1,274.4 19.22	71.16	4.1	12.3	20.0		
	1,700	26.9 3.85	0.8	...	...	853.8 0.77	27.7	6.2	...	6.9	0.8	20.0 4.62	81.5	33.1	14.6	...	...	0.8	52.3	13.1	1,460.0 18.46	23.08	2.3	3.8	6.2		
	1,087	7.4 1.84	...	0.9	...	164.7 0.92	7.4	0.9	...	1.8	8.3 0.92	19.3 1.84	69.9	4.6	46.0	...	...	0.9	2.8	17.5	908.0 9.20	53.44	6.4	0.9	10.1		
	891	...	...	...	...	468.0	...	2.2	...	1.1	3.4 1.12	31.4 7.86	15.7	49.4	15.7	...	...	3.4	101.0	12.3	1,105.5 8.98	40.40	1.1	3.4	7.9		
mail Khan	819	37	...	...	1.2	172.2	...	22.0	...	...	4.9 1.22	29.3 10.99	57.4 1.22	1.2	4.0	...	...	...	47.6	44.0	1,073.3 14.65	5.47	6.1	12.2	25.6		
metry	1,105	80.7 7.73	...	2.6	...	709.4 86	3.4	...	...	4.3	5.2	8.6 0.86	7.7 0.86	1.7	5.2	...	...	...	27.5	16.3	1,164.8 10.30	38.63	3.4	2.6	10.3		
	4,595	...	...	2.6	...	71.2	...	...	...	1.1	2.4 0.22	7.6 0.65	58.1 2.39	...	2.8	...	12.6	0.2	4.8	34.6	362.4 6.96	18.50	6.1	8.1	20.5		
	92	...	...	...	...	10.9	...	...	...	...	...	10.9	76.1	...	10.9	...	...	...	...	54.3	793.5	54.35	32.6	10.9	10.9		
	104	...	...	9.6	...	76.9	...	...	...	...	...	96.2 19.23	...	...	9.6	...	...	...	19.2	19.2	355.7 19.23	19.23	...	9.6	9.6		
B total	1,691	67.4 5.91	...	...	2.4	258.4 1.18	0.6	...	...	2.4	1.2 0.59	17.1 8.89	100.5 9.46	4.1	9.5	...	...	...	15.4	10.1	689.5 28.98	30.03	3.0	1.8	5.3		
inar	283	...	...	...	...	70.7	60.1	21.2	...	3.5	...	3.5	38.9 14.13	...	7.1	...	...	...	18.7	3.5	667.8 14.13	14.13	...	...	1.5		
	806	...	...	...	...	75.7 1.24	...	...	...	2.5 1.24	1.2 2.48	30.7 9.93	43.4	16.1	52.0	...	...	...	2.5	27.3	21.1 14.91	35.98	6.2	5.0	9.9		
	1,114	12.6 8.08	...	...	...	111.3 5.39	...	...	...	7.2 0.99	2.7 0.96	20.6 8.98	19.7 3.59	41.3	18.0	...	...	...	18.9	21.2	579.0 29.62	57.45	5.4	17.1	28.7		
C abad (Sind)	1,562	2.6 0.61	...	2.6	0.6	115.4	0.6	...	...	3.2	3.2	10.8 1.28	17.9 0.64	...	4.5	...	...	0.6	1.9	17.9 0.64	84.8 7.02	539.5 7.02	38.90	11.5 0.64	24.9	48.5	
	4,477	90.5 12.51	...	0.9	0.7	323.0 0.22	...	...	...	2.7	4.5 1.56	13.2 2.23	68.1 1.34	64.1	21.2	...	...	...	0.4	1.6	1.9 21.44	82.2 21.44	1,110.6	61.43	15.0	19.7	37.5
VIL.—N.—FRONTIER, S VALLEY, NORTH, TERN RAJANA.	35,007	38.0 5.5	0.1	1.7 0.14	0.7 0.09	300.8 0.60	27.8	1.7	...	2.7 0.10	3.3 0.77	17.7 4.06	70.7 2.31	18.5 0.09	18.9 0.03	0.0	2.1	0.6	25.1	35.9 0.03	933.9 15.97	42.65	6.0 0.03	10.8	19.1		

TABLE XVI—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.											2. DEATH RATE.											
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	
<b>A</b>																								
Rajkot . . .	760 {	...	...	1'3	...	353'9	...	...	...	7'9	7'9	13'2	88'2	7'9	31'6	...	...	1'3	23'7	50'0	1,093'4	44'74	10'5	
Deesa . . .	1,155 {	368'0	1'7	...	...	403'0	...	0'9	...	0'9	4'3	8'7	14'7	...	2'6	...	0'9	2'6	10'4	48'5	853'7	33'77	6'1	
Ahmedabad . . .	3,051 {	...	0'7	0'3	0'7	62'6	...	...	...	1'0	2'6	18'0	66'5	3'3	80'6	...	...	0'7	19'7	31'8	500'5	21'96	8'5	
Baroda . . .	664 {	105'4	7'5	3'0	...	224'4	...	1'5	...	1'5	...	6'0	96'3	3'0	7'5	...	1'5	3'9	12'0	46'7	975'9	39'16	3'0	
<b>B</b>																								
Erispara . . .	595 {	16'8	...	...	...	102'5	...	...	...	8'4	11'8	26'9	58'8	6'7	6'7	...	...	6'7	16'8	38'7	541'0	20'17	5'0	
Neemuch . . .	478 {	8'4	...	...	2'1	232'2	8'4	...	...	10'5	6'3	8'4	8'4	...	20'9	...	...	6'3	29'3	562'8	20'92	14'6		
Deoli . . .	582 {	...	...	...	...	30'9	...	...	...	3'4	6'9	8'6	37'8	...	6'9	...	1'7	...	17'2	60'1	472'5	25'77	3'4	
Nasirabad . . .	2,328 {	16'8	...	0'4	...	183'8	14'3	...	...	15'1	5'3	16'8	50'9	...	33'2	...	1'3	8'8	39'5	27'8	804'0	39'53	6'3	
Ajmer . . .	526 {	26'6	...	...	1'9	77'9	...	...	...	7'6	...	22'8	58'9	...	28'5	...	...	17'1	72'2	646'4	32'32	11'4		
Jaipur . . .	16 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38'5	...	...	
Muttra . . .	985 {	98'5	...	1'0	...	118'8	...	...	...	1'0	3'0	2'1	40'6	34'5	147'2	...	1'0	...	15'2	39'6	868'0	41'62	8'1	
Sharatpur . . .	201 {	...	...	...	...	10'0	...	...	...	...	...	44'8	19'9	...	...	...	...	5'0	14'9	233'8	9'95	...		

STATIONS AND COUNTRIES.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	Soft Chancre.	Gonorrhoea.
MUMBAI	4,050	...	5'3 2'90	3'0 0'25	...	21'2	209'9	...	...	1'0 0'23	2'7 0'41	3'9 1'97	30'1 0'74	0'2 0'25	8'1	...	0'2 0'25	...	8'4	20'3	562'7 8'38	17'20	4'9	10'6	13'8
	101	9'9 9'90	...	...	...	20'7	...	...	...	...	...	29'7 9'90	29'7 9'90	...	9'9	...	...	...	...	59'4	623'8 39'60	20'7	30'6	9'9	9'9
	5,233	190'4 1'14	...	6'5	...	92'1	...	...	...	4'8 0'38	1'9 1'14	1'1 0'57	22'1 2'28	1'5 0'19	21'9	...	0'2	0'2	14'7	33'3	753'5 9'14	30'27	3'4	13'3	16'6
	146	...	...	...	...	356'2	27'4	...	...	...	6'8 6'55	6'8	47'9	...	13'7	...	...	...	...	27'4	589'0 6'85	20'55	...	20'5	6'8
	393	...	...	...	...	94'1	...	...	...	...	...	...	25'4 2'54	7'6	7'6	...	2'5	...	7'6	15'3	353'7 2'54	17'81	...	5'1	10'2
	262	45'8 7'63	...	...	...	99'2	...	...	...	...	...	3'8	42'0 3'82	...	3'8	...	...	...	19'1	1'1	530'5 11'45	22'90	...	3'8	15'3
	417	...	...	...	...	76'7	...	4'8 2'40	9'6	...	9'6	9'6	...	...	4'8	...	...	...	4'8	40'8	961'6 11'99	45'36	4'8	...	36'0
4151	3'4 0'24	...	...	2'9 0'24	120'0	...	...	4'8 0'24	5'5 1'45	16'4 3'61	47'9 1'93	5'1 0'48	12'5	...	0'2	...	...	12'3	25'3	583'5 10'12	35'89	4'6	9'6	11'1	
500	10'0 2'00	...	...	...	128'0	...	...	4'0	2'0	10'0	128'0	18'0	10'0	...	4'0	2'0	...	6'0	672'0 2'00	16'00	...	2'0	4'0	...	
VIII.— EASTERN INDIA, AL INDIA, GUJARAT	25,683	63'4 1'46	1'1 0'60	1'9 0'04	0'6 0'04	104'8 0'33	33'5	0'1	0'1	4'5 0'41	3'6 1'35	10'3 2'32	42'9 1'61	3'7 0'19	28'1 0'04	...	0'5 0'04	1'3	15'4	33'0	668'6 10'79	29'27	5'5	10'4	17'1
A	2,503	2'8 0'80	0'4 0'40	...	0'4 0'40	26'8 1'09	...	...	...	2'4 0'40	1'2	3'6	48'7 0'80	...	2'8	...	2'8	...	17'6	31'6	481'0 7'19	30'76	3'2	16'4	12'0
Bombay	6,511	50'0 1'38	...	1'2	...	120'5 0'46	...	0'6	0'8 0'31	3'5 0'31	5'2 1'84	29'3 0'15	21'3 0'15	12'0	...	...	1'2	28'4	63'8	779'0 5'58	36'30	16'1	25'9	21'8	
Surat	157	...	...	...	...	...	...	...	...	6'4	...	...	...	...	...	...	...	...	8'2	95'5 6'37	40'64	70'1	12'7	...	
Baroda	1,069	0'9 11'22	17'8 ...	0'9	...	72'0	...	...	13'1 0'94	0'9	0'4 2'81	37'4	2'8	16'8	...	0'9	...	12'2	79'3	697'8 16'84	48'64	3'7	18'7	57'1	
B	2'6	4'4	...	...	389'4	...	...	...	17'7	8'8 8'85	4'4	70'8	70'8	97'3	...	...	17'7	57'5	84'1 13'27	1,650'4	79'65	17'7	35'4	31'0	
Amalner	1,483	13'5 ...	0'7 1'55	...	...	120'7 0'67	...	...	...	...	4'0 2'02	7'4 3'32	4'9 1'35	17'5	35'7	...	1'3	...	19'6	62'7 0'67	704'7 13'49	39'78	12'8 0'67	25'6	24'3
Surat	2,796	10'0 0'72	0'4 0'36	...	...	47'9 0'36	...	...	7'5	18'6 5'36	8'9 1'79	81'2 1'79	7'5 1'07	96'2	...	1'1	5'7	21'5	84'8 0'36	654'3 17'17	43'63	10'4 0'36	43'6	30'8	
Surat	2,970	9'1	...	...	...	40'4	...	...	9'1 0'34	4'7 2'02	5'1 1'01	54'2 1'01	9'4	11'1	...	2'0	4'0	12'1	57'9	539'4 0'06	27'61	8'1	28'0	21'2	
Amalner	2,294	20'5	...	...	...	179'1	...	...	11'8	1'7 0'44	7'8 2'62	46'2 0'87	7'4	32'3	...	...	0'4	115'1	35'3 0'44	860'1 5'07	28'77	8'3 0'44	13'9	13'1	
Amalner	1,671	34'1 1'20	1'2 1'20	2'4	...	119'7 0'60	...	...	1'2 0'60	1'8 0'60	6'0 2'59	49'7	14'4 0'60	67'0	...	1'2	...	18'0	44'9	755'8 10'17	37'70	6'6	13'8	24'5	
Amalner	4,613	4'1 1'08	...	1'3 0'22	1'7	107'9	...	...	0'2 0'22	2'0 0'22	2'8 0'43	6'3 1'30	67'2 1'52	17'3 0'43	55'0	0'4	0'9	0'2	8'2	106'0	686'9 7'80	31'20	22'5	47'7	35'8

TABLE XVI—continued.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.													2. DEATH RATE.										
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anemia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilia.	Soft Chancere.	
Kirkee	3,097	...	0'6	1'3	...	31'0	...	...	0'3	8'1	3'6	11'6	49'7	4'5	45'9	...	0'3	0'6	14'5	79'8	665'2	42'	8'1	17'	
Satara	230	...	...	...	8'7	108'7	...	...	...	30'4	4'3	17'4	82'6	8'7	...	...	...	4'3	78'3	887'0	34'78	26'1	21'		
Secunderabad and Bolarum.	4,810	6'0	0'2	2'5	0'2	56'5	...	...	4'8	0'4	5'8	3'5	2'3	53'0	26'4	6'0	0'2	4'0	0'8	5'8	131'3	82'8'5	5'1'14	15'8	
Belgaum	4,682	1'5	0'4	1'3	...	7'9	...	...	...	1'5	0'9	11'1	51'3	0'2	31'8	...	0'6	5'1	87'1	191'8	35'24	11'1	41'		
GROUP IX.— DECCAN.	39,124	15'8	0'7	1'0	0'3	76'4	...	...	0'1	0'2	4'8	4'0	6'8	50'9	12'7	31'7	0'1	1'2	20'7	78'5	711'5	39'20	12'7	33'	
Rombay	1,650	244'8	3'0	1'2	...	227'3	...	107'9	...	6'1	9'7	22'4	63'6	57'0	54'5	...	3'0	4'8	31'5	249'1	1,701'2	98'79	212'104	24'85	
Santa Cruz	503	...	...	...	...	53'9	...	...	...	2'0	2'0	4'0	69'6	...	11'9	...	2'0	47'7	55'7	566'6	23'86	9'9	39'	13'92	
Cannanore	204	68'6	...	...	...	34'3	...	...	...	...	...	4'9	...	...	...	...	...	...	29'4	294'1	14'71	9'8	14'	...	
Trivandrum.	74	...	...	13'5	...	40'5	...	...	...	...	...	13'5	40'5	27'0	...	...	...	...	27'0	324'3	13'51	...	13'	...	
Deolali	2,236	26'8	0'4	1'3	0'4	286'7	...	...	...	11'2	2'7	1'3	25'0	46'1	147'1	...	0'9	18'8	260'3	1,330'5	46'51	25'9	98'	8'50	
Khandala	144	...	...	...	...	27'8	...	...	...	...	...	6'9	6'9	...	...	...	...	...	...	...	83'3	...	...	...	
GROUP X.— WESTERN COAST.	4,811	99'4	1'2	1'2	0'2	216'6	...	37'0	...	7'5	4'8	9'4	41'6	41'4	88'5	...	1'6	1'7	24'5	213'9	1,281'0	58'82	20'8	8'	
A																									
Ramandroog	15	...	...	...	...	...	...	...	...	...	...	...	66'7	...	66'7	...	...	...	...	...	466'7	...	...	...	...
Bellary	676	310'7	10'4	11'8	...	68'0	...	...	...	1'5	1'5	1'5	121'3	11'8	17'8	...	3'0	4'4	7'4	171'6	1,085'8	30'30	28'1	96'	
Bangalore	5,715	43'4	0'2	11'7	...	143'2	...	0'2	0'5	1'4	3'3	4'0	40'7	6'3	6'1	0'2	0'9	7'2	112'1	760'6	41'62	27'8	41'	11'72	
B																									
Trichinopoly	1,337	290'2	...	0'7	...	12'0	...	...	...	8'2	5'2	...	38'9	...	5'0	...	...	22'4	87'5	728'5	33'66	37'4	...	5'24	
St. Thomas' Mount and Madras.	1,392	97'0	...	2'9	0'7	35'2	...	2'9	...	2'9	1'4	2'2	62'5	5'7	22'3	...	...	21'6	139'4	657'3	49'57	3'6	41'	6'47	
C.																									
Vizianagram	342	193'0	...	8'8	...	11'7	...	...	...	2'9	2'9	...	26'3	...	2'9	...	...	2'9	210'5	698'8	35'09	26'3	71'	17'54	
GROUP XI.— SOUTHERN INDIA.	9,480	110'5	0'8	8'8	0'8	98'5	...	0'5	0'3	2'5	3'2	3'0	48'9	5'5	8'9	0'1	0'7	11'3	120'3	761'4	41'58	20'8	51'	10'86	
Maymyo	1,599	55'7	...	1'9	0'6	252'0	...	1'3	0'6	4'4	1'9	8'1	86'3	5'6	37'5	0'6	1'9	25'0	99'4	1,015'6	46'90	26'3	31'	13'13	
Shillong	494	...	...	...	4'0	156'4	...	...	...	6'1	4'0	18'2	76'9	2'0	14'2	2'0	...	30'4	105'3	921'1	48'58	34'4	51'	8'10	
Gyantse	48	...	...	...	...	20'8	...	...	...	...	...	...	104'2	...	...	...	...	...	...	...	145'8	20'83	...	...	
Ghoon	265	11'3	...	...	...	94'3	...	...	...	3'8	30'2	7'5	52'8	7'5	22'6	3'8	...	34'0	34'0	407'5	37'74	30'2	...	45'28	
Almora	1,379	37'0	...	0'7	4'4	202'3	...	0'7	...	4'4	0'7	4'4	28'3	5'1	1'5	...	...	5'8	60'2	535'9	29'01	13'8	21'	5'08	

STATIONS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.														2. DEATH RATE.									
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK-RATE.	Syphilia.	Soft Chancre.	Gonorrhœa.
Tal . . . . .	54 {	...	...	...	...	...	...	...	...	...	18.5	...	...	...	...	...	...	...	...	...	18.5	...	...	...	...
lowne . . . . .	2,556 {	...	...	0.4	145.0	0.78	...	2.3	2.3	9.0	6.7	45.8	...	6.7	...	2.0	1.2	5.0	28.6	457.4	29.73	5.9	9.8	12.9	
ah . . . . .	15 {	...	...	...	...	...	...	...	...	...	333.3	...	...	...	...	...	...	66.7	...	466.6	...	...	...	...	
. . . . .	129 {	7.8	...	...	139.5	...	...	...	...	...	7.8	7.8	...	...	...	...	...	7.8	23.3	457.4	7.75	7.8	7.8	7.8	
h . . . . .	311 {	...	...	9.6	90.5	...	...	...	...	...	12.9	48.2	...	45.0	...	...	...	6.4	38.6	405.1	19.29	6.4	9.6	22.5	
msala . . . . .	632 {	...	...	...	205.7	...	...	...	3.2	1.6	7.9	53.7	12.7	6.3	...	1.6	...	22.2	31.6	534.8	26.90	9.5	12.7	9.5	
ob . . . . .	941 {	4.3	...	1.1	1.1	189.2	...	...	...	1.1	1.1	7.4	66.9	...	6.4	...	1.1	...	21.3	34.9	603.8	41.43	5.3	7.4	21.3
niari Camp d Kuldana.	251 {	...	...	...	243.0	...	...	...	12.0	8.0	...	47.8	...	12.0	...	...	4.0	27.9	51.8	565.7	39.84	19.9	12.0	19.9	
at Camp . . . . .	74 {	...	...	...	40.5	...	...	...	...	...	108.1	...	...	27.0	...	...	...	13.5	40.5	608.1	13.51	...	27.0	13.5	
han Camp . . . . .	36 {	...	...	...	...	...	...	...	...	...	27.8	...	...	35.6	...	...	...	...	...	305.6	55.56	...	...	...	
glagali . . . . .	5 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
ragali and rian.	4 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
ottabad . . . . .	3,102 {	17.7	0.3	0.3	82.5	...	8.7	...	2.9	4.2	6.8	84.1	1.0	6.8	0.3	0.6	...	11.3	33.2	574.8	48.36	3.2	6.1	23.9	
el Camp . . . . .	731 {	41.0	6.84	...	135.4	...	...	...	1.4	5.5	6.8	67.0	...	16.4	...	1.4	...	10.9	17.8	588.2	30.10	1.4	8.2	8.2	
. . . . .	89 {	...	...	...	22.5	...	...	...	...	...	22.5	11.2	11.2	...	...	...	...	11.2	22.5	269.7	11.24	...	11.2	11.2	
ral . . . . .	89 {	...	...	...	56.2	...	...	...	11.2	22.5	33.7	...	...	...	...	...	...	56.2	11.2	449.4	11.24	11.2	...	...	
Drosh . . . . .	534 {	11.2	...	...	71.2	1.9	...	...	3.7	18.7	28.1	...	...	5.6	...	...	...	1.9	15.0	271.5	16.83	5.6	1.9	7.5	
akand . . . . .	691 {	...	...	...	14.5	18.8	...	...	...	...	5.8	13.9	4.3	5.8	...	...	...	4.3	13.0	178.0	11.38	8.7	2.9	1.4	
gai . . . . .	350 {	14.3	...	2.9	217.1	2.2	...	...	2.0	2.9	28.6	2.9	5.7	...	...	...	...	2.9	37.1	465.7	45.71	2.9	17.1	17.1	
kdara . . . . .	257 {	...	...	...	41.8	...	3.9	...	3.9	3.9	27.2	19.5	11.7	3.9	...	...	...	7.8	3.9	463.0	27.24	...	...	3.9	
rat . . . . .	113 {	...	...	...	601.6	...	8.1	...	...	...	105.7	16.3	48.8	8.1	...	...	...	...	32.5	1,097.6	24.39	24.4	...	8.1	
Lockhart . . . . .	205 {	395.1	...	...	663.4	200.0	...	...	...	...	29.3	14.6	...	...	...	...	...	43.9	4.9	2,039.0	39.02	...	...	4.9	
Cavagnari . . . . .	32 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
gu . . . . .	416 {	45.7	19.2	...	1,394.2	...	...	...	2.4	...	201.9	21.6	9.6	...	2.4	...	26.4	14.4	2,288.5	57.69	4.8	4.8	4.8		
Sandeman . . . . .	430 {	41.9	6.98	...	246.5	...	...	...	4.7	9.3	46.5	...	20.9	...	4.7	...	9.3	2.3	604.7	18.64	2.3	...	...		
aband . . . . .	80 {	...	...	...	406.0	...	...	...	...	...	25.0	12.5	...	25.0	...	...	...	75.0	...	1,312.5	25.00	...	...	...	

TABLE XVI—concluded.

RATIOS of STATIONS, GROUPS, and ARMIES.

STATIONS AND GROUPS	Average annual strength.	1. ADMISSION RATE.													2. DEATH RATE.								
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.
Hindubagh . . . . .	51 {	...	...	19'6	...	235'3	...	...	...	...	...	19'6	39'2	...	39'2	...	...	...	19'6	...	49'2	19'6	...
Musa Khel . . . . .	42 {	...	...	...	...	71'4	...	...	...	...	...	47'6	23'8	...	...	...	...	...	23'8	23'8	309'5	...	...
Kila Saifulla . . . . .	19 {	...	...	...	...	...	...	...	...	...	...	...	52'6	...	...	52'6	...	...	52'6	...	52'6	...	...
Murgha . . . . .	68 {	...	...	...	...	102'9	...	...	...	...	44'1	29'4	29'4	44'1	...	...	...	...	58'8	29'4	558'8	14'71	...
Loralai . . . . .	1,046 {	201'7	...	...	...	135'8	...	...	2'9	2'9	12'4	40'2	1'9	7'6	...	...	...	...	1'9	626'2	25'81	1'0	
Gumbaz . . . . .	12 {	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta . . . . .	5,357 {	80'3	0'2	0'9	0'2	190'0	...	0'4	...	9'7	2'6	13'8	25'2	7'3	13'6	...	0'6	0'6	20'3	50'0	671'8	35'09	2'4
Fishie . . . . .	580 {	87'9	...	...	...	86'2	...	...	...	1'7	19'0	22'4	5'2	6'9	...	6'9	...	...	22'4	1'7	482'8	25'86	...
Sbelabagh . . . . .	62 {	241'9	...	...	...	145'2	...	...	...	...	...	...	...	...	...	...	...	...	80'6	...	645'2	16'13	...
Chaman . . . . .	729 {	78'2	...	12'3	...	201'6	...	...	1'4	4'1	2'7	43'9	2'7	2'7	...	...	...	...	13'7	12'3	658'4	30'18	4'1
Pacnama'hi . . . . .	232 {	...	...	4'3	...	77'6	...	...	...	...	8'6	4'3	12'9	...	...	...	...	...	...	...	181'0	8'62	...
Ootacamund . . . . .	32 {	...	...	...	...	125'0	...	...	...	...	...	...	93'8	...	...	...	...	...	...	...	406'3	...	...
GROUP XII.— HILL STA- TIONS.	24,152 {	46'7	0'4	1'0	0'6	183'5	2'3	1'7	0'0	4'1	3'6	10'7	47'8	4'6	11'3	0'2	1'0	0'3	15'1	37'4	633'1	33'38	6'8
Marching in India	495 {	4'0	...	4'0	...	86'9	...	8'1	...	2'0	...	12'1	12'1	4'0	16'2	...	...	...	12'1	18'2	385'9	4'89	4'0

STATIONS AND ARMIES	Average annual strength.	1. ADMISSION RATE.													2. DEATH RATE.												
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	ALL CAUSES.	CONSTANTLY SICK RATE.	Syphilis.	Soft Chancre	Gonorrhœa.		
EXTRA INDIA. Not in the Indian Command— Simla and Nepal)	49	...	20.4	...	...	591.8	...	...	...	...	...	20.4	163.3	20.4	...	...	...	20.4	...	1,081.6	40.82	...	...	...	...		
Yunnan (China)	1,704	66.9 0.59	...	...	2.9 1.17	14.7	...	10.6	...	5.3 1.76	5.9	5.3	42.3	7.0	8.2	...	0.6	24.6	44.0	409.0 6.46	23.47	11.7 0.39	8.2	24.1	...		
INDIA. NORTH WESTERN ARMY	229,731	34.7 2.63	0.6 0.34	1.7 0.16	0.4 0.06	145.6 0.54	13.4	2.3	0.1 0.09	4.3 0.24	4.0	12.8 2.88	56.8	10.5	20.6	0.1	1.0	0.0	19.6	65.1 11.94	767.5	40.01	9.3 0.06	25.1	3.07 0.00		
"	227,978	34.4 2.65	0.6 0.34	1.7 0.16	0.4 0.05	140.5 0.54	13.5	2.3	0.1 0.09	4.3 0.24	4.0	12.8 2.96	56.9	10.5	20.7	0.1	1.0	0.0	19.6	65.2 11.96	770.1	40.13	9.3 0.05	25.3	3.07 0.00		
"	129,713	21.3 2.06	0.6 0.36	1.4 0.12	0.4 0.04	164.5 0.54	23.4	2.3	0.1 0.07	3.9 0.19	4.3	15.3 3.38	63.4	8.8	15.7	0.1	1.1	0.2	20.2	55.6 11.81	787.2	41.04	7.4 0.05	20.3	28.0 0.01		
"	97,770	52.0 3.45	0.5 0.31	2.1 0.21	0.4 0.07	123.0 0.54	0.4	2.2	0.2 0.11	4.7 0.32	3.6	9.4	48.4	12.7	27.4	0.1	1.0	1.1	18.7	78.4 12.26	749.3	39.11	11.9 0.06	31.9	34.6		

INDIAN TROOPS, 1919.

TABLE XVII.

*ABSTRACT of the SANITARY REPORTS of the most UNHEALTHY STATIONS, SANITARY DEFECTS, IMPROVEMENT SUGGESTIONS, ETC.*

(The ratios of sickness and mortality will be found in Table XVI.)

Not available.











# INDIAN TROOPS, 1919.

## TABLE XXI—contd. TABLE XXII—contd. TABLE XXIII—con

*CHOLERA* by months, stations, groups, and armies.

*DYSENTERY* by months, stations, groups, and armies.

*DIARRHŒA* by months, stations, groups, and armies.

*STATIONS AND GROUPS.	ADMISSIONS FROM CHOLERA IN EACH MONTH.											ADMISSIONS FROM DYSENTERY IN EACH MONTH.											ADMISSIONS FROM DIARRHŒA IN EACH MONTH.																
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
B																																							
Manmad . . . . .	1											1	4	3	1	5	4								16	1		1			1	4	6					1	
Aurangabad . . . . .		1										1	9	5	1	1		3	5	1			3	8	26	8	1	1			7	19	7						
Ahmednagar . . . . .				1								1		1											21	11	10	8	10	23	53	75	35	26	4				
Anandi . . . . .													13	6	4	2	5								28	8	1	1	2	2	12								
Arangaon . . . . .													4	3	2	6	2								17	4	5	4	3	3	21	5	27	2	1				
Dhond . . . . .				1		1												19	1	1					24	2	2	2	2	8	13	77	6						
Poona . . . . .													2		5	3	4	14	10	16	8	6	7	5	80	2	0	7	11	4	7	4	28	37	35	45			
Kirkec . . . . .						1		1					2	2				1	1	1	2	1	3	1	14	13	7			4	62	17	9	8	12	4			
Satara . . . . .														1				1							2														
Secunderabad and Bolarum . . . . .												1	17	16	4	9	16	24	14	14	4	1		8	127	3	4		1	6	3	8	2	2					
Belgaum . . . . .							1	1				2													1	32	23	20	2	19	18	16	8	2	2	2			
GROUP IX.—DECCAN. } 2 . . . . . 1 1 2 1 1 2 1 . . . . . 29																																							
Bombay . . . . .	3	1										5	10	9	9	10	7	11	10	10	5	4	6	3	94	12	5	2	4	9	4	5	15	7	5	4			
Santa Cruz . . . . .																										1						2	1	2					
Trivandrum . . . . .																																							
Deolali . . . . .												1	8		6	3	6	13	44	22	1				103	8		10	9	8	14	27	91	67	54	23			
GROUP X.—WESTERN COAST. } 3 1 . . . . . 2 . . . . . 6																																							
A																																							
Ramandroog . . . . .																																							
Bellary . . . . .												7	1	1	3		1	2							8	4	1	1	5			1					1		
Bangalore . . . . .												1		1				3	5	8	5	13	1	36	3	5	2		1	1	1	6	3	2	8				
B																																							
Trichinopoly . . . . .																																							
Madras and St. Thomas' Mount. . . . .													2												8	9	1			3		2	1	3	3	3			
Vizianagaram . . . . .																										1													
GROUP XI.—SOUTHERN INDIA } 7 . . . . . 1 . . . . . 8																																							
A																																							
Maymyo . . . . .												2			1		3		1						9	5		1	6	16	9	5	5	2	3	5			
Shillong . . . . .																1									1			1			3	1	1	1	1				
Ghoom . . . . .																	1								2														
Almora . . . . .																	1	1	1	3	1				7							2							
Lansdowne . . . . .																										2	1	2		1	2		4	3	1				
Jutogh . . . . .																																							
Dhamsala . . . . .																																							
Bakloh . . . . .															1	1		4	1						8												2		
Chamiari Camp . . . . .																																							
Rewat Camp . . . . .																																							
Burbhan Camp . . . . .																																							
Abbottabad . . . . .																																							
Kakul Camp . . . . .																																							
Oghi . . . . .																																							
Kila Doshi . . . . .																																							
Malakand . . . . .																																							
Dargai . . . . .													3												3														
Chakdara . . . . .													1												2														
Cherat . . . . .																																							
Hangu . . . . .																																							
Fort Sandeman . . . . .																																							
Lakaband . . . . .																																							
Hindubagh . . . . .																																							
Musa Khel . . . . .																																							



TABLE XXIV.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Serial number.	Corps and its detachment	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess, Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent. Invalided on account of old age.	Sto occur regim detac during with occu Lan	
1	Governor-General's Body Guard.	127	105	2	Admitted Died Invalided	15 2 ...	...	...	...	15 ...	...	...	...	1 ...	...	1 ...	8 ...	10 ...	5 ...	...	...	2 ...	3 ...	121 3 1	3'25	...	Dehr with chm Det and Gur	
2	Governor's Body Guard, Bengal.	67	46	3	Admitted Died Invalided	4 1 ...	1 ...	...	...	15 ...	...	...	...	...	1 ...	7 ...	1 ...	...	...	...	...	...	...	47 2	1'31	...	Alige (Ca	
3	Governor's Body Guard, Bombay.	70	65	1	Admitted Died Invalided	1 ...	...	...	...	1 ...	...	...	...	...	1 ...	3 ...	3 ...	...	...	...	...	...	...	16 ...	'12	...	Bomb	
4	Governor's Body Guard, Madras.	63	57	4	Admitted Died Invalided	1 ...	1 ...	...	...	8 ...	...	2 ...	...	...	1 ...	2 ...	...	3 ...	...	...	...	...	...	46 1	2'56	...	Mad	
5	1st Duke of York's Own Lancers (Skinner's Horse).	885	380	2	Admitted Died Invalided	...	...	...	...	50 1 ...	...	5 ...	...	...	1 ...	4 ...	23 ...	7 ...	9 ...	...	...	...	2 ...	11 242	11'23	...	Delh Ris	
6	2nd Lancers (Gardner's Horse).	484	355	2	Admitted Died Invalided	19 1 ...	1 ...	...	...	6 ...	...	...	...	2 ...	2 ...	3 ...	...	...	...	...	...	...	16 ...	142 1 10	8'08	...	Allah	
7	3rd Skinner's Horse.	802	293	6	Admitted Died Invalided	13 5 ...	...	...	...	99 2 ...	...	...	...	1 ...	4 ...	8 1 ...	13 ...	1 ...	6 ...	...	...	...	1 ...	248 11 3	8'76	3	Sibi 19 Q Lor	
8	4th Cavalry	736	305	6	Admitted Died Invalided	...	...	...	2 ...	72 1 ...	2 ...	...	...	1 ...	...	3 ...	18 ...	...	1 ...	...	...	...	10 ...	6 10	8'22	...	Fort No 191 Ma	
9	5th Cavalry	513	360	6	Admitted Died Invalided	...	1 ...	...	...	2 ...	...	...	...	...	1 ...	1 ...	13 ...	...	5 ...	...	...	...	2 ...	14 2	3'98	...	Luck	
10	6th King Edward's Own Cavalry.	377	377	18	Admitted Died Invalided	...	...	...	...	36 1 ...	...	...	...	3 ...	1 ...	2 ...	15 ...	4 ...	15 ...	...	...	...	10 16	292 1 6	9'02	...	Sialk	
11	7th Haryana Lancers.	825	547	16	Admitted Died Invalided	1 ...	...	...	...	21 3 ...	...	...	...	1 ...	2 ...	2 ...	22 1 ...	3 ...	11 ...	...	1 ...	2 ...	4 ...	4 1	257 28	12'83	...	Secur with chm Deo Alip Poo
12	8th Cavalry	963	614	4	Admitted Died Invalided	2 ...	...	...	...	19 ...	...	1 ...	...	3 ...	2 ...	...	6 ...	19 ...	...	...	...	...	1 20	182 4 11	14'22	...	Secur with men Deo	
13	9th Hudson's Horse.	(a) 406	456	13	Admitted Died Invalided	...	...	...	...	29 ...	...	...	...	2 ...	2 ...	2 ...	3 ...	6 ...	7 ...	...	...	...	3 7	154 1 4	6'77	...	Am b	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Regiments and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
Duke of Cambridge's Own Horse (Hodgson's Horse).	375	375	8	Admitted Died Invalided	1 ... ...	...	...	...	22 ... ...	...	...	1 ... ...	...	1 ... ...	10 ... ...	3 ... ...	...	1 ... ...	...	8 ... ...	...	3 ... ...	11 ... ...	134 ... ...	756 ... ...	...	Multan.	
King Edward's Own Lancers (Probyn's Horse).	579	450	7	Admitted Died Invalided	...	...	1 ... ...	1 ... ...	17 ... ...	8 ... ...	...	...	...	...	3 ... ...	9 ... ...	1 ... ...	...	...	...	...	8 ... ...	4 ... ...	241 ... ...	1281 ... ...	1	Jullundur.	
Cavalry	952	383	1	Admitted Died Invalided	2 ... ...	...	1 ... ...	...	6 ... ...	...	...	...	...	...	15 ... ...	47 ... ...	8 ... ...	2 ... ...	...	...	...	...	9 ... ...	21 ... ...	132 ... ...	582 ... ...	...	Meerut.
Duke of Cambridge's Own Lancers (Watson's Horse).	781	109	2	Admitted Died Invalided	...	...	...	1 ... ...	14 ... ...	...	...	1 ... ...	...	...	1 ... ...	8 ... ...	13 ... ...	...	...	...	...	...	2 ... ...	1 ... ...	72 ... ...	388 ... ...	...	Thal and Kohat, October 1919.
Murray's Jat Horse.	841	811	15	Admitted Died Invalided	...	...	...	...	38 ... ...	...	...	...	...	2 ... ...	7 ... ...	11 ... ...	18 ... ...	6 ... ...	...	...	...	...	14 ... ...	11 ... ...	314 ... ...	1260 ... ...	...	Sialkot, October 1919, from Bareilly.
Lancers (Peterson's Mounted).	769	525	13	Admitted Died Invalided	...	...	...	...	66 ... ...	22 ... ...	2 ... ...	3 ... ...	1 ... ...	4 ... ...	17 ... ...	3 ... ...	10 ... ...	...	...	...	1 ... ...	8 ... ...	23 ... ...	363 ... ...	2076 ... ...	...	Bareilly, November 1919, from Sialkot.	
Cavalry	906	510	21	Admitted Died Invalided	...	1 ... ...	...	...	49 ... ...	1 ... ...	11 ... ...	2 ... ...	1 ... ...	7 ... ...	5 ... ...	4 ... ...	2 ... ...	2 ... ...	...	...	...	...	13 ... ...	11 ... ...	265 ... ...	1515 ... ...	...	Risalpur, November 1919, from Delhi.
Cavalry	853	326	25	Admitted Died Invalided	4 ... ...	2 ... ...	1 ... ...	...	42 ... ...	3 ... ...	1 ... ...	...	...	4 ... ...	5 ... ...	9 ... ...	1 ... ...	...	...	...	...	1 ... ...	...	17 ... ...	195 ... ...	1380 ... ...	...	Lahore Cantonment.
King George's Own Lancers.	360	318	9	Admitted Died Invalided	...	...	1 ... ...	...	13 ... ...	...	...	...	...	...	7 ... ...	5 ... ...	...	...	7 ... ...	...	...	...	10 ... ...	10 ... ...	181 ... ...	1266 ... ...	...	Sialkot.
Lancers (Lane's Horse).	443	371	16	Admitted Died Invalided	...	...	1 ... ...	...	14 ... ...	...	...	2 ... ...	3 ... ...	7 ... ...	10 ... ...	1 ... ...	...	6 ... ...	...	2 ... ...	...	...	4 ... ...	17 ... ...	214 ... ...	1694 ... ...	...	Delhi, October 1919, from Sialkot.
Deccan Horse	417	301	7	Admitted Died Invalided	3 ... ...	...	...	1 ... ...	66 ... ...	3 ... ...	...	3 ... ...	2 ... ...	4 ... ...	2 ... ...	...	...	...	8 ... ...	...	...	...	2 ... ...	9 ... ...	181 ... ...	593 ... ...	...	Neemuch.
Prince Albert Victor's Own Cavalry (Froner Force) (Daly's Horse).	276	261	23	Admitted Died Invalided	...	...	...	...	8 ... ...	2 ... ...	...	...	...	...	...	50 ... ...	1 ... ...	...	...	...	...	...	...	8 ... ...	146 ... ...	990 ... ...	...	Rawalpindi, February 1919, from Jhelum.

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Serial number.	Corps and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent. Invalided on account of old age.	St. occu regim deta during with occu Last	
26	22nd Sam Browne's Cavalry (Frontier Force).	374	381	12	Admitted Died Invalided	6 ... ...	... ... ...	... ... ...	... ... ...	21 ... 1	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	13 3	19 1	... ...	3 ...	... ...	... ...	... ...	7 ...	2 ...	208 5	10'02	...	Jhelu	
27	23rd Cavalry (Frontier Force).	938	423	23	Admitted Died Invalided	... ... ...	2 ... ...	... ... ...	... ... ...	9 ... ...	... ... ...	... ... ...	... ... ...	2 ...	2 ...	8 ...	82 1	9 ...	3 ...	... ...	... ...	... ...	8 1	28 5	226 5	8'08	...	Meer ary from ly.	
28	25th Cavalry (Frontier Force).	697	251	4	Admitted Died Invalided	26 4	... ...	... ...	... ...	24 ...	... ...	... ...	... ...	2 ...	... ...	8 2	5 ...	1 ...	1 ...	... ...	... ...	... ...	... ...	3 ...	149 8	3'85	...	Loran ber Quee Meer	
29	26th King George's Own Light Cavalry.	955	748	15	Admitted Died Invalided	45 2	... ...	... ...	... ...	42 ...	... ...	... ...	... ...	... ...	1 ...	1 ...	6 3	2 ...	15 ...	... ...	... ...	... ...	3 1	16 2	308 9	14'14	...	Jhans tach Jubb Deol Luck	
30	27th Light Cavalry.	426	243	4	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	48 ...	... ...	2 ...	... ...	... ...	2 1	4 2	11 ...	10 ...	... ...	... ...	... ...	... ...	... ...	14 ...	9 3	245 3	16'80	...	Jhansi emb from and Isma
31	28th Light Cavalry.	497	304	8	Admitted Died Invalided	3 ...	... ...	... ...	... ...	2 ...	... ...	... ...	... ...	... ...	... ...	1 ...	17 ...	... ...	2 ...	... ...	1 ...	... ...	1 ...	5 1	118 3	4'59	...	Luck Janu from Deta at De	
32	29th Lancers (Deccan Horse).	(a) 416	469	11	Admitted Died Invalided	2 ...	1 ...	... ...	... ...	20 1	... ...	... ...	... ...	2 1	2 ...	6 2	18 ...	10 ...	27 ...	... ...	... ...	... ...	12 ...	33 ...	309 7	17'47	...	Mann comb from Deta at De Neem	
33	30th Lancers (Gordon's Horse).	524	379	8	Admitted Died Invalided	3 ...	2 ...	... ...	... ...	45 ...	8 ...	... ...	... ...	... ...	1 ...	2 ...	26 ...	5 ...	12 ...	1 ...	... ...	... ...	4 ...	8 ...	248 3	14'06	...	Bang Nov 1919, Pesh	
34	31st Duke of Connaught's Own Lancers.	483	343	3	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	80 1	... ...	2 ...	5 1	1 ...	6 2	27 ...	1 ...	15 ...	... ...	... ...	... ...	... ...	5 ...	11 3	401 9	22'50	...	Bareill temb	
35	32nd Lancers	511	382	5	Admitted Died Invalided	3 ...	... ...	... ...	... ...	39 3	... ...	... ...	... ...	1 ...	2 ...	5 5	5 ...	... ...	4 ...	... ...	1 ...	2 ...	9 ...	6 1	270 1	10'88	1	Nasira	
36	33rd Queen Victoria's Own Light Cavalry.	685	379	9	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	2 ...	26 1	... ...	... ...	... ...	... ...	7 6	5 1	6 ...	7 ...	7 ...	1 ...	... ...	... ...	3 ...	7 ...	155 3	6'98	...	Risaly tach Mar	
37	34th Prince Albert Victor's Own Poona Horse.	282	265	12	Admitted Died Invalided	1 ...	... ...	... ...	... ...	35 ...	... ...	... ...	... ...	... ...	2 2	1 ...	6 ...	1 ...	3 ...	... ...	1 ...	... ...	3 ...	10 ...	138 7	8'11	...	Bang Febr 1919.	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Scinde	839	533	20	Admitted Died Invalided	17 1 ...	...	...	...	36 ...	...	...	3	2	1	7	12	1	...	...	...	...	7	58	393	20'79	...	Jubbulpore, Detachments at Alipore and Lucknow.
Jacob's Horse	528	66	...	Admitted Died Invalided	1 ... ...	...	...	...	21 ...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	67	1'90	...	Jubbulpore, October 1919.
Lancers	573	327	6	Admitted Died Invalided	...	...	...	...	127 1 1	9	2	...	1	9	12	8	8	...	...	...	...	15	7	361	14'45	...	Ambala, October, 1919, from Kohat, Detachment at Thal.
King George's Central Horse.	(a)299	305	1	Admitted Died Invalided	12 2 ...	...	...	...	34 ...	...	...	1	1	...	12	1	2	...	...	...	...	6	6	164	7'04	...	Agar, Detachment at Deolali.
King George's Central Horse.	840	545	19	Admitted Died Invalided	...	...	...	...	50 ...	1	...	2	...	1	13	9	4	...	...	...	...	5	9	213	10'90	...	Goona, Detachments at Jhelum and Deolali.
Cavalry Regiment.	672	279	2	Admitted Died Invalided	3 ... ...	...	...	...	17 ...	...	...	1	6	3	12	1	...	...	...	...	2	7	117	4'37	...	Sibi.	
Cavalry Regiment.	453	227	3	Admitted Died Invalided	9 ... ...	...	...	...	20 ...	...	2	...	3	1	4	3	...	...	...	...	2	25	127	7'21	...	Sibi, Detachments at Quetta and Chaman.	
and Cavalry Regiment.	534	270	3	Admitted Died Invalided	1 ... ...	...	...	...	26 1 ...	...	2	...	1	...	18	1	...	...	...	...	4	10	131	6'58	...	Sibi.	
Battalion Queen Victoria's own Corps of Sikhs (Frontier Force) (Lumsden's).	1,023	796	17	Admitted Died Invalided	1 ... ...	1	...	...	160 3 ...	32	...	...	1	25	63	2	4	...	...	1	...	23	15	658	28'38	3	Jullundur and Mardan.
Battalion, Queen Victoria's own Corps of Sikhs (Frontier Force) (Lumsden's).	735	406	9	Admitted Died Invalided	2 1 ...	...	4	144	3	...	...	...	3	20	44	20	7	...	...	...	...	4	2	390	13'94	...	Risalpur.
Battalion, Queen Victoria's own Corps of Sikhs (Frontier Force) (Lumsden's).	705	365	10	Admitted Died Invalided	...	...	...	...	68 2 ...	14	1	...	...	12	54	2	5	...	2	1	16	14	379	17'87	...	Mardan.	
Kohat Mountain Battery (Frontier Force).	352	13	1	Admitted Died Invalided	...	...	...	...	1 ... ...	...	...	...	...	1	6	...	...	...	...	...	...	...	...	12	0'40	...	Allahabad.
and Derajat Mountain Battery. (Frontier Force).	338	169	13	Admitted Died Invalided	2 ... ...	1	...	...	22 ... ...	...	...	1	2	2	7	1	6	...	1	...	9	8	169	9'98	...	Nowshera, June 1919, from Abottabad and Rawalpindi.	

a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

# INDIAN TROOPS, 1919.

## TABLE XXIV—contd.

### STATISTICS OF REGIMENTS.

#### A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Serial number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anemia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	Sta occup regime detach during with occupy Last
51	23rd Peshawar Mountain Battery (Frontier Force).	400	229	1	Admitted Died Invalided	3	...	...	...	22	1	...	...	...	...	1	14	...	2	...	...	...	1	2	91	3'24	...	Kila Deta at T 1919. Now
52	24th Hazara Mountain Battery (Frontier Force).	416	196	2	Admitted Died Invalided	5	1	...	...	10	...	...	...	...	...	2	18	...	1	1	...	...	3	8	121	10'13	...	Abbot June
53	27th Mountain Battery.	342	71	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	3	21	1'86	...	...	Rawal Oct
54	28th Mountain Battery.	326	175	1	Admitted Died Invalided	1	...	...	...	15	1	...	1	...	1	1	...	...	3	...	...	...	6	4	161	7'16	...	Thal, met Kola
55	30th Mountain Battery.	567	214	9	Admitted Died Invalided	...	...	...	...	19	...	...	...	...	7	2	2	2	3	...	...	...	2	2	131	6'77	...	Abbot Deta at T
56	33rd (Reserve) Mountain Battery.	494	121	5	Admitted Died Invalided	...	...	...	...	19	1	...	...	...	2	3	...	17	...	...	...	1	5	125	9'68	...	Darda Ban	
57	37th (Reserve) Mountain Battery.	340	58	...	Admitted Died Invalided	...	...	...	...	4	...	...	...	...	4	1	...	...	...	...	...	2	3	29	1'40	...	Rawal Sept 1919	
58	38th (Reserve) Mountain Battery.	135	135	15	Admitted Died Invalided	13	1	...	...	130	...	...	...	4	...	3	12	3	10	...	...	...	8	7	194	8'59	...	Quetta
59	40th (Reserve) Mountain Battery.	69	69	2	Admitted Died Invalided	...	...	...	...	16	...	...	...	1	...	3	...	...	...	...	...	...	1	5	45	2'14	...	Dehra June
60	41st (Reserve) Mountain Battery.	270	62	...	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	6	...	...	...	...	...	...	...	1	3	28	2'85	...	Abbot
61	42nd (Reserve) Mountain Battery.	124	47	8	Admitted Died Invalided	...	...	...	...	5	2	...	...	...	2	2	1	7	...	...	...	...	1	5	56	1'75	...	Ambal ber, from Dun.
62	43rd (Reserve) Mountain Battery.	504	146	12	Admitted Died Invalided	...	...	...	...	63	...	...	...	...	2	3	24	2	...	...	...	...	...	13	130	5'40	...	Dehra June

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent. Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
h (Reserve) Mountain Battery.	132	35	2	Admitted Died Invalided	...	...	...	...	12	...	...	...	1	...	...	3	...	...	1	...	...	...	1	2	39	165	Dehra Dun July 1919.
h (Reserve) Mountain Battery.	149	55	2	Admitted Died Invalided	1	...	...	1	2	...	...	...	...	...	...	2	...	2	...	...	...	...	15	53	298	Dinapore.	
e Frontier Garrison Artillery.	139	94	2	Admitted Died Invalided	3	...	...	...	24	...	1	1	...	...	3	7	2	1	...	...	...	4	4	84	306	4 Kohat. Detachments at Fort Lockhart, Malakhand and Thal.	
ian Mountain Artillery Depôts.	1,035	700	61	Admitted Died Invalided	1	2	...	...	105	16	2	11	8	12	54	12	36	...	...	...	25	16	674	3524	Ambala and Dehra Dun.		
Battery, Royal Horse Artillery.	20	10	2	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	7	055	Risalpur.	
Battery, Royal Horse Artillery.	199	2	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	004	...	Ditto.	
Battery, Royal Horse Artillery.	33	33	...	Admitted Died Invalided	...	...	...	...	2	...	...	...	1	2	5	...	...	...	...	...	...	...	1	53	207	Meerut.	
Ammunition column, Royal Horse Artillery.	56	27	1	Admitted Died Invalided	1	...	...	1	2	...	...	...	...	...	...	1	...	...	...	...	...	1	...	13	066	...	Risalpur.
Ammunition column Royal Horse Artillery.	(a) 58	59	...	Admitted Died Invalided	...	...	...	...	10	...	...	...	...	...	2	3	...	1	...	...	...	...	...	68	301	...	Meerut.
9th Battery, Royal Field Artillery.	19	19	...	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	004	...	Jubbulpore.
7th Battery, Royal Field Artillery.	45	28	...	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	...	3	1	...	...	...	...	...	...	11	085	...	Mhow.

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.



2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Station occupied by regiments and detachments during the year with dates of occupation. Last move.
th Battery, Royal Field Artillery.	20	13	...	Admitted Died Invalided	...	...	...	...	7	...	...	...	...	...	...	4	...	5	...	...	...	...	...	20	0'24	...	Kacha Garhi.
1st Battery, Royal Field Artillery.	17	17	...	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	3	0'46	...	Hyderabad.
2nd Battery, Royal Field Artillery.	69	6	...	Admitted Died Invalided	2	...	...	...	2	...	...	...	...	...	1	1	...	...	...	...	...	...	6	12	0'30	...	Quetta.
3rd Battery, Royal Field Artillery.	25	3	...	Admitted Died Invalided	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	13	0'29	...	Nowshera.
1st Ammunition Column, Royal Field Artillery.	204	115	2	Admitted Died Invalided	...	...	...	...	18	2	...	...	...	...	1	5	...	3	...	...	...	2	4	73	3'49	...	Nowshera.
2nd Ammunition Column, Royal Field Artillery.	242	115	1	Admitted Died Invalided	10	...	...	...	21	2	...	...	...	...	3	12	...	4	...	...	...	1	3	104	2'52	...	Kacha Garhi.
3rd Ammunition Column, Royal Field Artillery.	133	133	3	Admitted Died Invalided	1	3	...	...	25	...	...	...	...	...	3	1	...	1	...	...	...	1	25	102	7'44	...	Hyderabad.
4th Ammunition Column, Royal Field Artillery.	197	120	1	Admitted Died Invalided	...	...	...	...	6	...	...	...	...	...	4	4	...	1	...	...	...	2	12	69	4'79	...	Amritsar.
1st Mountain Battery, Royal Garrison Artillery.	320	320	11	Admitted Died Invalided	15	3	...	...	23	...	...	...	...	...	1	18	1	9	...	...	...	4	10	164	8'21	...	Quetta, Detachment at Jutogh.
2nd Mountain Battery, Royal Garrison Artillery.	(a) 45	108	...	Admitted Died Invalided	...	...	...	...	11	...	...	...	...	...	2	6	...	3	...	...	...	2	42	1	1'95	...	Kacha Garhi.
3rd Mountain Battery, Royal Garrison Artillery.	(*) 101	116	...	Admitted Died Invalided	...	...	...	...	16	...	...	...	...	...	5	...	...	...	...	...	...	4	5	83	3'39	...	Ali Masjid and Rawalpindi.
4th Mountain Battery, Royal Garrison Artillery.	130	130	2	Admitted Died Invalided	...	...	...	1	10	...	...	...	...	...	2	3	...	4	...	...	...	6	44	2'28	...	Jutogh.	
5th Mountain Battery, Royal Garrison Artillery.	257	76	3	Admitted Died Invalided	10	2	...	...	62	18	1	...	...	...	3	5	1	6	...	...	...	4	129	1	1'77	...	Peshawar.
6th Mountain Battery, Royal Garrison Artillery.	6	6	1	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	1	7	...	0'15	...	Jutogh.
7th Mountain Battery, Royal Garrison Artillery.	287	119	...	Admitted Died Invalided	6	...	...	...	9	2	...	...	...	...	3	5	...	...	...	...	...	1	1	52	2'80	...	Peshawar.

The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Serial number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, or invalided on account of old age.			
103	No. 9 Mountain Battery, Royal Garrison Artillery.	228	159	1	Admitted Died Invalided	9 3	...	...	...	10	...	...	...	5	...	2	3	2	...	...	...	...	...	10	20	68	5	5'20	3	Quett
104	No. 22 Battery, Royal Garrison Artillery.	17	17	1	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	10	...	1'04	...	Rurk
105	No. 60 Heavy Battery, Royal Garrison Artillery.	105	94	6	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	2	...	3	1	...	...	...	...	...	1	10	41	1	3'90	...	Rurk
106	No. 68 Heavy Battery, Royal Garrison Artillery.	92	92	4	Admitted Died Invalided	2	1	...	...	4	...	...	...	1	...	...	4	...	...	...	...	...	...	5	...	6	...	3'09	...	Rurk
107	Coast Defence (Royal Garrison Artillery).	318	30	8	Admitted Died Invalided	25	...	...	...	35	...	10	...	1	4	3	12	14	23	...	1	...	11	9	226	4	11'42	...	Bomb Kar Ran	
108	Royal Artillery Depôts.	9,064	6,616	152	Admitted Died Invalided	80 3	3 3	10	...	348	25	5	1	28	68	70	388	72	311	...	5	2	137	703	4,828	8	281'24	...	Ambr ki, pore nag cub Lac Kir	
109	Machine Gun Companies.	1,819	955	23	Admitted Died Invalided	11	1	2	...	88	4	1	...	6	14	32	43	11	10	...	...	...	...	22	64	738	3	44'17	...	Now Mas Que Sh Mee Rin
110	1st King George's Own Sappers and Miners.	3,845	2,659	67	Admitted Died Invalided	21 1	7 5	13 3	...	142	3	...	...	4	14	33	104	16	14	...	5	...	41	128	1,299	26	69'73	...	Mala klu Alp Rur Mas and	
111	2nd Queen Victoria's Own Sappers and Miners.	3,493	3,276	49	Admitted Died Invalided	16 2	1 1	36 8	1	464	4	...	3	6	8	29	141	7	15	...	1	...	29	591	2,014	36	86'54	...	Ali M Dro Koh Jubb Ban wan Mar and dera	
112	3rd Sappers and Miners.	2,033	1,746	73	Admitted Died Invalided	12 1	...	1	2	73	...	5	1	10	7	20	68	17	29	...	...	2	20	147	11,38	25	73'23	...	Ali M Sai Bon Kir	
113	Railway Battalion, Sappers and Miners.	(a) 410	551	13	Admitted Died Invalided	3 1	...	...	...	72	2	...	...	2	8	20	1	10	...	...	...	...	8	31	354	5	23'19	...	Sialk Ali	
114	Mechanical Transport Company, Sappers and Miners.	3,476	699	14	Admitted Died Invalided	18 ...	...	...	...	62	...	...	...	2	17	47	2	3	...	...	...	...	11	151	560	8	26'90	...	Rawa Ma	

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts preceding own rises as reinforcements at the end of the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Engineering Motor Training School.	2,888	1,377	36	Admitted Died Invalided	5 1 ...	1 ... ...	1 ... ...	1 ... ...	1 ... ...	...	...	...	5	3 2 ...	27 6 ...	155 6 ...	80 ... ...	21 ... ...	...	...	...	...	31 294 1,134	24 8 14	55'98	...	Karachi, Dhra Dun and Meeut.
Indian Technical Air Craft.	88	22	3	Admitted Died Invalided	2 1 ...	... ... ...	... ... ...	... ... ...	2 ... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10 1 ...	0'33	...	Lahore.
United Provinces Works.	791	73	...	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	29 ... ...	...	...	...	...	...	11 4 ...	1 ... ...	...	...	...	...	...	...	3 69 4	1'42	...	Cherat.	
Works Battalion.	14	14	...	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	10 ... ...	...	...	...	...	...	...	1 3 ...	...	1 ... ...	...	...	...	...	...	39 5 ...	0'85	...	Thal.
1st Divisional Signal Company, Sappers and Miners.	120	120	6	Admitted Died Invalided	12 ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	...	...	...	...	...	...	3 ... ...	...	...	...	...	...	...	9 1 54	3'11	...	Quetta and Detachment at Kowloon.	
2nd Divisional Signal Company, Sappers and Miners.	234	229	6	Admitted Died Invalided	6 ... ...	2 ... ...	... ... ...	... ... ...	7 ... 1	...	...	...	3 1 ...	1 ... 1	7 ... 1	8 ... ...	...	...	1 ... 1	1 ... 1	1 ... 1	39 201 11	17'11	...	Secunderabad.		
3rd Divisional Signal Company, Sappers and Miners.	72	65	...	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	25 10 ...	...	...	...	...	...	...	3 2 ...	2 ... ...	...	...	...	...	...	1 ... ...	63	1'17	...	Kacha Garhi, Dardoni and Jamrud.
4th Divisional Signal Company, Sappers and Miners.	62	62	8	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	...	...	...	...	...	1 7 ...	...	...	...	...	...	...	...	2 41 1	2'23	...	Lahore.	
5th Divisional Signal Company, Sappers and Miners.	173	43	...	Admitted Died Invalided	1 ... ...	... ... ...	... ... ...	... ... ...	29 1 ...	...	...	...	...	...	1 4 3	3 ... ...	...	...	...	...	...	...	2 47 5	1'1	...	Kohat Detachment at Hangu.	
6th Divisional Signal Company, Sappers and Miners.	20	20	2	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	...	...	...	...	...	...	...	4 ... ...	...	...	...	...	...	1 5 39	1'67	...	Jubbulpore.	
7th Cavalry Brigade Signal Troops.	20	10	...	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	0'12	...	Risalpur.
8th Cavalry Brigade Signal Troops.	35	11	1	Admitted Died Invalided	1 1 ...	... ... ...	... ... ...	... ... ...	1 ... ...	...	...	...	...	...	...	...	1 ... ...	...	...	...	...	...	...	9 1 ...	0'52	...	Kohat.
Wireless Signal Squadron.	194	46	4	Admitted Died Invalided	2 1 ...	... ... ...	... ... ...	... ... ...	2 ... ...	...	...	...	...	...	...	4 ... ...	...	1 ... ...	...	...	...	...	...	26 1 ...	1'52	...	Rawalpindi.

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Serial number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent, Invalided on account of old age.	Stat. occu. regiments detached during the year with date of occupation. Last year.
128	Depôt Signal Units.	1,687	1,686	55	Admitted Died Invalided	7 2 ...	2 1 ...	4 ...	136 ...	...	1 ...	5 ...	6 1 ...	12 1 ...	156 3 ...	21 2 ...	79 1 ...	2 1 ...	21 ...	245 1,216 17	71 176	54.60	...	Rawalp Poon Deol Khana				
129	1st Brahmans	(a) 670	729	62	Admitted Died Invalided	1 1 ...	1 ...	381 ...	2 ...	...	1 ...	17 6 ...	39 ...	32 ...	1 ...	...	11 ...	51 13 1	864	45.98	6	Fatehg						
130	2nd Battalion, 1st Brahmans.	(a) 608	803	22	Admitted Died Invalided	2 2 ...	...	65 1 ...	4 1 ...	...	4 1 ...	2 1 ...	4 ...	61 ...	4 ...	30 ...	4 ...	1 ...	76 5 7	588	28.81	...	Sitapor					
131	1st Battalion 2nd Queen Victoria's Own Rajput Light Infantry.	1,934	584	19	Admitted Died Invalided	9 1 ...	...	4 ...	...	...	3 ...	4 ...	30 1 ...	2 ...	7 ...	1 ...	4 11 1	180	6.49	...	Luckno							
132	2nd Paltalion, 2nd Queen Victoria's Own Rajput Light Infantry.	1,281	649	2	Admitted Died Invalided	...	...	10 13 ...	...	...	...	3 10 3	4 ...	...	...	...	3 4 ...	...	...	3 9 1	122	8.00	...	Malaka				
133	3rd Battalion, 2nd Queen Victoria's Own Rajput Light Infantry.	161	101	...	Admitted Died Invalided	5 ...	...	...	...	...	...	...	...	...	...	6 ...	...	...	...	1 ...	47	3.14	...	Allaha				
134	1st Battalion, 3rd Brahmans.	1,285	922	19	Admitted Died Invalided	159 11 1	...	1 1 ...	40 ...	...	6 ...	...	...	...	45 5 ...	...	7 ...	...	...	50 32 634	24	23.53	...	Barrack Detac at and gong.				
135	2nd Battalion, 3rd Brahmans.	1,205	834	15	Admitted Died Invalided	57 15 ...	...	...	57 ...	1 ...	1 ...	1 ...	8 3 ...	15 ...	24 ...	6 ...	3 ...	1 ...	9 28 458	20	20.07	...	Ahmed May from Detac at and gong.					
136	1st Battalion, 4th Prince Albert Victor's Rajputs.	1,618	494	16	Admitted Died Invalided	2 1 ...	...	1 5 ...	...	...	1 ...	4 ...	26 1 ...	4 ...	6 ...	3 ...	9 17 143	...	...	9 1 3	17	6.07	...	Luckno				
137	2nd Battalion, 4th Prince Albert Victor's Rajputs.	934	582	6	Admitted Died Invalided	...	1 3 ...	...	61 68 ...	...	2 ...	3 ...	5 ...	22 3 ...	3 ...	9 ...	1 ...	3 22 346	8	12.40	...	Agra ment Chak						
138	1st Battalion, 5th Light Infantry.	1,513	742	11	Admitted Died Invalided	69 14 ...	5 ...	100 ...	...	...	1 ...	3 ...	6 ...	14 3 ...	3 ...	13 ...	...	6 30 386	25	21.01	...	Loral 1919 ments Saiful Quett Jhans						
139	1st Battalion, 6th Jat Light Infantry.	1,244	710	22	Admitted Died Invalided	32 ...	2 ...	91 34 ...	1 ...	...	1 ...	7 ...	17 ...	...	16 ...	...	17 18 471	4	19.25	...	Feroz Octob from and gong.							
140	2nd Battalion, 6th Jat Light Infantry.	940	1,019	7	Admitted Died Invalided	...	7 4 ...	...	4 272 ...	...	1 ...	2 ...	15 1 ...	1 ...	20 ...	...	4 7 582	8	13.78	...	Agra.							
141	1st Battalion, 7th Rajputs.	669	550	17	Admitted Died Invalided	...	...	1 60 ...	...	...	2 ...	1 ...	13 4 ...	49 2 ...	11 ...	3 ...	1 ...	8 8 312	10	19.40	...	Mhow.						

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XLV  
STATISTICS OF THE  
INDIAN ARMY

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyæmia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
Battalion, 7th Ipsuts.	1,017	693	31	Admitted Died Invalided	252 7 5	...	...	1	83	...	...	...	...	3	3	43	18	20	...	...	...	26	55	1,083	34'30	...	Fort William February 1919 from Alipore.	
Battalion, 8th Ipsuts.	(a) 540	639	10	Admitted Died Invalided	35 7 ...	...	2	...	10	...	...	...	...	1	10	16	2	4	...	...	...	12	25	132	11'57	...	Allahabad, August 1919 from Luck- now.	
Battalion, 8th Ipsuts.	383	298	1	Admitted Died Invalided	2 2 ...	...	1	...	...	...	...	...	...	4	11	2	...	...	...	1	...	3	8	47	2'24	...	Lucknow.	
Battalion, 9th Local Infantry.	1,235	1,086	31	Admitted Died Invalided	53 4 ...	7	1	1	22	2	...	3	3	3	1	16	1	8	...	...	...	21	41	472	21'57	...	Fyzabad.	
Battalion, 9th Local Infantry.	(a) 521	537	15	Admitted Died Invalided	8 ... ...	...	...	...	97	10	...	19	4	2	2	5	...	...	40	...	1	10	31	17	557	20'62	...	Nasirabad.
Battalion, 9th Local Infantry.	682	675	36	Admitted Died Invalided	21 4 11	...	1	...	166	...	...	...	...	5	...	24	24	16	...	...	...	1	22	48	924	28'33	...	Alipore, February 1919 from Fort Wil- liam.
Battalion, 9th Local Infantry.	1,205	921	8	Admitted Died Invalided	2 ... ...	...	...	...	113	...	...	2	1	4	2	24	13	5	...	...	...	9	24	439	11'21	...	Kohat, Nov- ember 1919, from Mhow.	
Battalion, 10th Ipsuts.	492	469	18	Admitted Died Invalided	15 ... ...	...	1	...	18	...	...	8	1	...	14	...	...	17	...	...	...	1	15	17	451	18'01	...	Jhansi.
Battalion, 11th Jats.	1,053	616	10	Admitted Died Invalided	4 ... ...	...	...	...	30	10	...	...	...	1	3	11	...	4	...	...	...	7	15	314	19'97	...	Anandi, Nov- ember 1919 from Lahore Detachment at Gyantse.	
Battalion, 11th Ipsuts.	1,320	912	8	Admitted Died Invalided	55 1 ...	...	...	1	44	1	...	5	...	7	9	37	...	5	...	...	...	13	15	342	16'47	...	Dresh and Barrackpore. Detachment at Chitral.	
Battalion, 11th Ipsuts.	632	524	39	Admitted Died Invalided	2 ... ...	...	...	...	53	...	...	1	1	4	3	30	2	9	...	1	...	10	2	208	7'97	...	Sibi, Novem- ber 1919 from Loralai.	
Battalion, 12th Ipsuts.	926	557	18	Admitted Died Invalided	16 2 ...	...	...	...	92	9	...	2	...	5	45	1	5	...	...	...	...	36	6	376	12'46	...	Nowshera, and Jhansi. Detachments. at Ali Masjid and Landi- Kotal.	

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—contd

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Serial number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.			
154	2nd Battalion, 10th Pioneers.	(a) 350	620	35	Admitted Died Invalided	3 ... ...	... ... ...	... ... ...	... ... ...	92 5 ...	... ... ...	... ... ...	... ... ...	... ... ...	7 14 36	1 5 1	1 ... ...	1 ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 ... ...	41 ... ...	543 ... ...	30'33	...	Lah	
155	14th Rajputs (The Shekha Wati Regiment).	520	474	9	Admitted Died Invalided	4 2 ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	1 ... ...	... ... ...	1 ... ...	... ... ...	11 2 ...	25 1 ...	2 ... ...	8 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	28 ... ...	191 ... ...	8'18	...	Sitap em from now	
156	11th King George's Own Ferozepore Sikhs.	590	570	10	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	... ... ...	85 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 6 20	3 1 ...	2 ... ...	2 ... ...	2 ... ...	9 ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	25 ... ...	250 ... ...	10'64	...	Mul	
157	1st Battalion, 15th Ludhiana Sikhs.	632	549	4	Admitted Died Invalided	13 1 ...	1 ... ...	4 ... ...	... ... ...	71 21 ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	1 ... ...	9 3 ...	3 7 ...	7 ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	29 ... ...	360 ... ...	20'53	...	Pesh	
158	2nd Battalion, 15th Ludhiana Sikhs.	498	460	11	Admitted Died Invalided	15 3 ...	2 ... ...	... ... ...	... ... ...	97 21 ...	... ... ...	... ... ...	... ... ...	... ... ...	5 1 ...	4 ... ...	22 ... ...	... ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	18 ... ...	385 ... ...	19'73	...	Fero Ap from and de	
159	16th Rajputs (The Lucknow Regiment).	1,495	645	13	Admitted Died Invalided	2 ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 5 ...	30 1 ...	4 ... ...	9 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	15 ... ...	22 ... ...	252 ... ...	10'30	...	Luck Det at bar Mu	
160	1st Battalion, 17th Infantry (The Loyal Regiment).	834	760	30	Admitted Died Invalided	215 3 ...	... ... ...	1 ... ...	32 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	8 4 ...	4 ... ...	1 ... ...	21 ... ...	... ... ...	10 ... ...	2 ... ...	... ... ...	... ... ...	24 ... ...	35 ... ...	797 ... ...	27'48	...	Jhan 10 Dis	
161	2nd Battalion 17th Infantry (The Loyal Regiment).	(a) 914	1,116	12	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	200 71 ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	17 90 ...	2 ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	7 ... ...	38 ... ...	30'49	...	Fero	
162	1st Battalion 18th Infantry.	(a) 1,249	1,254	5	Admitted Died Invalided	72 2 ...	1 ... ...	2 ... ...	9 ... ...	3 ... ...	6 11 ...	6 ... ...	11 ... ...	8 ... ...	52 9 ...	15 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	29 ... ...	126 ... ...	773 ... ...	51'60	...	Alla Jan 10 Wi Ke	
163	2nd Battalion, 18th Infantry.	(a) 507	625	1	Admitted Died Invalided	46 3 ...	... ... ...	... ... ...	... ... ...	8 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	2 ... ...	28 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	9 ... ...	62 ... ...	409 ... ...	24'82	...	Alla	
164	19th Punjabis	1,343	367	15	Admitted Died Invalided	37 4 ...	2 ... ...	... ... ...	521 2 ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	1 ... ...	13 ... ...	18 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	17 ... ...	8 ... ...	766 ... ...	20'76	...	Kan 10 fro ge
165	2nd Battalion 19th Punjabis	1,256	671	12	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	81 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	3 ... ...	9 ... ...	3 ... ...	... ... ...	6 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	1 ... ...	66 ... ...	520 ... ...	27'54	...	Hyd No 19 La to 19
166	20th Duke of Cambridge's Own Infantry (Brownlow's Punjabis).	832	695	33	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	57 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	3 ... ...	10 ... ...	47 ... ...	3 ... ...	12 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	16 ... ...	22 ... ...	532 ... ...	37'63	...	Jhel

(.) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
1st Punjabis.	695	473	34	Admitted Died Invalided	...	...	...	...	70	...	...	...	...	1	9	27	2	6	...	...	...	...	18	25	522	41'25	...	Jhelum.
2nd Battalion Punjabis.	1,215	969	18	Admitted Died Invalided	81	...	...	...	168	...	...	...	...	2	8	27	11	...	...	...	1	36	45	733	31'38	...	Jubbulpore.	
3rd Punjabis.	1,343	669	6	Admitted Died Invalided	56	4	1	65	...	...	...	10	2	4	13	3	2	...	...	...	...	17	13	345	20'36	...	Chaman, September 1919 and Quetta throughout the year.	
4th Battalion Punjabis.	936	863	7	Admitted Died Invalided	56	...	2	20	2	14	...	3	3	10	62	1	1	...	...	...	...	4	20	360	17'56	...	Kowloon, May 1919, from Burhan, Detachment at Rawalpindi.	
5th Sikh Non-coms.	(a) 1,267	1,014	94	Admitted Died Invalided	2	...	...	179	67	4	...	15	8	27	78	16	43	...	1	1	14	191	1,174	60'27	...	Ambala, Detachments at Jullundur and Rawalpindi.		
6th Punjabis.	581	531	26	Admitted Died Invalided	63	1	...	53	2	...	...	5	3	10	6	2	4	...	...	...	...	18	12	902	34'34	...	Montgomery.	
7th Punjabis.	584	470	22	Admitted Died Invalided	...	2	...	56	2	...	...	2	...	6	20	1	2	...	...	...	...	10	23	287	18'86	...	Jhelum.	
8th Battalion Punjabis.	1,107	691	15	Admitted Died Invalided	60	7	...	125	...	...	...	2	...	3	9	1	3	...	...	...	...	6	43	502	25'41	...	Jhelum, November 1919, from Jhansi, Detachments at Allahabad and Chaklala.	
9th Punjabis.	702	475	11	Admitted Died Invalided	1	...	...	77	...	2	...	3	...	4	24	6	4	...	...	...	...	11	19	390	19'24	...	Bareilly.	
10th Battalion Punjabis.	1,059	597	10	Admitted Died Invalided	4	...	...	75	1	1	...	1	...	5	37	15	9	...	...	...	...	9	67	623	30'18	...	Dhond, October 1919 from Bareilly.	
11th Punjabis.	559	493	24	Admitted Died Invalided	...	...	...	58	2	...	...	3	9	11	33	...	10	...	...	...	1	16	16	377	27'02	...	Jhelum.	
12th Battalion Punjabis.	1,270	409	4	Admitted Died Invalided	1	1	...	12	33	...	...	2	...	1	14	...	...	...	...	...	...	4	13	202	6'95	...	Dhond, November 1919, from Agra.	
13th Punjabis.	609	574	20	Admitted Died Invalided	...	1	...	84	...	...	...	5	10	8	29	2	3	...	...	...	...	11	20	494	32'61	...	Jhelum.	

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Serial number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.
180	2nd Battalion 28th Punjabis.	427	106	8	Admitted Died Invalided	...	1	...	...	2	...	...	...	...	...	17	11	1	1	...	...	...	2	7	80	6'36	Delh
181	29th Punjabis	592	420	26	Admitted Died Invalided	...	...	...	...	178	...	...	...	7	4	11	29	2	2	...	...	...	10	11	42	25'58	Jhel
182	30th Punjabis	(a) 857	873	16	Admitted Died Invalided	...	2	...	...	94	72	1	...	1	...	15	16	...	...	...	2	...	49	13	554	15'70	Men Sep 191 Fe
183	2nd Battalion, 30th Punjabis.	(a) 602	655	12	Admitted Died Invalided	...	3	...	...	61	...	...	...	...	1	7	38	...	1	...	12	...	3	14	248	10'47	Mul
184	3rd Battalion, 30th Punjabis.	(a) 216	305	18	Admitted Died Invalided	...	...	...	...	...	...	...	...	...	...	9	58	...	...	...	...	...	1	3	110	6'61	Fero
185	4th Battalion, 30th Punjabis.	516	49	1	Admitted Died Invalided	...	...	...	...	18	...	...	...	...	...	...	...	...	...	...	...	...	3	3	3	1'13	Phil Di Jan
186	31st Punjabis	583	441	10	Admitted Died Invalided	...	2	...	...	161	...	...	...	4	...	6	14	3	2	...	...	...	9	16	361	22'98	Jhel
187	32nd Sikh Pioneers.	750	620	25	Admitted Died Invalided	1	1	...	...	117	...	1	...	2	3	13	23	...	11	...	...	...	15	40	493	39'80	Siall
188	2nd Battalion, 32nd Sikh Pioneers.	(a) 395	479	14	Admitted Died Invalided	...	...	...	...	18	...	...	...	3	6	5	17	1	3	...	1	...	13	42	255	21'36	Siall
189	3rd Battalion, 32nd Sikh Pioneers.	110	93	2	Admitted Died Invalided	...	...	...	...	1	...	...	...	...	...	1	2	...	...	...	...	...	...	17	44	3'36	Siall Di Ap
190	1st Battalion, 33rd Punjabis.	780	480	12	Admitted Died Invalided	5	1	1	...	87	26	...	...	1	...	4	30	1	1	...	...	...	4	19	264	2'35	Raw
191	2nd Battalion, 33rd Punjabis.	892	473	12	Admitted Died Invalided	1	...	...	...	63	...	...	...	...	...	6	12	2	11	...	...	3	16	16	389	12'63	All Se 191 Ca 19 Cl
192	34th Sikh Pioneers.	635	586	21	Admitted Died Invalided	...	2	...	...	111	13	...	...	2	3	5	10	8	9	...	...	...	7	53	375	17'03	Am De at Ma

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the

TABLE XXIV—  
STATISTICS OF REGIMENTS

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
Battalion, Sikh Pioneers.	800	620	16	Admitted Died Invalided	1 1 ...	1 1 ...	...	54 ...	...	...	...	...	...	1 1 ...	5 1 ...	15 ...	1 ...	8 ...	1 ...	...	...	...	9 34 324	26 25 5	...	Sialkot. Detachment at Jamrud.	
Battalion, Sikh Pioneers.	(a) 256	434	11	Admitted Died Invalided	...	...	...	23 ...	2 ...	...	...	...	...	...	4 1 ...	4 ...	4 ...	5 ...	...	...	...	8 ...	23 144	6 58 6	...	Ambala.	
Battalion, Sikh Pioneers.	710	618	2	Admitted Died Invalided	2 1 ...	2 ...	...	130 ...	32 ...	...	...	...	2 ...	2 2 ...	2 25 ...	...	1 ...	...	...	...	1 ...	5 21 297	23 64 8	...	Anandi, November 1919, from Ferozepore and Peshawar.		
Battalion, Sikh Pioneers.	890	753	14	Admitted Died Invalided	25 3 ...	4 2 ...	...	111 ...	4 1 ...	...	...	1 ...	4 1 ...	13 4 ...	45 2 ...	5 ...	3 ...	...	...	...	...	12 47 635	32 87 3	...	Lahore. Detachments at Ali Masjid and Kacha Garhi.		
Battalion, Sikh Pioneers.	1,401	758	13	Admitted Died Invalided	60 1 ...	1 ...	...	74 ...	1 ...	...	...	4 ...	2 ...	1 ...	6 2 ...	31 ...	14 ...	7 ...	...	...	...	15 27 635	31 19 3	...	Bareilly.		
Dogra	(a) 339	722	34	Admitted Died Invalided	8 ...	4 ...	...	175 ...	2 ...	...	...	7 ...	1 ...	20 3 ...	47 1 ...	2 ...	6 ...	...	...	...	...	18 19 534	32 05 8	...	Jhelum. Detachment at Kacha Garhi.		
Dogra	(a) 459	541	26	Admitted Died Invalided	...	...	...	220 ...	1 ...	...	...	6 ...	4 ...	16 5 ...	32 ...	4 ...	3 ...	...	1 ...	...	...	13 13 537	32 39 5	...	Jhelum.		
Battalion, Garhwal Rifles.	803	571	10	Admitted Died Invalided	...	...	...	80 ...	1 ...	...	...	1 ...	3 ...	4 3 ...	36 ...	...	5 ...	...	1 ...	1 ...	1 ...	1 13 285	16 07 12	...	Lansdowne.		
Battalion, Garhwal Rifles.	1,074	466	15	Admitted Died Invalided	...	...	...	50 ...	1 ...	...	...	1 ...	5 3 ...	2 1 ...	24 ...	...	2 ...	...	2 ...	...	...	6 10 227	14 71 17	...	Lansdowne.		
Battalion, Garhwal Rifles.	714	643	10	Admitted Died Invalided	23 ...	2 ...	...	69 ...	16 ...	...	...	1 ...	5 ...	1 4 ...	26 ...	2 ...	3 ...	...	...	...	...	5 10 271	13 33 6	...	Cuskiata. Detachment at Fort Jamrud.		
Battalion, Garhwal Rifles.	(a) 377	539	11	Admitted Died Invalided	...	...	...	57 ...	6 ...	1 ...	...	4 ...	5 ...	5 4 ...	4 ...	1 ...	5 ...	...	...	...	...	11 13 351	20 69 10	...	Lansdowne, July 1919, from Dehra Dun.		
Battalion, Pathans.	(a) 284	479	15	Admitted Died Invalided	8 ...	1 ...	...	44 ...	1 ...	...	...	1 ...	...	10 ...	30 ...	3 ...	11 ...	...	...	...	...	4 7 320	19 49 4	...	Landi Kotal, from Campbellpore, October 1919.		

The decrease in enrolled strength as compared with the average strength present is due to draft proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Serial number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Sto occ regim deta during with occ Lan	
205	1st Battalion, 41st Dogras.	1,153	358	12	Admitted Died Invalided	26 ... 1	... ... ...	... ... ...	... ... ...	16 ... 1	3 ... ...	... ... ...	... ... ...	9 ... 1	... ... 1	15 ... ...	15 ... ...	9 ... ...	... ... ...	8 ... ...	1 ... ...	... ... ...	... ... ...	11 ... 1	10 ... ...	236 ... 5	14.48	...	Dhr tem
206	2nd Battalion, 41st Dogras.	1,080	598	18	Admitted Died Invalided	8 9	3 1	1 ...	... ...	50 ...	3 ...	... ...	... ...	... 1	5 4	19 10	60 1	... ...	10 ...	... ...	8 ...	... ...	9 1	19 1	468 27	36.40	...	Lah tar Sial	
207	1st Battalion, 42nd Deoli Regiment.	839	635	16	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	32 ... ...	... ... ...	... ... ...	... ... ...	2 ... 2	5 1	6 1	32 2	... ...	... 1	4 ...	1 ...	1 ...	10 ...	35 5	331 5	16.30	...	Deol tac Sun	
208	2nd Battalion, 42nd Deoli Regiment.	909	596	24	Admitted Died Invalided	23 3	1 ...	... ...	... ...	143 1	9 ...	... ...	... ...	3 2	2 1	30 ...	88 ...	... ...	11 ...	... ...	6 ...	21 ...	22 ...	680 10	24.10	...	Chal Oct		
209	1st Battalion, 43rd Erinpara Regiment.	1,417	1,142	29	Admitted Died Invalided	28 3	... ...	... ...	... ...	116 1	... ...	... ...	... ...	6 3	7 6	17 ...	50 5	18 ...	29 ...	... ...	1 ...	4 ...	18 ...	30 1	574 25	18.91	...	Erin De at and pur	
210	2nd Battalion, 43rd Erinpara Regiment.	847	713	21	Admitted Died Invalided	53 2	... ...	... ...	... ...	66 ...	... ...	... ...	... ...	2 1	2 2	10 3	48 ...	38 ...	41 ...	... ...	2 ...	3 ...	37 ...	55 ...	685 14	42.65	...	Ajme ber from Cre tac Bos De Ajme tac Ser	
211	44th Merwara Infantry.	1,720	604	19	Admitted Died Invalided	14 1	... ...	1 ...	... ...	55 ...	... ...	... ...	... ...	5 1	10 4	66 ...	5 ...	21 ...	... ...	... ...	... ...	9 ...	32 ...	414 7	10.59	...	Ajme tac Ser		
212	41th Rattray's Sikhs.	511	511	13	Admitted Died Invalided	... ... ...	1 ... ...	... ... ...	... ... ...	33 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... 4	4 ...	8 ...	17 ...	... ...	2 ...	... ...	3 ...	3 ...	8 ...	182 6	8.78	...	Mult	
213	46th Punjabis	628	270	12	Admitted Died Invalided	... ... ...	2 ... ...	... ... ...	... ... ...	19 ... ...	... ... ...	... ... ...	... ... ...	1 ... 1	1 ...	5 ...	15 ...	3 ...	6 ...	... ...	... ...	... ...	5 ...	5 ...	224 4	14.41	...	Cam	
214	47th Sikhs	610	476	8	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	... ... ...	29 1	1 ...	2 ...	... ...	2 1	7 ...	11 ...	13 ...	2 ...	... ...	... ...	... ...	13 ...	16 ...	409 2	19.92	...	Dare		
215	1st Battalion, 48th Pioneers.	545	481	10	Admitted Died Invalided	98 ...	1 ...	... ...	... ...	46 9	... ...	... ...	... ...	1 1	... ...	6 1	11 ...	... ...	... ...	... ...	... ...	9 6	5 ...	359 5	11.82	...	Jhan		

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps audits detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandyfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last mov.
Battalion, 1st Pioneer.	783	756	8	Admitted Died Invalided	46 ... ...	... ... ...	... ... ...	33 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	12 ... ...	1 ... ...	3 ... ...	38 ... ...	4 ... ...	26 ... ...	... ... ...	... ... ...	1 ... ...	29 ... ...	30 ... ...	567 ... ...	23'96	...	Asaogaoon.
Battalion, 2nd Bengal.	713	704	10	Admitted Died Invalided	23 ... ...	3 ... ...	1 ... ...	294 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	7 ... ...	... ... ...	9 ... ...	61 ... ...	7 ... ...	15 ... ...	1 ... ...	1 ... ...	... ... ...	13 ... ...	100 ... ...	934 ... ...	60'68	...	Karachi. Detachment at Dum Dum.
Battalion, 3rd Kumaon Res.	(a) 644	865	17	Admitted Died Invalided	18 ... ...	1 ... ...	6 ... ...	129 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	1 ... ...	1 ... ...	24 ... ...	3 ... ...	1 ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	48 ... ...	390 ... ...	23'41	...	Almora, September 1919, from Fyzabad.
Battalion, 4th Kumaon Res.	(a) 1,109	1,121	6	Admitted Died Invalided	8 ... ...	2 ... ...	... ... ...	150 ... ...	1 ... ...	8 ... ...	... ... ...	3 ... ...	3 ... ...	2 ... ...	143 ... ...	13 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	26 ... ...	71 ... ...	1,210 ... ...	36'53	...	Bareilly, Detachment at Ali Masjid.
Sikhs (Frontier Force).	667	533	3	Admitted Died Invalided	1 ... ...	... ... ...	1 ... ...	64 ... ...	18 ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	1 ... ...	5 ... ...	14 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	8 ... ...	386 ... ...	23'07	...	Jullundur.
Battalion, 52nd Sikhs (Frontier Force).	(a) 497	552	14	Admitted Died Invalided	35 ... ...	... ... ...	... ... ...	113 ... ...	22 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	2 ... ...	6 ... ...	21 ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	17 ... ...	19 ... ...	421 ... ...	28'31	...	Jullundur.
Battalion, 53rd Sikhs (Frontier Force).	714	530	7	Admitted Died Invalided	... ... ...	... ... ...	2 ... ...	86 ... ...	21 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	... ... ...	3 ... ...	12 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	18 ... ...	10 ... ...	419 ... ...	22'18	?	Jullundur.
Battalion, 6th Sikhs (Frontier Force).	631	520	3	Admitted Died Invalided	... ... ...	... ... ...	1 ... ...	76 ... ...	20 ... ...	... ... ...	... ... ...	... ... ...	5 ... ...	2 ... ...	8 ... ...	22 ... ...	1 ... ...	3 ... ...	... ... ...	... ... ...	... ... ...	20 ... ...	19 ... ...	492 ... ...	27'73	...	Jullundur.
Battalion, 7th Sikhs (Frontier Force).	974	581	15	Admitted Died Invalided	13 ... ...	... ... ...	... ... ...	130 ... ...	28 ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	1 ... ...	2 ... ...	51 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	16 ... ...	332 ... ...	12'30	...	Rawalpindi. Detachment at Landikotal.
Battalion, 8th Coke's Rifles (Frontier Force).	844	519	24	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	111 ... ...	3 ... ...	5 ... ...	... ... ...	5 ... ...	3 ... ...	3 ... ...	13 ... ...	25 ... ...	12 ... ...	31 ... ...	... ... ...	... ... ...	... ... ...	19 ... ...	57 ... ...	700 ... ...	40'68	...	Ambala. May 1919, from Delhi.
Battalion, 9th Coke's Rifles (Frontier Force).	913	828	21	Admitted Died Invalided	... ... ...	... ... ...	... ... ...	101 ... ...	4 ... ...	... ... ...	... ... ...	... ... ...	3 ... ...	1 ... ...	9 ... ...	29 ... ...	26 ... ...	17 ... ...	... ... ...	... ... ...	... ... ...	18 ... ...	104 ... ...	765 ... ...	52'45	...	Delhi.
Battalion, 10th Punjabi Rifles (Frontier Force).	814	649	4	Admitted Died Invalided	1 ... ...	1 ... ...	... ... ...	93 ... ...	24 ... ...	... ... ...	... ... ...	... ... ...	4 ... ...	1 ... ...	5 ... ...	18 ... ...	2 ... ...	2 ... ...	... ... ...	... ... ...	... ... ...	11 ... ...	11 ... ...	535 ... ...	29'37	...	Jullundur.
Battalion, 11th Punjabi Rifles (Frontier Force).	1,005	414	11	Admitted Died Invalided	15 ... ...	... ... ...	... ... ...	49 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	2 ... ...	11 ... ...	... ... ...	... ... ...	... ... ...	... ... ...	... ... ...	6 ... ...	9 ... ...	169 ... ...	9'10	4	Jullundur. October 1919, from Quetta.

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
Serial number.	Corps audits Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, invalided on account of old age.		
229	57th Wilde's Rifles (Frontier Force).	1,239	41	6	Admitted Died Invalided	...	...	2	1	107	12	1	...	3	1	10	30	6	5	...	...	...	2	8	305	1	11'22	28	Kohat tarn Dera
230	58th Vaughan's Rifles (Frontier Force).	(a) 459	460	16	Admitted Died Invalided	...	...	5	...	33	...	...	...	2	1	4	23	...	2	...	2	1	4	29	169	5	10'35	...	Multan
231	59th Scinde Rifles (Frontier Force).	838	637	6	Admitted Died Invalided	1	1	1	1	151	20	...	...	3	...	5	22	...	1	...	...	...	12	19	453	4	25'28	...	Jullundur
232	1st Battalion, 61st King George's Own Pioneers.	858	763	114	Admitted Died Invalided	5	1	1	1	96	95	1	...	7	...	75	190	3	12	...	2	...	32	47	949	4	40'58	...	Feroz Dera at A and
233	2nd Battalion, 61st King George's Own Pioneers.	506	437	4	Admitted Died Invalided	22	1	1	...	13	...	...	...	2	...	3	23	5	21	...	...	...	6	50	262	8	15'09	...	Dhond tarn Secr bud. Jamm
234	62nd Punjabis	741	480	17	Admitted Died Invalided	8	1	...	...	151	11	...	...	10	3	8	20	...	1	...	...	...	9	22	530	4	23'27	...	Cawnpore
235	1st Battalion, 63rd Palamcottah Light Infantry.	1,233	680	21	Admitted Died Invalided	16	1	...	...	48	...	8	3	...	35	38	1	3	...	...	...	10	93	485	13	26'66	...	Rangoon Deta at P and Dere.	
236	64th Pioneers	(a) 505	531	18	Admitted Died Invalided	65	2	...	211	...	...	...	...	3	32	7	7	...	...	...	...	3	54	573	8	29'12	...	Bangalore Deta at drum.	
237	1st Battalion, 66th Punjabis.	1,233	295	10	Admitted Died Invalided	1	...	...	75	...	4	1	1	7	13	10	4	...	...	2	12	12	12	274	1	25'59	...	Manma ber 19 Deta at Tan Dera Khan.	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXV—contd.  
STATISTICS OF AMBULANCES

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Corps and its Detachment.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Elastic fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, invalidated on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
1 Battalion, 66th Punjabis.	(a) 535	876	8	Admitted Died Invalided	9 1 ...	2 1 ...	...	...	30	2	...	1	1	3	27	...	5	...	...	...	...	4	50	461	6	21'97	...	Sitapur, De- tachments at Simla and Kacha Garhi
1 Battalion, 67th Punjabis.	(a) 528	581	10	Admitted Died Invalided	...	1 1 ...	...	...	6	139	...	...	...	2	2	23	...	2	...	...	...	3	21	328	4	10'79	...	Agra.
1 Battalion, 67th Punjabis.	1,240	569	7	Admitted Died Invalided	8 1 ...	1 1 ...	...	...	145	80	...	6	2	2	70	7	5	...	1	25	86	706	6	15'92	...	Agra and Al- Masjid from Chaklala and Rawalpindi.		
1 Battalion, 69th Punjabis.	1,114	759	12	Admitted Died Invalided	16 2 ...	1 ...	...	...	264	95	2	2	2	5	35	3	3	...	...	...	22	13	649	9	14'65	...	Agra, Detach- ment at Thal.	
1 Battalion, 69th Punjabis.	(a) 263	404	15	Admitted Died Invalided	...	4 ...	...	...	39	...	...	6	2	16	13	2	4	...	...	...	...	51	413	2	35'47	...	Delhi, June 1919.	
1 Battalion, 70th Burma Rifles.	70	69	1	Admitted Died Invalided	...	...	...	...	2	...	...	2	...	...	10	2	1	...	...	...	1	5	46	...	3'05	...	Secunderabad Disband ed in February 1919.	
1 Battalion, 70th Burma Rifles.	1,384	1,035	9	Admitted Died Invalided	22 1 ...	1 ...	...	...	20	...	...	6	3	...	58	3	15	...	2	...	2	146	924	4	48'52	...	Secunderabad and Dina- pore.	
1 Battalion, 70th Burma Rifles.	1,247	864	2	Admitted Died Invalided	4 ...	1 ...	1	4	...	1	...	3	1	1	95	2	10	1	12	...	3	188	700	5	52'01	...	Secunderabad	
1 Battalion, 70th Burma Rifles.	940	708	2	Admitted Died Invalided	...	...	...	88	...	12	5	9	1	2	29	1	4	...	2	...	5	246	570	6	33'49	...	Shwebo Octo- ber 1919 from Mic- ktila.	
1 Battalion, 70th Punjabis.	640	628	17	Admitted Died Invalided	1 1 ...	...	...	62	...	1	...	1	4	14	7	24	...	2	8	169	632	3	37'79	...	Delhi, Febru- ary 1919, from Hyderabad.			
1 Battalion, 72nd Punjabis.	516	358	26	Admitted Died Invalided	...	...	...	45	...	6	...	24	4	6	17	4	3	...	2	18	27	408	3	26'77	...	Delhi.		

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—contd.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Serial number.	Corps and its Detachment.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Etiotic Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Venereal Diseases.	All Causes.	Average number constantly sick.	Died absent, invalided on account of old age.	Stu occu regim detac during with occu Las		
249	2nd Battalion, 72nd Punjabis.	1,028	88	11	Admitted Died Invalided	...	...	2	...	79	...	...	...	...	...	1	17	...	4	6	...	...	21	239	12'98	...	...	...	...	
250	1st Battalion, 73rd Carnatic Infantry.	673	627	4	Admitted Died Invalided	34	1	1	127	...	...	...	...	3	1	4	58	3	24	...	...	...	18	77	545	26'97	...	...	...	...
251	2nd Battalion, 73rd Carnatic Infantry.	875	773	39	Admitted Died Invalided	235	3	4	29	...	2	1	1	1	1	59	3	3	...	1	1	15	72	832	39'41	...	...	...	...	...
252	74th Punjabis	958	908	22	Admitted Died Invalided	23	5	6	1	29	86	1	...	1	4	1	34	2	4	...	...	...	22	32	455	17'19	...	...	...	...
253	1st Battalion, 75th Carnatic Infantry.	(a) 535	538	22	Admitted Died Invalided	74	4	1	23	...	...	...	...	1	1	1	18	2	3	...	...	...	1	93	380	21'90	...	...	...	...
254	2nd Battalion, 75th Carnatic Infantry.	878	725	17	Admitted Died Invalided	78	3	15	...	12	...	...	...	2	2	3	46	12	8	...	1	...	5	184	1,008	58'74	...	...	...	...
255	76th Punjabis	(a) 1,048	1,228	53	Admitted Died Invalided	46	4	...	243	...	1	3	...	3	17	36	15	12	...	3	52	31	1,013	...	49'71	...	...	...	...	...
256	79th Carnatic Infantry.	1,811	622	3	Admitted Died Invalided	5	...	...	46	...	1	...	5	1	2	14	16	2	...	3	...	1	86	326	30'85	...	...	...	...	...
257	1st Battalion, 80th Carnatic Infantry.	1,522	776	10	Admitted Died Invalided	10	...	...	61	3	...	...	4	1	3	30	20	11	...	2	...	15	146	329	29'66	...	...	...	...	...
258	2nd Battalion, 80th Carnatic Infantry.	1,139	881	16	Admitted Died Invalided	230	1	...	61	...	...	...	3	3	6	41	1	7	...	...	...	30	71	694	30'05	...	...	...	...	...
259	1st Battalion, 81st Pioneers.	926	905	37	Admitted Died Invalided	42	8	...	272	1	5	...	1	3	13	42	8	6	1	1	2	13	138	859	41'70	...	...	...	...	...
260	2nd Battalion, 81st Pioneers.	862	700	53	Admitted Died Invalided	45	...	...	65	...	...	...	1	3	6	64	10	5	...	1	...	7	99	514	37'66	...	...	...	...	...
261	82nd Punjabis	795	772	14	Admitted Died Invalided	132	11	...	83	...	...	...	5	1	2	16	1	11	...	...	...	8	29	571	26'55	...	...	...	...	...

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the

INDIA  
TABLE XXIV  
STATISTICS OF REGIMENTS

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps and its detachments	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
1 Wallajahbad Light Infantry.	817	651	14	Admitted Died Invalided	152 1 ...	...	...	...	9 ...	...	...	3 ...	4 ...	...	23 3	...	...	...	...	...	...	5 48	407 2 9	20'50	...	Trichinopoly, Detachments at Ootacamund and Bellery.	
1 Punjabis	595	482	20	Admitted Died Invalided	14 ...	2 ...	...	...	135 ...	9 ...	...	24 ...	1 ...	6 ...	26 1	...	...	...	...	...	...	10 24	553 2 28	26'34	...	Cawnpore.	
Battalion, 1st Burma Rifles.	659	622	16	Admitted Died Invalided	14 1 ...	...	...	...	79 1 1	...	...	1 ...	...	7 ...	49 4	...	...	30 ...	...	...	...	21 49	426 6 2	18'73	...	Mandalay, Detachments and Thayemyo and Myikynia.	
1st Carnatic Infantry.	1,144	991	8	Admitted Died Invalided	7 1 ...	...	...	...	225 4 ...	...	...	7 1	2 1	...	50 ...	7 ...	10 ...	...	1 ...	...	...	16 69	614 9 21	32'07	...	Meiktila, November 1919, from Bhamo and Shwebo.	
1st Punjabis	532	451	11	Admitted Died Invalided	79 1 ...	4 ...	...	...	70 ...	...	...	1 ...	2 ...	2 1	17 ...	1 ...	11 ...	...	1 ...	...	...	4 ...	6 ...	311 6 12	10'25	...	Jhansi.
Battalion, 1st Carnatic Infantry.	639	572	34	Admitted Died Invalided	130 4 ...	...	...	1 ...	19 ...	...	...	2 ...	2 1	1 ...	49 ...	4 2	...	22 ...	...	1 ...	...	16 ...	64 5 6	27'84	...	St. Thomas Mount, March 1919 from Bellary.	
1st Battalion, 1st Carnatic Infantry.	930	762	27	Admitted Died Invalided	175 6 ...	613 5 4	...	...	113 ...	...	94 ...	7 ...	2 ...	11 2	41 2	18 ...	39 ...	...	3 ...	6 ...	...	11 ...	125 ...	1,179 21 6	59'06	...	Bombay, June 1919 from Bangalore and Bellary.
Battalion, 89th Punjabis	544	436	22	Admitted Died Invalided	110 7 ...	1 ...	...	...	38 ...	...	...	6 ...	...	4 1	20 ...	3 ...	15 ...	...	1 ...	...	...	4 ...	51 ...	400 9 10	22'65	...	Kamptee.
Battalion, 89th Punjabis.	982	531	5	Admitted Died Invalided	4 ...	1 ...	...	...	81 2	1 ...	1 ...	2 ...	3 ...	15 ...	6 ...	5 ...	...	...	...	...	...	3 ...	14 ...	266 4 12	15'27	...	Dargai, Detachment at Chakdara.
Battalion, 90th Punjabis.	(a) 762	839	15	Admitted Died Invalided	3 ...	9 5	...	...	468 ...	2 ...	1 ...	12 1	2 1	9 2	36 ...	3 1	19 ...	...	...	...	...	1 ...	73 38	946 12 13	31'37	...	Kamptee, Detachment at Thal.
Battalion, 90th Punjabis.	490	472	6	Admitted Died Invalided	3 ...	1 ...	...	...	76 ...	...	...	1 ...	...	2 1	3 1	39 ...	15 1	...	...	...	...	15 ...	24 ...	508 4 27	26'86	...	Dhond, May 1919 from Monmad and Kikee.
Battalion, 91st Punjabis.	599	477	11	Admitted Died Invalided	2 ...	...	...	...	53 1	...	...	1 ...	...	1 ...	4 2	49 1	...	...	...	...	...	4 ...	16 ...	177 6 5	9'74	...	Rangoon.

The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the year.

INDIAN TROOPS, 1919.

TABLE XXIV—*contd.*

STATISTICS OF REGIMENTS.

A.—*Sickness and Mortality.*  
Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	St. occu regim deta during with occu Last
274	2nd Battalion, 91st Punjabis.	869	756	11	Admitted Died Invalided	59 1 ...	1 ... ...	...	109 ... ...	...	...	...	...	...	...	...	2 29 25	...	...	...	...	3 30 42	615 25 2	25'46	...	Jubb		
275	1st Battalion, 92nd Punjabis.	776	507	8	Admitted Died Invalided	1 ... ...	...	...	35 ... ...	...	...	...	15 1 ...	...	...	5 18 2	...	2 6 2	...	...	...	...	17 12 325	2 17'93	...	Delhi.		
276	93rd Burma Infantry.	751	535	13	Admitted Died Invalided	...	...	...	38 1 ...	...	5 6 2	...	...	...	2 4 10	...	5 5 1	...	...	1 2 ...	...	...	10 395	1 22'22	...	Delhi.		
277	1st Battalion, 94th Russell's Infantry.	718	575	19	Admitted Died Invalided	4 1 ...	...	...	112 21 ...	...	...	...	6 2 4	...	2 4 41	...	...	...	16 ...	...	...	...	20 20 495	7 24'62	...	Nasir		
278	2nd Battalion, 94th Russell's Infantry.	896	730	19	Admitted Died Invalided	3 ... ...	...	...	27 ... ...	...	...	...	4 1 ...	...	1 4 40	...	...	...	...	...	...	...	16 49 368	10 23'91	...	Saugo		
279	1st Battalion, 95th Russell's Infantry.	802	643	13	Admitted Died Invalided	2 1 ...	...	...	14 ... ...	...	...	...	1 ...	...	1 45 ...	...	...	...	...	...	...	...	13 5 428	3 25'60	...	Saugo		
280	2nd Battalion, 95th Russell's Infantry.	1,094	759	13	Admitted Died Invalided	25 2 ...	...	...	83 4 ...	...	...	...	1 5 3	...	3 3 70	...	3 48 8	...	...	...	...	...	13 58 695	9 38'04	...	Secun Deta at kota		
281	1st Battalion, 96th Berar Infantry.	830	689	14	Admitted Died Invalided	2 1 ...	...	...	13 ... ...	...	...	...	...	...	1 4 23	...	...	...	...	...	...	...	12 20 230	4 18'11	...	Saugo		
282	2nd Battalion, 96th Berar Infantry.	921	819	5	Admitted Died Invalided	7 1 ...	...	...	64 ... ...	...	...	...	...	...	1 2 3	...	21 17 73	...	...	...	...	...	15 32 542	5 18'79	...	Santa Octi from and nagr		
283	1st Battalion, 97th Deccan Infantry.	1,378	1,146	29	Admitted Died Invalided	4 2 ...	...	...	74 ... ...	...	...	...	...	...	1 13 70	...	6 66 ...	...	...	...	...	...	30 15 469	21 20'55	...	Ahme Deta at S		
284	2nd Battalion, 97th Deccan Infantry.	546	677	14	Admitted Died Invalided	...	1 1 ...	...	44 ... ...	...	...	...	...	...	1 2 20	...	55 2 77	...	...	...	...	...	11 38 488	4 22'75	...	Ahme		

(a) The decrease in enrolled strengths as compared with the average strengths present is due to drafts proceeding overseas as reinforcements at the end of the

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess, Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old Wge.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
Battalion 98th Infantry.	763	316	5	Admitted Died Invalided	34 6 ...	...	...	...	40 1 ...	...	...	...	2 1 ...	1 2 ...	2 14 ...	...	...	...	...	...	...	11 5 ...	159 3 ...	8-85	181	Quetta.	
Battalion 98th Infantry.	1,464	840	16	Admitted Died Invalided	36 2 ...	...	...	...	76 1 ...	...	...	...	1 1 ...	5 2 ...	2 14 ...	28 22 ...	...	...	...	...	...	30 19 ...	677 5 ...	30-51	...	Jubbulpore.	
Deccan Infantry.	(a) 820	941	21	Admitted Died Invalided	...	...	...	1 77 ...	...	...	...	...	2 4 ...	22 1 ...	66 1 ...	66 9 ...	74 ...	...	...	...	...	23 27 ...	474 8 ...	20-33	...	Ahmedabad Detachment at Arangaon.	
Battalion the 1st Grenadiers.	724	548	28	Admitted Died Invalided	9 ...	...	...	...	74 1 ...	...	...	...	5 4 ...	3 1 ...	9 5 ...	34 15 ...	15 30 ...	...	...	...	...	7 40 ...	513 8 ...	17-17	...	Aurangabad.	
Battalion the 1st Grenadiers.	984	371	512	Admitted Died Invalided	...	...	...	...	350 14 ...	...	...	...	3 1 ...	5 2 ...	45 1 ...	...	24 ...	...	...	...	...	209 13 ...	780 3 ...	15-33	...	Mhow, November 1919 from Manwad and Arangaon.	
Battalion 102nd King Edward's Grenadiers	842	641	15	Admitted Died Invalided	38 9 ...	...	...	1 ...	127 ...	...	...	...	8 2 ...	4 1 ...	9 1 ...	16 1 ...	5 14 ...	...	...	...	...	12 7 ...	502 14 ...	30-17	...	Mhow Detachment at Pishin.	
Battalion 102nd King Edward's Own Grenadiers.	1,048	553	26	Admitted Died Invalided	8 1 ...	...	...	...	20 2 ...	...	...	...	7 1 ...	2 4 ...	11 3 ...	20 9 ...	9 13 ...	...	...	...	...	23 28 ...	470 9 ...	20-00	...	Dinapore July 1919, from Arangaon.	
Battalion 103rd Mahratta Light Infantry.	940	436	7	Admitted Died Invalided	1 ...	...	...	...	51 1 ...	1 ...	...	...	4 1 ...	14 4 ...	51 ...	...	7 ...	...	...	...	...	1 21 ...	429 6 ...	20-66	...	Belgaum January 1919, from Arangaon and Bannu.	
Battalion 103rd Mahratta Light Infantry.	536	479	1	Admitted Died Invalided	2 ...	1 ...	...	...	7 ...	...	...	...	1 ...	8 ...	22 ...	...	18 ...	...	...	...	...	2 64 ...	401 1 ...	20-84	...	Thal November 1919, from Belgaum and Satara.	
Wellesley's Rifles.	(a) 498	845	15	Admitted Died Invalided	2 ...	...	...	6 114 ...	...	...	...	...	6 1 ...	7 8 ...	8 1 ...	38 2 ...	2 10 ...	...	...	...	...	11 8 ...	487 2 ...	32-78	...	Mhow.	
103rd Mahratta Light Infantry.	250	247	6	Admitted Died Invalided	...	...	...	...	3 ...	...	...	...	2 ...	1 ...	14 ...	...	13 ...	...	...	...	...	...	33 ...	253 1 ...	11-58	...	Belgaum.
103rd Mahratta Light Infantry.	586	585	7	Admitted Died Invalided	36 7 ...	...	...	...	133 2 ...	...	...	...	2 3 ...	3 5 ...	5 8 ...	...	2 ...	...	...	...	...	9 22 ...	276 11 ...	14-66	...	Quetta.	
Battalion 107th Mahratta Light Infantry.	709	281	3	Admitted Died Invalided	12 1 ...	...	...	...	43 2 ...	...	...	...	2 ...	2 1 ...	5 1 ...	4 ...	6 ...	...	...	...	...	5 7 ...	123 4 ...	6-42	...	Quetta.	
Battalion 107th Mahratta Light Infantry.	678	614	27	Admitted Died Invalided	181 1 ...	2 ...	...	...	65 4 ...	...	...	...	3 3 ...	1 1 ...	20 1 ...	1 14 ...	...	...	...	...	...	12 35 ...	688 4 ...	28-77	...	Jhansi.	
107th Mahratta Light Infantry.	625	296	18	Admitted Died Invalided	12 2 ...	1 ...	...	...	72 3 ...	...	...	...	1 1 ...	1 2 ...	27 2 ...	7 1 ...	14 ...	...	...	...	...	14 36 ...	332 8 ...	11-16	...	Aurangabad.	

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

# INDIAN TROOPS, 1919.

## TABLE XXIV—continued.

### STATISTICS OF REGIMENTS.

#### A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Flague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Occurrence during the year.		
300	1st Battalion 109th Infantry.	(a) 279	490	6	Admitted Died Invalided	...	...	...	...	1	6	7	3	1	1	41	2	14	...	...	...	12	19	566	26.76	16	Bar	19	Ke	
301	2nd Battalion 109th Infantry.	834	714	16	Admitted Died Invalided	22	5	2	...	206	...	...	1	...	8	60	11	10	...	1	2	8	30	636	25.99	...	Pos	0	fre	
302	110th Mahratta Light Infantry.	576	542	...	Admitted Died Invalided	51	...	1	...	233	19	...	...	...	1	8	38	4	15	...	2	...	11	20	578	19.25	...	Pos	0	fre
303	111th Mahars	830	599	3	Admitted Died Invalided	4	...	1	...	20	...	...	...	...	1	10	11	4	1	...	...	...	3	66	288	16.18	...	Pos	0	fre
304	1st Battalion 112th Infantry.	1,543	512	9	Admitted Died Invalided	6	...	...	...	144	5	...	6	3	18	33	...	7	...	2	3	19	11	427	18.89	1	Nas	0	De	
305	2nd Battalion 112th Infantry.	817	455	19	Admitted Died Invalided	2	...	...	...	59	...	...	...	...	1	20	20	14	27	...	2	...	14	12	393	18.61	...	Bar	0	De
306	1st Battalion 113th Infantry.	547	537	20	Admitted Died Invalided	44	...	...	...	19	...	...	2	...	6	12	...	37	...	1	8	32	352	17.91	4	Ben	0	Ben		
307	2nd Battalion 113th Infantry.	(a) 525	601	42	Admitted Died Invalided	37	...	...	...	27	...	...	2	12	11	34	...	77	...	1	...	11	35	483	24.11	1	Ben	0	Ben	
308	114th Mahrattas	(a) 491	531	7	Admitted Died Invalided	...	...	...	1	7	...	...	2	1	5	17	...	13	...	...	...	2	22	219	10.54	...	Belg	0	De	
309	1st Battalion 116th Mahrattas.	(a) 422	619	4	Admitted Died Invalided	...	...	...	...	23	...	...	7	3	6	21	...	11	...	...	...	3	53	248	17.46	...	Belg	0	De	
310	2nd Battalion 116th Mahrattas.	760	304	5	Admitted Died Invalided	51	...	...	...	85	...	...	1	...	29	3	5	...	...	...	...	1	22	314	10.32	...	Bar	0	fre	
311	1st Battalion 117th Mahrattas.	(a) 365	445	11	Admitted Died Invalided	...	...	...	1	6	...	...	...	...	3	33	...	5	...	...	...	5	48	365	21.94	...	Belg	0	Belg	
312	2nd Battalion 117th Mahrattas.	1,385	744	4	Admitted Died Invalided	4	...	1	...	85	...	...	2	1	4	30	32	16	...	...	...	5	77	468	25.27	...	Mul	0	No	
313	1st Battalion 119th Infantry (the Multan Regiment).	638	556	10	Admitted Died Invalided	10	...	...	...	48	...	...	6	3	7	41	6	59	...	1	1	14	80	480	26.07	...	Bar	0	fre	
314	2nd Battalion 119th Infantry (the Multan Regiment.)	953	441	28	Admitted Died Invalided	2	...	...	...	11	...	...	1	17	16	...	1	...	...	...	...	10	4	137	9.10	...	Quar	0	Seg	
315	120th Rajputana Infantry.	904	650	27	Admitted Died Invalided	384	2	...	...	108	...	...	1	5	8	45	...	3	...	1	3	11	51	795	28.79	...	Dees	0	Dees	

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps and its detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, or invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
1st Pioneer	661	645	37	Admitted Died Invalided	...	...	1	...	15	...	1	...	2	5	9	59	11	4	...	...	...	11	29	369	13'17	...	Kirkee, December 1919 from Meerut.
Battalion and Rajputana Infantry.	1,689	444	15	Admitted Died Invalided	8	...	...	...	44	...	...	...	3	6	5	65	6	69	...	1	10	15	31	435	24'35	...	Ahmednagar.
Battalion Outram's Bles.	781	544	16	Admitted Died Invalided	12	...	...	3	80	...	...	...	...	6	16	26	3	4	...	...	...	7	15	444	26'46	...	Mhow.
Battalion Outram's Bles.	1,092	711	24	Admitted Died Invalided	3	3	3	...	85	70	...	...	1	6	72	3	9	...	...	3	1	17	13	756	25'02	...	Nowshera, Detachment at Agra.
Battalion Duchess Connaught's in Baluchistan Infantry.	1,687	576	5	Admitted Died Invalided	5	...	1	...	108	49	...	...	2	3	30	34	...	...	...	...	...	9	34	555	33'14	...	Lahore.
Battalion Duchess Connaught's in Baluchistan Infantry.	(a) 368	371	17	Admitted Died Invalided	...	...	...	...	21	...	...	...	...	1	7	23	1	...	...	5	...	31	...	151	10'21	...	Multan.
Battalion Duchess Connaught's in Baluchistan Infantry.	1,295	451	27	Admitted Died Invalided	30	...	1	1	87	...	...	...	5	3	7	18	4	5	...	2	3	21	24	348	20'09	...	Quetta, Detachment at Hyderabad.
Battalion Napier's Bles.	997	599	21	Admitted Died Invalided	...	...	1	...	227	...	...	...	6	6	10	55	6	19	...	...	...	18	21	672	26'36	...	Rajkot.
Battalion Napier's Bles.	1,072	468	11	Admitted Died Invalided	...	...	1	...	36	...	...	...	1	...	6	26	15	60	1	...	...	8	33	333	12'76	...	Poona March 1919, from Anandi.
Battalion Baluchistan Infantry.	652	579	7	Admitted Died Invalided	3	...	...	...	57	1	...	...	3	3	16	1	1	...	...	...	...	12	40	291	24'45	...	Hyderabad, January 1919 from Karachi.
Battalion 127th Queen Mary's Own Baluchistan Infantry.	(a) 630	642	12	Admitted Died Invalided	...	...	...	...	84	...	...	...	...	4	2	93	1	1	...	9	...	5	22	310	14'35	...	Multan.

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

TABLE XXIV—*contd.*

STATISTICS OF REGIMENTS.

A.—*Sickness and Mortality.*

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.
327	20d Battalion 127th Queen Mary's Own Baluch Light Infantry.	(a) 579	753	11	Admitted Died Invalided	9 1 1	...	...	...	23	...	...	...	1	2	7	64	4	20	...	2	8	49	619	25'03	...	Kara ven from gza
328	1st Battalion 128th Pioneers	579	488	30	Admitted Died Invalided	...	1	...	...	9	...	...	2	3	6	50	9	2	...	...	4	37	398	10'38	...	Meeru	
329	2nd Battalion 128th Pioneers.	921	5,61	7	Admitted Died Invalided	...	...	...	...	11	...	3	1	1	21	2	15	...	...	8	25	295	12'73	...	Arany		
330	1st Battalion 129th Duke of Connaughts Own Baluchis.	642	560	7	Admitted Died Invalided	22 3	...	...	...	52	...	...	...	6	9	7	2	2	...	7	11	188	6'84	...	Fort ma 191 Qu		
331	2nd Battalion 129th Duke of Connaughts Own Baluchis.	856	533	10	Admitted Died Invalided	36 10	...	...	...	112	...	3	1	6	40	41	7	...	2	8	22	543	22'50	1	Quett ber Kaz		
332	1st Battalion 130th King Geor- ges Own Baluchis (Jacobs Rifles).	582	551	16	Admitted Died Invalided	...	2	...	...	71	...	1	6	5	8	32	...	6	...	11	11	461	32'36	...	Jheli		
333	2nd Battalion 130th King Geor- ges Own Baluchis (Jacobs Rifles).	(a) 252	279	...	Admitted Died Invalided	12 5	...	...	...	56	...	...	...	1	2	30	13	5	...	1	24	237	13'68	...	Kara		
334	1st Battalion 131st United Provinces Regi- ment.	266	259	1	Admitted Died Invalided	...	...	...	...	3	...	3	1	...	38	15	...	...	...	3	21	182	10'91	...	Mora Sep 191 Ba		
335	2nd Battalion 131st United Provinces Regi- ment.	339	339	1	Admitted Died Invalided	...	2	...	...	...	...	2	6	10	3	2	...	...	...	1	17	179	7'47	...	Bare ban 25th 191		
336	133rd Regiment.	238	238	...	Admitted Died Invalided	9 1	...	...	...	50	...	2	...	2	8	...	20	...	...	1	1	175	3'96	...	Nath Died on 31 191		
337	140th Patiala Infantry.	155	152	...	Admitted Died Invalided	8 1	...	...	...	5	...	...	...	2	14	...	...	...	...	6	75	4'17	...	Patia ban Apr			
338	141st Bikaner In- fantry.	584	92	1	Admitted Died Invalided	...	...	...	...	1	...	...	...	1	7	...	1	...	1	...	5	73	4'78	...	Bikan ban 30th 191		
339	142nd Jodhpur In- fantry.	647	104	...	Admitted Died Invalided	...	1	...	...	8	...	...	...	10	...	1	...	2	...	2	37	1'85	...	Jodhp ban 30th 191			
340	143rd Narsing In- fantry.	101	101	...	Admitted Died Invalided	1 1	...	...	...	3	...	...	...	3	3	...	1	...	...	6	63	3'34	...	Dhol ban 15th 191			
341	144th Infantry.	201	201	5	Admitted Died Invalided	...	...	...	...	2	...	...	...	9	4	...	...	...	...	1	3	47	1'63	...	Bhar 1-15 on 1 Ma		
342	1st Battalion 150th Indian Infantry.	(a) 234	389	10	Admitted Died Invalided	3 1 1	...	...	...	33	...	...	...	4	19	3	32	1	...	2	12	223	3 11'25	...	Mutt ven fice		

(a) The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Elastic Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
1st Battalion, 10th Indian Infantry.	806	268	12	Admitted Died Invalided	2 1 ...	...	...	...	15 ...	...	...	...	1 ...	1 ...	6 2 ...	12 ...	3 ...	3 ...	...	...	...	...	4 10 173	13'50	...	Rawalpindi, May 1919 from Chaklala.	
1st Battalion, 10th Indian Infantry.	935	403	9	Admitted Died Invalided	6 4 ...	...	...	...	4 1 ...	...	...	...	...	1 ...	6 3 ...	7 ...	...	...	...	...	...	...	5 103 8	1'13	...	Lahore, October 1919.	
1st Battalion, 11th Sikh Infantry.	910	386	16	Admitted Died Invalided	...	...	2 ...	...	119 ...	...	...	...	5 ...	3 1 ...	10 4 ...	26 1 ...	3 ...	10 ...	...	...	...	4 7 27	414 6 10	18'22	...	Manmad, October 1919 from Pareilly Chaklala and Burhan.	
1st Battalion, 11th Indian Infantry.	1,280	939	10	Admitted Died Invalided	...	1 ...	...	...	330 ...	4 ...	...	...	2 ...	3 1 ...	16 6 ...	47 2 ...	21 ...	9 ...	...	...	...	17 16 835	30'93	...	Kohat, October 1919 from Thal and Hangu detachment at Jullundur.		
1st Battalion, 11th Punjabis.	840	691	16	Admitted Died Invalided	1 ...	2 ...	...	...	71 ...	...	...	...	...	3 1 ...	2 3 ...	32 3 ...	7 ...	18 ...	...	1 ...	...	10 17 301	11'59	...	Poona, May 1919 from Chaklala and Dhond.		
1st Battalion, 12nd Punjabis.	1,220	460	13	Admitted Died Invalided	3 ...	...	...	...	76 17	2 ...	...	...	5 4	1 1	13 1	41 2	15 ...	7 ...	...	...	1 ...	7 5 8	59 41	22'16	...	Kohat, September 1919 from Anandi.	
1st Battalion, 12nd Punjabis.	895	517	13	Admitted Died Invalided	1 ...	...	...	2 1	39 2	...	...	...	3 3	1 1	...	17 ...	7 ...	16 ...	1 ...	1 ...	...	7 5 3	36 35	254 2 35	9'19	...	Poona, June 1919 from Anandi.
1st Battalion, 12nd Punjabis.	859	769	13	Admitted Died Invalided	12 ...	...	...	...	16 4	...	...	...	15 10	4 3	4 ...	42 1	4 2	11 ...	...	1 ...	7 ...	10 3	37 60	427 6 60	18'31	...	Shahjahanpur, October 1919 from Anandi.
1st Battalion, 13rd Punjabis.	863	469	3	Admitted Died Invalided	20 2 ...	...	...	...	29 4	...	...	...	3 2	1 ...	6 ...	25 1	6 ...	8 ...	...	1 ...	1 ...	6 2 1	24 37	290 3 37	16'02	...	Fort Sandeman, October 1919 from Anand Detachment at Ahmednagar.
1st Battalion, 13rd Punjabis.	1,053	308	4	Admitted Died Invalided	13 1 ...	...	...	...	74 ...	...	...	...	1 1	1 ...	6 1	19 1	5 ...	7 ...	...	...	...	6 ...	36 3	373 3 21	17'03	...	Karachi, October 1919.
1st Battalion, 13rd Rifles.	494	452	18	Admitted Died Invalided	1 ...	...	...	...	18 1	...	...	...	7 7	3 ...	1 ...	27 1	3 2	14 ...	...	1 ...	5 ...	2 3	41 11	207 6 41	16'41	...	Ahmednagar, June 1919 from Anandi.
1st Battalion, 14th Indian Infantry.	293	167	3	Admitted Died Invalided	...	...	...	...	23 ...	...	1 ...	...	...	...	3 2	4 ...	2 ...	...	...	...	...	...	...	119 2	10'10	...	Dera Ismail Khan and Tank.
1st Battalion, 14th Indian Infantry.	1,291	711	26	Admitted Died Invalided	4 ...	...	...	...	91 1	...	...	...	1 3	8 5	3 ...	39 4	7 ...	24 ...	...	2 ...	...	11 1	14 14	474 8 14	23'30	...	Poona, August 1919 from Anandi.
1st Battalion, 14th Indian Infantry.	239	230	11	Admitted Died Invalided	68 3 ...	1 ...	...	...	1 ...	...	...	...	...	...	1 ...	5 ...	16 ...	8 ...	...	...	...	2 ...	1 ...	178 5	14'76	...	Muttra.
1st Battalion, 15th Indian Infantry.	559	442	23	Admitted Died Invalided	19 1 ...	...	...	...	58 ...	...	...	...	...	2 1	1 ...	18 ...	8 ...	83 ...	...	1 ...	...	9 ...	25 3	406 3 4	18'56	...	Muttra.
1st Battalion, 15th Indian Infantry.	400	348	1	Admitted Died Invalided	52 23 ...	...	...	...	26 ...	...	...	...	...	...	9 2	24 ...	...	19 ...	...	...	...	4 ...	12 27	276 27	18'85	...	Cannanore March 1919 from Karachi

TABLE XXIV—*contd.*

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial Number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Euteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	
359	1st Battalion, 1st King George's Own Gurkha Rifles. (The Malaun Regiment.)	642	4'5	5	Admitted Died Invalided	...	...	...	...	59	25	...	...	3	1	6	18	7	3	...	...	...	8	14	239	14'50	...	Dhar Det at
360	2nd Battalion, 1st King George's Own Gurkha Rifles. (The Malaun Regiment.)	1,005	508	2	Admitted Died Invalided	1	1	...	...	92	18	...	...	1	1	13	1	11	...	...	...	1	9	7	297	12'40	...	Dhar Det at
361	3rd Battalion, 1st King George's Own Gurkha Rifles. (The Malaun Regiment.)	782	419	9	Admitted Died Invalided	15	1	...	...	123	1	...	...	3	1	22	...	8	2	...	...	...	2	3	256	8'62	...	Quett Det at Sas and bas
362	1st Battalion, 2nd King Edward's Own Gurkha Rifles. (The Sirmoor Rifles.)	1,021	614	13	Admitted Died Invalided	2	...	...	...	50	1	...	...	4	3	9	37	4	9	...	...	...	6	26	393	23'07	3	Dhar Det at
363	2nd Battalion, 2nd King Edward's Own Gurkha Rifles. (The Sirmoor Rifles.)	1,534	692	27	Admitted Died Invalided	2	1	1	1	350	...	3	...	1	7	12	59	10	10	...	1	...	64	23	874	49'97	1	Dehra tach Deb Kha Kar Hyt Pesha tach Che Jam
364	3rd Battalion, 2nd King Edward's Own Gurkha Rifles. (The Sirmoor Rifles.)	726	489	5	Admitted Died Invalided	115	6	...	...	553	66	1	...	1	2	12	68	3	16	...	...	...	17	2	1,139	3'89	...	Almo
365	1st Battalion, 3rd Queen Alexandra's Own Gurkha Rifles.	642	580	1	Admitted Died Invalided	39	2	...	...	143	...	...	...	2	6	14	3	1	...	...	...	3	36	387	18'42	...	Almo	
366	2nd Battalion, 3rd Queen Alexandra's Own Gurkha Rifles.	1,695	1,442	23	Admitted Died Invalided	4	...	...	...	346	3	1	...	1	9	9	66	1	17	...	2	2	4	77	771	46'14	...	Lans Det at haty
367	4th Battalion, 3rd Queen Alexandra's Own Gurkha Rifles.	881	543	...	Admitted Died Invalided	3	...	...	...	45	...	...	...	6	2	32	...	7	...	...	...	6	3	215	13'41	...	Abbot Oct 1919 Kak New	
368	1st Battalion, 4th Gurkha Rifles.	389	325	4	Admitted Died Invalided	11	...	...	...	28	...	...	...	3	1	3	...	1	...	...	...	...	...	15	47	4'93	...	Quett
369	2nd Battalion, 4th Gurkha Rifles.	780	497	2	Admitted Died Invalided	1	1	1	...	49	...	...	...	...	3	19	...	1	...	...	...	...	5	17	201	13'25	...	Bakle
370	1st Battalion, 5th Gurkha Rifles (Frontier Force).	1,243	752	20	Admitted Died Invalided	20	2	...	...	164	53	4	...	6	6	6	74	...	7	...	3	...	6	26	591	37'05	...	Abbot Det at and pere
371	2nd Battalion, 5th Gurkha Rifles (Frontier Force).	1,303	846	7	Admitted Died Invalided	9	3	...	...	147	3	38	...	1	9	7	55	...	13	...	...	...	16	53	677	45'10	...	Abbot Det at Rav and Mand
372	3rd Battalion, 5th Gurkha Rifles (Frontier Force).	1,088	528	7	Admitted Died Invalided	17	3	...	...	226	...	...	...	4	1	12	31	...	15	...	...	...	3	6	430	20'73	...	Pesh 1919 tach Kal Cha Can

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anemia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
1st Battalion, Gurkha Rifles.	742	595	3	Admitted Died Invalided	5 1 ...	...	...	...	46	...	4	1	1	6	20	1	3	...	...	...	...	5	10	374	17'11	...	Abbottabad.	
2nd Battalion, Gurkha Rifles.	688	555	1	Admitted Died Invalided	7 3 ...	...	...	...	28	...	2	2	1	3	62	...	3	...	...	...	...	4	6	235	18'80	...	Abbottabad.	
3rd Battalion, Gurkha Rifles.	935	369	5	Admitted Died Invalided	4 1 1	...	...	...	75	2	...	...	3	7	17	2	22	...	...	...	...	3	3	312	13'51	...	Kakul from Bannu.	
4th Battalion, Gurkha Rifles.	872	465	5	Admitted Died Invalided	3 ...	...	...	...	130	...	...	2	1	6	46	1	7	...	1	...	...	17	16	381	26'01	...	Bakloh, Detachment at Ghoom.	
5th Battalion, Gurkha Rifles.	1,340	800	24	Admitted Died Invalided	...	1	...	1	273	2	54	4	9	17	89	6	13	...	...	...	...	31	32	818	4 1'30	...	Delhi, November 1919, from Dehra Dun, Detachment at Ghoom.	
6th Battalion, Gurkha Rifles.	830	461	7	Admitted Died Invalided	17 2	5	2	...	135	...	...	1	1	1	22	5	14	...	1	...	...	4	13	223	18'99	3	Chyman, September 1919 from Quetta, Detachment at Ghoom.	
7th Battalion, Gurkha Rifles.	(a) 339	461	4	Admitted Died Invalided	...	...	...	2	99	...	...	3	2	8	40	1	7	...	...	...	...	17	46	430	21'69	...	Shillong July 1919 from Sitapur.	
8th Battalion, Gurkha Rifles.	434	379	6	Admitted Died Invalided	4 ...	...	...	1	215	1	...	...	5	3	45	...	5	...	...	...	...	3	14	420	21'02	...	Lansdowne, Detachments at Alimasjid and Landikotal.	
9th Battalion, Gurkha Rifles.	1,215	671	6	Admitted Died Invalided	94 9	7	...	...	677	56	...	1	2	5	88	8	4	...	1	...	...	23	11	1,375	15'06	...	Hangu and Fort Lockhart Detachment at Fort Cavagnary.	
10th Battalion, Gurkha Rifles.	1,032	475	12	Admitted Died Invalided	53 2	2	...	...	386	202	...	5	3	3	52	3	18	...	...	...	...	20	11	922	34'55	...	Peshawar, April 1919, from Dehra Dun.	

The decrease in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of the year.

# INDIAN TROOPS, 1919.

## TABLE XXIV—continued.

### STATISTICS OF REGIMENTS.

#### A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial Number.	Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Securvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average Number constantly sick.	Died, absent, Invalided on account of old age.	See notes and men's the y dates patie
383	2nd Battalion, 9th Gurkha Rifles.	919	847	19	Admitted Died Invalided	...	...	...	...	113	1	...	...	4	5	11	72	5	1	...	...	...	12	57	530	39'53	2	Dehr
384	3rd Battalion, 9th Gurkha Rifles.	953	531	18	Admitted Died Invalided	3	...	...	...	170	21	12	...	3	1	14	52	5	10	...	...	...	7	10	557	23'07	...	Dehra Jun from Det at Chir
385	1st Battalion, 10th Gurkha Rifles.	2,303	630	1	Admitted Died Invalided	53	...	...	...	225	...	2	1	3	2	4	67	2	24	...	1	...	10	36	746	30'11	...	Bham Dec 1911 May Det at C
386	2nd Battalion, 10th Gurkha Rifles.	1,229	413	12	Admitted Died Invalided	3	...	1	...	63	...	...	...	16	3	3	18	1	6	...	...	...	1	11	206	7'41	...	Quett Sept 1919 Ch Det at G and
387	1st Battalion, 11th Gurkha Rifles.	1,003	539	2	Admitted Died Invalided	9	...	...	...	130	38	...	...	1	3	7	46	5	15	...	...	...	7	12	446	18'66	...	Nowd
388	2nd Battalion, 11th Gurkha Rifles.	1,022	498	14	Admitted Died Invalided	11	...	2	...	213	85	4	...	1	5	9	65	3	24	...	...	...	10	18	674	28'90	...	Nowd Det at G
389	3rd Battalion, 11th Gurkha Rifles.	867	422	11	Admitted Died Invalided	17	...	...	...	75	1	...	...	3	4	8	46	5	7	...	1	...	6	23	333	22'65	...	Abbot Dec 1919 Kak Chal
390	4th Battalion, 11th Gurkha Rifles.	936	583	11	Admitted Died Invalided	54	...	...	...	207	...	3	...	2	2	5	23	...	34	...	...	...	2	58	538	20'23	...	Shahj Mar from Lansd
391	Resident's Escort (Nepal).	80	49	...	Admitted Died Invalided	...	1	...	...	29	...	...	...	...	...	...	1	8	...	1	...	...	1	...	53	1'53	...	Kath
392	Burma, Mounted Rifles.	214	79	3	Admitted Died Invalided	...	...	...	...	15	16	...	...	...	3	2	17	...	...	1	1	...	2	6	76	3'71	...	Feroz Amr Mult Gho
393	Indian Garrison Companies.	1,161	903	10	Admitted Died Invalided	2	...	2	...	156	1	...	...	...	1	6	63	5	24	...	2	1	16	38	790	35'66	...	Camp Amr Rajk Now

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Euteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.
mana Transport Corps.	39	34	...	Admitted Died Invalided	2 1 ...	1 1 ...	...	...	5	...	...	...	...	...	3	...	1	...	...	...	...	...	...	15	0'49	...	Fort Lockhart Detachment at Hangu.
h Mule Corps .	263	252	6	Admitted Died Invalided	1 ...	...	...	19	...	...	...	...	...	...	1	3	4	3	...	...	...	...	11	108	8'15	...	Quetta.
h Mule Corps .	96	93	...	Admitted Died Invalided	12 1 ...	...	...	48	2	...	...	...	...	...	1	12	1	...	...	...	...	2	...	106	1'66	...	Thal, Parachiner and Kacha Garhi.
h Mule Corps .	437	344	28	Admitted Died Invalided	32 2 ...	...	...	108	1	...	...	...	...	...	22	44	1	17	2	...	...	26	14	454	25'50	...	Mandaly, Maymro, Meiktila and Shebo.
h Mule Corps .	446	237	4	Admitted Died Invalided	...	1	...	21	6	...	...	1	1	3	15	1	4	...	...	...	...	5	2	151	8'50	...	Nowshera.
h Mule Corps .	541	314	7	Admitted Died Invalided	1 ...	...	...	70	2	...	...	...	...	1	12	25	7	4	...	...	...	4	7	206	11'25	...	Kohat Detachment Thal.
h Mule Corps .	499	263	9	Admitted Died Invalided	29 8 1	2	...	72	13	...	...	...	2	17	21	1	1	...	1	...	...	3	17	299	15'73	...	Peshawar.
Mule Corps .	426	251	7	Admitted Died Invalided	39 10 ...	1	...	58	6	...	...	...	...	3	6	21	1	6	...	...	...	3	2	223	12'30	...	Peshawar.
Mule Corps .	361	98	...	Admitted Died Invalided	1 ...	...	...	2	...	...	...	...	...	...	1	12	1	...	1	...	...	5	...	50	2'66	...	Abbottabad from Burhan.
Mule Corps .	553	324	15	Admitted Died Invalided	1 ...	...	...	79	1	...	...	...	...	...	19	31	13	8	...	...	...	3	7	234	10'13	...	Risalpur, Detachments at Nowshera and Dargai.
Mule Corps .	373	147	3	Admitted Died Invalided	13 ...	...	...	27	4	...	...	...	...	...	13	...	1	...	1	...	...	4	10	127	4'63	...	Abbottabad, Detachment at Kacha Garhi.
Mule Corps .	544	81	1	Admitted Died Invalided	...	...	...	4	1	...	...	...	...	4	1	1	2	...	...	...	...	1	...	35	1'82	...	Bannu.
Mule Corps .	151	151	...	Admitted Died Invalided	6 ...	1	...	14	...	...	...	...	...	...	6	...	...	...	...	...	...	1	17	89	5'92	...	Jhansi.
Mule Corps .	108	108	...	Admitted Died Invalided	8 1 ...	...	...	86	...	...	...	1	...	1	16	...	3	...	...	...	...	18	3	252	0'23	...	Ali Masjid.

TABLE XXIV—continued.

STATISTICS OF REGIMENTS.

A.—Sickness and Mortality.

Actuals.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Serial Number.	Corps and its Detachments.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Elastic Fever.	Malaria.	Sundfly Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anæmia and Debility.	Veneral Diseases.	All Causes.	Average number constantly sick.	Died, absent. Invalided on account of old age.	
408	54th Mule Corps .	136	119	4	Admitted Died Invalided	15 2 ...	...	...	2	13	...	...	...	...	...	4	12	...	...	...	...	...	...	...	...	70	2'13	...
409	58th Mule Corps .	(a) 55	74	...	Admitted Died Invalided	16 2 ...	...	...	...	18	...	...	...	...	...	...	6	...	...	...	...	...	...	3	...	58	0'61	...
410	60th Mule Corps .	286	40	...	Admitted Died Invalided	44 17 ...	...	...	...	14	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	64	2'33	...
411	61st Mule Corps .	383	246	1	Admitted Died Invalided	7 1 ...	1	...	...	21	9	...	...	...	...	3	16	...	7	...	...	...	1	9	128	3'39	...	
412	65th Mule Corps	317	317	8	Admitted Died Invalided	6 ... ...	...	...	...	8	...	...	...	...	1	...	7	...	2	...	2	11	21	155	9'27	...		
413	67th Mule Corps .	56	50	...	Admitted Died Invalided	3 ... ...	...	...	...	7	1	...	2	...	3	13	12	...	6	...	...	...	6	4	77	1'26	...	
414	68th Mule Corps	243	188	4	Admitted Died Invalided	46 14 ...	...	...	1	13	...	...	...	...	1	...	11	7	4	...	1	...	4	29	184	11'53	...	
415	69th Mule Corps .	(a) 453	469	24	Admitted Died Invalided	... ... ...	...	...	...	82	13	...	1	1	6	51	12	18	...	1	...	11	81	554	29'30	...		
416	54th Draught Pony Corps.	390	25	...	Admitted Died Invalided	1 ... ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	10	1'87	...	
417	55th Pack Pony Corps.	341	304	12	Admitted Died Invalided	41 6 1	2	1	...	35	...	...	1	1	6	7	3	4	...	1	...	4	31	213	10'71	...		
418	56th Draught Pony Corps.	212	196	2	Admitted Died Invalided	5 2 ...	...	...	...	20	...	...	...	...	2	4	27	1	1	...	...	...	6	4	125	4'97	...	
419	57th Draught Pony Corps.	620	330	15	Admitted Died Invalided	5 ... ...	...	...	...	53	1	...	...	...	1	17	50	1	12	...	...	...	5	8	367	26'80	...	
420	58th Draught Pony Corps.	25	25	1	Admitted Died Invalided	... ... ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	8	0'48	...	
421	59th Pony Corps .	358	63	4	Admitted Died Invalided	... 1 ...	...	...	...	24	10	...	2	1	2	18	...	...	...	...	...	...	6	10	160	5'34	...	
422	63rd Pony Corps .	204	48	...	Admitted Died Invalided	25 12 ...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	1'36	...	
423	66th Pony Corps .	301	112	1	Admitted Died Invalided	... ... ...	8	...	...	6	...	...	...	2	1	1	9	3	...	...	...	...	1	25	131	6'52	...	
424	71st Pack Mule Corps.	96	96	6	Admitted Died Invalided	16 1 ...	1	...	...	5	2	...	...	...	...	3	8	...	...	...	...	...	5	15	117	5'89	...	

(a) The decreased in enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements at the end of

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Corps.	Number borne on the rolls.	Average strength present.	Sent on sick leave.	Classification.	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Plague.	Circulatory Diseases.	Tubercle of the Lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Hepatic Congestion and Inflammation.	Scurvy.	Anaemia and Debility.	Veneral Diseases.	All causes.	Average number constantly sick.	Died, absent, Invalided on account of old age.	Stations occupied by regiments and detachments during the year with dates of occupation. Last move.	
Pack Mule	50	90	10	Admitted Died Invalided	19 5	1			12					1	5	6								12	133	6	5'08	Lahore.
S. D. Pony	405	347	7	Admitted Died Invalided			1		34					1	1	6	20	2					7	9	157	5	10'43	Jullundur.
S. Camel	28	2		Admitted Died Invalided																								Nowshera
S. Camel	28	5		Admitted Died Invalided																								Nowshera.
Camel Corps	(a) 39	110		Admitted Died Invalided																					1		0'01	Sargodha.
G. Camel	235	19		Admitted Died Invalided	1				2								1	1							6	1	0'25	Loralai.
Camel Corps	185	14		Admitted Died Invalided	4																				9		0'51	Loralai.
Government I Corps.	90	7		Admitted Died Invalided	8				3																14	1	0'30	Loralai.
1. Mule	(a) 2,002	2,068	91	Admitted Died Invalided	18 4	2 2	4		180	3			11	16	51	187	8	78		4		49	172	1,685	40	153'26	Sialkot.	
2. Mule	1,953	1,790	56	Admitted Died Invalided	44 2	1			168		4		8	11	49	90	7	11	1	2		64	275	1,442	25	103'57	Amritsar.	
3. Mule	2,449	2,228	62	Admitted Died Invalided	1 1	11			82				6	11	46	326	71	14				32	413	2,384	26	133'37	Meerut.	
4. Mule	(a) 445	680	4	Admitted Died Invalided	24 2		2	79					1	5	7	34	46	10				8	46	580	12	36'71	Karachi.	
and Trans- Details.	4,762	4,914	91	Admitted Died Invalided	110 18		5	3	467	35	2	12	16	31	195	83	171		3		54	373	3,391	55	190'18	Muttra, Meerut, Neemuch, Sehore, etc. etc.		
Corps	(a) 11,558	13,747	447	Admitted Died Invalided	610 103	11 3	23 1	4	3,334	4,38	132	2	82	99	259	886	290	522	1	10	7	235	1,674	15,570	333	1,047'50		
on the of March.		495		Admitted Died Invalided	2		2		43		4		1		6	6		2	8			6	9	191		2'43		
MMARY																												
rn Army.	24,029	129,213	5,715	Admitted Died Invalided	2,761 207	80 47	158	53	21,334	3,038	302	14	503	558	2,091	8,224	1,137	2,638	14	138	31	2,624	7,213	102,115	5	5,323	30	
rn Army	132,629	97,770	2,542	Admitted Died Invalided	5,088 337	51 30	203	43	12028	43	215	17	476	351	918	4,735	1,245	2,675	6	97	11	1,831	1,664	73,287	6	3,824	20	
India not Indian Com- March	2,097	1,753	9	Admitted Died Invalided	114 1	1		5	54		18		9	10	9	73	20	15		1		43	75	750	11	42		
India	(b) 319,655	229,731	6,267	Admitted Died Invalided	2,965 605	134 77	3,012	101	33,459	1,081	539	31	980	919	3,018	13,018	3,404	4,736	20	236	141	4,504	1,495	116,313	14	9,191	50	

decrease in the enrolled strength as compared with the average strength present is due to drafts proceeding overseas as reinforcements or on leave at the end of the year.  
enrolled strength is included in the figures shown against various units.

# INDIAN TROOPS, 1919.

## TABLE XXIVA.

*Race composition, and location of detachments.*

Serial number.	Corps and its detachments.	Race composition.											TOTAL			
		Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Gachwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Panjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.		TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.
1	Governor-General's Body Guard, at Dehra Dun . . . . .	...	65	...	...	...	65	...	53	...	9	62	...	...	...	127
2	Governor's Body Guard, Bengal, at Alipore . . . . .	33	...	...	...	...	32	...	35	...	...	35	...	...	...	67
3	Ditto ditto Bombay . . . . .	...	32	...	...	...	2	34	...	35	...	1	36	...	...	70
4	Ditto ditto Madras . . . . .	9	...	...	...	...	5	14	...	...	...	49	49	...	...	63
5	1st Duke of York's Own Lancers (Skinner's Horse), Delhi . . . . .	5	...	...	...	...	6	11	...	102	...	771	873	1	...	885
6	Depôt 2nd Lancers (Gardner's Horse), Allahabad . . . . .	75	104	...	...	...	172	351	...	...	...	133	133	...	...	484
7	3rd Skinner's Horse, Sibi . . . . .	195	201	2	...	...	192	590	...	4	...	208	212	...	...	803
8	4th Cavalry, Jamrud . . . . .	...	200	...	...	...	179	379	...	...	...	357	357	...	...	736
9	5th Cavalry, Lucknow . . . . .	135	...	...	...	...	133	268	...	...	...	245	245	...	...	513
10	6th King Edward's Own Cavalry, Sialkot . . . . .	...	165	...	...	...	103	268	...	24	...	85	109	...	...	377
11	7th Harriana Lancers, Secunderabad . . . . .	72	173	147	...	168	21	581	...	...	217	27	244	...	...	835
12	8th Cavalry, Secunderabad, with 25 men detached at Deotali . . . . .	231	7	...	...	...	262	500	...	114	296	53	463	...	...	963
13	9th Hodson's Horse, Ambala . . . . .	...	155	41	...	...	8	204	...	149	52	1	202	...	...	406
14	10th Duke of Cambridge's Own Lancers (Hodson's Horse), Multan . . . . .	...	138	91	...	...	...	229	...	91	45	10	146	...	...	375
15	11th King Edward's Own Lancers (Probyn's Horse), Jullundur . . . . .	...	257	152	...	...	...	409	...	120	50	...	170	...	...	579
16	12th Cavalry, Meerut . . . . .	...	446	286	...	...	...	732	...	220	...	...	220	...	...	952
17	13th Duke of Connaught's Lancers (Watson's Horse), Kohat, with 19 men detached at Thal . . . . .	...	185	193	...	...	13	395	...	373	2	11	386	...	...	781
18	14th Murray's Jat Lancers, Sialkot . . . . .	...	1	...	...	...	817	818	...	1	...	22	23	...	...	841
19	15th Lancers (Cureton's Multanis), Bareilly . . . . .	...	...	...	...	...	459	459	...	306	...	2	310	...	...	766
20	16th Cavalry, Risalpur . . . . .	...	403	252	...	...	246	901	...	5	...	...	5	...	...	906
21	17th Cavalry, Lahore . . . . .	...	2	...	...	...	8	10	...	540	294	9	843	...	...	852
22	18th King George's Own Lancers, Sialkot . . . . .	...	59	...	...	...	14	73	...	278	...	9	287	...	...	366
23	19th Lancers (Fane's Horse), Delhi . . . . .	...	125	71	4	...	...	200	...	131	108	4	243	...	...	446
24	20th Deccan Horse, Neemuch . . . . .	69	88	...	...	...	108	265	...	...	...	151	151	1	...	415
25	Depôt 21st Prince Albert Victor's Own Cavalry (Frontier Force) Daly's Horse, Rawalpindi . . . . .	...	88	36	...	...	...	124	...	9	77	66	152	...	...	277
26	22nd Sam Browne's Cavalry (Frontier Force), Jhelum . . . . .	91	111	...	...	...	...	202	...	80	58	54	192	...	...	397
27	23rd Cavalry (Frontier Force), Meerut . . . . .	...	330	117	...	...	...	447	...	128	121	242	491	...	...	938
28	25th Cavalry (Frontier Force), Loralai . . . . .	...	168	168	...	...	...	336	25	168	84	84	361	...	...	693
29	26th King George's Own Light Cavalry, Jhansi . . . . .	259	...	...	...	...	435	694	...	245	...	...	245	16	...	955
30	Depôt 27th Light Cavalry, Jhansi . . . . .	50	...	...	...	...	227	277	...	74	...	68	142	7	...	478
31	Depôt 28th Light Cavalry, Lucknow . . . . .	94	...	...	...	...	86	180	...	96	...	127	223	4	...	490

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Garhwals.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	TOTAL.*
29th Lancers (Deccan Horse), with 72 men detached at Deolali, Maamad . . . . .	14	37	...	...	...	243	294	...	...	...	122	122	...	...	...	416
30th Lancers (Gordon's Horse), Bangalore . . . . .	...	315	...	...	...	68	383	...	...	28	112	140	1	...	...	524
31st Duke of Connaught's Own Lancers, Bareilly . . . . .	...	120	...	...	...	206	326	...	20	102	35	157	...	...	...	483
32nd Lancers, Nasirabad . . . . .	127	128	...	...	...	...	255	...	...	...	256	256	...	...	...	511
33rd Queen Victoria's Own Light Cavalry, Risalpur . . . . .	...	164	...	...	...	179	343	...	1	...	338	339	3	...	...	695
Depôt 34th Prince Albert Victor's Own Poona Horse, Bangalore . . . . .	124	6	...	...	...	6	136	...	61	...	85	146	...	...	...	282
35th Scinde Horse, Jubbulpore . . . . .	...	228	...	...	...	7	235	...	385	210	9	604	...	...	...	839
36th Jacob's Horse, Jubbulpore . . . . .	...	137	...	...	...	2	139	...	278	42	68	388	1	...	...	528
37th Lancers, Ambala . . . . .	...	138	...	...	...	4	142	...	259	118	54	431	...	...	...	573
Depôt 38th King George's Own Central India Horse, Agar . . . . .	...	120	...	...	...	4	124	...	69	53	52	174	1	...	...	299
39th King George's Own Central India Horse, Gooena . . . . .	...	401	...	...	...	24	425	...	211	...	204	415	...	...	...	840
40th Cavalry Regiment, Sibi . . . . .	184	77	87	...	...	103	451	...	48	...	173	221	...	...	...	672
41st Cavalry Regiment, Sibi . . . . .	5	75	...	...	...	41	121	...	229	7	96	332	...	...	...	453
42nd Cavalry Regiment, Sibi . . . . .	...	216	44	...	...	...	260	...	...	93	181	274	...	...	...	534
Queen Victoria's Own Corps of Guides (Frontier Force), (Lumsden's Cavalry and Infantry), Mardan and Jullundur . . . . .	...	198	124	137	...	74	533	...	235	255	...	490	...	...	...	1,023
2nd Battalion, Queen Victoria's Own Corps of Guides (Frontier Force), (Lumsden's Cavalry and Infantry), Risalpur . . . . .	63	60	61	195	...	10	389	...	175	171	...	346	...	...	...	735
3rd Battalion, Queen Victoria's Own Corps of Guides (Frontier Force), (Lumsden's Cavalry and Infantry), Mardan . . . . .	...	61	51	200	...	49	362	...	202	141	...	343	...	...	...	705
21st Kohat Mountain Battery (Frontier Force), Abbottabad . . . . .	...	106	...	...	...	101	207	...	140	...	5	145	...	...	...	352
22nd Derajat Mountain Battery (Frontier Force), Nowshera . . . . .	...	141	3	...	...	3	147	...	187	...	4	191	...	...	...	338
23rd Peshawar Mountain Battery (Frontier Force), Thal and Drosh . . . . .	20	45	12	...	...	148	225	...	29	...	146	175	...	...	...	400
24th Hazara Mountain Battery (Frontier Force), Rawalpindi . . . . .	78	116	3	...	...	33	230	...	109	...	77	186	...	...	...	416
27th Mountain Battery, Rawalpindi . . . . .	3	103	20	...	...	10	136	...	206	...	...	206	...	...	...	342
28th Mountain Battery, Thal and Kohat . . . . .	...	91	42	...	...	11	144	...	148	...	34	182	...	...	...	326
30th Mountain Battery, Abbottabad . . . . .	...	189	...	...	...	167	356	...	211	...	...	211	...	...	...	567
Mountain Battery, Bannu and Dardoni . . . . .	...	96	12	...	...	80	188	...	250	...	56	306	...	...	...	494
38th Mountain Battery, Rawalpindi . . . . .	34	96	16	...	...	9	155	...	181	...	3	184	1	...	...	340
38th Mountain Battery, Quetta . . . . .	...	45	...	...	...	...	45	...	90	...	...	90	...	...	...	135

\* This total should agree with the total number borne on the roll of the regiment.

INDIAN TROOPS, 1919.

TABLE XXIVA—*contd.*

*Race composition, and location of detachments.*

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Garhwals.	Other Hindus.	TOTAL HINDUS.	Rohilas.	Punjabi Musalmans.	Trans-Jedus Pathians.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	Total
59	40th Mountain Battery, Dehra Dun . . .	14	23	...	...	...	...	37	...	32	...	...	32	...	...	...	69
60	41st Mountain Battery, Abbottabad . . .	...	78	...	...	...	67	145	...	125	...	...	125	...	...	...	270
61	42nd Mountain Battery, Ambala . . .	...	22	4	...	2	14	42	...	58	4	20	82	...	...	...	124
62	43rd Mountain Battery, Dehra Dun . . .	7	153	9	...	...	45	214	...	224	3	63	290	...	...	...	594
63	44th Mountain Battery, Dehra Dun . . .	1	18	...	...	1	25	45	...	84	...	3	87	...	...	...	132
64	45th Mountain Battery, Dinapore . . .	...	69	...	...	...	30	99	...	50	...	...	50	...	...	...	149
65	Indian Mountain Artillery Depôts at Ambala and Dehra Dun . . .	147	263	116	...	...	99	625	...	179	...	231	410	...	...	...	1,035
66	The Frontier Garrison Artillery, Kohat . . .	...	29	13	...	...	18	60	...	68	1	...	69	...	...	...	129
67	"M" Battery, Royal Horse Artillery, Risalpur . . .	...	...	...	...	...	...	...	...	20	...	...	20	...	...	...	20
68	"Q" Battery, Royal Horse Artillery, Risalpur . . .	...	4	...	...	...	123	127	...	36	...	36	72	...	...	...	199
69	"X" Battery, Royal Horse Artillery, Meerut . . .	...	...	...	...	...	10	10	...	17	...	6	23	...	...	...	33
70	"A" Ammunition Column, Royal Horse Artillery, Risalpur . . .	...	...	...	...	...	11	11	...	23	1	21	45	...	...	...	56
71	"B" Ammunition Column, Royal Horse Artillery, Meerut . . .	...	8	...	...	...	22	30	...	21	...	7	28	...	...	...	58
72	1089th Battery, Royal Field Artillery, Jubbulpore . . .	...	...	...	...	...	19	19	...	...	...	...	...	...	...	...	19
73	1097th Battery, Royal Field Artillery, Mhow . . .	4	...	...	...	...	36	40	...	4	...	1	5	...	...	...	45
74	1098th Battery, Royal Field Artillery, Kirkee . . .	...	...	...	...	...	7	7	...	2	...	5	7	...	...	...	14
75	1103rd Battery, Royal Field Artillery, Secunderabad . . .	6	1	...	...	1	52	60	...	3	1	8	12	...	...	...	72
76	1104th Battery, Royal Field Artillery, Meerut . . .	...	...	...	...	...	17	17	...	2	...	...	2	...	...	...	19
77	1107th Battery, Royal Field Artillery, Quetta and Hyderabad . . .	...	...	...	...	...	48	48	...	...	...	45	45	...	...	...	93
78	14th Brigade, Royal Field Artillery, Kacha Garhi . . .	...	2	...	...	...	...	2	...	3	...	...	3	...	...	...	5
79	4th Battery, Royal Field Artillery, Nowshera . . .	...	...	...	...	...	...	...	...	16	...	4	20	...	...	...	20
80	35th Battery, Royal Field Artillery, Karachi . . .	...	...	...	...	...	6	6	...	...	...	2	2	...	...	...	8
81	37th Battery, Royal Field Artillery, Nowshera . . .	2	...	...	...	...	20	22	...	...	...	23	23	...	...	...	45
82	38th Battery, Royal Field Artillery, Nowshera . . .	1	...	...	...	...	7	8	...	4	...	2	6	...	...	...	14
83	74th Battery, Royal Field Artillery, Ali Masjid . . .	...	3	...	...	...	10	13	...	3	...	2	5	...	...	...	18
84	80th Battery, Royal Field Artillery, Kacha Garhi . . .	...	1	...	...	...	1	2	...	3	...	1	4	...	...	...	6
85	90th Battery, Royal Field Artillery, Kacha Garhi . . .	...	4	...	...	...	12	16	...	3	...	1	4	...	...	...	20
86	101st Battery, Royal Field Artillery, Hyderabad . . .	...	...	...	...	...	9	9	...	...	...	8	8	...	...	...	17
87	102nd Battery, Royal Field Artillery, Quetta . . .	...	2	2	...	...	39	43	...	17	2	7	25	...	...	...	69
88	120th Battery, Royal Field Artillery, Nowshera . . .	...	...	...	...	...	5	5	...	...	...	20	20	...	...	...	25
89	No. 1 Ammunition Column, Royal Field Artillery, Nowshera . . .	5	31	...	...	...	48	84	...	54	...	66	120	...	...	...	204
90	No. 2 Ammunition Column, Royal Field Artillery, Kacha Garhi and Rawalpindi . . .	...	18	93	...	...	...	111	...	92	39	...	131	...	...	...	242
91	No. 4 Ammunition Column, Royal Field Artillery, Hyderabad . . .	...	...	...	...	...	63	63	...	...	...	70	70	...	...	...	133

\* This total should agree with the total number borne on the roll of the regiment.

TABLE  
LXXIX

Corps and its detachments.	TOTAL MUSALMANS.														TOTAL.*
	Rajputs.	Sikhs.	Dogra or other Hill Hindus.	Gurkhas.	Garhwals.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	Native Christians.	Burmans.	Jews.	
No. 12 Ammunition Column, Royal Field Artillery, Amritsar . . . . .	...	41	...	...	...	54	95	...	102	...	...	102	...	...	197
No. 1 Special Battery, Royal Field Artillery, Allahabad . . . . .	...	...	...	...	...	7	7	...	...	...	4	4	...	...	11
No. 2 Special Battery, Royal Field Artillery, Dinapore . . . . .	...	...	...	...	...	146	146	...	...	...	80	80	...	...	226
No. 3 Special Battery, Royal Field Artillery, Meerut . . . . .	...	...	...	...	...	31	31	...	...	...	7	7	...	...	38
No. 1 Mountain Battery, Royal Garrison Artillery, Jutogh and Quetta . . . . .	...	160	...	...	...	10	170	...	150	...	...	150	...	...	320
No. 2 Mountain Battery, Royal Garrison Artillery, Rawalpindi and Kacha Garhi . . . . .	2	16	1	...	...	1	20	...	5	...	20	25	...	...	45
No. 4 Mountain Battery, Royal Garrison Artillery, Rawalpindi and Ali Masjid . . . . .	...	13	7	...	...	16	36	...	56	...	9	65	...	...	101
No. 5 Mountain Battery, Royal Garrison Artillery, Jutogh . . . . .	...	...	...	...	...	54	54	...	28	...	48	76	...	...	130
No. 6 Mountain Battery, Royal Garrison Artillery, Peshawar . . . . .	...	76	8	...	...	43	127	...	97	...	23	130	...	...	257
No. 7 Mountain Battery, Royal Garrison Artillery, Jutogh . . . . .	...	...	...	...	...	2	2	...	4	...	...	4	...	...	6
No. 8 Mountain Battery, Royal Garrison Artillery, Peshawar . . . . .	...	82	17	...	...	27	126	...	161	...	...	161	...	...	287
No. 9 Mountain Battery, Royal Garrison Artillery, Quetta . . . . .	...	76	...	...	...	40	116	...	112	...	...	112	...	...	228
22nd Battery, Royal Garrison Artillery, Roorkee . . . . .	2	3	...	...	...	6	11	...	...	...	6	6	...	...	17
66th Heavy Battery, Royal Garrison Artillery, Roorkee . . . . .	1	5	...	...	9	46	61	...	16	...	28	44	...	...	105
68th Heavy Battery, Royal Garrison Artillery, Roorkee and Cawnpore . . . . .	3	...	...	...	...	52	55	...	...	...	37	37	...	...	92
Royal Garrison Artillery, Coast Defence, Bombay, Karachi and Rangoon . . . . .	1	4	62	...	...	132	199	...	111	2	24	137	2	...	338
Royal Artillery Depôts at Ambala, Roorkee, Jubbulpore, Ahmednagar, Secunderabad, Lucknow and Kirkee . . . . .	505	270	138	23	25	6,019	6,990	15	797	46	1,154	2,012	62	...	9,064
Machine Gun Companies at Lahore, Risalpur and Mhow, etc. . . . .	2	100	15	...	...	734	851	...	452	17	495	964	...	4	1,819
1st King George's Own Sappers and Miners, Nowshera, Risalpur, Lahore, Roorkee, Mandalay, Dardoni and Thal . . . . .	283	324	5	1	341	374	1,128	...	592	620	623	1,835	3	679	3,845
2nd Queen Victoria's Own Sappers and Miners, Bangalore, Ali Masjid, Kohat, Sibi, Jubbulpore and Mandalay . . . . .	...	1	...	...	...	2,279	2,270	...	10	...	271	281	317	615	3,493
3rd Sappers and Miners, Kirkee, Sibi and Quetta . . . . .	14	273	1	...	...	1,068	1,356	...	305	...	372	677	...	...	2,033
Railway Battalion, Sappers and Miners, Sialkot and Ali Masjid . . . . .	12	24	...	...	...	18	54	4	306	...	38	348	8	...	410
Mechanical Transport Company, Sappers and Miners, Rawalpindi . . . . .	15	86	71	1	1	27	201	...	85	41	22	151	21	3,100	3,476
Engineering Motor Training School, Rawalpindi, Karachi, Dehra Dun and Meerut . . . . .	92	204	32	197	97	835	1,457	...	642	78	420	1,140	89	202	2,888
Indian Technical Air Craft, Lahore . . . . .	...	...	...	...	...	31	31	...	...	...	57	57	...	...	88
8th United Provinces Works Battalion, Cherat . . . . .	...	21	...	...	738	...	759	...	32	...	...	32	...	...	791
9th Works Battalion, Thal . . . . .	...	...	...	...	...	11	11	...	...	...	3	3	...	...	14

\* This total should agree with the total number borne on the roll of the regiment.

# INDIAN TROOPS, 1919.

## TABLE XXIVA—*contd.*

*Race composition, and location of detachments.*

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogras and other Hill Hindus.	Gurkhas.	Garhwals.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabī Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	Tot.
119	Wireless Signal Squadron, Rawalpindi . . . . .	1	11	56	...	...	...	68	...	122	...	4	126	...	...	...	1
120	33rd Divisional Signal Company, Quetta Kowloon . . . . .	...	6	...	...	...	85	91	...	2	...	27	29	...	...	...	1
121	34th Divisional Signal Company, Secunderabad . . . . .	11	8	15	3	...	132	169	...	29	...	25	54	11	...	...	2
122	39th Divisional Signal Company, Kacha Garhi and Dardoni . . . . .	3	8	11	7	2	30	61	...	9	...	...	9	2	...	...	7
123	40th Divisional Signal Company, Lahore . . . . .	...	11	...	...	...	23	34	...	27	...	1	28	...	...	...	6
124	44th Divisional Singal Company, Kohat . . . . .	11	9	75	5	...	11	111	...	24	26	7	57	5	...	...	17
125	47th Divisional Signal Company, Jubbulpore . . . . .	1	4	...	...	...	6	11	...	7	...	2	9	...	...	...	3
126	1st Cavalry Brigade Signal Troop, Risalpur . . . . .	...	3	...	...	...	5	8	...	5	...	7	12	...	...	...	2
127	Brigade Signal Section, Kohat . . . . .	...	...	...	...	...	4	4	...	28	...	...	28	3	...	...	3
128	Depôt Signal Mints, Poona, Khandala, Abbottabad and Rawalpindi . . . . .	85	123	72	69	...	744	1,093	...	282	52	178	512	82	...	...	1,68
129	1st Battalion, 1st Brahmans, Fatehgarh . . . . .	2	...	...	...	...	651	653	...	11	...	4	15	2	...	...	67
130	2nd Battalion, 1st Brahmans, Sitapur . . . . .	...	...	...	...	...	598	598	...	3	...	7	10	...	...	...	60
131	1st Battalion, 2nd Queen Victoria's Own Rajput Light Infantry, Lucknow . . . . .	1,848	...	...	...	...	13	1,861	...	...	...	53	53	20	...	...	1,931
132	2nd Battalion, 2nd Queen Victoria's Own Rajput Light Infantry, Malakand . . . . .	1,263	...	...	...	...	4	1,267	...	8	...	6	14	...	...	...	1,28
133	3rd Battalion, 2nd Queen Victoria's Own Rajput Light Infantry, Allahabad . . . . .	161	...	...	...	...	...	161	...	...	...	...	...	...	...	...	16
134	1st Battalion, 3rd Brahmans, Barrackpore . . . . .	...	...	...	...	...	1,230	1,230	...	...	...	45	45	10	...	...	1,28
135	2nd Battalion, 3rd Brahmans, Ahmedabad and Deesa . . . . .	...	...	...	...	...	1,205	1,205	...	...	...	...	...	...	...	...	1,205
136	1st Battalion, 4th Prince Albert Victor's Rajputs, Lucknow . . . . .	1,544	...	...	...	...	21	1,565	...	...	...	46	46	7	...	...	1,60
137	2nd Battalion, 4th Prince Albert Victor's Rajputs, Agra and Chaklala . . . . .	924	...	...	...	...	...	924	...	...	...	10	10	...	...	...	934
138	1st Battalion, 5th Light Infantry, Loralai . . . . .	194	...	15	...	...	...	209	...	...	170	1,134	1,304	...	...	...	1,51
139	1st Battalion, 6th Jat Light Infantry, Ferozepore and Jhansi . . . . .	...	...	...	...	...	1,220	1,220	...	...	...	24	24	...	...	...	1,244
140	2nd Battalion, 6th Jat Light Infantry, Agra . . . . .	...	...	...	...	...	928	928	...	...	...	12	12	...	...	...	940
141	1st Battalion, 7th Rajputs, Mhow . . . . .	615	...	...	...	...	16	631	...	3	...	33	36	2	...	...	669
142	2nd Battalion, 7th Rajputs, Fort William . . . . .	808	...	...	...	...	209	1,017	...	...	...	...	...	...	...	...	1,017
143	1st Battalion, 8th Rajputs, Allahabad . . . . .	540	...	...	...	...	...	540	...	...	...	...	...	...	...	...	540
144	2nd Battalion, 8th Rajputs, Lucknow . . . . .	383	...	...	...	...	...	383	...	...	...	...	...	...	...	...	383
145	1st Battalion, 9th Bhopal Infantry, Fyzabad . . . . .	152	316	...	...	...	456	924	...	...	...	311	311	...	...	...	1,235
146	2nd Battalion, 9th (Delhi) Infantry, Nasirabad, . . . . .	...	...	...	...	...	411	411	...	86	...	24	110	...	...	...	521
147	3rd Battalion, 9th Bhopal Infantry, Alipore . . . . .	46	...	...	...	...	636	682	...	...	...	...	...	...	...	...	682
148	4th Battalion, 9th Bhopal Infantry, Kohat and Mhow . . . . .	221	...	...	...	...	706	927	...	3	1	274	278	...	...	...	1,205
149	1st Battalion, 10th Jats, Jhansi . . . . .	7	...	...	3	...	448	458	...	11	...	16	27	7	...	...	490
150	2nd Battalion, 10th Jats, Anandi and Lahore . . . . .	1	1	2	...	...	1,059	1,063	...	...	...	5	5	...	...	...	1,068
151	1st Battalion, 11th Rajputs, Barrackpore and Drosh . . . . .	1,244	...	...	...	...	2	1,246	...	4	...	69	73	1	...	...	1,240
152	2nd Battalion, 11th Rajputs, Sibi and Loralai . . . . .	612	...	1	...	...	2	615	...	1	...	15	16	1	...	...	632
153	1st Battalion, 12th Pioneers, Nowshera . . . . .	...	340	...	...	...	557	897	...	25	...	4	29	...	...	...	906
154	2nd Battalion, 12th Pioneers, Lahore . . . . .	42	...	...	...	...	250	292	...	...	...	58	58	...	...	...	350
155	13th Rajputs (The Shekhawate Regiment), Sitapore and Lucknow . . . . .	295	7	1	17	...	10	330	...	96	...	92	158	2	...	...	520

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Gairwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	TOTAL.
14th King George's Own Ferozepore Sikhs, Multan	...	444	...	...	...	...	444	..	145	...	...	146	...	...	...	590
1st Battalion, 15th Ludhiana Sikhs, Peshawar	...	474	...	...	...	...	474	...	158	...	...	154	...	...	...	632
2nd Battalion, 15th Ludhiana Sikhs, Ferozepore	...	385	...	...	...	...	385	...	113	...	...	113	...	...	...	498
6th Rajputs (The Lucknow Regiment), Lucknow	1,207	26	...	2	...	10	1,335	...	...	...	48	48	2	...	...	1,403
1st Battalion, 17th Infantry (The Loyal Regiment), Jhansi	1	...	...	...	...	2	3	30	546	...	250	826	5	...	...	831
2nd Battalion, 17th Infantry (The Loyal Regiment), Ferozepore	...	...	...	...	...	...	...	...	310	...	604	914	...	...	...	914
1st Battalion, 18th Infantry, Allahabad and Kowloon	...	...	...	...	...	5	5	...	817	...	427	1,244	...	...	...	1,249
2nd Battalion 18th Infantry, Allahabad	...	...	...	...	...	...	...	...	230	...	259	509	...	...	...	509
1st Battalion, 19th Punjabis, Karachi	...	478	...	...	...	...	478	...	664	16	185	865	...	...	...	1,343
2nd Battalion, 19th Punjabis, Hyderabad	...	200	...	...	...	401	601	...	350	305	...	655	...	...	...	1,256
20th Duke of Cambridge's Own Infantry (Brownlow's Punjabis), Jhelum	...	168	237	2	...	...	367	...	309	156	...	465	...	...	...	832
1st Battalion, 21st Punjabis, Jhelum	...	187	87	...	...	122	296	...	195	104	...	299	...	...	...	695
2nd Battalion, 21st Punjabis, Jubboulpore	...	152	36	...	...	...	188	...	752	34	241	1,027	...	...	...	1,215
1st Battalion, 22nd Punjabis, Chaman and Quetta	...	436	...	...	...	...	436	...	769	138	...	907	...	...	...	1,343
2nd Battalion, 22nd Punjabis, Kowloon and Rawalpindi	...	230	...	...	...	...	230	...	637	64	5	706	...	...	...	936
23rd Sikh Pioneers Ambala and Jullundur	2	1,770	1	...	...	28	1,801	...	34	32	...	66	...	...	...	1,867
24th Punjabis, Montgomery	...	180	92	...	...	4	276	...	231	52	22	305	...	...	...	581
1st Battalion, 25th Punjabis, Jhelum	...	122	145	...	...	...	267	...	234	83	...	317	...	...	...	584
2nd Battalion, 25th Punjabis, Jhelum and Jhansi	...	178	113	...	...	97	388	386	157	176	...	719	...	...	...	1,107
1st Battalion, 26th Punjabis, Barzilly	...	311	...	...	...	6	317	...	289	95	...	384	1	...	...	702
2nd Battalion, 26th Punjabis, Dhond and Bareilly	15	85	36	1	...	375	512	...	321	22	203	546	1	...	...	1,459
1st Battalion, 27th Punjabis, Jhelum	...	117	84	...	...	11	212	...	264	79	...	343	...	...	...	555
2nd Battalion, 27th Punjabis, Dhond and Agra	...	280	206	...	...	...	486	...	652	132	...	784	...	...	...	1,270
1st Battalion, 28th Punjabis, Jhelum	...	151	69	...	...	...	220	...	253	128	8	399	...	...	...	609
2nd Battalion, 28th Punjabis, Delhi	...	...	400	...	...	27	427	...	...	...	...	...	...	...	...	427

\* This total should agree with the total number borne on the roll of the regiment.

TABLE XXIV-A—continued.

Race composition, and location of detachments.

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Bobillas.	Punjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	Total.
181	20th Punjabis, Jhelum . . . . .	...	152	154	...	...	1	307	...	276	...	5	281	4	...	...	581
182	1st Battalion, 30th Punjabis, Montgomery . . . . .	...	397	218	...	...	2	617	...	240	...	...	240	...	...	...	857
183	2nd Battalion 30th Punjabis, Ferozepore . . . . .	...	151	151	...	...	...	302	...	300	...	...	300	...	...	...	602
184	3rd Battalion, 30th Punjabis, Ferozepore . . . . .	...	108	...	...	...	...	108	...	108	...	...	108	...	...	...	316
185	4th Battalion, 30th Punjabis, Phillour . . . . .	28	109	...	...	...	5	195	...	238	63	...	321	...	...	...	514
186	31st Punjabis, Jhelum . . . . .	...	158	187	...	...	7	352	...	229	...	...	229	2	...	...	581
187	1st Battalion, 32nd Sikh Pioneers, Sialkot . . . . .	...	738	...	...	...	...	738	...	14	...	...	14	3	...	...	755
188	2nd Battalion, 32nd Sikh Pioneers, Sialkot . . . . .	...	296	...	...	...	5	301	...	3	...	1	4	...	...	...	309
189	3rd Battalion, 32nd Sikh Pioneers, Sialkot . . . . .	...	111	...	...	...	...	110	...	...	...	...	...	...	...	...	111
190	1st Battalion, 33d Punjabis, Rawalpindi and Fort Jamrud . . . . .	...	66	76	...	...	...	142	...	369	8	11	638	...	...	...	788
191	2nd Battalion, 33d Punjabis, Ali Masjid . . . . .	...	101	96	...	...	...	197	...	621	72	...	696	...	...	...	893
192	1st Battalion, 34th Sikh Pioneers, Ambala . . . . .	...	618	5	...	...	1	624	...	7	...	4	11	...	...	...	651
193	2nd Battalion, 34th Sikh Pioneers, Sialkot . . . . .	...	806	...	...	...	...	806	...	...	...	...	...	...	...	...	806
194	3rd Battalion, 34th Sikh Pioneers, Ambala . . . . .	...	249	...	...	...	2	251	...	...	...	5	5	...	...	...	256
195	1st Battalion, 33th Sikhs, Anandi . . . . .	...	710	...	...	...	...	710	...	...	...	...	...	...	...	...	710
196	2nd Battalion, 35th Sikhs, Lahore . . . . .	...	400	...	...	...	490	890	...	...	...	...	...	...	...	...	890
197	36th Sikhs, Areilly . . . . .	...	1,215	...	...	...	185	1,400	...	1	...	...	1	...	...	...	1,401
198	37th Dogras, Jhelum . . . . .	74	2	258	...	...	4	338	...	1	...	...	1	...	...	...	339
199	35th Dogras, Jhelum . . . . .	...	2	443	...	8	2	455	...	1	...	...	1	3	...	...	459
200	1st Battalion, 39th Garhwal Rifles, Lansdowne . . . . .	...	...	...	...	803	...	803	...	...	...	...	...	...	...	...	803
201	2nd Battalion, 39th Garhwal Rifles, Lansdowne . . . . .	...	...	...	...	1,074	...	1,074	...	...	...	...	...	...	...	...	1,074
202	3rd Battalion, 39th Garhwal Rifles, Chaklala . . . . .	...	...	...	...	714	...	714	...	...	...	...	...	...	...	...	714
203	4th Battalion, 39th Garhwal Rifle, Lansdowne . . . . .	...	...	...	...	377	...	377	...	...	...	...	...	...	...	...	377
204	40th Pathans, Campbellpore . . . . .	...	3	81	...	...	...	84	...	109	91	...	200	...	...	...	284
205	1st Battalion, 41st Dogras, Dhond . . . . .	...	1	1,121	...	...	26	1,148	...	5	...	...	5	...	...	...	1,153
206	2nd Battalion, 41st Dogras, Lahore . . . . .	...	...	1,080	...	...	...	1,080	...	...	...	...	...	...	...	...	1,080
207	1st Battalion, 42nd Deoli Regiment, Deoli . . . . .	156	3	...	1	...	651	811	...	1	...	26	27	1	...	...	839
208	2nd Battalion, 42nd Deoli Regiment, Ghaklala . . . . .	211	...	...	...	...	687	898	...	...	11	...	11	...	...	...	909
209	1st Battalion, 43rd Erinpura Regiment, Erinpura . . . . .	400	4	...	...	...	558	962	...	...	...	453	453	2	...	...	1,417
210	2nd Battalion, 43rd Erinpura Regiment, Ajmere . . . . .	40	...	...	...	...	663	704	...	1	1	136	138	5	...	...	847
211	44th Merwara Infantry, Ajmer and Sumerpur . . . . .	47	...	...	1	1,011	1,059	...	...	...	...	659	659	8	...	...	1,726
212	45th Sikhs, Multan . . . . .	...	382	...	...	...	...	382	...	129	...	...	129	...	...	...	511
213	46th Punjabis, Campbellpore . . . . .	97	...	...	...	...	6	103	...	477	48	...	525	...	...	...	628

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajputs.	Sikhs.	Dogra Hindus.	Hill or other Hill Hindus.	Gurkhas.	Cachwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trais-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans, Jews.	TOTAL.*
47th Sikhs, Bareilly . . . . .	...	610	...	...	...	...	610	...	...	...	...	...	...	...	...	610
1st Battalion, 48th Pioneers, Jhansi . . . . .	...	353	...	...	...	182	537	...	8	...	...	8	...	...	...	545
2nd Battalion, 48th Pioneers, Arangaon . . . . .	...	171	...	...	...	430	601	...	6	...	176	182	...	...	...	783
49th Bengalis, Karachi and Dum Dum . . . . .	...	...	...	...	...	467	467	...	...	...	235	236	10	...	...	713
1st Battalion 50th Kumaon Rifles, Almora . . . . .	...	...	...	24	543	71	638	...	2	...	1	3	3	...	...	644
2nd Battalion 50th Kumaon Rifles, Bareilly . . . . .	...	...	...	...	1,033	76	1,109	...	...	...	...	...	...	...	...	1,109
51st Sikhs (Frontier Force), Jullundur . . . . .	...	337	89	...	...	...	426	...	128	113	...	241	...	...	...	667
52nd Sikhs (Frontier Force), Jullundur . . . . .	...	216	34	...	...	...	250	...	137	110	...	247	...	...	...	497
53rd Sikhs (Frontier Force), Jullundur . . . . .	...	223	147	...	...	...	370	...	216	128	...	344	...	...	...	711
1st Battalion 54th Sikhs (Frontier Force), Jullundur . . . . .	...	260	107	...	...	...	367	...	178	86	...	254	...	...	...	...
2nd Battalion 54th Sikhs (Frontier Force), Rawalpindi . . . . .	207	283	6	...	...	2	500	...	337	30	107	474	...	...	...	974
1st Battalion, 55th Coke's Rifles (Frontier Force), Ambala . . . . .	...	44	190	...	135	3	372	...	382	70	20	472	...	...	...	844
2nd Battalion, 55th Coke's Rifles (Frontier Force), Delhi . . . . .	...	199	114	...	98	...	411	...	400	102	...	512	...	...	...	913
1st Battalion, 56th Punjabi Rifles (Frontier Force), Jullundur . . . . .	...	211	172	...	...	...	383	...	208	223	...	431	...	...	...	814
2nd Battalion, 56th Punjabi Rifles, (Frontier Force), Jullundur . . . . .	...	159	205	...	...	...	424	...	346	153	82	581	...	...	...	1,005
57th Wilde's Rifles (Frontier Force), Kohat . . . . .	...	296	293	...	...	...	589	...	489	55	105	650	...	...	...	1,239
58th Vaughan's Rifles (Frontier Force), Multan . . . . .	...	173	57	...	...	...	230	...	57	172	...	229	...	...	...	459
59th Scinde Rifles (Frontier Force), Jullundur . . . . .	...	148	173	...	...	...	321	...	235	282	...	317	...	...	...	838
1st Battalion, 61st King George's Own Pioneers, Ferozepore . . . . .	...	...	391	...	...	229	620	...	...	...	110	110	128	...	...	838
2nd Battalion, 61st King George's Own Pioneers, Dhond and Secunderabad . . . . .	...	...	...	...	...	452	452	...	4	...	20	24	30	...	...	56
62nd Punjabis, Cawnpore . . . . .	260	90	...	...	...	10	360	...	381	...	...	381	...	...	...	741
63rd Palamcottah Light Infantry Rangoon and Port Blair . . . . .	...	...	...	1	...	790	791	...	...	...	362	362	80	...	...	1,233
64th Pioneers, Bangalore . . . . .	...	...	...	...	...	312	312	...	...	...	90	90	103	...	...	505
1st Battalion, 66th Punjabis, Manmad . . . . .	...	...	...	...	...	478	478	...	...	...	755	755	...	...	...	1,233
2nd Battalion, 66th Punjabis, Sitapur . . . . .	147	45	...	...	...	106	298	...	235	...	1	236	...	...	...	534
1st Battalion, 67th Punjabis, Agra . . . . .	...	117	112	...	...	...	229	...	299	...	...	299	...	...	...	528
2nd Battalion, 67th Punjabis, Agra and Ali- Masjid . . . . .	...	183	293	...	...	...	476	...	764	...	...	764	...	...	...	1,240
1st Battalion, 69th Punjabis, Agra and Thal . . . . .	...	206	...	...	...	253	519	...	595	...	...	595	...	...	...	1,114
2nd Battalion, 69th Punjabis Delhi . . . . .	...	...	...	...	...	159	159	...	97	1	6	104	...	...	...	253
1st Battalion, 70th Burma Rifles, Secun- derabad . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	70	...	70
2nd Battalion, 70th Burma Rifles Secunderabad and Dinapore . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	957	471	1,384

\* This total should agree with the total number borne on the roll of the regiment.

TABLE XXIV-A—contd.

Race composition, and location of detachments.

Serial Number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogra Hindus.	Hill or other Hill	Gorkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Robillas.	Punjab Muslimans.	Trans-Indus Pathans.	Other Muslimans.	TOTAL MUSLIMANS.	Native Christians.	Burmans.	Jews.	TOTAL
245	3rd Battalion, 76th Burma Rifles, Secunderabad.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,247	...	1,247
246	4th Battalion, 76th Burma Rifles, Sheweb.	...	6	...	...	...	...	7	7	...	...	...	1	1	...	932	...	940
247	71st Punjabis, Delhi . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	640	...	...	640
248	1st Battalion, 72nd Punjabis, Delhi . . . . .	...	191	...	...	...	...	...	191	...	325	...	...	325	...	...	...	516
249	2nd Battalion, 72nd Punjabis, Anandi . . . . .	...	490	...	...	...	...	...	490	...	310	170	58	538	...	...	...	1,028
250	1st Battalion, 73rd Carnatic Infantry, Bhamo.	...	...	...	...	...	...	429	429	...	2	...	138	140	104	...	...	673
251	2nd Battalion, 73rd Carnatic Infantry, Ballary.	...	...	...	...	...	...	602	602	...	...	...	228	228	45	...	...	875
252	74th Punjabis, Agra and Kowloon . . . . .	...	147	214	...	...	...	...	361	...	507	...	...	507	...	...	...	958
253	1st Battalion, 75th Carnatic Infantry, Bangalore.	...	...	...	...	...	...	323	323	...	...	...	18	128	84	...	...	535
254	2nd Battalion, 75th Carnatic Infantry, Secunderabad.	...	...	...	...	...	...	630	630	...	...	...	117	117	131	...	...	878
255	76th Punjabis, Jubbulpore . . . . .	57	33	...	...	...	...	45	135	...	913	...	...	913	...	...	...	1,048
256	79th Carnatic Infantry, Secunderabad . . . . .	...	...	...	...	...	1,085	1,085	1,085	...	...	...	376	376	350	...	...	1,811
257	1st Battalion, 8th Carnatic Infantry, Maymyo.	...	...	...	...	...	...	801	801	...	...	...	595	595	126	...	...	1,522
258	2nd Battalion, 8th Carnatic Infantry, Trichinopoly.	...	...	...	...	...	...	825	825	...	...	...	216	216	148	...	...	1,189
259	1st Battalion, 81st Pioneers, Bangalore and Thal.	...	...	...	...	...	...	567	567	...	...	...	117	117	242	...	...	926
260	2nd Battalion, 81st Pioneers, Bangalore . . . . .	...	...	...	...	...	...	309	309	...	75	...	450	525	28	...	...	862
261	82nd Punjabis, Jhansi . . . . .	...	153	...	...	...	...	204	387	...	388	5	15	408	...	...	...	791
262	83rd Wallajahbad Light Infantry, Trichinopoly.	...	...	...	...	...	...	423	423	...	...	...	272	272	122	...	...	817
263	84th Punjabis, Cawnpore . . . . .	139	168	...	...	...	...	10	317	...	261	...	17	278	...	...	...	595
264	85th Burma Rifles, Myittha and Thayung.	107	195	...	315	...	...	40	657	1	...	...	1	2	...	...	...	659
265	86th Carnatic Infantry, Meiktila . . . . .	5	...	...	...	...	...	577	582	...	...	...	439	439	123	...	...	1,144
266	87th Punjabis, Jhansi . . . . .	...	75	...	...	...	...	132	207	...	310	...	15	325	...	...	...	532
267	1st Battalion, 88th Carnatic Infantry, St. Thomas Mount.	2	...	...	...	...	...	346	348	...	...	...	169	169	122	...	...	639
268	2nd Battalion, 88th Carnatic Infantry, Bombay.	...	...	...	...	...	...	916	916	...	...	...	2	2	12	...	...	930
269	1st Battalion, 89th Punjabis, Kamptee.	189	95	...	...	...	...	83	367	...	174	...	...	174	3	...	...	544
270	2nd Battalion, 89th Punjabis, Dargai and Chakdara.	120	227	...	...	...	...	162	509	...	473	...	...	473	...	...	...	982
271	1st Battalion, 90th Punjabis, Kamptee and Thal.	131	264	...	...	...	...	126	521	...	225	...	16	241	...	...	...	764
272	2nd Battalion, 90th Punjabis, Dhond . . . . .	5	2	...	...	...	...	258	265	...	128	...	97	225	...	...	...	490
273	1st Battalion, 91st Punjabis (Light Infantry), Rangoon.	...	143	173	...	...	...	...	316	...	174	...	109	283	...	...	...	599

\* This total should agree with the total number borne on the roll of the regiment.

Corps and its detachments.	Rajpoots.	Sikhs.	Dogras and other Hill Hindus.	Gurkhas.	Garhwals.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Mussalmans.	Trans-Indus Pathans.	Other Mussalmans.	TOTAL MUSALMANS.	Native Christians.	Mormons.	Jews.	TOTAL*
Battalion, 91st Punjabis, Jubbulpore	23	10	2	..	..	5	45	..	382	..	442	824	..	..	..	869
Battalion, 91st Punjabis, Delhi	..	331	..	..	..	..	331	..	445	..	..	445	..	..	..	776
Company, 91st Punjabis, Delhi	..	285	..	..	..	..	285	..	466	..	..	466	..	..	..	751
Battalion, 94th Russell's Infantry, Nasirabad	275	..	..	..	..	290	565	..	..	..	153	153	..	..	..	718
Battalion, 94th Russell's Infantry, Lucknow	307	..	..	..	..	390	787	..	..	..	106	106	3	..	..	896
Battalion, 95th Russell's Infantry, Saugor	170	..	..	..	..	416	586	..	..	..	216	216	..	..	..	802
Battalion, 95th Russell's Infantry, Meerut	242	..	..	..	..	644	886	..	..	..	208	208	..	..	..	1,094
Battalion, 96th Berar Infantry, Saugor	266	..	..	..	..	170	436	..	..	..	394	394	..	..	..	830
Battalion, 96th Berar Infantry, Santa Cruz	270	..	..	..	..	415	685	..	..	..	236	236	..	..	..	921
Battalion, 97th Deccan Infantry, Ahmednagar	412	..	..	..	..	765	1,177	..	3	4	192	199	2	..	..	1,378
Battalion, 97th Deccan Infantry, Ahmednagar	303	..	..	..	..	131	434	..	6	..	105	111	1	..	..	546
Battalion, 98th Infantry, Quetta	55	..	..	..	..	576	631	..	..	..	124	124	10	..	..	765
Battalion, 98th Infantry, Jubbulpore	297	..	..	..	..	634	931	..	..	..	533	533	..	..	..	1,464
Company, 98th Infantry, Ahmedabad	187	..	..	..	..	353	540	..	..	..	280	280	..	..	..	820
Battalion, 101st Grenadiers, Aurangabad	..	..	..	..	..	310	310	..	193	..	216	409	5	..	..	724
Battalion, 101st Grenadiers, Mhow	..	..	..	..	..	390	390	..	255	..	339	594	..	..	..	984
Battalion, 102nd King Edward's Own Infantry, Mhow	..	..	..	..	..	586	586	..	240	..	..	240	15	..	1	842
Battalion, 102nd King Edward's Own Infantry, Dinapore	..	..	..	..	..	839	839	..	269	..	..	269	..	..	..	1,048
Battalion, 103rd Mahratta Light Infantry, Belgaum	..	..	..	..	..	753	753	..	..	..	187	187	..	..	..	940
Battalion, 103rd Mahratta Light Infantry, Belgaum and Thal	..	..	..	..	..	504	504	..	..	..	31	31	1	..	..	536
Company, 103rd Mahratta Light Infantry, Thal	108	..	..	..	..	211	319	..	177	..	2	179	..	..	..	498
Battalion, 103rd Mahratta Light Infantry, Belgaum	..	..	..	..	..	214	214	..	..	..	36	36	..	..	..	250
Company, 103rd Mahratta Light Infantry, Thal	..	..	..	..	..	147	147	..	..	..	439	439	..	..	..	586
Battalion, 107th Pioneers, Quetta	..	140	..	..	..	169	310	..	..	145	250	395	3	..	1	709
Battalion, 107th Pioneers, Jhansi	..	182	..	..	..	234	416	..	162	68	32	262	..	..	..	678
Battalion, 107th Pioneers, Aurangabad	..	..	..	..	..	315	315	..	165	..	138	303	7	..	..	625
Battalion, 109th Infantry, Bareilly	..	..	..	..	..	142	142	..	68	..	64	132	5	..	..	279
Battalion, 109th Infantry, Poona	..	..	..	..	..	441	441	..	203	..	240	443	..	..	..	884
Battalion, 109th Infantry, Peshawar	..	..	432	..	..	432	..	..	..	..	144	144	..	..	..	576
Battalion, 109th Infantry, Jubbulpore	..	..	..	..	..	808	808	..	..	..	14	14	8	..	..	830
Battalion, 112th Infantry, Nasirabad	..	..	..	..	..	1,166	1,166	..	374	..	1	375	..	..	2	1,543
Battalion, 112th Infantry, Bannu and Muzaffargarh	..	..	..	..	..	638	638	..	179	..	..	179	..	..	..	817
Battalion, 113th Infantry, Benares	..	..	..	..	..	439	439	..	106	..	..	106	2	..	..	547
Battalion, 113th Infantry, Benares	..	..	..	..	..	419	419	..	106	..	..	106	..	..	..	525
Battalion, 116th Mahrattas, Belgaum	..	..	..	..	..	374	374	..	..	..	117	117	..	..	..	491
Battalion, 116th Mahrattas, Belgaum and Thal	..	..	..	..	..	300	300	..	..	..	122	122	..	..	..	422
Battalion, 116th Mahrattas, Baroda	..	..	..	..	..	590	590	..	..	..	170	170	..	..	..	760
Battalion, 117th Mahrattas, Belgaum	..	..	..	..	..	211	211	..	..	..	153	153	1	..	..	365

\* This total should agree with the total number borne on the roll of the regiment.

TABLE XXIV-A.—*continued.*

*Rate composition, and location of detachments.*

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Mussalmans.	Trans-Indus Pathans.	Other Mussalmans.	TOTAL MUSSALMANS.	Native Christians.	Burmans.	Jews.
312	2nd Battalion, 117th Mahrattas, Multan	...	...	...	...	...	1,368	1,368	...	6	...	11	17	...	...	...
313	1st Battalion, 119th Infantry (The Multan Regiment), Ahmednagar.	114	...	...	...	...	317	431	...	15	...	192	207	...	...	...
314	2nd Battalion, 119th Infantry (The Multan Regiment), Quetta.	111	...	...	...	...	511	622	...	...	...	338	328	3	...	...
315	120th Rajputana Infantry, Deesa	135	...	...	...	...	226	361	...	...	...	543	543	...	...	...
316	121st Pioneers, Meerut and Kirkee	...	...	...	...	...	482	482	...	...	244	225	479	...	...	...
317	122nd Rajputana Infantry, Ahmednagar	381	...	...	...	...	624	1,205	...	12	...	366	378	6	...	...
318	1st Battalion, 123rd Outram's Rifles, Mhow.	183	...	...	...	...	230	413	...	368	...	...	368	...	...	...
319	2nd Battalion, 123rd Outram's Rifles, Nowshera.	190	...	...	...	...	341	531	...	360	...	1	361	...	...	...
320	1st Battalion, 124th Duchess of Connaught's Own Baluchistan Infantry, Lahore.	...	165	...	...	...	...	165	...	629	293	...	922	...	...	...
321	2nd Battalion, 124th Duchess of Connaught's Own Baluchistan Infantry, Multan.	...	184	...	...	...	...	184	...	184	...	...	184	...	...	...
322	3rd Battalion, 124th Duchess of Connaught's Own Baluchistan Infantry, Quetta.	...	134	...	...	...	...	134	...	705	253	203	1,161	...	...	...
323	1st Battalion, 125th Napier's Rifles, Rajkot	58	...	...	2	2	415	477	...	508	...	...	508	11	...	1
324	2nd Battalion, 125th Napier's Rifles, Poona	243	1	...	207	287	4	742	...	328	...	1	329	1	...	...
325	127th Baluchistan Infantry, Hyderabad	...	62	...	...	...	2	64	...	237	351	...	588	...	...	...
326	1st Battalion, 127th Queen Mary's Own Baluch Light Infantry, Multan.	...	...	...	...	...	...	...	...	138	236	236	630	...	...	...
327	2nd Battalion, 127th Queen Mary's Own Baluch Light Infantry, Karachi.	...	2	...	...	...	2	...	...	340	64	173	577	...	...	...
328	1st Battalion, 128th Pioneers, Meerut	...	138	...	...	...	187	325	...	...	137	117	254	...	...	...
329	2nd Battalion, 128th Pioneers, Arangaon	...	163	...	...	...	413	576	...	2	103	246	351	2	...	...
330	1st Battalion, 129th Duke of Connaught's Own Baluchis, Fort Sandeman.	...	...	...	...	...	1	1	...	619	22	...	641	...	...	...
331	2nd Battalion, 129th Duke of Connaught's Own Baluchis, Karachi and Quetta.	...	...	...	...	...	2	2	...	354	...	...	854	...	...	...
332	1st Battalion, 130th King George's Own Baluchis, (Jacob's Rifles), Jhelum.	...	...	...	...	...	3	3	...	469	107	3	579	...	...	...
333	2nd Battalion, 130th King George's Own Baluchis (Jacob's Rifles), Karachi.	...	...	...	...	...	...	...	...	135	11	105	252	...	...	...
334	1st Battalion, 131st United Provinces Regiment, Moradabad and Bareilly.	195	...	...	...	...	4	199	...	5	...	62	67	...	...	...
335	2nd Battalion, 131st United Provinces Regiment, Bareilly.	...	...	...	...	84	171	255	...	...	...	84	84	...	...	...
336	1st Battalion, 133rd Regiment, Nathnagar	79	...	...	...	...	121	200	...	...	...	35	35	3	...	...
337	1st Battalion, 140th Patiala Infantry, Patiala.	1	27	17	...	...	60	105	...	10	...	49	50	...	...	...
338	1st Battalion, 141st Bikanir Infantry, Bikanir.	76	7	...	...	...	315	398	...	...	...	183	183	3	...	...

\*This total should agree with the total number borne on the roll of the regiment.

TABLE XXXI

Corps and its detachments.	Rajputs.	Sikhs.	Dogra or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Robillas.	Punjabi Mussalmanas.	Trans-Indus Pathans.	Other Mussalmanas.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.	TOTAL.*
1st Jodhpur Infantry, Jodhpur	361	...	...	...	...	123	484	...	...	...	163	163	...	...	...	647
1st Narsingh (Dholpur) Infantry, Dholpur.	35	...	...	...	...	41	78	...	...	...	23	23	...	...	...	101
1st Bharatpur Infantry, Bharatpur	...	...	...	...	...	143	143	...	...	...	58	58	...	...	...	201
Battalion, 150th Indian Infantry, Muttra	210	...	...	...	...	9	219	...	1	...	13	14	1	...	...	234
Battalion, 150th Indian Infantry, Ajlala and Rawalpindi.	231	...	...	...	...	575	805	...	...	...	...	...	...	...	...	806
Battalion, 150th Indian Infantry, Mwe.	202	...	...	...	...	729	931	...	4	...	...	4	...	...	...	935
Battalion, 151st Sikh Infantry, Manna	...	659	...	...	...	3	662	...	...	...	246	246	2	...	...	910
Battalion, 151st Sikh Infantry, Kohat & Julundur.	...	205	267	...	...	2	474	...	776	1	29	805	...	...	...	1,280
Battalion, 151st Sikh Infantry Pooná	395	...	...	...	...	289	684	...	...	156	...	156	...	...	...	84
Battalion, 152nd Punjabis, Kohat	...	177	91	...	...	...	268	...	847	76	29	952	...	...	...	1,220
Battalion, 152nd Punjabis, Pooná	...	...	...	...	...	481	481	...	...	...	414	414	...	...	...	895
Battalion, 152nd Punjabis, Anandi & Bhujbanpur.	...	288	...	...	...	39	327	...	464	...	68	532	...	...	...	859
Battalion, 153rd Punjabis, Fort Sandeman & Ahmednagar.	142	105	...	...	...	197	444	...	390	29	...	419	...	...	...	863
Battalion, 153rd Punjabis, Karachi	...	405	...	...	...	...	415	...	446	...	182	643	...	...	...	1,053
Battalion, 153rd Rifles, Ahmednagar	...	...	...	...	...	221	221	...	226	...	47	293	...	...	...	494
Battalion, 154th Indian Infantry, Dera Ismail Khan.	100	...	...	...	...	193	293	...	...	...	...	...	...	...	...	293
Battalion, 154th Indian Infantry, Pooná	...	...	...	...	...	1,053	1,053	...	...	...	238	238	...	...	...	1,291
Battalion, 154th Indian Infantry, Muttra.	...	...	...	...	...	214	214	...	15	...	9	25	...	...	...	239
1st Indian Pioneers, Muttra	...	91	...	...	...	183	274	...	3	64	218	285	...	...	...	559
1st Indian Infantry, Cannanore	...	...	...	...	...	175	175	...	...	...	200	200	25	...	...	400
1st King George's Own Gurkha Rifles (e Malaun Regiment), Dharamsala.	...	...	6	636	...	...	642	...	...	...	...	...	...	...	...	642
1st King George's Own Gurkha Rifles (e Malaun Regiment), Dharamsala.	...	...	5	1,000	...	...	1,005	...	...	...	...	...	...	...	...	1,005
1st King George's Own Gurkha Rifles (e Malaun Regiment), Quetta.	...	...	...	782	...	...	782	...	...	...	...	...	...	...	...	782
1st King Edward's Own Gurkha Rifles (e Sirmoor Rifles), Dehra Dun.	1	...	...	996	17	7	1,021	...	...	...	...	...	...	...	...	1,021
1st King Edward's Own Gurkha Rifles (e Sirmoor Rifles), Dehra Dun.	...	...	...	1,534	...	...	1,534	...	...	...	...	...	...	...	...	1,534
1st King Edward's Own Gurkha Rifles (e Sirmoor Rifles), Peshawar.	...	...	...	726	...	...	726	...	...	...	...	...	...	...	...	726
1st Queen Alexandra's Own Gurkha Rifles, Almorá.	...	...	...	627	...	15	642	...	...	...	...	...	...	...	...	642
1st Queen Alexandra's Own Gurkha Rifles, Lansdowne.	...	...	...	1,695	...	...	1,695	...	...	...	...	...	...	...	...	1,695
1st Queen Alexandra's Own Gurkha Rifles, Abbottabad.	...	...	...	870	...	4	874	...	7	...	...	7	...	...	...	881

\* This total should agree with the total number borne on the roll of the regiment.

TABLE XXIV-A.—*continued.*

*Race composition, and location of detachments.*

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogra or other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.
368	1-4th Gurkha Rifles, Quetta . . . .	...	...	...	389	...	...	389	...	...	...	...	...	...	...	...
369	2-4th Gurkha Rifles, Bakloh . . . .	5	1	4	765	...	1	776	...	1	...	...	1	...	3	...
370	1-5th Gurkha Rifles, Abbottabad . . .	...	...	...	1,219	...	13	1,232	...	11	...	...	11	...	...	...
371	2-5th Gurkha Rifles, Abbottabad . . .	...	2	7	1,284	...	1	1,294	...	5	...	4	9	...	...	...
372	3-5th Gurkha Rifles, Mardan . . . .	...	...	5	1,073	4	...	1,082	...	4	...	...	4	2	...	...
373	1-6th Gurkha Rifles, Abbottabad . . .	...	...	...	718	...	9	727	...	15	...	...	15	...	...	...
374	2-6th Gurkha Rifles, Abbottabad . . .	...	2	...	674	...	6	682	...	6	...	...	6	...	...	...
375	3-6th Gurkha Rifles, Kakul . . . .	...	...	1	935	...	2	938	...	...	...	...	...	...	...	...
376	1-7th Gurkha Rifles, Bakloh and Ghoom .	...	3	...	857	3	6	869	...	3	...	...	3	...	...	...
377	2-7th Gurkha Rifles, Delhi and Ghoom .	1	1	1	1,336	...	...	1,339	...	1	...	...	1	...	...	...
378	3-7th Gurkha Rifles, Chaman and Ghoom .	...	3	...	815	2	2	822	...	7	...	1	8	...	...	...
379	1-8th Gurkha Rifles, Shillong . . . .	...	...	...	339	...	...	339	...	...	...	...	...	...	...	...
380	2-8th Gurkha Rifles, Lansdowne . . . .	...	...	...	434	...	...	434	...	...	...	...	...	...	...	...
381	3-8th Gurkha Rifles, Fort Lockhart and Hangu .	...	...	...	1,183	...	62	1,245	...	...	...	...	...	...	...	...
382	1-9th Gurkha Rifles, Peshawar . . . .	...	...	...	1,026	...	6	1,032	...	...	...	...	...	...	...	...
383	2-9th Gurkha Rifles, Dehra Dun . . . .	...	...	...	919	...	...	919	...	...	...	...	...	...	...	...
384	3-9th Gurkha Rifles, Dehra Dun . . . .	...	...	...	953	...	...	953	...	...	...	...	...	...	...	...
385	1-10th Gurkha Rifles, Maymyo and Bhamo .	...	...	1	1,726	...	...	1,737	...	...	...	...	...	...	566	...
386	2-10th Gurkha Rifles, Quetta and Ghoom .	...	1	...	1,218	3	4	1,226	...	2	...	1	3	...	...	...
387	1-11th Gurkha Rifles, Nowshera . . . .	...	1	...	994	...	5	1,000	...	2	...	...	2	1	...	...
388	2-11th Gurkha Rifles, Nowshera . . . .	...	...	...	1,021	...	...	1,021	...	1	...	...	1	...	...	...
389	3-11th Gurkha Rifles, Abbottabad and Kakul	...	...	1	863	...	3	867	...	...	...	...	...	...	...	...
390	4-11th Gurkha Rifles, Shahjaanpur . . .	...	...	...	936	...	...	936	...	...	...	...	...	...	...	...
391	Residents Escort (Nepal) Kathmandu	21	...	3	2	...	54	80	...	...	...	...	...	...	...	...
392	Burma Mounted Rifles, Ghoom, Ferozepur and Amritsar	...	67	31	10	...	...	108	...	106	...	...	106	...	...	...
393	Indian Garrison Companies, Amritsar and Rajkot etc.	152	182	23	337	...	88	782	...	171	27	119	317	1	58	3
394	Samana Transport Corps, Fort Lockhart .	...	...	...	...	...	...	...	...	39	...	...	39	...	...	...
395	14th Mule Corps, Quetta . . . .	...	11	5	12	48	...	76	...	12	3	177	192	...	...	...

Corps and its detachments.	TOTAL MUSALMANS.														TOTAL*
	Rajputs.	Sikhs.	Dogras or other Hill Hindus.	Curkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjabi Mussalmans.	Trans-Indus Pathans.	Other Mussalmans.	Native Christians.	Burmans.	Jews.	
9th Mule Corps, Thal Parachimar and Kacha Garhi.	1	2	3	...	...	48	54	...	31	...	11	42	...	...	96
15th Mule Corps, Bhamo, Shwebo, Maymyo, Meiktila and Mandalay . . . . .	9	2	...	...	...	64	75	...	330	14	18	362	...	...	...
15th Mule Corps, Nowshera . . . . .	4	2	...	1	2	42	51	...	383	...	12	395	...	...	447
18th Mule Corps at Kohat . . . . .	...	8	200	...	...	50	258	...	220	3	60	283	...	...	541
20th Mule Corps, Peshawar and Cherat . . . . .	...	...	...	...	...	209	209	...	285	...	...	285	5	...	499
21st Mule Corps, Peshawar . . . . .	...	...	...	...	...	121	121	...	...	...	305	305	...	...	426
23rd Mule Corps, Abbottabad . . . . .	...	120	...	...	...	100	220	...	141	...	...	141	...	...	361
25th Mule Corps, Nowshera and Risalpur . . . . .	...	95	24	...	...	142	261	...	292	...	...	292	...	...	553
26th Mule Corps, Abbottabad . . . . .	...	123	...	...	...	111	234	...	139	...	...	139	...	...	373
28th Mule Corps, Banna . . . . .	7	15	...	...	...	62	84	...	242	4	10	256	4	...	344
32nd Mule Corps, Jhansi . . . . .	15	20	...	...	...	36	71	...	69	...	11	80	...	...	151
33rd Mule Corps, Ali Masjid . . . . .	...	18	1	1	...	44	64	...	34	...	7	41	3	...	108
34th Mule Corps, Kacha Garhi and Landikotal . . . . .	2	12	...	7	16	73	110	...	16	...	10	26	...	...	136
38th Mule Corps, Ali Masjid and Kacha Garhi . . . . .	4	2	...	...	...	21	27	...	26	...	2	28	...	...	55
40th Mule Corps, Loralai . . . . .	6	33	6	...	3	72	120	...	142	8	...	150	10	...	280
51st Mule Corps, Agra and Kacha Garhi . . . . .	...	3	...	2	37	59	101	...	219	2	51	282	...	...	383
55th Mule Corps, Jubbulpore . . . . .	96	27	6	...	...	168	297	...	5	4	9	18	2	...	317
57th Mule Corps, Thal . . . . .	...	...	...	...	...	13	13	...	27	...	16	43	...	...	56
58th Mule Corps, Loralai and Pona . . . . .	...	45	...	...	...	153	198	...	...	...	45	45	...	...	243
59th Mule Corps, Ambala and Bareilly . . . . .	...	25	31	42	...	128	226	...	185	24	14	227	...	...	45
1st Pack Mule Corps, Lahore . . . . .	...	12	...	...	...	15	27	...	66	...	...	66	3	...	96
2nd Pack Mule Corps, Lahore . . . . .	...	5	...	...	...	41	46	...	43	...	...	43	1	...	50
4th Pony Corps, Abbottabad . . . . .	...	153	...	...	...	113	266	...	124	...	...	124	...	...	390
5th Pack Pony Corps, Quetta . . . . .	...	47	48	...	4	146	245	...	96	...	...	96	...	...	341
6th Draught Pony Corps, Ali Masjid and Landikotal . . . . .	...	17	5	...	...	71	93	...	96	...	23	119	...	...	212
7th Draught Pony Corps, Nowshera . . . . .	18	5	2	29	53	298	405	...	36	4	165	205	10	...	620
8th Pony Corps, Jutogh and Thal . . . . .	6	...	...	...	...	13	19	...	4	...	2	6	...	...	25
9th Pony Corps, Jullundur . . . . .	...	15	10	...	17	45	87	...	27	...	214	241	30	...	358
3rd Pony Corps, Loralai . . . . .	...	32	...	...	41	98	178	...	26	...	...	26	...	...	204

TABLE XXIV-A.—concluded.

Race composition, and location of detachments.

Serial number.	Corps and its detachments.	Rajputs.	Sikhs.	Dogra and other Hill Hindus.	Gurkhas.	Garhwalis.	Other Hindus.	TOTAL HINDUS.	Rohillas.	Punjab Musalmans.	Trans-Indus Pathans.	Other Musalmans.	TOTAL MUSALMANS.	Native Christians.	Burmans.	Jews.
425	66th Pony Corps, Secunderabad . . . . .	20	15	1	...	...	191	227	...	30	12	23	65	9	...	...
426	102nd S. D. Pony Corps, Jullundur . . . . .	...	65	12	...	23	84	184	...	34	...	162	196	25	...	...
427	50th S. Camel Corps, Nowshera . . . . .	...	...	...	...	...	5	5	...	...	...	23	23	...	...	...
428	51st S. Camel Corps, Nowshera . . . . .	...	...	...	...	...	2	2	...	...	...	26	26	...	...	...
429	53rd Camel Corps, Sargodha . . . . .	...	...	...	...	...	...	...	...	39	...	...	39	...	...	...
430	61st G. Camel Corps, Loralai . . . . .	...	...	...	...	...	...	...	...	235	...	...	235	...	...	...
431	65th Camel Corps, Loralai . . . . .	...	...	...	...	...	...	...	...	185	...	...	185	...	...	...
432	67th G. Camel Corps, Loralai . . . . .	...	...	...	...	...	...	...	...	90	...	...	90	...	...	...
433	No. 1, Mule Depôt, Sialkot . . . . .	16	83	27	15	12	391	544	...	613	57	779	1,449	9	...	...
434	No. 2, Mule Depôt, Amritsar . . . . .	125	117	88	15	24	593	962	...	986	...	...	986	5	...	...
435	No. 3, Mule Depôt, Meerut . . . . .	132	161	135	39	186	508	1,161	80	776	120	200	1,176	112	...	...
436	No. 4, Mule Depôt, Karachi . . . . .	36	15	...	...	...	53	104	...	258	15	67	340	1	...	...
437	Supply and Transport Details, and Remount Training Depôts.	186	342	140	7	5	1,512	2,192	6	1,743	184	635	2,568	3	...	...
438	Other Corps (Details) . . . . .	373	1,119	401	1,542	748	3,406	7,589	11	1,915	716	1,103	3,745	134	92	3
SUMMARY.																
1	NORTHERN ARMY . . . . .	15,618	26,678	10,588	28,407	7,204	32,590	121,085	480	37,125	7,069	13,674	59,246	1,158	3,437	3
2	SOUTHERN ARMY . . . . .	9,501	9,960	2,450	5,624	587	50,748	79,200	78	20,052	2,870	22,207	45,207	2,696	5,688	438
3	EXTRA INDIA NOT IN INDIAN COMMAND . . . . .	21	299	105	2	...	65	492	...	1,288	64	253	1,605	...	...	...
4	ARMY OF INDIA . . . . .	25,440	36,967	13,143	34,033	7,791	83,403	200,777	558	58,463	10,003	36,134	106,058	3,854	9,125	441

\*This total should agree with the total number borne on the roll of the regiment.

XXIV-B.—Deaths\* (Actuals).

	Northern Army.	Southern Army.	Extra India not in the Indian Command.	Line of March in India.	Army of India.
uts . . . . .	86	101	...	..	187
. . . . .	193	81	2	...	276
as or other Hill Hindus . . . . .	97	12	1	...	110
orkhas . . . . .	237	36	...	...	273
arhwalis . . . . .	39	5	...	...	44
ther Hindus . . . . .	394	366	...	...	760
TOTAL HINDUS . . . . .	1,046	801	3	...	1,850
as . . . . .	...	...	...	..	...
bi Musalmans . . . . .	357	172	7	...	536
Indus Pathans . . . . .	29	9	...	...	38
Musalmanas . . . . .	86	156	1	..	243
TOTAL MUSALMANS . . . . .	472	337	8	...	817
Christians . . . . .	10	24	...	...	34
as . . . . .	13	28	...	...	41
. . . . .	...	...	...	...	...
TOTAL . . . . .	1,541	1,190	11	...	2,742

\*Deaths among the Indian officers and men present, excluding men on sick leave or furlough.



III.—PRISONERS, 1919.

# TABLE D.

## JAILS by ADMINISTRATIONS

JAILS.	Height above the sea-level in feet.*	Authority for height.†	JAILS.	Height above the sea-level in feet.*	Authority for height.†	JAILS.	Height above the sea-level in feet.*
<b>ANDAMANS:—</b> Port Blair Convict Settlement	85	S. G.	<b>BIHAR AND ORISSA:—contd.</b> Hazaribagh, Central	1,997	S. G.	<b>PUNJAB:—contd.</b> Mianwali	655
<b>BURMA:—</b> Mergui	14	S. G.	Gaya, Central	375	M. D.	Lyallpur	...
Tavoy	60	"	Bhagalpur, Central	147	S. G.	Jhang	...
Moulmein	288	"	Monghyr	148	"	Montgomery, Central	600
Shwegyin	128	"	Darbhanga	167	"	Multan, Central	402
Toungoo	156	"	Champaran (Motihari)	217	"	" District	395
Rangoon, Central, Europeans	14	"	Muzaffarpur	179	"	Dera Ghazi Khan	...
" Indians	...	"	Patna (Bankipore)	177	"		
Maubin	...	"	Arrah (Shahabad)	191	"		
Myaungmya, Central	...	"	Chapra (Saran)	181	M. D.		
Bassein, Central	40	S. G.	Buxar, Central	204	S. G.	<b>N.-W. F. PROVINCE:—</b> Peshawar	1,165
Insein	34	"	Sambalpur	500	"	Kohat	1,768
Henzada	44	"				Bannu	1,279
Myanaung	74	"	<b>UNITED PROVINCES OF AGRA AND OUDH:—</b> Korantadih (Ballia)	...	"	Dera Ismail Khan	571
Sandoway	...	"	Ghazipur	227	S. G.	Abbottabad	4,166
Kyaukpyu	...	"	Azamgarh	256	"		
Akyab	32	S. G.	Gorakhpur	255	"	<b>BALUCHISTAN:—</b> Sibi	489
Paungde	...	"	Basti	292	"	Quetta	5,511
Prone	149	S. G.	Fyzabad	336	"		
Thayetmyo, Central	145	"	Sultanpur	305	I. B.		
Taungdwingyi	492	"	Rai Bareilly	351	S. G.		
Magwe	...	"	Partabgarh	317	"	<b>RAJPUTANA:—</b> Ajmer	1,627
Yamethin	653	S. G.	Jaunpur	263	"		
Meiktila	860	"	Benares, Central	256	"		
Pagan	...	"	" District	283	"		
Myingyan, Central	243	S. G.	Mirzapur	298	"	<b>CENTRAL PROVINCES:—</b> Sangor	1,753
Mandalay	249	"	Allahabad, Central (Naini)	298	"	Jubbulpore, Central	1,366
Monywa	250	"	" District	...	"	Narsinghpur	1,305
Shwebo	600	M. O.	Karwi	...	"	Bilaspur	887
Mogok	...	"	Banda	415	S. G.	Raipur, Central	968
Bhamo	351	S. G.	Fatehpur	373	"	Chhindwara	2,236
Katha	329	"	Hamirpur	367	"	Hoshangabad	1,030
Kindat	361	"	Orai (Jalaun)	...	"	Nimar (Khandwa)	1,042
Maymyo	3,508	"	Cawnpore	417	S. G.	Nagpur, Central	1,025
<b>ASSAM:—</b> Cachar (Silchar)	104	M. D.	Unao	412	"	Bhandara	861
Jorbat	295	S. G.	Lucknow, Central	400	"	Yeotmal	1,476
Dibrugarh	342	"	Lucknow, District	378	"	Amraoti	1,194
Tezpur	202	"	Barabanki	...	"	Akola	920
Nowgong	208	"	Gonda	...	"	Buldana	2,132
Gauhati	134	I. B.	Babraich	398	S. G.		
Dhubri	158	"	Kheri	471	"	<b>HYDERABAD RESIDENCY JAIL:—</b> Secunderabad	1,732
Sylhet	257	M. D.	Sitapur	449	"		
Aijal	3,917	S. G.	Hardoi	462	"	<b>BOMBAY:—</b> Shikarpur	194
Kohima	4,500	I. B.	Etawah	498	"	Sukkur	...
Snillong	4,987	"	Mainpuri	511	"	Sind Gang	...
<b>BENGAL:—</b> Mymensingh	59	M. D.	Etah	559	"	Hyderabad, Central	134
Dacca, Central	20	"	Fatehgarh, Central	444	I. B.	Karachi	28
Tippera (Comilla)	36	"	" District	507	S. G.	Rajkot	414
Chittagong	87	"	Shahjahanpur	614	"	Ahmedabad, Central	170
Noakhali	43	"	Pilibhit	...	"	Dhulia	842
Bakarganj (Barisal)	13	"	Bareilly, Central	560	"	Yerowda, Central (Pawna)	1,951
Khulna	...	"	" District	...	"	Bijapur	1,998
Jessore	33	"	Juvenile	...	"	Deccan Gang	...
Baraset	...	"	Budaun	544	"	Dharwar	2,385
Presidency, Central (Europeans)	17	S. G.	Aligarh	610	"	Thana	24
Presidency Central (Indians)	...	"	Bulandshahr	727	"	Bombay, Common	20
Alipore Central (Europeans)	...	"	Moradabad	655	"	" House of Correction	...
Alipore, Central (Indians)	21	I. B.	Bijnor	772	"	Ratnagiri	110
" Juvenile	...	"	Dehra Dun	2,229	"	Karwar	12
Howrah	21	"	Saharanpur	903	"	Aden	26
Hooghly	34	S. G.	Muzaffarnagar	799	"	<b>MADRAS:—</b> Cannanore, Central	47
Burdwan	97	"	Meerut	739	"	Bellary	1,483
Krishnagar (Nadia)	32	"	Muttra	576	"	Salem	919
Faridpur	22	"	Agra, Central	554	"	Coimbatore	1,433
Pabna	...	"	" District	860	"	Palamcottah	129
Murshidabad (Berhampore)	67	M. D.	Jhanai	...	"	Madra	438
Rajshahi, Central (Rampur Boalia)	70	"	Lalitpur	...	"	Trichinopoly, Central	274
Bogra	61	"	Almora	5,494	S. G.	Tanjore	193
Malda	72	"	Pauri	6,400	M. D.	Cuddalore	19
Dinaipur	116	S. G.	Naini Tal	...	"	Vellore, Central	698
Rangpur	108	"	<b>DELHI PROVINCE:—</b> Delhi	715	S. G.	Madras, Civil	15
Jalpaiguri	280	"	<b>PUNJAB:—</b> Rohtak	712	S. G.	" Penitentiary, Central	112
Suri (Birbhum)	...	"	Hissar	689	I. B.	Rajahmundry, Central	14
Bankura	298	M. D.	Ambala	902	"	Vizagapatam	79
Midnapore, Central	149	M. D.	Ludhiana	806	"		
Darjeeling	7,168	S. G.	Jullundur	900	"	<b>COORG:—</b> Mercara	3,803
<b>BIHAR AND ORISSA:—</b> Purneah	121	S. G.	Ferozepore	645	"		
Naya Dumka	480	M. D.	Lahore, Central	706	"		
Balasure	59	S. G.	" Borstal Central	...	"		
Cuttack	74	"	" Female	...	"		
Puri	17	"	Dhariwal Camp	...	"		
Angul	...	"	Gurdaspur	...	"		
Chaibassa (Singbhum)	745	S. G.	Gujranwala	...	"		
Purulia (Manbhum)	...	"	Sialkot	829	S. G.		
Ranchi (Lehardaga)	2,164	S. G.	Jhelum	827	"		
Palamau (Daltonganj)	...	"	Khewra Camp	...	"		
			Rawalpindi	1,707	S. G.		
			Campbellpore	1,200	M. O.		
			Shahpur	644	S. G.		

\* These are not the exact heights of the jails themselves above sea-level, but usually those of the survey-marks or of the mercury-surface in Barometers at the stations in which the jails are situated.  
 † S. G. = Surveyor-General of India; I. B. = Intelligence Branch of the Division of the Chief of the Staff; M. D. = Meteorological Department; M. O. = Medical Officers in charge of Station Hospitals in their Sanitary Reports.

TABLE XXV.

RATIOS of ADMINISTRATIONS.

The ratios of admissions and deaths to strength are taken from Table XXVII.

	RATIOS PER 1,000 OF THE AVERAGE STRENGTH.												
	Burma.	Assam.	Bengal.	Bihar and Orissa.	United Provinces.	Punjab.	N.-W.F. Pro- vince.	Central Provinces.	Bombay.	Madras.	India.*	Anda- mans.	India.†
AVERAGE ANNUAL STRENGTH . . . . .	13,387	2,071	14,611	8,770	30,891	14,301	2,367	4,212	12,108	11,496	115,499	12,309	127,808
PERCENTAGE OF CONSTANTLY SICK RATE OF THE YEAR . . . . .	19'6	48'3	58'7	51'8	17'6	37'3	21'5	13'3	32'0	25'1	31'0	70'3	34'8
PERCENTAGE OF DEATHS IN SUBSIDIARY JAILS AND HOUSES . . . . .	...	44'6	55'2	49'1	...	36'4	21'3	13'5	27'7	21'4	27'3	...	30'9
MORBIDITY RATE OF THE YEAR—													
Cholera . . . . .	23'7	148'7	143'0	130'1	43'8	1'9	17'7	6'7	37'6	191'5	69'3	18'6	64'4
Dysentery . . . . .	5'8	1'4	3'1	6'8	1'1	7'3	...	2'1	1'0	3'0	2'4	...	2'2
Small-pox . . . . .	1'0	7'5	7'8	1'9	1'9	7'7	7'8	1'9	1'2	1'5	1'3	1'1	1'2
Bacterial Fever . . . . .	1'3	1'0	7'8	7'9	7'3	7'3	3'4	...	1'1	7'3	7'6	1'1	7'7
Malaria . . . . .	29'0	116'9	407'1	293'6	147'3	330'1	286'0	53'4	227'4	24'4	197'8	1,204'7	294'7
Mad-dly Fever . . . . .	...	...	...	...	...	...	7'4	7'2	...	...	7'0	...	7'0
Septicæmia of uncertain origin . . . . .	23'5	122'2	7'3	23'0	1'2	54'1	7'4	11'2	7'3	6'4	15'5	2'0	14'2
Tuberculosis of the lungs . . . . .	16'8	4'8	8'1	16'0	7'4	7'6	6'8	4'3	7'6	11'7	9'5	7'1	9'2
Pneumonia . . . . .	5'2	7'2	12'2	10'0	14'3	19'3	14'8	9'0	27'5	5'2	13'6	12'5	13'5
Respiratory Diseases . . . . .	7'6	26'5	53'2	51'1	20'6	46'2	24'9	14'2	41'5	16'4	30'7	56'2	33'2
Dysentery . . . . .	31'7	56'0	178'8	201'4	39'9	9'6	26'2	23'5	78'5	76'2	72'2	130'6	77'8
Diarrhœa . . . . .	4'9	188'3	160'4	131'8	19'2	39'7	19'4	13'8	60'0	5'7	54'7	48'6	54'1
Scald Diseases . . . . .	1'1	7'5	...	7'2	7'0	1'3	...	...	7'1	7'1	7'2	7'2	7'2
Scarlet fever . . . . .	7'7	7'5	7'3	7'1	7'5	7'4	7'4	7'2	11'6	7'1	1'6	4'1	1'8
Septicæmia and Debility . . . . .	3'5	2'4	8'9	16'4	6'6	22'0	3'0	2'1	1'1	4'3	8'1	2'4	7'5
Wound, Ulcer and Boil . . . . .	22'1	63'7	94'7	62'6	53'9	124'1	41'8	46'3	73'4	20'4	64'1	57'3	63'4
ALL CAUSES . . . . .	344'4	1,033'3	1,428'5	1,251'3	514'8	1,003'1	607'5	324'5	886'1	560'3	781'5	1,810'5	880'6
PERCENTAGE OF DEATHS IN SUBSIDIARY JAILS AND HOUSES . . . . .	...	959'6	1,385'1	1,217'7	...	985'2	607'7	333'0	854'9	594'3	718'2	...	808'5
MORTALITY RATE OF THE YEAR—													
Cholera . . . . .	3'29	1'45	1'23	2'96	7'58	1'14	...	7'95	7'66	1'48	1'21	...	1'10
Small-pox . . . . .	7'45	...	7'34	7'23	7'06	...	...	...	7'08	7'35	7'18	...	7'16
Bacterial Fever . . . . .	7'30	7'48	7'14	7'23	7'06	...	7'84	...	...	7'17	7'14	7'57	7'18
Malaria . . . . .	7'30	7'97	7'110	7'125	7'139	7'147	...	7'95	7'83	7'52	7'106	7'487	7'142
Mad-dly Fever . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Septicæmia of uncertain origin . . . . .	7'07	...	...	7'13	7'10	7'14	...	...	...	...	7'07	7'16	7'08
Tuberculosis of the lungs . . . . .	6'13	7'97	2'26	3'88	2'14	2'73	1'27	1'42	2'97	5'13	3'12	4'39	3'24
Pneumonia . . . . .	2'17	7'48	1'98	3'42	4'11	4'82	3'38	1'90	7'10	1'83	3'60	6'26	3'86
Respiratory Diseases . . . . .	7'22	1'45	7'62	7'57	1'33	7'98	1'27	7'71	1'07	7'87	7'94	2'19	1'66
Dysentery . . . . .	3'73	7'48	4'93	16'19	3'59	7'28	2'96	1'66	1'73	5'83	4'20	9'99	4'76
Diarrhœa . . . . .	7'30	7'97	7'82	3'31	1'62	1'40	...	1'66	1'24	7'52	1'28	1'38	1'29
Hepatic Abscess . . . . .	7'07	...	...	7'11	...	...	...	...	...	7'09	7'03	7'16	7'04
Septicæmia and Debility . . . . .	7'15	...	7'55	7'91	7'32	1'05	7'84	...	7'08	7'09	7'42	7'16	7'19
Empyema, Slough, and Gangrene . . . . .	...	...	7'14	...	7'06	7'07	...	7'24	...	7'09	7'06	7'16	7'07
ALL CAUSES . . . . .	28'54	24'63	22'93	46'64	24'67	21'89	22'39	16'38	23'37	37'06	26'97	45'82	28'79
PERCENTAGE OF DEATHS IN SUBSIDIARY JAILS AND HOUSES . . . . .	...	24'21	22'97	44'83	...	21'46	21'66	18'77	23'10	34'17	24'76	...	26'50

\* Including Delhi, Sibi, Quetta, Ajmer, Secunderabad, Mercara and excluding Andamans.  
 † Including Delhi, Sibi, Quetta, Ajmer, Secunderabad, Mercara and Andamans.

TABLE XXVI.

RATIOS of GEOGRAPHICAL GROUPS.

The ratios of admissions and deaths are taken from Table XXVII.

	RATIOS PER 1,000 OF THE AVERAGE STRENGTH.											
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
	Burma Coast and Bay Islands.	Burma Inland.	Assam.	Bengal and Orissa.	Gangetic Plain and Chutia Nagpur.	Upper Sub-Himalaya.	N.-W. Frontier, Indus Valley, and N.-W. Rajputana.	S.-E. Rajputana, Central India and Gujarat.	Deccan.	Western Coast.	Southern India.	Hill
<b>I.—AVERAGE ANNUAL STRENGTH</b>	8,531	4,399	1,965	15,797	27,409	16,112	11,474	5,187	10,176	2,818	10,368	1,111
<b>II.—CONSTANTLY SICK RATE OF THE YEAR</b>	17.1	25.7	49.4	57.7	25.4	28.5	38.5	11.6	25.1	30.9	24.1	24.1
<b>III.—ADMISSION RATE OF THE YEAR—</b>												
Influenza	30.6	9.8	156.7	143.7	79.1	4.7	19.0	...	21.9	94.7	200.2	82.1
Cholera	2.5	12.7	1.5	3.5	2.7	.2	.3	.2	2.1	11.7	.6	...
Small-pox	.2	2.5	.5	1.0	1.8	.9	1.5	1.5	1.0	2.8	1.4	1.1
Enteric Fever	1.2	1.6	1.0	.9	.4	.1	1.0	.8	.1	.7	.2	...
Malaria	30.9	25.0	102.8	392.0	194.4	256.6	363.1	70.9	131.8	108.9	24.0	133.1
Sandfly Fever	...	...	...	...	...	...	.1	...	.1	...	...	...
Pyrexia of uncertain origin	19.5	28.0	123.7	1.9	7.0	38.5	14.8	.2	13.2	1.1	6.8	31.1
Tubercle of the lungs	16.2	19.8	5.1	8.4	10.5	6.9	6.2	7.3	6.0	14.2	11.2	5.1
Pneumonia	4.6	7.0	6.1	12.3	11.8	17.3	32.3	13.5	14.6	12.1	5.2	11.1
Respiratory Diseases	7.0	7.3	27.5	53.4	27.8	43.9	27.4	31.0	29.2	35.1	15.5	44.1
Dysentery	25.4	46.4	32.9	181.9	81.7	24.5	20.8	33.5	70.5	141.6	63.6	92.1
Diarrhoea	5.6	3.9	192.9	159.2	52.2	35.7	42.2	9.1	56.3	41.2	3.8	79.1
Spleen Diseases	.1	...	.5	...	.2	.8	.5	...	.1	...	.1	...
Scurvy	.6	1.1	.3	.3	.6	.1	12.1	.4	.6	...	.1	.5
Anæmia and Debility	4.0	2.7	2.5	9.7	8.9	15.9	11.2	4.8	1.5	3.9	4.1	6.1
Abscess, Ulcer and Boil	25.6	13.0	61.1	91.8	62.9	93.5	110.9	18.5	61.0	13.8	21.0	69.7
<b>ALL CAUSES</b>	<b>306.5</b>	<b>424.2</b>	<b>1,031.6</b>	<b>1,414.2</b>	<b>742.6</b>	<b>825.9</b>	<b>921.3</b>	<b>279.0</b>	<b>685.7</b>	<b>778.9</b>	<b>544.0</b>	<b>776.2</b>
<b>IV.—DEATH RATE OF THE YEAR—</b>												
Cholera	1.41	2.27	1.53	1.52	1.17	.06	.17	.19	1.28	5.68	.39	...
Small-pox	.12	1.14	...	.32	.15	...	.09	...	...	.35	.29	.86
Enteric Fever	.12	.68	.51	.19	.07	.06	.17	.19	...	.35	.10	...
Malaria	.23	.45	.51	1.20	1.09	1.30	1.39	2.12	.79	1.06	.48	3.44
Sandfly Fever	...	...	...	...	...	...	...	...	...	...	...	...
Pyrexia of uncertain origin	.12	...	...	...	.11	.19	.09	...	...	...	...	...
Tubercle of the lungs	4.81	9.32	1.02	2.47	3.03	.62	3.57	2.12	2.46	6.74	4.53	...
Pneumonia	1.99	2.73	...	2.15	3.90	4.01	8.19	3.47	3.34	5.32	1.54	3.44
Respiratory Diseases	.23	.23	1.53	.57	1.20	1.18	1.39	1.16	.69	.71	.96	...
Dysentery	3.16	5.43	.51	6.65	6.90	1.12	1.74	2.70	1.57	7.45	4.73	1.72
Diarrhoea	.12	.68	.51	1.20	1.74	1.86	1.39	.96	1.67	2.13	.19	.86
Hepatic Abscess	.12	...	...	...	.04	...	...	...	...	...	.10	...
Anæmia and Debility	.23	...	...	.63	.51	.25	1.13	.39	...	...	.10	.86
Phagedæna, Slough and Gangrene	...	...	...	.13	.07	...	.09	...	.10	...	.10	...
<b>ALL CAUSES</b>	<b>22.62</b>	<b>42.74</b>	<b>23.92</b>	<b>26.33</b>	<b>31.23</b>	<b>17.44</b>	<b>29.11</b>	<b>19.86</b>	<b>19.95</b>	<b>52.16</b>	<b>31.15</b>	<b>19.79</b>

\* Including Aden.

TABLE XXVII.

RATIOS of FAILS, GROUPS, and ADMINISTRATIONS.

JAILS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE PER 1,000 OF STRENGTH.										Average number constantly sick per 1,000 of strength.
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyæmia of uncertain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscesses.	Spleen Diseases.	Scurvy.	Anæmia and Debility.	Abscess, Ulcer, and Boil.	Phagedæna, Slough, and Gangrene.	ALL CAUSES.		
ngui . . . . .	96	104.2	...	...	...	270.8	...	...	...	10.4	135.0	...	...	...	...	...	125.0	...	1,020.8	31.2		
oy . . . . .	134	...	...	...	...	52.2	...	7.5	14.9	...	269.0	7.5	...	...	...	14	14.9	...	470.1	29.9		
almein . . . . .	579	67.4	6.9	...	...	6.9	...	38.0	27.6	6.9	5.2	32.8	6.9	...	6.9	...	38.0	...	357.3	38.0		
wegyin . . . . .	151	291.4	...	...	...	13.2	...	13.2	...	20.5	...	39.6	...	...	...	...	6.6	...	443.7	19.9		
ngoo . . . . .	472	...	...	...	...	21.2	...	46.6	8.5	2.1	2.1	40.3	10.6	...	...	12.7	72.0	...	345.3	12.7		
ngoon, Central (Europeans).	24	250.0	...	...	...	...	...	...	...	...	...	83.3	83.3	...	...	...	...	...	583.3	41.7		
ngoon, Central (Indians).	2,036	35.9	5	5	1.0	6.9	...	32.4	3.9	3.4	5.9	5.4	...	...	...	2.5	8.4	...	176.8	11.8		
ubin . . . . .	196	...	...	...	...	15.3	...	61.2	...	...	15.3	...	...	...	...	5.1	15.3	...	204.1	10.2		
ungmya, Central.	970	4.1	...	1.0	2.1	9.3	...	3.1	5.2	1.0	1.0	32.1	3.1	1.0	...	1.0	9.3	...	150.5	12.4		
sein, Central	919	2.2	...	...	...	26.1	...	50.1	...	...	7.6	10.9	...	...	1.1	2.2	23.9	...	211.6	18.5		
ein, Central	1,814	39.1	8.8	...	2.8	20.9	...	28.1	24.3	3.9	11.6	35.3	11.0	...	6	5.0	30.9	...	311.5	18.7		
nzada . . . . .	471	2.1	...	...	2.1	163.5	...	6.4	...	8.5	25.5	2.1	2.1	...	...	10.6	31.8	...	520.5	14.9		
yansung . . . . .	65	15.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30.8	...	215.4	15.4		
adoway . . . . .	63	...	...	...	...	15.9	...	...	...	...	...	...	...	...	...	31.7	31.7	...	79.4	2.3		
aukpya . . . . .	93	...	...	...	...	53.8	...	...	...	10.8	21.5	10.8	...	...	...	10.8	...	...	161.3	10.8		
ryab . . . . .	448	22.3	...	...	...	98.2	...	11.2	4.5	15.6	4.5	8.9	2.2	...	...	...	46.9	...	866.1	20.1		
GROUP I.—BURMA COAST AND BAY ISLANDS	8,531	30.6	2.5	2	1.2	30.9	...	19.5	16.2	4.6	7.0	25.4	5.6	1	1	6	4.0	25.6	300.5	17.1		
ungde . . . . .	124	...	...	...	...	48.4	...	...	...	...	...	80.6	32.3	...	...	...	...	...	524.2	24.2		
ome . . . . .	459	...	4.4	...	...	24.0	...	...	2.2	6.5	...	17.4	2.2	...	...	...	15.3	...	176.6	6.5		
hayetmyo, Central.	799	...	2.18	...	...	...	...	...	2.18	4.36	...	2.18	...	...	...	...	...	...	17.43	7.5		
ungwingyi . . . . .	57	...	...	...	...	17.5	...	...	...	...	35.1	...	17.5	...	...	17.5	35.1	...	210.5	6.5		
agwe . . . . .	180	5.6	...	...	...	11.1	...	5.6	...	5.6	5.6	5.6	...	...	...	...	38.9	...	111.1	5.6		
amethin . . . . .	112	...	...	...	...	17.9	...	...	...	8.9	...	26.8	8.9	...	...	8.9	17.9	...	205.4	20.8		
teiktila . . . . .	106	56.6	...	...	...	...	...	18.9	...	9.4	9.4	...	...	...	...	...	9.4	...	150.9	9.4		
agan . . . . .	97	...	...	...	...	30.9	...	...	...	...	10.3	72.2	10.3	...	...	...	20.6	...	309.3	30.9		
yingyan, Central.	872	...	61.9	11.5	1.1	18.3	...	34.4	80.3	2.3	25.2	95.2	1.1	...	...	4.6	1.1	...	650.4	67.7		
Mandalay, Central	1,690	...	38.55	5.73	1.15	...	...	...	34.40	...	...	6.88	1.15	...	...	...	...	...	116.97	24.8		
doywa . . . . .	138	...	...	...	...	20.0	...	...	7.2	7.2	...	14.5	14.5	...	...	...	14.5	...	173.9	14.5		
hwebo . . . . .	166	66.3	...	...	...	36.1	...	60.2	6.0	12.0	...	6.0	...	...	...	...	...	...	265.1	6.0		
dogok . . . . .	79	...	...	...	...	12.7	...	...	...	25.3	...	...	...	...	...	25.3	...	...	139.2	25.3		
hhamo . . . . .	46	...	...	...	...	...	...	65.2	...	21.7	...	43.5	...	...	...	21.7	43.5	...	326.1	21.7		
Katha . . . . .	74	27.0	...	...	...	189.2	...	...	...	13.5	...	81.1	...	...	...	...	54.1	...	301.9	13.5		
GROUP II.—BURMA INLAND.	4,399	9.8	12.7	2.5	1.6	25.0	...	28.0	19.8	7.0	7.3	46.4	3.9	...	...	1.1	2.7	13.0	424.2	15.7		

\* Worked on the aggregates.

TABLE XXVII—continued.  
RATIOS of JAILS, GROUPS, and ADMINISTRATIONS.

JAILS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE PER 1,000 OF STRENGTH.										Average number.
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Spleen Diseases.	Scurvy.	Anæmia and Debility.	Abscess, Ulcer, and Boil.	Phagedæna, Slough and Gangrene.	ALL CAUSES.		
Cachar . . .	124	162.4	...	...	...	145.2	...	24.2	8.1	...	24.2	32.3	371.0	...	...	8.1	...	169.4	...	1,330.6		
Jorhat . . .	237	...	...	...	...	76.0	...	16.9	...	8.4	21.1	71.7	29.5	...	...	...	...	113.9	...	476.8		
Dibrugarh . . .	149	181.2	6.7	...	...	16.8	...	154.4	...	...	26.8	147.7	221.5	...	...	...	...	94.0	...	1,221.3		
Tezpur . . .	237	33.8	4.22	...	...	147.7	...	54.9	16.9	4.2	12.7	...	379.7	...	4.2	...	...	12.7	...	1,025.3		
Nongong . . .	75	...	26.7	...	...	40.0	...	80.0	...	13.3	13.3	40.0	...	...	...	...	...	80.0	...	760.0		
Gauhati . . .	326	15.3	9.20	...	...	6.1	3.07	82.8	...	3.1	21.5	42.9	150.3	95.1	...	...	...	12.3	30.7	751.5		
Jhubri . . .	55	18.2	...	...	...	200.0	...	18.2	18.2	...	54.5	145.5	54.5	...	...	...	...	18.2	54.5	781.8		
Jylhet . . .	762	122.8	14.44	...	1.3	112.9	...	252.0	5.2	1.3	27.6	1.3	221.8	...	...	...	...	47.2	...	1,384.8		
GROUP III.—Assam.	1,065	157.6	8.65	1.5	1.5	1.0	102.8	...	123.7	5.1	6.1	27.5	52.9	192.9	...	5	5	2.5	61.1	...	1,031.6	
Mymensingh . . .	799	6.3	3.75	32.5	11.26	1.3	383.0	...	18.8	11.3	78.8	231.5	264.1	...	...	1.3	1.8	52.6	1.5	1,499.4		
Dacca, Central	1,152	216.1	16.49	...	2.6	...	203.1	...	3.5	6.9	96.4	95.5	64.2	...	...	...	...	16.5	90.3	1,059.9		
Tippera . . .	709	486.6	1.41	12.7	5.04	...	355.4	...	7.1	7.1	24.0	394.9	128.3	...	...	...	...	1.4	73.3	1,859.0		
Chittagong . . .	216	...	...	4.6	4.63	...	736.1	...	9.3	18.5	...	46.3	83.3	171.3	...	...	...	9.3	60.2	1,472.2		
Noakhali . . .	123	...	32.5	8.1	16.26	8.13	349.6	...	...	8.1	56.9	374.0	252.0	...	...	...	...	...	89.4	1,447.2		
Bakarganj . . .	890	297.8	5.62	2.2	...	...	168.5	...	...	5.6	43.8	270.8	286.5	...	...	...	...	1.1	123.6	1,792.2		
Khulna . . .	222	297.3	31.53	9.0	4.50	9.0	189.2	...	4.5	40.5	13.5	486.5	31.5	...	...	...	...	...	58.6	1,247.7		
Jessore . . .	336	3.0	...	...	...	...	461.3	...	3.0	6.0	17.9	131.0	302.9	431.5	...	...	...	...	71.4	1,612.9		
Baraset, Presidency, Central (Europeans)	119	...	...	...	...	1,403.4	...	...	8.4	58.6	75.6	235.3	226.0	...	...	...	...	...	151.3	2,705.9		
Presidency, Central (Indians)	9	...	...	...	...	...	...	...	8.40	16.81	...	8.40	8.40	...	...	...	...	...	...	42.02		
Alipore, Central (Europeans)	57	203.6	5.21	5	5	...	232.3	...	15.1	3.6	55.2	102.1	113.0	...	...	...	...	11.5	132.3	1,301.6		
Alipore, Central (Indians)	1,322	52.6	17.34	...	...	...	421.1	...	...	...	...	70.2	17.5	...	...	...	...	35.1	140.4	1,491.2		
Alipore, Juvenile	225	46.9	4.54	...	...	...	242.8	...	3.8	8	13.6	64.3	...	...	...	...	...	2.3	11.3	80.2		
Howrah . . .	96	60.2	31.25	...	...	...	416.7	...	10.4	10.4	208.3	93.8	322.9	...	...	...	...	...	72.9	2,093.8		
Hooghly . . .	458	24.0	...	...	...	...	349.3	...	6.6	15.3	4.4	89.5	238.0	...	...	...	...	6.6	85.2	1,152.8		
Burdwan . . .	289	79.6	...	...	...	...	740.5	...	6.55	2.18	...	6.55	2.18	...	...	...	...	...	4.37	24.02		
Krishnagar . . .	253	67.2	...	...	...	...	695.7	...	3.5	34.6	93.4	352.9	340.0	...	...	...	...	...	6.92	2,429.8		
Faridpur . . .	445	...	...	...	...	...	355.1	...	15.8	7.9	79.1	130.4	181.8	...	...	...	...	...	43.5	2,146.2		
Pabna . . .	228	175.4	...	...	...	...	399.1	...	9.0	9.0	24.7	427.0	62.9	...	...	...	...	...	65.2	1,270.4		
Murshidabad . . .	395	855.7	...	...	...	...	270.9	...	...	...	15.73	...	...	...	...	...	...	...	...	17.98		
Rajshahi, Central.	1,068	...	...	...	...	...	559.0	...	4.4	30.7	35.1	144.7	127.2	...	...	...	...	4.4	92.1	1,412.3		
Bogra . . .	297	33.7	16.84	...	...	...	272.7	...	4.39	...	...	...	...	...	...	...	...	...	...	13.16		
Malda . . .	148	...	...	6.8	6.76	...	1,864.9	...	5.1	10.1	78.5	111.4	22.8	...	...	...	...	7.6	58.2	1,024.1		
Dinaipur . . .	413	113.8	...	...	...	...	261.5	...	...	2.53	2.53	...	...	...	...	...	...	...	...	5.06		
Ringpur . . .	340	2.9	...	2.9	2.9	...	667.6	...	4.7	24.3	64.6	97.4	56.2	...	...	...	...	...	57.1	1,075.8		
									94	94	94	94	...	...	...	...	...	...	...	9.36		
									20.2	30.3	30.3	420.9	229.0	...	...	...	...	...	20.2	64.0	1,471.4	
									6.73	6.73	...	...	...	...	...	...	...	...	...	47.14		
									...	40.5	...	283.8	195.9	...	...	...	...	6.8	27.0	2,645.6		
									...	6.76	...	20.27	13.51	...	...	...	...	...	...	60.81		
									2.4	0.7	14.5	159.8	58.1	...	...	...	...	14.5	79.9	835.4		
									...	4.84	...	2.42	...	...	...	...	...	...	...	14.53		
									23.5	2.9	105.9	385.3	658.8	...	...	...	...	11.8	85.3	2,608.8		
									...	2.94	14.71	...	...	...	...	...	...	...	...	17.65		

1. ADMISSION RATE.

2. DEATH RATE, PER 1,000 OF STRENGTH.

DISEASES AND GROUPS.	Average annual strength.	1. ADMISSION RATE.							2. DEATH RATE, PER 1,000 OF STRENGTH.											Average number constantly sick per 1,000 of strength.	
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhœa.	Hepatic Abscess.	Spleen Diseases.	Scurvy.	Anæmia and Debility.	Abscess, Ulcer, and Boil.	Phagedæna, Slough, and Gangrene.		ALL CAUSES.
Bihar	237	12.7	...	...	...	1,059.1	...	...	...	67.5	33.8	270.1	455.7	...	...	25.3	84.4	...	2,531.6	109.7	
	...	...	...	...	4.22	...	...	...	...	12.66	...	12.66	...	...	...	8.44	...	...	42.19	...	
Bengal	273	...	...	...	...	95.2	...	...	...	11.0	3.7	29.3	95.2	76.9	...	7.3	44.0	...	538.5	22.0	
	...	...	...	...	...	...	...	...	...	3.66	...	...	...	...	...	...	...	...	7.33	...	
Bihar	165	...	30.3	...	18.2	284.8	...	...	...	18.2	12.1	42.4	218.2	193.9	...	6.1	103.0	...	1,175.8	30.3	
	...	...	18.18	...	6.06	...	...	...	...	18.18	...	...	30.30	24.24	...	...	...	...	109.09	...	
Bihar	304	...	3.3	...	...	319.1	...	...	...	23.0	42.8	32.9	46.1	82.2	...	...	95.4	...	809.2	62.5	
	...	...	3.29	...	...	...	...	...	...	6.58	3.29	...	3.29	...	...	...	...	...	19.74	...	
Bihar	266	...	...	...	...	578.9	...	...	...	11.3	3.8	67.7	120.3	263.2	...	3.8	60.2	...	1,351.4	48.9	
	...	...	...	...	...	3.76	...	...	...	7.52	3.76	...	3.76	...	...	...	...	...	30.08	...	
Bihar	1,181	37.3	...	...	...	668.1	...	...	...	5.9	7.6	47.4	71.1	185.4	...	1.7	138.0	...	1,445.4	55.0	
	...	5.93	...	...	...	85	...	...	...	3.39	85	85	3.39	...	...	85	...	...	17.78	...	
Bihar	151	...	...	...	...	721.9	...	...	...	19.9	39.7	46.4	470.2	278.1	...	21.5	79.5	...	1,874.2	59.6	
	...	...	...	...	...	19.87	...	...	...	13.25	6.62	...	66.23	13.25	...	...	...	...	135.83	...	
Bihar	395	521.5	2.5	10.1	...	43.0	...	...	...	63.3	2.5	5.1	55.7	222.8	...	7.6	68.4	...	1,810.1	60.8	
	...	27.85	...	...	...	...	...	...	...	...	...	5.06	...	2.53	...	...	...	...	49.51	...	
Bihar	170	252.9	5.9	...	...	270.6	...	...	...	17.6	5.9	211.8	235.3	100.0	...	52.9	64.7	...	1,564.7	58.8	
	...	5.88	5.88	...	...	...	...	...	...	...	5.88	...	11.76	5.88	...	5.88	...	...	47.06	...	
Bihar	126	...	33.8	...	...	103.2	...	...	...	7.9	39.7	15.9	476.2	190.5	...	31.7	23.8	...	1,014.9	47.6	
	...	...	7.94	...	...	...	...	...	...	...	7.94	...	119.05	...	...	7.94	...	...	158.73	...	
GROUP IV.— BENGAL AND ASSAM.	18,787	143.7	3.5	1.0	.9	392.0	...	...	...	1.9	8.4	12.3	53.4	181.9	159.2	...	3	9.7	91.8	1,414.2	57.7
...	...	5.00	1.52	.32	.19	1.20	...	...	...	...	2.47	2.15	5.57	6.65	1.20	...	.06	.63	...	26.33	...
Assam	198	35.4	20.2	...	...	232.5	...	...	...	15.2	10.1	60.6	560.6	207.1	...	50.5	191.9	...	2,010.1	65.7	
	...	5.05	10.10	...	...	...	...	...	...	10.10	5.05	...	35.35	...	...	10.10	...	...	80.81	...	
Assam	456	...	2.2	2.2	...	171.1	...	...	...	26.3	24.1	28.5	326.8	208.3	2.2	...	13.2	24.1	...	980.8	32.9
	...	...	2.19	...	...	4.39	...	...	...	10.96	13.16	...	37.28	10.96	2.19	...	...	...	85.53	...	
Assam	242	305.8	4.1	4.1	...	533.1	...	...	...	24.8	4.1	16.5	214.9	70.2	...	16.5	148.8	...	1,747.9	70.2	
	...	4.13	...	...	...	...	...	...	...	4.13	...	4.13	16.53	...	...	...	...	...	37.19	...	
Assam	128	...	195.3	23.4	7.8	187.5	...	...	...	7.8	...	39.1	171.9	187.5	...	7.8	31.3	...	1,085.9	46.9	
	...	...	54.69	7.81	7.81	...	...	...	...	...	...	...	15.63	7.81	...	...	...	...	101.56	...	
Assam	455	6.6	8.8	2.2	...	589.0	...	4.4	26.4	13.2	19.8	613.2	136.3	...	...	19.8	109.9	...	1,857.1	107.7	
	...	...	2.20	...	...	2.20	...	...	4.40	10.99	...	10.110	2.20	...	...	...	...	...	130.26	...	
Assam	912	185.3	...	...	2.2	594.3	...	...	...	27.4	8.8	61.4	4.4	423.2	...	2.2	12.1	96.5	...	1,755.7	54.8
	...	14.25	...	...	...	...	...	...	...	5.48	1.10	...	...	2.19	...	...	1.10	...	30.70	...	
Assam	1,619	241.5	3.1	3.1	...	77.8	...	34.0	24.7	14.2	66.7	180.4	86.5	...	6	2.5	32.1	...	952.4	53.1	
	...	16.67	1.24	...	...	...	...	...	3.09	3.09	62	8.03	4.33	...	...	...	...	...	41.38	...	
Assam	311	...	3.2	3.2	6.4	77.2	...	61.1	12.9	6.4	67.5	131.8	19.3	...	...	41.8	6.4	...	553.1	41.8	
	...	...	3.22	...	...	3.22	...	...	...	...	...	9.65	3.22	...	...	3.22	...	...	35.37	...	
Assam	279	...	2.2	...	...	75.3	...	...	...	7.2	...	7.2	111.1	35.8	...	25.1	53.8	...	487.5	25.1	
	...	...	2.17	...	...	...	...	...	...	...	...	...	7.17	...	...	3.58	...	...	25.09	...	
Assam	329	373.9	...	...	...	145.9	...	...	...	6.1	9.1	15.2	215.8	82.1	...	...	42.6	...	1,091.2	33.4	
	...	3.04	...	...	...	3.04	...	...	...	...	3.04	...	6.08	3.04	...	...	...	...	30.40	...	
Assam	318	26.6	3.1	...	...	110.1	...	...	...	6.3	3.1	59.7	154.1	18.9	...	22.0	22.0	...	730.0	37.9	
	...	...	...	...	...	...	...	...	...	...	3.14	...	12.58	...	...	...	...	...	15.72	...	
Assam	347	...	...	...	...	123.9	...	63.4	8.6	17.3	49.0	132.6	37.5	...	...	2.9	31.7	...	567.7	20.2	
	...	...	...	...	...	...	...	...	...	2.88	8.65	...	...	...	...	...	...	...	17.29	...	
Assam	285	...	3.5	...	...	336.8	...	63.2	3.5	...	91.6	410.5	59.1	...	...	73.7	66.7	...	1,512.3	70.2	
	...	...	...	...	...	10.53	...	...	3.5	...	3.51	3.51	...	...	...	...	...	...	21.05	...	
Assam	257	124.5	3.9	...	...	338.5	...	77.8	...	...	73.9	225.7	151.8	...	...	58.4	93.4	...	1,607.0	58.4	
	...	19.46	3.89	...	...	...	...	...	...	...	3.89	11.67	...	...	...	3.89	...	...	54.47	...	
Assam	1,152	44.3	...	...	...	597.2	...	30.4	11.3	6.1	39.9	54.7	131.1	...	9	10.4	64.2	...	1,364.6	52.1	
	...	2.60	...	...	...	...	...	...	6.08	1.74	8.7	4.34	8.7	...	...	...	...	...	19.10	...	
Assam	84	...	...	...	...	59.5	...	...	...	11.9	...	47.6	...	...	...	...	47.6	...	262.0	11.9	
	...	...	...	...	...	...	...	...	...	...	...	23.81	...	...	...	...	...	...	22.81	...	
Assam	431	...	...	...	...	48.4	...	...	...	4.6	2.3	25.3	2.3	...	...	4.6	80.6	...	241.9	13.8	
	...	...	...	...	...	...	...	...	...	...	...	2.30	...	...	...	2.30	...	...	9.22	...	
Assam	297	...	...	...	...	262.6	...	6.7	6.7	3.4	87.5	67.3	...	...	...	104.4	...	...	649.8	20.2	
	...	...	...	...	...	3.37	...	6.73	6.73	...	3.37	3.37	...	...	...	...	...	...	25.57	...	
Assam	571	...	...	3.5	...	96.3	...	...	...	5.3	10.5	35.0	40.3	43.8	1.8	7.0	24.5	61.3	...	457.1	24.3
	...	...	...	...	5.25	...	...	...	...	7.01	3.50	8.75	14.01	...	...	...	3.50	...	50.79	...	
Assam	420	...	...	2.4	...	59.5	...	9.5	4.8	9.5	9.5	52.4	9.5	...	...	4.8	71.4	...	342.4	16.7	
	...	...	...	...	...	...	...	...	2.38	4.76	2.38	2.38	...	...	...	...	...	...	21.43	...	
Assam	594	136.4	...	5.1	...	268.8	...	...	...	...	8.4	30.3	57.2	60.6	...	11.8	163.3	...	1,028.0	32.0	
	...	1.68	...	...	...	...	...	...	...	...	5.05	3.37	3.37	...	...	...	...	...	26.94	...	
Assam	366	57.4	...	...	...	30.1	...	...	...	2.7	10.9	5.5	8.2	2.7	...	2.7	5.5	35.5	...	245.9	13.7
	...	21.26	...	...	...	...	...	...	...	...	2.73	...	2.73	...	...	...	...	...	32.79	...	
Assam	771	27.2	...	1.3	...	172.5	...	...	...	1.3	2.6	3.9	11.7	18.2	...	1.3	101.2	...	443.0	19.5	
	...	14.27	...	...	...	...	...	...	...	1.30	...	...	1.30	...	...	...	...	...	22.05	...	

TABLE XXVII—continued.  
RATIOS of FAILS, GROUPS, and ADMINISTRATIONS.

JAILS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE, PER 1,000 OF STRENGTH.										Average number prisoners.
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Spleen Diseases.	Scurvy.	Anæmia and Debility.	Abscess, Ulcer, and Boil.	Phagedæna, Slough, and Gangrene.	ALL CAUSES.		
Partabgarh . . . . .	275	36'4	...	...	...	65'5	...	...	10'9	10'9	25'5	43'6	10'9	...	...	10'9	87'3	...	607'3			
Jaunpur . . . . .	290	...	...	3'4	...	103'4	...	...	...	...	10'3	58'6	20'7	...	...	27'6	70'3	...	417'2			
Benares, Central.	1,981	231'2	...	...	...	152'4	...	...	4'0	...	9'6	25'7	18'2	...	...	3'5	9'6	41'9	657'2			
Benares, District.	427	91'3	...	2'3	...	217'8	...	...	11'7	...	42'2	46'8	9'4	...	...	16'4	47	84'3	674'5			
Mirzapur . . . . .	218	...	...	...	4'6	192'7	...	...	...	22'9	22'9	64'2	9'2	...	...	...	4'6	73'4	578'0			
Allahabad, Central.	1,986	218'5	...	...	...	103'2	...	5'0	14'1	21'7	41'8	56'4	46'3	...	...	...	3'5	89'6	932'0			
Allahabad, District.	400	5'0	...	2'5	2'5	70'0	...	5'00	7'5	15'0	32'5	32'5	10'0	...	...	2'5	35'0	400'0				
Karwi . . . . .	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21'3	21'5			
Banda . . . . .	307	...	...	...	3'3	241'1	...	...	3'3	6'5	16'3	182'4	48'8	...	...	...	...	104'2	837'1			
Fatehpur . . . . .	324	...	...	9'3	...	163'6	...	...	3'1	...	34'0	40'1	27'8	...	...	...	6'2	24'7	530'9			
Hamirpur . . . . .	203	...	...	4'8	...	315'8	...	...	...	38'3	28'7	57'4	47'8	...	...	...	...	105'3	803'8			
Orni . . . . .	206	...	...	...	...	621'4	...	...	...	9'7	9'7	344'7	...	...	...	9'7	77'7	1,131'1				
Cawnpore . . . . .	585	...	3'4	3'4	...	44'4	...	...	5'1	6'8	1'7	6'8	13'7	...	...	...	...	18'8	205'1			
Unao . . . . .	375	34'7	...	8'0	...	82'7	...	...	10'7	5'3	10'7	58'7	10'7	...	...	...	5'3	64'0	474'7			
Lucknow, Central.	1,855	12'9	7'5	4'3	...	65'8	...	...	38'8	27'5	3'2	14'0	2'7	...	...	2'2	43'7	5	358'5			
Lucknow, District.	219	36'5	59'4	...	...	103'0	...	...	18'3	4'6	...	36'5	4'6	...	...	9'1	100'5	...	730'6			
Barabanki . . . . .	437	27'5	...	...	...	139'6	...	...	9'2	6'9	20'6	107'6	32'0	...	...	...	2'3	41'2	402'0			
Gonda . . . . .	537	20'5	7'45	...	...	61'5	...	...	3'7	3'7	11'2	1'9	5'6	...	...	...	1'9	59'6	233'3			
Bahraich . . . . .	393	68'7	...	...	...	61'1	...	...	15'3	10'2	...	56'0	...	...	...	...	5'1	25'4	2'5			
Kheri . . . . .	529	207'9	...	3'8	...	49'1	...	...	3'8	7'6	30'2	35'9	9'5	...	...	...	1'9	11'3	427'2			
Sitapur . . . . .	812	22'2	2'46	...	4'9	99'7	...	...	2'5	4'9	17'2	2'5	20'9	8'6	...	...	1'3	60'3	357'1			
Hardoi . . . . .	556	5'4	...	3'6	...	89'9	...	...	1'8	27'0	14'4	28'8	7'2	...	...	...	3'6	27'0	369'4			
Etawah . . . . .	327	...	...	...	...	204'9	...	...	6'1	21'4	33'6	32'0	33'6	...	...	...	...	30'6	498'5			
Mainpuri . . . . .	324	...	...	6'2	...	858'0	...	15'4	...	18'5	21'6	40'1	43'2	...	...	...	...	67'9	1,243'8			
Etah . . . . .	367	8'2	...	2'7	...	204'3	...	...	2'7	19'1	51'8	59'9	10'9	...	...	...	...	13'6	618'5			
Fatehgarh, Central.	2,203	1'6	...	...	...	210'2	...	...	1'8	12'3	32'7	20'4	8'6	...	...	...	8'6	64'5	547'4			
Fatehgarh, District.	305	12'7	...	...	...	470'9	...	...	1'82	2'2	2'27	5'90	...	...	...	...	1'36	...	23'60			
GROUP V.— GANGETIC PLAIN AND CHUTIA NAGPUR.	27,499	29'1	2'7	1'8	...	194'4	...	...	7'0	10'5	11'8	27'8	81'7	52'2	...	...	...	8'9	61'9			
A		5'00	1'17	1'15	...	1'09	...	...	1'11	3'03	3'90	1'20	6'90	1'74	...	...	...	1'04	742'6			
Shahjahanpur . . . . .	507	2'0	3'9	5'9	...	138'1	...	...	11'8	45'4	19'7	65'1	13'8	...	...	...	7'9	35'5	483'2			
Pilibhit . . . . .	122	32'8	...	...	...	24'6	...	...	24'6	8'2	16'4	8'2	16'4	...	...	...	...	8'2	196'7			
Bareilly, Central.	2,314	11'7	...	...	...	184'1	...	...	1'3	6'1	9'5	12'5	41'5	39'8	...	...	...	9'5	468'0			

\* Worked on the aggregates.

1. ADMISSION RATE. 2. DEATH RATE, PER 1,000 OF STRENGTH.

District	Average annual strength.	1. ADMISSION RATE										2. DEATH RATE, PER 1,000 OF STRENGTH.										Average number constantly sick per 1,000 of strength.
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of uncertain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Spleen Diseases.	Scurvy.	Anaemia and Debility.	Abscess, Ulcer and Boil.	Phagedaena, Stomach, and Gangrene.	ALL CAUSES.		
District	442	2'3	...	...	...	169'7	...	9'0	11'3	33'9	20'4	2'3	...	...	...	2'3	72'4	...	422'1	15'8		
	241	...	...	...	...	215'8	...	12'4	33'2	58'1	...	37'3	...	...	...	4'1	70'5	...	551'9	16'6		
District	486	...	...	2'1	...	18'4	...	6'2	18'6	12'4	24'7	41'2	...	...	...	26'8	30'9	...	408'2	14'4		
	526	...	...	5'7	...	264'3	...	3'8	3'8	7'6	20'9	5'7	...	...	...	...	19'0	...	498'1	38'0		
District	381	...	...	7'9	2'6	351'7	...	7'9	5'2	15'7	136'5	34'1	...	...	...	5'2	28'9	...	787'4	28'9		
	467	2'1	4'28	...	...	87'8	...	4'3	12'8	17'1	32'1	19'3	6'4	...	...	2'1	79'2	...	447'8	19'3		
District	274	47'4	3'6	...	...	229'9	...	...	36'5	21'9	105'8	29'2	...	...	...	7'3	58'4	...	715'3	25'5		
	97	...	3'65	...	...	288'7	...	...	...	...	41'2	72'3	...	...	...	30'9	144'3	...	742'3	20'6		
District	366	...	...	2'7	...	101'1	...	2'7	38'3	71'0	76'5	10'9	...	...	...	8'2	51'9	...	661'2	21'9		
	203	...	...	...	...	87'8	...	...	29'1	4'88	9'8	24'4	4'9	...	...	4'9	48'8	...	326'8	14'6		
District	839	...	...	1'2	...	26'2	...	11'9	33'4	22'6	9'5	3'6	...	...	...	2'4	23'8	...	261'0	13'1		
	492	58'8	2'0	...	...	806'9	...	4'1	26'4	48'8	12'2	237'8	...	...	...	16'3	217'5	...	1,811'0	67'1		
District	59	...	...	...	...	305'1	...	67'8	...	16'9	...	...	...	...	...	33'9	84'7	...	813'6	16'9		
	255	...	...	3'9	...	31'4	...	7'8	35'3	3'9	...	...	...	...	...	...	...	...	294'1	15'7		
District	124	...	...	...	...	153'2	...	24'2	16'1	21'2	72'6	49'3	...	...	...	16'1	...	...	435'5	16'1		
	358	...	...	...	...	142'5	...	5'6	...	...	47'5	...	27'9	...	2'8	2'8	2'8	92'2	...	407'2	16'8	
District	326	...	...	...	...	67'5	...	3'1	3'1	3'1	...	3'1	...	...	...	...	76'7	...	294'5	12'3		
	517	...	...	...	...	750'5	...	3'9	1'9	21'3	5'8	19'3	3'9	...	...	...	1'9	61'9	...	1,207'0	10'3	
District	2,488	...	...	8	...	435'7	...	221'9	2'8	7'6	121'0	...	56'2	...	4'8	65'1	170'4	...	1,606'5	48'6		
	1,275	...	...	...	...	226'5	...	11'8	15'7	7'1	83'1	...	14'1	...	...	3'1	127'0	...	1,091'7	38'4		
District	232	...	...	...	...	426'7	...	17'2	12'9	64'7	...	81'9	...	...	...	8'6	116'4	...	1,512'9	47'4		
	368	...	...	...	...	244'6	...	57'1	13'6	32'6	...	13'6	...	...	...	...	255'4	...	1,225'4	35'3		
District	251	...	...	...	...	211'2	...	43'8	15'9	35'9	...	4'0	...	...	...	4'0	67'7	...	565'7	39'8		
	339	...	...	...	...	145'9	...	...	51'7	12'2	30'4	6'1	...	...	...	12'2	103'3	...	538'0	15'2		
District	434	...	...	...	...	456'2	...	...	18'4	25'3	32'3	64'5	...	...	...	4'6	76'0	...	854'8	11'5		
	86	...	...	...	...	174'4	...	...	23'3	23'3	31'9	46'5	23'3	...	...	11'6	23'3	...	651'2	23'3		
District	225	...	...	...	...	284'4	...	4'4	...	...	57'8	71'1	53'3	...	...	...	302'2	...	1,453'3	26'7		
	870	...	...	...	...	84'5	...	5'7	10'3	42'2	26'3	24'0	5'7	...	...	8'0	92'5	...	393'8	22'8		
District	150	...	...	...	...	473'3	...	...	6'7	...	46'7	40'0	233'3	...	...	26'7	300'0	...	1,933'3	40'0		
	VI.— MALAYA	16,112	4'7	2'0	9	1	250'6	...	38'5	6'9	17'3	43'9	24'5	35'7	8	1	15'9	93'5	...	825'9	28'5	



1. ADMISSION RATE.

2. DEATH RATE, PER 1,000 OF STRENGTH.

Average annual strength.	1. ADMISSION RATE.										2. DEATH RATE, PER 1,000 OF STRENGTH.										Average number constantly sick per 1,000 of strength.
	Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Spleen Diseases.	Scurvy.	Anæmia and Debility.	Abscess, Ulcer and Boil.	Phagedæna, Slough, and Gangrene.	ALL CAUSES.		
134	...	...	...	...	343.3 14.93	...	14.9	7.5 7.46	22.4 14.93	67.2	22.4	67.2	...	...	7.5	82.1	...	888.0 37.31	44.8		
1,162	31.8 1.72	.9	...	...	18.1	.9	19.8	5.2 .86	9.5 1.72	18.1	24.1 1.72	...	...	...	.9	77.5	...	334.8 14.63	12.0		
174	...	17.2 11.49	5.7	...	34.5	...	...	5.7	5.7 5.75	17.2	74.7 5.75	5.7	...	...	5.7	74.7	...	321.8 22.99	11.5		
127	...	...	...	...	20.9 7.87	...	...	...	...	23.6	141.7	...	...	...	...	39.4	...	393.7 7.87	15.7		
202	118.8 14.55	19.8 19.80	5.0	...	287.1	...	24.8	5.0	5.0	19.8	297.0 9.90	341.6 4.95	...	...	...	108.9	...	1,023.8 54.46	64.4		
633	...	7.9 3.16	9.5	...	107.4 1.58	...	6.3	7.9 4.74	9.5 1.58	12.6 1.58	14.2 1.58	44.2 1.58	...	...	1.6	1.6	1.6 1.58	371.2 23.69	11.1		
79	...	...	...	...	...	...	...	...	12.7 12.66	...	12.7	50.6 12.66	...	...	...	50.6	...	126.6 25.52	3.5*		
69	...	...	...	...	72.5	...	...	14.5	...	...	14.5	...	...	...	...	29.0	...	231.9	14.5		
83	...	...	...	...	72.3	...	...	12.0	24.1	36.1	96.4 12.05	...	...	...	12.0	96.4	...	457.8 24.10	24.1		
1,137	3.5	...	.9	...	21.1	...	7.0	1.8 .88	6.2 .88	6.2 .88	...	8.8 3.52	...	...	1.8	22.9	...	197.0 9.6	10.6		
65	...	...	...	...	138.5	...	...	...	15.4	...	...	...	...	...	...	12.3.1	...	461.5	15.4		
234	...	...	...	...	136.8	...	...	...	8.5	12.8	...	4.3	...	...	...	196.6	...	812.0 17.09	25.6		
91	...	...	...	...	44.0	...	26.9	...	22.0	44.0	76.9 10.99	...	...	...	...	120.9	...	725.3 43.06	33.0		
208	...	...	...	...	43.3	...	14.4	4.8	9.6	...	...	...	...	...	...	28.8	...	250.0 14.42	14.4		
194	...	...	...	...	92.8	...	...	...	5.2	5.2 5.15	51.5 5.15	25.8 5.15	...	...	5.2	10.3	41.2	366.0 25.77	15.5		
56	...	...	...	...	...	...	...	...	17.9	17.9	17.9	17.9	...	...	...	35.7	...	196.4	3.7*		
583	...	...	...	...	209.3 1.72	...	3.4	3.4 3.43	15.4 6.86	10.3 1.72	163.0	80.6	...	...	1.7	6.9	...	837.0 22.30	29.2		
2,203	...	...	...	...	166.1	...	22.7	11.3 4.99	4.1 2.27	48.6 .45	60.4 1.36	80.3 1.82	...	...	.5 .9	.9 .45	75.8	989.6 20.43	44.9		
452	99.6	...	...	...	55.3 6.64	...	...	4.4 4.42	6.6 4.42	19.9 2.21	6.6	15.5	...	...	...	17.7	...	360.6 17.70	22.1		
1,913	59.1 1.57	4.2 2.61	.5	.5	23.6 3	...	15.7	6.3 1.57	45.5 7.84	54.4 .52	146.9 2.09	104.5 2.61	...	...	1.0	.5	78.4	1,019.9 27.18	23.5		
377	...	...	...	...	244.0	...	...	2.7 2.65	...	10.6	122.0	37.1	...	...	...	8.0	76.9	824.9 2.05	23.9		
10,176	21.9 79	2.1 1.28	1.0	.1	134.8 79	.1	13.2	6.0 2.46	14.6 3.34	29.2 .69	70.5 1.57	56.3 1.67	...	...	.1 .6	.6 1.5	61.0 1.10	685.7 11	25.1		

\* Worked on the aggregates.

PRISONERS, 1919.

TABLE XXVII—concluded.

RATIOS of FAILS, GROUPS, and ADMINISTRATIONS.

JAILS AND GROUPS.	Average annual strength.	1. ADMISSION RATE.							2. DEATH RATE, PER 1,000 OF STRENGTH.										
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandfly Fever.	Pyrexia of uncertain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Spleen Diseases.	Scurvy.	Anemia and Debility.	Abscess, Ulcer, and Boil.	Phagedena, Slough, and Gangrene.
Thana	793	136'2 7'57	5'0 3'78	6'3	...	105'9 1'26	...	...	18'9 5'04	18'9 7'57	39'1	121'1 2'53	22'7 1'26	...	...	...	1'3	...	
Bombay, Common.	381	70'9	...	...	...	412'1 2'62	...	...	13'1 5'25	21'0 10'50	89'2 5'25	81'4	152'2	...	...	5'2	44'6	...	
Bombay, House of Correction.	168	41'7 5'95	...	6'0	...	154'8	...	...	6'0	6'0	11'9	17'9	17'9	...	...	13'9	6'0	...	
Ratnagiri	192	...	...	...	...	...	...	...	5'2 5'21	5'2	10'4	5'2	5'2 5'21	...	...	...	...	...	
Karwar	156	...	...	...	...	577	...	...	...	19'2	38'5	326'9 6'4	64'1	...	...	...	19'2	...	
Cannanore, Central.	1,128	110'8 18'62	25'7 11'53	1'8 '89	1'8 '89	27'5 '89	...	2'7	16'0 10'64	5'3 4'43	21'3	192'4 15'96	23'1 3'55	...	...	6'2	15'1	...	
GROUP X.—WESTERN COAST.	2,818	94'7 9'94	11'7 5'68	2'8 '35	7 '35	108'9 1'06	...	1'1	14'2 6'74	12'1 5'32	35'1 '71	141'6 7'45	41'2 2'13	...	...	3'9	13'8	...	
A																			
Bellary, Central	831	91'5 3'61	...	...	...	86'6 1'20	...	12'0	14'4 3'61	6'0 1'20	4'8 2'41	97'5 1'20	1'2	...	...	1'2	31'3 1'20	1'2	
Salem, Central	684	17'5 2'92	...	1'5	...	10'2	...	1'5	2'9	2'9	8'8	1'5	2'9 1'46	...	...	2'9	13'0	...	
Coimbatore, Central.	1,326	534'7 14'33	...	...	...	2'3 '75	...	...	10'6 5'28	8 '75	8'3	5'3	...	...	...	8	12'1	...	
B																			
Palamcottah	335	217'9	...	6'0	...	9'0	...	...	14'9 2'99	3'0	3'0	...	3'0	...	...	3'0	20'9	...	
Madura	487	65'8 8'21	4'1 4'11	...	...	14'4	...	...	8'2 4'11	12'3 2'05	8'2	82'1 6'16	6'2	...	...	14'4	4'1	...	
Trichinopoly, Central.	1,378	270'1 26'13	...	...	...	8'0	...	2'9	21'8 8'71	2'9 1'44	14'5 '73	74'0 3'03	2'2	...	...	7	30'5	...	
Tanjore	305	141'0 3'28	...	...	...	3'3	...	3'3	...	...	9'8	...	...	...	...	...	6'6	...	
Cuddalore	391	33'8	...	2'6	...	25'6	...	17'9	5'1 2'56	5'1	12'8	74'2 2'56	12'8	...	...	20'5	89'5	...	
Vellore, Central.	1,560	160'3 19'23	...	...	...	28'8 '64	...	11'5	5'8 4'49	7'1 3'85	21'4 1'28	43'6	6 '64	...	...	...	17'9	...	
Madras, Civil	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Madras Penitentiary, Central.	961	251'8 10'41	...	9'4 1'04	2'1 1'04	8'3	...	17'8	21'9 11'45	2'1	30'2	241'4 30'18	8'3 1'04	...	...	13'6	18'7	...	
C																			
Rajahmundry, Central.	1,223	107'1 6'54	...	8	...	37'6 1'64	...	8	7'4 2'45	11'4 1'64	14'7 '82	9'0	...	...	...	2'5 '82	6'5	...	
Vizagapatam, Central.	665	120'3 15'04	6'0 3'01	1'5	...	40'6	...	...	12'0	9'0 4'51	24'1 4'51	102'3 15'04	22'6	...	...	1'5	7'5 21'1	...	
Berhampur	214	196'3 9'35	...	...	...	42'1	...	56'1	...	...	42'1	93'5	...	...	...	...	51'4	...	
GROUP XI.—SOUTHERN INDIA.	10	200'2 12'06	6 '39	1'4 '29	7 '10	24'0 '48	...	6'8	11'2 4'53	5'2 1'54	15'8 '96	63'6 4'73	3'8 '19	4 '10	1	1	4'1 '10	21'6 '10	

GROUPS MINIS- IONS,	Average annual strength.	1. ADMISSION RATE.							2. DEATH RATE, PER 1,000 OF STRENGTH.											Average number constantly sick per 1,000 strength.										
		Influenza.	Cholera.	Small-pox.	Enteric Fever.	Malaria.	Sandy Fever.	Pyrexia of un- certain origin.	Tubercle of the lungs.	Pneumonia.	Respiratory Diseases.	Dysentery.	Diarrhoea.	Hepatic Abscess.	Spleen Disease.	Scurvy.	Anæmia and Debility.	Abscess, Ulcer, and Boil.	Phagedæna, SloUGH, and Gangrene.		ALL CAUSES.									
Camp.	457	28.4	...	...	...	30.6	...	56.9	...	...	21.1	8.8	2.2	...	...	2.2	46.0	...	184.5	} 8.8										
	4	...	...	...	...	...	...	500.0	...	...	...	500.0	...	...	...	...	75.0	...	2,250.0		} 7.3*									
	29	...	...	...	...	379.3	...	...	69.0	...	69.9	172.4	...	...	...	...	103.4	...	1,000.0			} 34.5								
	73	...	...	...	...	327.3	...	109.6	...	13.7	13.7	137.0	51.8	...	...	...	82.2	...	1,027.4				} 27.4							
	54	734.0 21.28	...	...	...	138.3	...	...	...	...	159.6	7	617.0	...	...	...	159.6	...	2,819.1					} 63.8						
	69	101.4 14.49	...	...	...	260.9	...	...	14.5	...	14.5	58.0	...	...	...	29.0	173.9	...	1,333.3						} 22.5					
	17	...	...	...	...	58.8	...	...	...	117.6	...	58.8	...	...	...	...	...	...	...							235.3	} 59*			
	45	...	...	...	...	153.6	...	...	...	...	88.9	...	...	...	...	...	...	...	...							117.65		} 22.2		
	201	20.9 19.90	...	...	...	189.1	...	...	...	5.0	64.7	34.8	74.6	...	...	...	10.0	14.9	...							621.95			} 24.9	
	86	11.6	...	23.3 41.63	...	127.9	...	...	...	11.6	81.4	151.2	58.1	...	...	11.6	...	81.4	...							1,209.3				} 23.3
87	...	...	...	...	149.4	...	...	...	23.0	57.5	46.0	23.0	...	...	...	34.5	114.9	...	597.7	} 23.0										
1,162	82.6 6.02	...	1.7 26	...	133.4 3.44	...	31.0	...	9	11.2 3.41	44.8	92.9 1.72	79.2 86	...	...	9	6.0 86	69.7	...		776.2 19.79					} 24.1				
101	...	...	...	...	...	...	49.5	9.9 9.90	9.9	9.9	49.5	9.9	...	...	...	9.9	...	...	207.9 19.80		} 9.9									
115,499	69.3 3.85	2.4 1.21	1.3 1.18	.6 1.14	107.8 1.06	...	15.5 1.07	9.5 3.12	13.6 3.66	30.7 1.94	72.2 4.20	54.7 1.28	1.1 1.03	...	...	1.6 1.03	8.1 1.41	64.1 1.05	1.1 1.06			281.5 26.97	} 31.0							
13,387	21.7 45	5.8 3.29	1.0 1.45	1.3 1.45	29.0 1.30	...	23.5 1.07	16.8 6.13	5.2 2.17	7.6 1.22	31.7 3.73	4.9 1.30	1.1 1.07	...	...	7 1.15	3.5 1.15	22.1	...			344.4 28.54		} 19.6						
2,071	148.7 8.21	1.4 1.45	1.5 ...	1.0 1.48	116.9 1.97	...	122.2	4.8 1.97	7.2 1.48	16.5 1.45	56.0 1.48	188.3 1.97	...	...	...	5 ...	1.5 ...	2.4 ...	63.7			...			1,033.3 24.03						} 48.3
14,611	143.0 4.72	3.1 1.23	.8 1.34	.8 1.14	407.1 1.10	...	3	8.1 2.26	12.2 1.98	53.2 1.62	178.8 4.93	160.4 1.82	...	...	...	3 1.07	8.9 1.53	94.7	...			1,418.5 22.93			} 58.7					
8,770	12.01 7.53	6.8 2.9	1.9 1.23	.9 1.23	293.6 1.25	...	23.0 1.23	16.0 3.88	16.0 3.42	51.1 1.57	201.4 16.19	151.8 3.31	1.1 1.11	...	...	2 ...	1 ...	16.4 1.91	62.6			...					1,251.3 46.04	} 51.8		
30,891	43.8 3.04	1.1 1.58	1.9 1.6	.3 1.06	147.3 1.39	...	1.2 1.10	7.4 2.14	14.3 4.11	20.6 1.33	39.9 3.59	19.2 1.62	...	...	...	0 1.03	5 1.32	6.6 1.13	53.9			...					514.8 24.67		} 17.6	
14,301	1.9 1.14	.3 1.14	.7 ...	.3 ...	330.1 1.47	...	54.1 1.14	7.6 2.73	19.3 4.82	46.2 1.98	9.6 1.28	39.7 1.40	...	...	...	1.3 1.07	4 ...	22.0 1.03	124.1 1.07			...					1,503.1 21.89			} 37.3
2,367	17.2 3.80	...	.8 ...	3.4 1.84	286.0 ...	...	4	6.8 1.27	14.8 3.38	24.9 1.27	26.2 2.96	19.4 ...	...	...	...	4 ...	3.0 1.84	41.8 ...	...	607.5 22.39		} 21.5								
4,213	9.7 4.7	2.1 1.95	1.9 ...	...	53.4 1.95	...	11.2	4.3 1.42	9.0 1.50	14.2 1.71	23.5 1.66	13.8 1.66	...	...	...	2 ...	2.1 ...	46.3	...	324.5 16.38						} 13.3				
12,108	37.6 2.81	1.0 1.06	1.2 1.08	.1 ...	227.4 1.83	...	7.3	7.6 2.97	27.5 7.10	41.5 1.97	78.5 1.73	60.0 1.24	...	...	...	1 11.6	1.1 1.08	73.4 1.8	...	886.1 23.37	} 32.0									
11,496	191.5 12.70	3.0 1.48	1.5 1.35	.3 1.17	24.4 1.52	...	6.4	11.7 5.13	5.2 1.83	16.4 1.87	76.2 5.83	5.7 1.52	3 1.09	...	...	1 ...	1 ...	4.3 1.09	20.4	...			560.3 37.06				} 25.1			
12,399	18.6 6.09	...	1 ...	1.1 1.37	1,204.7 4.87	...	2.0 1.16	7.1 4.39	12.5 6.26	56.2 2.19	130.6 9.99	48.6 1.38	2 1.16	2 1.16	4.1 1.08	2.4 1.16	57.3	...	1,810.5 45.82	} 70.3										
127,208	64.4 4.07	2.2 1.10	1.2 1.16	.7 1.18	294.7 1.42	...	14.3 1.08	9.2 3.24	13.5 3.86	33.2 1.06	77.8 4.76	54.1 1.29	1 1.04	2 1.03	1.8 1.03	7.5 1.39	63.4 1.05	...	880.6 28.19				} 34.5							

\* Worked on the aggregates.  
(a) Including Delhi, Sibi, Quetta, Ajmer, Secunderabad, Mercara, and excluding Andamans.  
(b) Including Delhi, Sibi, Quetta, Ajmer, Secunderabad, Mercara and Andamans.

# PRISONERS, 1919.

## TABLE XXVIII.

ABSTRACT of the SANITARY SHEETS of the most UNHEALTHY JAILS, SANITARY DEFECTS, IMPROVEMENTS, SUGGESTIONS, etc.

(Jails with constantly sick rate of above 30 and with an average daily strength of over 200.)

### DELHI.

**Delhi.**—Average strength 402; constantly sick rate 67·1; admission to hospital rate 1,811·0; death rate 32·52. As stated in the report, sleeping accommodation for adults is insufficient. No special sanitary defects have been reported.

### ASSAM.

**Tezpur.**—Average strength 237; constantly sick rate 38·0; admission to hospital rate 1,025·3; death rate 25·32. The jail is overcrowded when certain defects will be remedied.

**Gauhati.**—Average strength 326; constantly sick rate 55·2; admission to hospital rate 751·5; death rate 24·54. Owing to over-crowding workshops were used as sleeping barracks. The drainage inside the jail is unsatisfactory, and plans and estimates for improvement have been called for. The Municipal drain close to the jail is insanitary. Sickness inside the jail is attributed largely to the insanitary surroundings generally.

**Sylhet.**—Average strength 762; constantly sick rate 56·4; admission to hospital rate 1,284·8; death rate 26·25. Overcrowding is relieved by the use of workshops. The sickness was chiefly due to the prevalence of influenza and the admission of convicts in indifferent health owing to famine conditions.

### BENGAL.

**Mymensingh.**—Average strength 799; constantly sick rate 57·6; admission to hospital rate 1,499·4; death rate 53·82. There was overcrowding throughout the year. The chief causes of sickness and mortality were:—

- (1) Insufficient supply of pure water and consequent use of impure water from a ditch outside the jail.
- (2) Scarcity of food and the recent outbreak of influenza among the population of the district.

**Dacca Central.**—Average strength 1,152; constantly sick rate 46·0; admission to hospital rate 1,059·9; death rate 28·65. There was overcrowding during the months of January and February. The drainage outside the jail is unsatisfactory. Malaria, phthisis and influenza were the chief causes of sickness and mortality.

**Tippera.**—Average strength 709; constantly sick rate 76·2; admission to hospital rate 1,859·0; death rate 8·46. There was overcrowding throughout the year. No special defects.

**Chittagong.**—Average strength 216; constantly sick rate 55·6; admission to hospital rate 1,472·2; death rate 9·26. Accommodation in undertrial and segregation wards was inadequate.

**Barisal.**—Average strength 890; constantly sick rate 100·0; admission to hospital rate 1,792·2; death rate 14·61. There was overcrowding throughout the year. The surroundings are bad, an insanitary dead khāl being on the south. The jail site is low and damp; the compound is too small for the area covered with buildings. The high sick rate was due to influenza, dysentery and diarrhoea.

**Khulna.**—Average strength 222; constantly sick rate 49·6; admission to hospital rate 1,247·7; death rate 72·07. There was overcrowding throughout the year except in the female ward. The sickness and mortality is attributed to malaria and bowel complaints. No special defects mentioned.

**Jessore.**—Average strength 336; constantly sick rate 95·2; admission to hospital rate 1,642·9; death rate 17·86. There was overcrowding during the months of October, November and December owing to the repair of certain wards. The hospital is ill ventilated and a want of separate wards for infectious diseases is felt. The silted up and stagnant Bhairab river is stated to have a detrimental effect on the health of the jail population.

**Presidency, Central (Indians).**—Average strength 1,920; constantly sick rate 37·0; admission to hospital rate 1,303·6; death rate 17·02. There was overcrowding for the greater part of the year. Owing to the prevailing scarcity and high prices of food stuffs, many prisoners were admitted to jail in a very debilitated condition: this undoubtedly contributed to the high mortality.

**Alipore, Central (Indians).**—Average strength 1,322; constantly sick rate 38·6; admission to hospital rate 811·6; death rate 17·02. There was overcrowding throughout the year. No special defects to account for the high sick rate.

**Alipore, Juvenile.**—Average strength 225; constantly sick rate 31·1; admission to hospital rate 951·1; death rate 8·89. No special defects.

**Hooghly.**—Average strength 458; constantly sick rate 41·5; admission to hospital rate 1,152·8; death rate 24·02. The drainage outside the jail is in an insanitary condition. The high mortality is attributed to the admission of prisoners in a debilitated condition.

**Burdwan.**—Average strength 289; constantly sick rate 69·2; admission to hospital rate 2,449·8; death rate 69·20. There was overcrowding for about 2 months. The site of the jail and surroundings are low. The sickness and mortality is attributed to the admission of many prisoners, suffering from dysentery and in a debilitated condition.

**Krishnagar.**—Average strength 253; constantly sick rate 67·2; admission to hospital rate 2,146·2; death rate 35·57. There was overcrowding throughout the year. The floors of factories and workshops are damp. The district of Nadia is notoriously malarious.

**Faridpur.**—Average strength 415; constantly sick rate 74·2; admission to hospital rate 1,276·4; death rate 17·98. There was overcrowding throughout the year. The accommodation is insufficient especially in hospital and undertrial ward. The drainage is defective.

**Pabna.**—Average strength 728; constantly sick rate 48·2; admission to hospital rate 1,412·3; death rate 13·16. There was overcrowding for the greater part of the year. The municipal drains east and west of the jail are defective and allow stagnation of water during the rains.

**Murshidabad.**—Average strength 395; constantly sick rate 60·8; admission to hospital rate 1,924·1; death rate 5·06. There was overcrowding during February, March and 21 days in April. The water supply is insufficient.

**Rajshahi, Central.**—Average strength 1,068; constantly sick rate 56·2; admission to hospital rate 1,075·8; death rate 9·36. There was overcrowding almost throughout the year. The drainage outside the jail is defective. Rampore Boalia is malarious: this is attributed to inefficient drainage and the presence of tanks.

**Bogra.**—Average strength 297; constantly sick rate 66·6; admission to hospital rate 1,471·4; death rate 47·14. There was overcrowding throughout the year. The municipal drain to the south of the jail is defective. The sickness and mortality were chiefly due to influenza, tubercle of the lungs and dysentery.

**Dinajpur.**—Average strength 413; constantly sick rate 75·1; admission to hospital rate 835·4; death rate 14·53. There was overcrowding for 2 months. The district is unhealthy after the rainy season.

# PRISONERS, 1919.

## TABLE XXVIII—*continued.*

### BENGAL—*contd.*

**Rangpur.**—Average strength 340; constantly sick rate 105·9; admission to hospital rate 2,608·8; death rate 17·65. No special defects to account for the high sick rate, but many prisoners, already infected with malaria were admitted.

**Salpaigni.**—Average strength 237; constantly sick rate 109·7; admission to hospital rate 2,531·0; death rate 42·19. The undertrial was overcrowded throughout the year. The new hospital was occupied on the 1st October. The drainage is unsatisfactory.

**Sari.**—Average strength 304; constantly sick rate 62·5; admission to hospital rate 809·2; death rate 19·74. No special defects.

**Bankura.**—Average strength 266; constantly sick rate 48·9; admission to hospital rate 1,353·4; death rate 30·08. The jail is situated at the centre of the town. Outside of the jail are filthy tanks, railway borrowpits and paddy fields. The jail is a building of old type.

**Midnapore, Central.**—Average strength 1,181; constantly sick rate 55·0; admission to hospital rate 1,445·4; death rate 17·78. Accommodation especially in juvenile, female, undertrials and segregation wards is insufficient. The water supply is not sufficient. Mortality was chiefly due to influenza, pneumonia and tubercle of the lungs.

### BIHAR AND ORISSA.

**Cuttack.**—Average strength 395; constantly sick rate 60·8; admission to hospital rate 1,810·1; death rate 40·51. There was over-crowding for a part of June. The ventilation is defective and the drainage unsatisfactory. A new drainage scheme was suggested some time ago. Falariasis, parasitic skin diseases and influenza were prevalent during the year. The greater part of the mortality was due to malaria.

**Parulia.**—Average strength 456; constantly sick rate 32·9; admission to hospital rate 986·8; death rate 85·53. There was over-crowding except in the months of May and June. Accommodation was insufficient, especially in cells and undertrial wards. The jail kitchen is filthy and is near the hospital dysentery ward. There is insufficient latrine accommodation. Many prisoners were in debilitated condition on admission due to epidemics in successive years of malaria and influenza.

**Kanchi.**—Average strength 242; constantly sick rate 70·2; admission to hospital rate 1,747·9; death rate 37·19. There was over-crowding for the greater part of the year. The sickness and mortality were influenced by the condition of the prisoners on admission.

**Lazaribagh, Central.**—Average strength 455; constantly sick rate 107·7; admission to hospital rate 1,857·1; death rate 136·26. The jail was overcrowded from January to October. Accommodation in the dormitories was insufficient. Dysentery was prevalent in an endemic form.

**Jaya, Central.**—Average strength 912; constantly sick rate 54·8; admission to hospital rate 1,755·7; death rate 30·70. There was over-crowding for the whole year. Ventilation and drainage are defective; and will be remedied. The chief causes of sickness and mortality were influenza and tubercle of the lungs.

**Bhagalpur, Central.**—Average strength 1,619; constantly sick rate 53·1; admission to hospital rate 952·4; death rate 41·38. The drainage is defective and will be improved during the current year. The sickness and mortality were chiefly due to dysentery in the early part of the year and to influenza during the second half of the year.

**Monghyr.**—Average strength 311; constantly sick rate 41·8; admission to hospital rate 553·1; death rate 35·37. There was over-crowding throughout the year. The present building is said to be unsuitable for a juvenile jail.

**Motihari.**—Average strength 329; constantly sick rate 33·4; admission to hospital rate 1,091·2; death rate 30·40. The male wards were overcrowded throughout the year. No sanitary defects. The sickness was chiefly due to influenza.

**Muzaffarpur.**—Average strength 318; constantly sick rate 37·9; admission to hospital rate 739·0; death rate 15·72. No special defects.

**Arrah.**—Average strength 285; constantly sick rate 70·2; admission to hospital rate 1,512·3; death rate 21·05. Improvements to the drainage and drainage are under consideration. There is no satisfactory arrangement for the isolation of dysentery cases in hospital. A separate latrine for these cases is also desirable.

**Bhupra.**—Average strength 257; constantly sick rate 58·4; admission to hospital rate 1,607·0; death rate 54·47. No special defects.

**Buxar, Central.**—Average strength 1,152; constantly sick rate 52·1; admission to hospital rate 1,364·6; death rate 19·10. The sickness was chiefly due to malaria, the prevalence of which is attributed to a canal running through the garden.

**Sambalpur.**—Average strength 202; constantly sick rate 64·4; admission to hospital rate 1,623·8; death rate 54·46. Part of the jail was overcrowded during the greater part of the year. Hospital accommodation is insufficient. The sickness and mortality were largely due to admission of prisoners in indifferent health due to scarcity of food.

### UNITED PROVINCES.

**Fyzabad.**—Average strength 594; constantly sick rate 32·0; admission to hospital rate 1,628·6; death rate 26·94. There was over-crowding for about six months. The sickness and mortality were largely due to influenza. No special defects reported.

**Benares, district.**—Average strength 427; constantly sick rate 30·4; admission to hospital rate 674·5; death rate 23·42. No special defects.

**Lucknow, District.**—Average strength 219; constantly sick rate 32·0; admission to hospital rate 730·6; death rate 31·96. There was an outbreak of cholera in the jail causing 13 cases and 6 deaths.

**Aligarh.**—Average strength 576; constantly sick rate 38·0; admission to hospital rate 493·1; death rate 9·51. There was overcrowding throughout the year. No special defects.

### PUNJAB.

**Lahore, Central.**—Average strength 2,488; constantly sick rate 48·6; admission to hospital rate 1,606·5; death rate 13·67. There was over-crowding throughout the year. The accommodation is insufficient in barracks and hospital. Ventilation is insufficient in some cells and defective in latrines. Malaria, colitis and heatstroke were prevalent.

**Lahore, Borstal, Central.**—Average strength 1,276; constantly sick rate 38·4; admission to hospital rate 1,091·7; death rate 78·4. Hospital accommodation is insufficient. Drainage in the hospital compound is urgently needed. The big Nullah outside the jail is said to be a breeding ground for mosquitoes. The sickness and mortality were attributed to bad drainage, excessive heat and after effects of the influenza epidemic of 1918.

**Lahore, Female.**—Average strength 232; constantly sick rate 47·4; admission to hospital rate 1,512·9; death rate 34·48. The sickness and mortality were largely due to a plague of flies from the jail garden where the nightsoil is trenched, excessive heat, after effects of the influenza epidemic of 1918 and defective drainage outside the jail.

**Dhariwal Camp.**—Average strength 368; constantly sick rate 35·3; admission to hospital rate 1,225·4; death rate 5·43. High sick rate due to Mumps.

**Gurdaspur.**—Average strength 251; constantly sick rate 39·8; admission to hospital rate 565·7; death rate 27·89. Malaria was prevalent.

**Shahpur, Tubercle.**—Average strength 308; constantly sick rate 314·9; admission to hospital rate 428·6; death rate 103·90. This is a special tuberculosis jail.

# PRISONERS, 1919.

## TABLE XXVIII—concluded.

### PUNJAB—contd.

**Montgomery, Central.**—Average strength 2,226; constantly sick rate 35·5; admission to hospital rate 1,286·2; death rate 31·90. There was overcrowding throughout the year. Malaria was prevalent. Ventilation is defective in the hospital and drainage both inside and outside the jail is unsatisfactory.

### BOMBAY.

**Sind Gang.**—Average strength 800; constantly sick rate 36·3; admission to hospital rate 1,340·0; death rate 47·50. There was overcrowding throughout the year. Influenza caused the high mortality. The floors of the sleeping barracks are said to be damp.

**Hyderabad, Central.**—Average strength 1,176; constantly sick rate 62·9; admission to hospital rate 1,877·6; death rate 20·30. There was overcrowding throughout the year and an epidemic of influenza in December.

**Yerrowda, Central.**—Average strength 2,203; constantly sick rate 44·9; admission to hospital rate 989·6; death rate 20·43. There was overcrowding throughout the year. Damage to the pumps leads to difficulty at times in providing an adequate water supply. The high sick rate was due to malaria and bowel complaints, and the high death rate to tubercle of the lungs. This jail receives tubercular prisoners from other jails.

**Thana.**—Average strength 793; constantly sick rate 37·8; admission to hospital rate 793·2; death rate 31·53. There was overcrowding throughout the year. Some cells require concrete or paved floors. Influenza was prevalent during the year.

### MADRAS.

**Cannanore, Central.** Average strength 1,128; constantly sick rate 33·7; admission to hospital rate 710·1; death rate 91·31. There was overcrowding during a part of March and April. The sickness and mortality were due to epidemics of influenza, cholera, dysentery and other bowel complaints.

**Trichinopoly, Central.**—Average strength 1,378; constantly sick rate 33·4; admission to hospital rate 650·2; death rate 49·35. There was overcrowding during the months of February, March, April, May and October. The water supply is insufficient. The sickness and mortality were heavy owing to the epidemic of influenza in a virulent type during the latter half of the year.

**Penitentiary, Central.**—Average strength 961; constantly sick rate 57·2; admission to hospital rate 865·8; death rate 51·30. Accommodation in press rooms is insufficient and ventilation is defective. Epidemic dysentery and influenza were chiefly responsible for the sickness and mortality.

### BURMA.

**Moulmein.**—Average strength 579; constantly sick rate 38·0; admission to hospital rate 357·5; death rate 41·45. Influenza was prevalent.

**Myingyn, Central.**—Average strength 872; constantly sick rate 67·7; admission to hospital rate 956·4; death rate 116·97. The hospital is old and should be rebuilt. The outfall of the drainage system is bad. The Public Works Department have been asked to report. The water supply is open to suspicion. The high death rate was due to cholera and tubercle of the lungs. Tuberculous prisoners from other jails are transferred to this jail.













VILS AND GROUPS.	ADMISSIONS FROM CHOLERA IN EACH MONTH.												ADMISSIONS FROM DYSENTERY IN EACH MONTH.												ADMISSIONS FROM DIARRHŒA IN EACH MONTH.																											
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.													
	A																																																			
Sur														1			3	1	3	5	4	4	1	3	3	28	1	1		1	1	6	2	2	2	3	2	1	22													
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# TABLE XXXV.

## DETAIL of DISEASES.

DISEASES	EUROPEAN ARMY OF INDIA.										INDIAN ARMY.*						JAIL POPULATION OF INDIA 127,808.		
	BRITISH OFFICERS ATTACHED TO EUROPEAN TROOPS 3,453			MEN 56,561			WOMEN 1,450		CHILDREN 2,497		BRITISH OFFICERS ATTACHED TO INDIAN TROOPS 3,978			MEN ENROLL-ED. { 229731 31,055					
	Admissions.	Deaths.	Invalids.	Admissions.	Constantly sick.	Deaths.	Invalids.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Invalids.†	Admissions.	Deaths.	Invalids.	Admissions.	Deaths.
<b>GENERAL DISEASES.</b>																			
<b>INFECTIVE DISEASES:—</b>																			
Smallpox	...	...	...	4	'15	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Scabies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trachoma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Water fever	...	...	...	1	'02	1	...	...	...	...	...	...	...	...	...	...	...	18	8
Cholera	...	...	...	6	'34	1	3	...	...	...	...	...	...	6	...	...	...	38	3
Spinal fever	...	...	...	2	'09	2	...	...	...	...	...	...	...	52	27	1	...	16	11
Small-pox	5	...	...	17	1'30	...	2	...	26	...	3	...	...	734	...	1	...	680	...
Scarlatina	...	1	...	24	1'35	11	2	...	...	...	2	...	...	134	77	...	...	279	140
Measles	2	...	...	7	'30	...	...	...	1	...	...	...	...	...	...	...	...	6	...
Scarlet fever	79	...	...	651	17'95	...	10	...	3	...	13	...	...	94	...	...	...	...	...
Bubonic plague	2	...	...	29	2'17	...	1	...	5	1	2	1	...	1	1	...	...	...	...
Typhoid fever	107	3	57	804	93'19	16	281	9	1	15	1	106	...	2,404	42	38	9,942	608	...
Septicæmia	...	...	...	1	'00	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Septicæmia	4	...	...	56	11'44	14	10	1	...	6	...	38	4	79	14	2	77	22	...
Septicæmia	14	3	1	126	20'22	10	5	3	1	4	1	...	...	...	...	...	...	...	...
Septicæmia	1	...	...	3	'16	...	...	1	...	...	...	...	...	1	...	...	257	24	...
Septicæmia	4	1	...	7	'49	...	...	...	...	...	3	...	...	26	4	...	95	21	...
Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	1	1	1	...
Septicæmia	10	...	...	41	1'42	...	...	...	1	...	4	...	...	6	...	...	...	...	...
Septicæmia	47	...	2	2,766	419'92	...	16	1	...	1	52	...	...	7,048	1	535	537	1	...
Septicæmia	188	3	14	1,425	102'25	14	60	33	...	27	...	209	3	7,905	605	41	8,235	520	...
Septicæmia	...	...	1	1	'46	1	1	...	...	2	1	1	...	4	2	...	37	6	...
Septicæmia	...	...	...	...	'28	...	...	...	...	...	...	...	...	68	...	48	100	12	...
Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...
Septicæmia	542	3	59	12,318	580'51	42	580	68	...	78	1	706	...	33,459	123	296	37,677	182	...
Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...	...	...	...
Septicæmia	16	...	...	74	3'99	...	...	4	...	54	1	18	...	386	11	2	25	...	...
Septicæmia	4	...	...	49	2'40	...	...	...	...	3	...	6	...	4,686	...	7	1,145	...	...
Septicæmia	...	...	...	2	'06	1	1	...	...	1	...	...	...	23	...	...	3	...	...
Septicæmia	10	...	2	74	19'03	1	10	1	...	4	...	8	...	18	...	...	2	1	...
Septicæmia	1	...	...	1	'51	...	...	...	...	...	...	...	...	4	...	...	...	...	...
Septicæmia	...	...	...	1	'08	...	...	...	...	...	...	...	...	4	...	...	...	...	...
Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	31	20	...	8	5	...
Septicæmia	26	2	6	289	26'18	52	32	5	...	7	1	29	3	2,938	661	35	1,726	493	...
Septicæmia	1	...	...	4	'17	4	...	...	...	...	...	...	...	7	5	...	18	14	...
Septicæmia	8	...	...	70	4'89	...	...	5	...	1	...	38	...	539	...	...	1,819	10	...
Septicæmia	...	...	...	1	'01	1	...	...	...	1	1	...	...	10	1	...	1	1	...
Septicæmia	...	...	...	2	'16	...	...	...	...	...	...	...	2	141	11	1	279	24	...
Septicæmia	10	...	3	212	20'45	1	35	3	...	...	...	8	...	1,025	...	80	712	7	...
Septicæmia	241	...	...	2,013	102'95	...	1	5	...	1	...	131	...	3,081	...	...	2	...	...
Septicæmia	2	...	...	11	1'00	...	...	...	...	4	...	3	...	...	...	...	...	...	...
Septicæmia	1	...	...	8	'69	5	1	...	...	1	1	...	...	6	7	...	12	9	...
Septicæmia	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...
Septicæmia	14	...	...	173	17'82	19	1	13	2	13	3	11	1	392	36	...	156	21	...
Septicæmia	33	...	...	1,026	193'53	1	5	1	...	...	...	55	...	2,137	13	271	1,329	9	...
Septicæmia	...	...	...	...	'13	...	...	...	...	...	...	...	...	11	5	...	14	9	...
Septicæmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

\* Excluding troops on Field Service.

† Information not available.

‡ Typhoid fever.

# TABLE XXXV—continued.

## DETAIL of DISEASES.

DISEASES.	EUROPEAN ARMY OF INDIA.											INDIAN ARMY.					POPULATION IN INDIA.	
	BRITISH OFFICERS ATTACHED TO EUROPEAN TROOPS.			MEN.			WOMEN.		CHILDREN.		BRITISH OFFICERS ATTACHED TO INDIAN TROOPS.			MEN.				
	Admissions.	Deaths.	Invalids.	Admissions.	Constantly sick.	Deaths.	Invalids.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Invalids.	Admissions.	Deaths.		Invalids.	Admissions.
<b>INFECTIVE DISEASES—contd.</b>																		
Tubercle of the lungs . . . . .	11	1	9	84	12'20	10	83	2	2	1	...	13	...	...	919	249	369	1,184
Other tubercular diseases . . . . .	5	...	2	33	4'62	3	27	2	...	2	...	...	...	...	79	45	22	174
Typhus fever . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...
Whooping-cough . . . . .	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...
Yaws . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2
<b>INTOXICATIONS—</b>																		
Alcoholism . . . . .	11	2	3	55	2'28	1	...	...	...	...	...	4	...	...	6	2	...	...
Morphinism . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	3	39
<b>General Diseases not classified as above:—</b>																		
Anæmia . . . . .	5	...	1	72	4'14	...	16	9	...	5	...	6	...	...	1,712	9	191	603
" chronic splenic . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	1	...	...
" pernicious . . . . .	...	...	...	1	'00	...	1	...	...	...	...	...	...	...	12	13	1	2
" and debility . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	173	...	6	...
Chlorosis . . . . .	...	...	...	...	2	'01	...	...	...	...	...	...	...	...	...	...	...	...
Debility . . . . .	187	...	65	3,151	92'72	...	408	248	...	89	...	107	...	...	2,619	...	259	359
Diabetes mellitus . . . . .	...	...	...	5	'84	...	4	...	...	...	...	4	...	...	24	6	4	16
Exophthalmic goitre . . . . .	...	...	...	4	'48	...	2	2	...	...	...	...	...	...	3	...	1	...
Gout . . . . .	1	...	1	9	'48	...	2	...	...	...	...	1	...	...	3	...	...	6
Hæmophilia . . . . .	...	...	...	2	'12	...	2	...	...	...	...	...	...	...	...	...	...	5
Leucocythæmia . . . . .	...	...	...	3	'16	...	1	...	...	...	...	...	...	...	1	...	...	...
Lymphadenoma . . . . .	...	...	...	2	'36	...	3	...	...	...	...	...	...	...	4	1	...	3
Myxœdema . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Obesity . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	1	...
Osteo-arthritis . . . . .	2	...	1	23	2'52	...	23	...	...	...	...	...	...	...	23	1	5	2
Ploimbism . . . . .	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...
Purpura . . . . .	...	...	...	5	'30	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets . . . . .	...	...	...	1	'04	...	...	...	...	1	1	...	...	...	...	...	...	...
Scurvy . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141	2	35	231
<b>Morbid conditions incident to various parts:—</b>																		
Malformation, Heart . . . . .	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
" urethral . . . . .	...	...	...	1	'01	...	...	...	...	...	...	...	...	...	...	...	...	...
" lower jaws . . . . .	...	...	...	1	'01	...	...	...	...	...	...	...	...	...	...	...	...	...
" Supernumerary ribs . . . . .	...	...	...	1	'01	...	1	...	...	...	...	...	...	...	...	...	...	...
" Talipes . . . . .	...	...	...	2	'06	...	...	...	...	...	...	...	...	...	...	...	...	...
" undescended testicle . . . . .	...	...	...	2	'18	...	...	...	...	1	...	...	...	...	...	...	...	...
" Harelip . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Spina bifida . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...
" Pelvis . . . . .	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
Congenital malformation . . . . .	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	...	...	...
<b>New Growths Malignant (n. d.)</b>																		
" Carcinoma . . . . .	...	...	...	8	'47	2	3	...	...	...	...	...	...	...	55	2	1	1
" Epithelioma . . . . .	...	...	...	...	'02	...	2	...	...	...	...	...	...	...	...	...	...	...
" Sarcoma . . . . .	...	...	...	5	'54	3	3	...	...	...	...	...	...	...	1	1	...	1
Cysts . . . . .	...	...	...	45	1'42	...	...	...	...	1	...	...	...	...	195	...	...	2

DISEASES.	EUROPEAN ARMY OF INDIA.										INDIAN ARMY.						JAIL POPULATION OF INDIA.	
	BRITISH OFFICERS ATTACHED TO EUROPEAN TROOPS.			MEN.			WOMEN.		CHILDREN.		BRITISH OFFICERS ATTACHED TO INDIAN TROOPS.			MEN.			Admissions.	Deaths.
	Admissions.	Deaths.	Invalids.	Admissions.	Constantly sick.	Deaths.	Invalids.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Invalids.	Admissions.	Deaths.			Invalids.
id conditions incident various parts—conold.																		
Growth, non-alignant	7	...	...	60	3.33	1	8	4	...	...	4	...	...	95	...	1	53	4
ites :—Ankylostomum duodenale.	...	...	...	1	'19	...	...	...	...	...	1	...	...	459	19	41	1,279	26
Amoba Coli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Ascaris lumbricoides	...	...	...	8	'61	...	...	...	2	...	2	...	...	45	...	...	123	...
Bed Bug	...	...	...	4	'07	...	...	...	...	...	...	...	...	...	...	...	...	...
Bilharzia Hæmatobia	4	...	...	2	'11	...	2	...	...	...	...	...	...	3	...	...	...	...
Bothriocephalus latus	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	7	...
Cercomonas hominis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73	...
Cysticercus of the Taenia solium.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...
Echinococcus hominis	...	...	...	1	'12	...	1	...	...	...	...	...	...	2	...	...	...	...
Trichina Spiralis Owen	...	...	...	1	'01	...	...	...	...	...	...	...	...	...	...	...	...	...
Favus	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	2	18	...
Filaria Sanguinis hominis.	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	18	...
Guinea-worm	...	...	...	...	...	...	...	...	...	...	...	...	...	346	...	11	349	...
Oxyuris vermicularis	...	...	...	8	'18	...	...	...	1	...	...	...	...	4	...	...	6	...
Pediculus capitis	...	...	...	10	'18	...	...	...	...	...	...	...	...	2	...	...	2	...
"    vestimenti	...	...	...	2	'03	...	...	...	...	...	...	...	...	...	...	...	...	...
Pthirus inguinalis	...	...	...	14	'62	...	...	...	...	...	...	...	...	3	...	...	...	...
Ringworm	7	...	...	176	'644	...	1	...	1	...	3	...	...	786	...	2	179	...
Scabies	3	...	...	650	26'37	...	...	...	1	...	2	...	...	9,568	...	54	1,541	...
Taenia Verricolor	...	...	...	1	'11	...	...	...	...	...	...	...	...	...	...	...	...	...
"    saginata	...	...	...	6	'26	...	...	...	...	...	...	...	...	...	...	...	23	1
"    Mediocanellata.	...	...	...	...	...	...	...	...	...	...	...	...	...	15	...	...	...	...
"    Barbes	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...
"    solium	2	...	...	167	4'89	...	2	1	...	9	...	2	...	103	...	1	64	...
"    Cruris	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...
Trichocephalus dispar Rudolphi.	...	...	...	1	'08	...	...	...	...	...	...	...	...	1	...	...	31	...
LOCAL DISEASES.																		
VOUS SYSTEM —																		
Arteriosclerosis	139	3	62	1,196	62'30	11	246	21	...	10	5	117	...	1,184	44	173	668	64
Total	9	...	7	152	18'13	...	128	...	1	1	...	10	...	238	3	92	57	3
Chronic Diseases	34	...	8	410	21'56	...	114	1	...	6	...	22	...	7,105	...	333	1,884	...
Acute Diseases	34	...	8	826	44'01	1	222	5	...	13	...	28	1	1,191	3	90	346	2
Other Diseases	75	...	3	615	20'94	...	23	2	...	17	...	131	...	4,147	...	2	304	...
DISEASES OF THE CIRCULATORY SYSTEM—																		
Myocarditis (including all varieties)	...	...	...	2	'47	...	4	...	...	...	...	...	...	4	1	1	7	1
Disordered action of the heart	42	...	27	942	13'64	1	437	3	...	1	...	48	...	674	2	140	19	1
Valvular disease of the heart	20	1	14	365	35'16	9	253	7	...	...	...	7	...	193	21	87	154	38
Arteriosclerosis	8	...	3	85	11'572	...	20	1	...	...	...	5	...	61	...	9	6	...

TABLE XXXV—concluded.

DETAIL of DISEASES.

DISEASES.	EUROPEAN ARMY OF INDIA.										INDIAN ARMY.						JA POPUL OF I	
	BRITISH OFFICERS ATTACHED TO EUROPEAN TROOPS.			MEN.				WOMEN.		CHILDREN.		BRITISH OFFICERS ATTACHED TO INDIAN TROOPS.			MEN.			
	Admissions.	Deaths.	Invalids.	Admissions.	Constantly sick.	Deaths.	Invalids.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Invalids.	Admissions.	Deaths.		Invalids.	Admissions.
<b>DISEASES OF THE CIRCULATORY SYSTEM—concl.</b>																		
Other circulatory diseases . . . . .	17	3	10	120	8'98	12	52	5	...	2	2	16	1	...	57	31	1	109
Diseases of the Respiratory System . . . . .	118	1	8	1,840	94'89	17	221	34	1	70	5	115	1	...	13,038	301	358	4,235
<b>DISEASES OF THE DIGESTIVE SYSTEM—</b>																		
Abscess of the liver . . . . .	3	1	2	49	6'13	11	24	...	...	...	...	2	2	...	20	5	1	8
Appendicitis . . . . .	18	2	2	266	19'77	6	33	6	...	2	...	25	...	...	101	7	6	37
Biliary colic . . . . .	...	...	...	1	'08	...	...	...	...	...	...	...	...	...	4	1	1	1
Cirrhosis of the liver . . . . .	...	...	...	1	'26	1	...	...	...	...	...	...	...	...	6	5	1	74
Colitis . . . . .	106	...	22	578	37'75	...	71	12	...	9	...	104	...	...	7,998	24	27	930
Diarrhoea . . . . .	178	...	9	1,758	61'64	...	31	12	...	47	...	173	...	...	4,736	3	12	6,910
Enteritis . . . . .	34	1	6	132	5'84	4	5	3	...	30	5	19	...	...	338	38	2	390
Gastritis . . . . .	96	...	14	811	41'27	1	94	14	...	1	...	53	...	...	222	4	5	94
Hepatitis . . . . .	23	...	3	173	13'93	2	36	2	...	2	1	31	...	...	236	8	6	63
Hernia . . . . .	13	...	...	247	20'46	...	43	2	...	7	...	16	...	...	229	3	43	115
Jaundice . . . . .	64	...	2	283	17'14	2	7	1	...	2	...	54	...	...	1,007	6	10	420
Peritonitis . . . . .	...	...	...	1	'27	1	...	...	...	2	1	1	1	...	13	5	...	14
Sprue . . . . .	5	...	5	8	1'33	1	6	3	1	1	...	1	...	...	9	3	1	21
Other diseases of the digestive system . . . . .	266	...	18	4,392	143'21	7	92	40	1	65	5	369	...	...	6,311	26	222	4,042
<b>DISEASES OF THE LYMPHATIC SYSTEM—</b>																		
Elephantiasis . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	2
Inflammation of lymphatic glands . . . . .	3	...	...	188	17'31	...	5	...	...	...	...	14	...	...	1,230	1	19	25
"    "    vessels . . . . .	...	...	...	7	'30	...	1	...	...	...	...	4	...	...	28	...	2	...
Other diseases of the lymphatic system . . . . .	1	...	...	36	4'15	1	6	2	...	6	...	...	...	...	333	...	34	21
<b>DISEASES OF THE THYROID GLAND—</b>																		
Goitre . . . . .	...	...	...	22	1'25	...	10	...	...	1	...	...	...	...	23	...	4	...
Inflammation of the thyroid body . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	1	...
Diseases of the Adrenals . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
<b>DISEASES OF THE URINARY SYSTEM—</b>																		
Bright's disease . . . . .	1	...	...	25	3'63	4	20	1	...	...	...	...	...	...	16	13	3	24
Calculus (including all varieties) . . . . .	4	...	...	17	2'30	...	13	...	...	...	...	...	...	...	7	...	1	...
Chyluria . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cystitis . . . . .	7	...	...	56	3'82	...	6	3	...	1	...	2	...	...	25	...	1	...
Hæmaturia . . . . .	1	...	...	15	1'21	...	6	1	...	...	...	5	...	...	23	...	...	...
Renal colic . . . . .	8	...	...	37	1'42	...	4	...	...	...	...	6	...	...	15	...	4	...
Other diseases of the urinary system . . . . .	11	...	2	156	11'42	8	42	8	...	3	1	13	...	...	156	19	8	140
<b>DISEASES OF THE MALE ORGANS OF GENERATION—</b>																		
Soft chancre of the penis . . . . .	6	...	...	1,162	141'13	...	1	...	...	...	...	16	...	...	5,773	...	214	...
Other diseases of the male organs of generation . . . . .	29	...	...	699	39'52	...	14	...	...	8	...	43	...	...	1,071	4	47	6

DISEASES.	EUROPEAN ARMY OF INDIA.										INDIAN ARMY.						JAIL POPULATION OF INDIA.		
	BRITISH OFFICERS ATTACHED TO EUROPEAN TROOPS.			MEN.			WOMEN.		CHILDREN.		BRITISH OFFICERS ATTACHED TO INDIAN TROOPS.			MEN.			JAIL POPULATION OF INDIA.		
	Admissions.	Deaths.	Invalids.	Admissions.	Constantly sick.	Deaths.	Invalids.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Invalids.	Admissions.	Deaths.	Invalids.	Admissions.	Deaths.
<b>DISEASES OF THE FEMALE ORGANS OF REGENERATION--</b>																			
Leucorrhoea . . . . .	...	...	...	...	...	...	...	39	1	...	...	...	...	...	...	...	...	9	2
Other diseases of the female organs of generation . . . . .	...	...	...	...	...	...	...	64	3	3	2	...	...	...	...	...	...	33	...
Diseases of the female breast . . . . .	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
<b>DISEASES OF THE ORGANS OF LOCOMOTION--</b>																			
Lumbago . . . . .	6	...	...	26	67	...	...	...	...	...	...	3	...	...	74	...	1	130	...
Ridgia . . . . .	41	...	3	949	33,74	...	18	4	...	1	...	25	...	...	839	...	39	272	...
Other diseases of the organs of locomotion . . . . .	46	...	4	1,94	40,78	1	74	4	...	3	...	71	...	...	1,552	...	120	424	8
Diseases of the connective tissue and male breast . . . . .	135	...	1	2,072	80,91	1	6	12	...	14	...	128	...	...	4,667	11	47	5,325	30
<b>DISEASES OF THE SKIN--</b>																			
Eczema . . . . .	40	...	1	603	26,04	...	4	4	...	4	...	73	...	...	1,832	...	1	1,402	...
Scabies . . . . .	8	...	...	28	1,27	...	...	...	...	...	...	4	...	...	24	...	...	136	...
Boil . . . . .	3	...	...	35	2,72	...	7	2	...	...	...	8	...	...	378	...	3	1	...
Ulcer . . . . .	3	...	...	61	3,06	...	1	...	...	1	...	26	...	...	3,376	1	24	2,823	3
Wound . . . . .	...	...	...	53	2,03	...	...	1	...	...	...	4	...	...	278	...	...	373	...
Other diseases of the skin . . . . .	39	...	3	1,065	54,59	...	31	6	...	14	...	20	...	...	1,912	...	18	1,088	2
<b>WOUNDS (General and Local)--</b>																			
Gun-stroke and heat-stroke . . . . .	19	1	11	416	24,56	42	59	...	...	1	...	32	1	...	46	10	...	433	48
Other general . . . . .	26	1	7	444	22,03	25	29	...	...	2	...	17	...	...	315	18	2	110	5
Local . . . . .	275	4	27	2,732	137,35	21	159	14	1	31	...	344	2	...	13,551	47	374	5,314	40
Accidents . . . . .	...	1	...	...	...	20	...	...	...	...	...	...	4	...	13	18	...	2	10
Homicides . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	17	...	...	9
Poisons . . . . .	10	...	1	51	2,04	9	4	1	...	...	...	7	...	...	74	20	...	104	10
Effects of anti-typhoid vaccine . . . . .	...	...	...	15	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anti-rabic treatment . . . . .	8	...	...	47	2,72	...	...	2	...	7	...	1	...	...	37	...	...	...	...
Deaths while on leave, etc. . . . .	...	(4)	...	...	...	...	...	...	...	...	...	...	...	...	...	50	...	...	...
No appreciable disease . . . . .	7	...	2	186	6,08	...	1	29	...	8	...	4	...	...	28	...	...	107	...
Not yet diagnosed . . . . .	...	...	...	...	...	...	...	...	...	...	...	5	...	...	230	...	...	...	...
Cause unknown . . . . .	...	...	...	...	...	...	...	...	...	...	...	62	...	...	...	2	...	...	...
Other causes (detail not available). . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	248	...	...	...	...
Total causes . . . . .	3,650	38	522	54,982	3,245,84	438	4,824	803	15	774	47	3,888	25	...	176,313	2,792	4,999	112,548	3,679

\* 52 transfer cases N. Y. D. Venereal remained undiagnosed on the submission of the report.

