

Annual report of the Director of Public Health of the United Provinces of Agra and Oudh.

Contributors

United Provinces of Agra and Oudh (India). Public Health Department.

Publication/Creation

Allahabad : Government Press, [1932]

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SIXTY-FIFTH ANNUAL REPORT
OF THE
DIRECTOR OF PUBLIC HEALTH
OF THE
UNITED PROVINCES OF AGRA AND OUDH
FOR THE YEAR ENDING DECEMBER 31, 1932



Allahabad :
Superintendent, Printing and Stationery, United Provinces
1933

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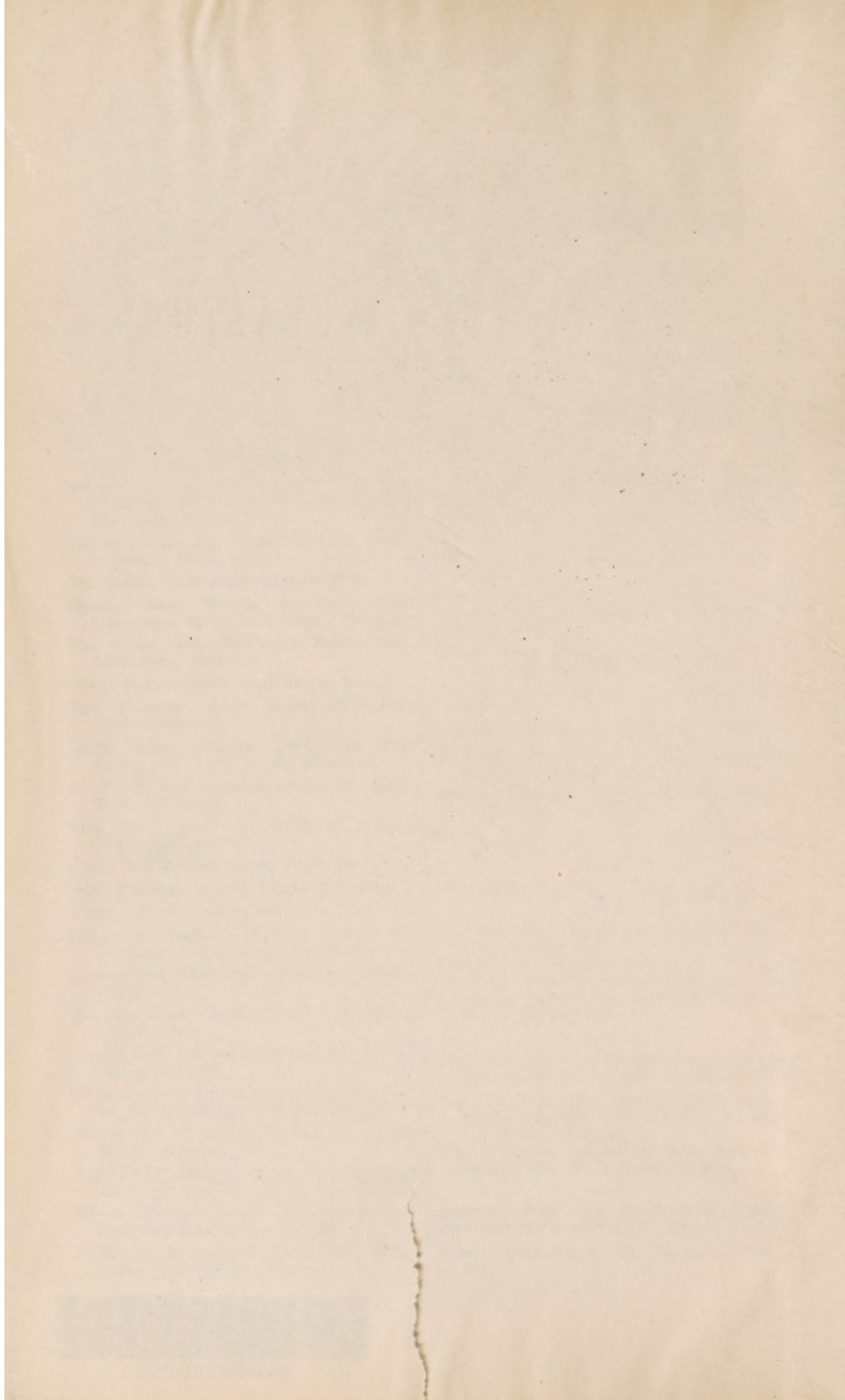
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FOR THE YEAR ENDING DECEMBER 31, 1932

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**Errata slip to the Annual Report of the Director of Public Health,
United Provinces, for 1932**

Page	For	Read	Remarks
Page 11	Death ..	Deaths ..	In paragraph 34, line 6.
Page 22	Bula shahr ..	Bulandshahr ..	In first line of the page.
Page 22	ishes ..	Wishes ..	In line 2 from the top.
Page 22	Considing ..	Considering ..	In line 8 from the top.
Page 22	ogress ..	Progress ..	In line 5 from the top.
Page 22	Epimies ..	Epidemics ..	In paragraph 7, line 15.
Page 22	e ..	The ..	In paragraph 7, line 16.
Page 29	Daiy ..	Daily ..	In column 3 of the heading of the table.
Page 31 .. ..	..	District ..	In line 7 after Non-contributing.
Page 31	District ..	..	In line 7 from the top between the words " the " and " boards."
Page 35 .. ..	..	health ..	In paragraph 11, line 15, between the words " public " and " purposes."
Page 35	On ..	..	In paragraph 11, line 17.
Page 57 .. ..	..	re-vaccinations	In paragraph 14, line 5, after 1,428.
Page 57 .. ..	..	..	In paragraph 14, line 5, after the word, respectively.
Page 60	From ..	..	In line 14 from the top.
Title page to Appendices	Board ..	Director.	..
Page 32A of Appendix B	Azamgarh ..	..	In line 4 of the foot notes.
<i>Statistical Statement.</i>			
Page 3B	110.7	110.57	In column 6 against Budaun.
Page 3B	3374	33.74	In column 5 under Total against Fatehpur.
Page 3B	2132	21.32	In column 9 under Female against Jhansi.
Page 3B	1851	18.51	In column 9 under Female against Jalaun.
Page 3B	1321	13.21	In column 5 under Female against Basti.
Page 3B	2439	24.39	In column 5 under Total against Partabgarh.
Page 3B	11663	116.63	In column 6 against Partabgarh.
Page 10B	Chapter XI ..	Chapter II ..	In first line of the statement.
Page 14B	200	260	In column 6 under Male against Bulandshahr.
Page 15B	09	209	In column 11 under Male against Dehra Dun.
Page 24B	54080	540,850	In column 3 under Hindu male against Fyzabad.
Page 25B	39	309	In column 3 under " Other classes " Male against Bareilly.
Page 25B	33	363	In column 3 under " other classes " Female against Allahabad.

Page	For	Read	Remarks
<i>Statistical Statement (concl'd).</i>			
Page 32B	1.4	1.46	In column 15 under Plague against Basti.
Page 35B	14.66	4.66	In column 15 under Respiratory Diseases against Bisalpur.
Page 35B	0.09	10.09	In column 15 under Respiratory Diseases against Farrukhabad-cum-Fatehgarh.
Page 44B	208	268	In column 18 under Total against Sikandrabad.
Page 46B	19,959	19,659	In column 4 under Population against Balrampur.
Page 47B	23.87	213.87	In column 18 under Infant mortality rate against Haldwani.
Page 48B	5	..	In column 5 under May against Sultanpur.
Page 48B .. ..	..	5	In column 5 under May against Partabgarh.
Page 49B	4502	4,702	In column 6 under Female against total for the province.
Page 50B	453	4,523	In column 4 under Number in each district against Garhwal.
Page 51B .. ..	.0	.04	In column 8 under Male against Bara Banki.
Page 53B	8 0	850	In column 5 under September against Almora.
Page 54B	35	32	In column 3 under Number in each district against Allahabad.
Page 54B	32	35	In column 3 under Number in each district against Jhansi.
Page 57B	28	.28	In column 7 under Total against Etah.
Page 57B	177	1.77	In column 8 under Mean Ratio against Moradabad.
<i>Statistical Statement of Vaccination.</i>			
Page 62B	12	512	In column 4 under Average population against Cawnpore.
Page 63B	88	81	In column 13 under Total against Sitapur.
Page 65B	Annua ..	Annual ..	In last column of the heading of the statements.
Page 72(B)	(1) these figures relate to Kumaun Division.	..	Line 4 from the bottom.
Page 73B	9,502	9,501	In last column under sub-column primary against Basti.
Page 81B	March 31, 1932	March 31, 1933	In heading of column 6.

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Sixty-fifth Annual Report of the Director of Public Health, United Provinces of Agra and Oudh, for the year ending 31st December 1932

CHAPTER I

METEOROLOGY, ECONOMIC CONDITIONS, I.E. PRICES OF FOOD GRAINS, ETC.

The following note on the principal meteorological and weather conditions in these provinces has been kindly furnished by the Director General of Observatories:

The cold weather period—January and February—During the month of January weather was dry in the province, except for a few light showers on the 10th-11th in the Kumaun Hills and its neighbourhood. There was some improvement in February, three out of the seven western disturbances causing local rainfall in different parts of the province, but the total of the month was generally in moderate to large defect. The total rainfall of the period was in moderate defect in the Jhansi Division and in large defect in the rest of the province. Skies were less clouded than usual in January, and humidity was generally in defect in February. During January maximum temperature was above normal throughout the province, while the minimum was also above normal, except in the sub-montane districts. Minimum temperature was below normal in the west of the province in February.

The hot weather period—March to May—Weather was dry in the first three weeks of March. In the fourth week, however, widespread rainfall occurred in the west of the province on several days in connexion with western disturbances. During April also weather was dry, except for local rain on the Kumaun Hills on the 17th and 25th with a few falls in the west United Provinces on the 24th and 26th. In the first week of May disturbed conditions were responsible for fairly widespread rainfall associated with thunderstorms. A severe hail-storm which passed over five villages in the Allahabad District on the night of the 5th is reported to have caused much damage to life and property. Weather was dry during the rest of the month, except for fairly general rain on the Kumaun Hills on the 24th and 25th. The total rainfall of the period was normal in the Agra Division, in slight defect in the Meerut and Jhansi Divisions, and in large defect elsewhere. Humidity was in defect in all the months. Maximum temperature was above normal throughout the province in March and in the eastern districts in May.

The monsoon period—June to September—During June weather was dry in the province up to the 20th, except for local thunder showers in the Kumaun Hills and the adjoining plains on the 15th and 16th. Consequently a spell of hot weather with high day and night temperatures prevailed up to the 20th when it was brought to an end by an extension of the monsoon which caused widespread rain in the province during the

next four days. With the cessation of rain temperature again rose, but a second extension of the monsoon and the associated rainfall lowered the temperature again at the close of the month. The total rainfall of the month was in large defect in the whole province, except in the Gorakhpur Division where it was in large excess.

Widespread thundershowers occurred at the beginning of July in connexion with disturbed conditions in north-west India. The monsoon extended along the foot of the hills on the 3rd and till the 18th its activity was mostly confined to the Kumaun Hills and the submontane districts. During the next three days widespread rain fell throughout the province under the influence of a depression from the Bay. The activity of the monsoon was again confined to the Kumaun Hills and its neighbourhood from the 22nd to the 26th. In the remaining days of the month, however, the monsoon was unusually active throughout the province. The total rainfall of the month was in moderate to large defect throughout the province, except in the Kumaun and the Meerut Divisions. The unusual activity of the monsoon continued up to the 17th of August and widespread rainfall was of daily occurrence in this period. After a stoppage of two days rainfall was again widespread in the plains and heavy in the hills on the 20th and 21st. After this the monsoon completely withdrew and weather was dry in the plains up to the end of the month.

During September widespread and locally heavy rainfall was received in the province between the 5th and 11th under the influence of a depression from the Bay. A second depression from the Bay was responsible for another burst of rain from the 21st to 24th. With the disappearance of this depression, the monsoon withdrew finally from the province and weather was dry during the rest of the month. The percentage departures of rainfall in the two sub-divisions during the monsoon period are as follows :

Sub-divisions	June	July	August	September	Period from June to September
United Provinces East	-38	-43	-3	-34	-27
United Provinces West	-72	-30	-14	+110	-4

Skies were more clouded than usual in September. Humidity was in defect during June and July. Maximum and minimum temperatures were above normal in June and the maximum alone in July.

*The retreating monsoon period—October to December—*Weather was dry in the whole province during the first three weeks of October. Under the influence of a depression from the Bay, moderate to heavy rain in the east United Provinces and a few falls in the Kumaun Hills were received on the 22nd and 23rd. Thereafter weather was dry throughout the province till the end of the month.

A depression from the Bay was responsible for widespread rain on the 2nd and 3rd of November with a few falls on the next two days. The rest of the month was rainless throughout the province. The total rainfall of the month was in moderate to large defect in the Kumaun, Meerut and Jhansi Divisions, and in large excess elsewhere.

The weather continued dry in the first three weeks of December. Under the influence of a western disturbance local rain was received in the west United Provinces from the 21st to the 24th and on the 29th. The total rainfall of the month was consequently in large excess in the west of the province, but was in defect in the east.

Cloud proportion, humidity, and temperatures were normal.

2. The department has been supplied with the following note by the Director of Agriculture, United Provinces, with regard to the agricultural and economic conditions prevailing in these provinces during 1932 :

January and February were practically rainless, with the exception of a few showers in the second and third weeks of February which were too light to have any appreciable effect on the standing crops. In the fourth week of March general though light rain fell in the province, except in the Benares and Gorakhpur Divisions and a few other districts, which facilitated the preparation of land for planting sugarcane. The first two weeks of April were practically rainless and the falls received in the third week insignificant, but the fourth week saw again a general though moderate rainfall. The average outturn of the *rabi* crops was estimated at about 87 per cent. of the normal as a whole.

With the exception of light showers in the first week, the month of May was practically dry and the temperature high. The rainfall of June was far below the normal throughout the province, except in the Gorakhpur Division. The rainfall of July was unevenly distributed and below the normal all over the province and more rain was still needed at the end of July. The rainfall in the month of August though appreciably above the normal in Allahabad and parts of the Benares and Fyzabad Divisions, was in defect in most other districts. September rains, though very unevenly distributed, were above the normal in some districts, but far short of the average in others. The total rainfall in the month of October was below the normal in almost all the districts, but the rain received in the last week of the month was generally beneficial. The month of November was practically rainless, except for some light showers in the first week. In fifteen districts the rain was one inch or over and it proved beneficial but in other districts it was too light to have any appreciable effect on the crops. The first half of December was rainless, but in the second there was light rain in most of the districts. Rice, in particular the late varieties, suffered considerably from drought and the outturn was estimated at about 60 per cent. of the normal for the early rice and 50 per cent. for the late rice. The inauspicious rains of October affected the cotton outturn adversely by causing a shedding of bolls in some places and the average outturn was estimated at 75 per cent. of the normal. The average outturn of the *kharif* crops was estimated at 72 per cent. of the normal. Ample employment was available for the labouring and agricultural population.

The following table shows the average prices in seers per rupee of the chief food crops during 1932 :

Month	Wheat	Barley	Gram	Rice	Arhar Dal
January	12.12	20.74	16.50	9.68	7.06
February	12.25	20.94	17.06	10.00	7.81
March	13.13	22.52	18.27	9.78	8.25
April	15.36	22.42	19.34	9.65	10.41
May	14.63	21.40	18.32	9.40	10.79
June	13.82	19.71	17.86	9.65	10.84
July	12.05	17.39	15.45	9.12	10.22
August	11.38	16.50	14.76	8.91	10.57
September	11.27	15.77	14.46	9.04	10.24
October	11.14	15.49	14.63	9.08	12.55
November	11.42	15.43	15.26	9.42	11.02
December	11.26	16.63	15.55	9.75	11.64

CHAPTER II

Vital statistics including population

1. The population of the United Provinces, excluding the Indian States of Rampur, Tehri-Garhwal, and Benares according to the census of 1931 is 48,408,763 and on this the provincial birth and death-rates shown in this report have been calculated. The area of the province is 106,248 square miles and the average population per square mile 456.

Population of the United Provinces on which birth and death-rates have been calculated and the area in square miles.

Appended is a table showing the birth and death-rates for the province for 1932 as calculated (1) on the census population and (2) on an estimated mid year population for 1932 based on the natural increase in population from April, 1931 to June, 1932, added to the census population.

<i>Population used for calculation</i>		<i>Birth-rate</i>	<i>Death-rate</i>
Census 1931.. ..	48,408,763	34.66	22.23
Estimated mid year population 1932 (census 1931—natural increase, April, 1931 to June, 1932)	48,829,318	34.37	22.05

2. In 1932, the birth and death-rates for the province were 34.66 and 22.23 respectively and the quinquennial average was 36.44 and 25.03 respectively. The figures for the preceding year were respectively 35.60 and 26.97.
- The birth and death-rates of 1932 as compared with those of 1931 and the quinquennial period (Statements I and II).

The birth and death-rates and infantile mortality of the United Provinces compared with those of other provinces.

3. A statement showing the birth and death-rates and the infantile mortality rates of the United Provinces and those of other provinces is appended below :

Province	Birth-rate	Death-rate	Infantile mortality
United Provinces ..	34.66	22.23	162.72
Bombay	35.89	23.04	156.39
Madras	Not available		
Bengal	26.6	20.5	178.9
Bihar and Orissa ..	33.8	20.6	128.8
Assam	30.06	18.96	156.58
Central Provinces ..	45.20	26.89	201.12
Punjab	41.36	24.70	178.52
Burma	27.75	17.30	184.50
North-West Frontier Province	28.39	20.00	129.34
Delhi	44.09	24.73	236.05

Births

4. In 1932, 1,678,072 births were registered showing a birth-rate of 34.66 against 1,723,434 and 35.60 in 1931. The quinquennial average was 36.44. The highest birth-rate (38.80) was recorded in November and the lowest (1.94) in May.

Births and birth-rates (Statement I).

5. The number of males born to every 100 females has practically been the same for the last nine years, the proportion in 1932 being 112.41 as compared with 112.26 in 1931.

Proportion of male to female births (Statement I).

6. The highest birth-rates were recorded in the districts of Moradabad (47.88), Bulandshahr and Budaun (44.29) each, Pilibhit (44.12), and Bareilly (43.49), while the lowest rates were recorded in Rae Bareilly (21.63), Partabgarh (24.39), Jaunpur (26.40), and Sultanpur (26.89).

The different birth-rates considered (Statement I).

7. The provincial birth-rate exceeded the death-rate by 12.43, the excess being shared by all the districts of the province.

Excess of births over deaths (Statements I and II).

8. Appended is a statement showing birth-rates per mille in the chief communities of these provinces (Hindus, Muslims, Christians, and other communities) for the year 1932:

			1932	1931
Hindus .. .. .	..	..	34.55	35.50
Muslims .. .. .	..	..	36.29	37.21
Christians .. .. .	..	..	9.89	10.89
Other classes .. .. .	..	..	17.26	16.21
Total .. .. .	..	..	34.66	35.60

9. The total number of births registered under this head during the year under review was 160,715 yielding a ratio of 47.27 per 1,000 of the population against 156,848 and 46.14 in the preceding year. 41 out of 85 towns recorded a birth-rate higher and 44 below the provincial average of 47.27. Agra with a birth-rate of 60.34 stood first, while Mainpuri with a birth-rate of 11.25 was the last.

Births and birth-rates in municipalities.

10. The birth-rate in municipalities exceeded the death-rate by 15.04, the excess being contributed by all the municipalities, except Kashipur (District Naini Tal), Hardwar Union, Brindaban, and Chandpur (District Bijnor).

Excess of births over deaths in municipalities.

11. During 1932, the number of births recorded in notified areas was 16,871 against 16,628 in 1931, the rates for the two years being 40.51 and 40.18. The notified areas which recorded the highest birth-rates were in order Pihani (Hardoi District) (62.29), Mawana (Meerut District) (59.47), Rath (Hamirpur District) (58.15) and Bilsa Budaun District (56.31) and those returning the lowest birth-rates were Rikbikesh (Dehra Dun District) (5.79), Chunar settlement (Mirzapur District) (8.59), Mainpuri civil station (13.50) and Deoria (18.07).

Births and birth-rates in notified areas.

12. The notified areas as a whole also showed births in excess of deaths by 13·86 per 1,000 inhabitants. The excess of births over deaths in notified areas. was shared by all except Rikhikesh (District Dehra Dun), Marehra (District Etah), Auraiya (District Etawah) and Shahganj (District Jaunpur).

Deaths

13. During the year under report the total number of deaths recorded aggregated 1,076,225 (581,125 males and 495,100 females) against 1,305,508 (695,734 males and 609,774 females) in the preceding year, the respective death-rates for these years being 22·23 and 26·97; the mean ratio for the previous five years was 25·03.

14. 25 districts out of 48 returned death-rates higher than the provincial average (22·23). As last year, the highest death-rate was shown by Bareilly (36·20) and the lowest by Ballia (13·07). For further details refer to Statement II.

15. In 1932, the provincial death-rate for municipal towns was 32·23 per mille of the population as compared with 35·28 in 1931, the actual number of deaths being 109,584 and 119,935 respectively. 38 municipalities out of 85 showed mortality in excess of the provincial mean 32·23 and the rest below that figure. The most conspicuous towns amongst the former were Chandpur (District Bijnor) (54·57), Hardwar Union (50·53), Benares (50·22), and Bisalpur (District Pilibhit) (49·88). The high mortality rates in Chandpur were due to "other fevers", and "other causes", in Bisalpur to "malaria", "exhaustion and malnutrition" and "other causes", in Hardwar to "other fevers", "other causes" and "exhaustion and malnutrition" and in Benares to "other fevers", "other causes" and "other respiratory diseases."

The lowest mortality was exhibited by Mainpuri (6·76), Mussoorie (8·33), Ballia (13·17), and Banda (13·29).

16. Compared with the preceding year the notified areas showed a decrease of 948 deaths, the figures for the two years being 11,102 and 12,050 respectively, and the resulting death-rates 26·65 and 29·12. Out of 50, 24 notified areas returned a death-rate above and 26 below the provincial average. Marehra (District Etah) returned the highest death-rate (62·84) and was followed by Rath (Hamirpur District) (47·36), Pihani (Hardoi District) (44·16), Colonelganj-cum-Sikraura (Gonda District) (38·87), and Aonla (Bareilly District) (38·72).

The high death-rate in Marehra was due to "plague", in Rath to "pneumonia", "other fevers", "measles", "diarrhoea", and "other causes", in Pihani to "malaria" and in Colonelganj to "other respiratory diseases."

The lowest death-rates were noticeable in Deoria (7·72), Chunar settlement (Mirzapur District) (8·59), Baghat (Meerut District) (9·13), and Moghal Sarai (Benares District) (9·87).

17. The highest mortality was recorded in June and the lowest in August, the respective death-rates for these months being 27·67 and 19·73. Mortality according to season. (Statement III).

(For further details of such statistics refer to Statement III appended to this report.)

18. During the year under report deaths registered under all ages amongst males and females aggregated 581,125 and 495,100 respectively, as compared with 695,734 and 609,774 respectively in the previous year, the death-rates for the two sexes being 22·84 and 21·56 respectively. Deaths amongst infants under one year of age numbered 273,062 comprised of 150,219 males and 122,843 females as against 308,610 (169,216 males and 139,394 females) in the preceding year. Mortality by sexes at different age periods (Statement IV).

(For further details refer to Statement IV.)

19. In the statement appended below are shown the deaths and death-rates amongst infants calculated on the births of the year for a series of years. Infantile mortality.

Year	Births			Deaths of infants			Death-rates of infants		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1921 ..	819,854	740,748	1,560,602	197,223	171,908	369,131	240·6	232·1	236·5
1922 ..	769,516	690,272	1,459,788	145,928	122,384	268,312	189·6	177·3	183·8
1923 ..	864,154	771,296	1,635,450	150,567	126,427	276,994	174·2	163·9	169·4
1924 ..	833,889	741,421	1,575,310	165,194	137,248	302,442	198·1	185·1	192·0
1925 ..	785,661	699,614	1,485,275	140,991	119,688	260,679	179·4	171·1	175·5
1926 ..	820,921	731,133	1,552,054	150,514	124,746	275,260	183·3	170·6	177·3
1927 ..	881,412	785,067	1,666,479	138,328	114,557	252,885	156·9	145·9	151·7
1928 ..	916,760	818,399	1,735,159	152,134	125,320	277,454	165·9	153·1	159·9
1929 ..	824,281	733,445	1,557,726	142,944	119,701	262,645	173·4	163·2	168·6
1930 ..	895,508	797,665	1,693,173	158,571	130,610	289,181	177·1	163·7	170·8
Decennial average (1921—1930).	841,196	750,906	1,592,102	154,239	129,259	283,498	183·8	172·6	178·5
1931 ..	911,494	811,940	1,723,434	169,216	139,394	308,610	185·6	171·7	179·1
1932 ..	888,045	790,027	1,678,072	150,219	122,843	273,062	169·2	155·5	162·7

The infantile mortality showed a decline as compared with the figures of the preceding year and the decennial average. 1,802 deaths were recorded in the municipalities employing medical officers of health as due to tetanus out of which 1,168 were verified by medical officers of health and only 852 were found to have actually occurred from this cause. No deaths from this cause were reported from the municipalities of Mussoorie, Muzaffarnagar, Meerut, Brindaban, Chandausi, Jhausi, and Hardwar.

20. During the year under report the infantile mortality per mille of births recorded was 162.72 as compared with 179.1 in the previous year showing a decrease of 16.38. In 23 districts the mortality was higher than the provincial average and in the rest lower. Amongst the districts showing high mortality were Naini Tal (227.17), Lucknow (218.43), Farrukhabad (209.04), and Saharanpur (204.17), while those showing the lowest mortality were Gorakhpur (104.44), Rae Bareilly (105.49), Ballia (110.02), and Almora (115.82). The highest rate exhibited by Naini Tal was due to malaria, enteric fever, other fevers and other causes; in Lucknow to malaria, other fevers, pneumonia, tetanus and convulsions, exhaustion and malnutrition, premature birth and other causes. Malaria, other fevers, diarrhoea, other respiratory diseases, tetanus and convulsions, exhaustion and malnutrition and other causes were responsible for the high mortality in Farrukhabad and plague, malaria, other fevers, exhaustion and malnutrition and other causes in Saharanpur.

21. During the year under report the infantile mortality in municipalities showed a further decline as compared with the figures of the preceding year, the death-rates for the two years being 235.42 and 253.53 respectively. This appreciable drop in the deaths amongst infants is obviously due to the efforts of the department. The death-rate amongst infants in 35 municipalities was higher and in 50 lower than the provincial average (235.42). Mau returned the highest mortality (365.38) which was chiefly due to malaria, other respiratory diseases and other causes. High mortality rate was also noticed in the municipalities of Farrukhabad (358.57), Etawah (355.81), Etah (323.47), and Sitapur (315.60). It was chiefly due to malaria, other fevers, diarrhoea, pneumonia, other respiratory diseases, tetanus and convulsions, exhaustion and malnutrition and other causes in Farrukhabad. In Etawah it was due to malaria, other fevers, tetanus and convulsions, exhaustion and malnutrition and other causes, in Etah to malaria and other causes, and in Sitapur to tetanus and convulsions, and other causes. The municipalities returning the lowest mortality were Ghazipur (121.97), Mussoorie (130.95), Ballia (149.18), and Meerut (153.39).

22. The notified areas numbering 50 returned an infantile mortality rate of 222.33 in 1932 as against 233.64 in 1931. The infantile mortality in 23 notified areas was higher, while in 27 lower than the provincial average (222.33). Heaviest mortality was shown by Mainpuri civil station (380.95), Auraiya in the Etawah District (375.00), Rikhikesh in the Dehra Dun District (347.83), Nimsar-cum-Misrikh in the Sitapur District (339.28), and Aonla in the Bareilly District (321.57). Gorakhpur notified

area (34.59), Deoria (76.33), Shikohabad in the Mainpuri District (85.71) and Baghpat in the Meerut District (89.55) exhibited the lowest mortality.

23. During 1932, the infantile death-rate per mille of births registered was 232.30 in the case of urban areas and 154.67 in the case of rural areas as compared with 249.93 and 171.30 respectively in 1931. The provincial death-rate for 1932 was lower than that of the preceding year both in the case of urban and rural population and is creditable.

24. The mortality amongst children was the highest in the month of September (28,363) and the lowest in the month of March (18,039).

25. The Muslim community showed the highest death-rate (22.87) followed by Hindus (22.24), other classes (11.72) and Christians (4.91).

26. In 1932, the death-rate from all causes was 31.47 in the case of urban and rural towns and 21.46 in the case of rural tracts as compared with 34.60 and 26.33 in 1931, and 38.67 and 24.04, the quinquennial averages respectively.

27. During the year under report the number of still-births recorded was 13,725 as compared with 14,886 in the previous year. As in the past Gorakhpur (3,171) topped the list and was followed by Sitapur (864) and Gonda (849). The lowest number of still-births was registered in Jalaun (10), Etah (25), and Sultanpur (27). As last year there was no still-birth in Mainpuri.

28. During the year under report as many as 3,771 deaths (which occurred within the limits and practice of Government medical officers as well as in the medical institutions) were verified by civil surgeons and their subordinate medical officers against 3,749 deaths in the preceding year. As usual the largest number of deaths was due to all other causes 2,523. Next in order came pneumonia with 378, tubercle of the lung with 208, dysentery with 164, other tubercular diseases with 89, all other infective diseases with 78, tetanus with 69, cholera with 63, malaria with 60, enteric fever with 30 and pyrexia of uncertain origin with 29. The deaths from scurvy, small-pox, rheumatic fever and rheumatism, plague, relapsing fever, gonorrhoea, kala azar, influenza, leprosy, and syphilis ranged from 2 to 20. Of these total verified deaths, 579 were among children, 2,329 among adults from 16 to 45 years of age and 863 among adults exceeding 45 years of age.

29. 8,203 birth and death entries were tested by the assistant directors of public health on general duty during 1932 against 660 in 1931.

30. This staff tested 263,583 birth and death entries in 1932 against 250,707 in 1931. The percentages of omissions discovered during the two years were 4.7 and 5.9 respectively.

Registration as tested by the district health staff.

31. During the year under report 99,765 entries (57,493 births and 42,272 deaths) were tested by the local authorities against 101,229 entries in 1931. The percentages of omissions discovered in the birth and death entries were respectively 3.04 and 2.47 against 3.22 and 1.80 respectively in the preceding year. Banda stood first with 29,000 entries. Then in order came Sitapur with 8,570, Budaun with 6,968, Moradabad with 5,089, and Allahabad with 4,336. The districts showing the smallest number of entries tested were Cawnpore (370), Sultanpur (386), Dehra Dun (836), Hardoi (850), and Mainpuri (933). No testing was done in the districts of Bulandshahr, Muttra, Etah, Bijnor, Farrukhabad, Etawah, Fatehpur, Jhansi, Ghazipur, Ballia, Azamgarh, Naini Tal, Kheri, Gonda, and Bahraich. No information was received from the districts of Bareilly, Benares, Jaunpur, and Gorakhpur. This testing is not now required to be done by the local authorities, but the voluntary assistance given by them in many cases is gratefully acknowledged and I would be glad of their continued co-operation in this respect.

Registration as tested by local authorities, revenue staff, and police

32. In all 1,314,660 entries (825,826 births and 488,834 deaths) were tested by the vaccination staff during the year under report against 1,237,931 in 1931, showing an increase of 76,726. The percentage of omissions detected in respect of births was 1.10, while in respect of deaths it was .72 as compared with 1.72 and 1.83 respectively in the preceding year. The highest number of entries was tested in the Hardoi District (53,435). Then came in order Meerut (44,427), Sultanpur (40,287), Saharanpur (37,803), and Sitapur (35,365). The districts reporting the smallest number of entries checked by the vaccination staff were Dehra Dun (4,932), Naini Tal (14,735), Partabgarh (16,953), Mainpuri (18,673), and Fatehpur (19,099). The attention of district medical officers of health and civil surgeons of the districts in which the number of entries tested fell below the provincial average will be invited to this fact and they will be asked to ensure a greater amount of this work being done by the vaccinators of their districts.

Registration as tested by the vaccination staff.

33. During the year under report 1,733 persons were fined for neglect in complying with registration rules. The total amount realized on this account was Rs.971. The corresponding figures for the preceding year were 1,891 and Rs.1,055, respectively.

Neglect to comply with registration rules.

34. From the table (appended below) indicating the ratios of deaths per cent. of the total number of deaths in the returns submitted by the expert agency and the ordinary registration agency as well as the calculated number of deaths on the data supplied by the qualified agency and the actual number of death reported by the ordinary agency it will be observed that deaths returned by the ordinary agency in respect of cholera, dysentery, relapsing fever, kala azar, and pneumonia were under

Accuracy of returns.

reported, while those returned by the same agency in respect of small-pox, plague, enteric fever, and malaria were over reported :

Name of disease	Percentage of total deaths by—		Calculated number of deaths on the data supplied by professional agency	Actual number of deaths reported by ordinary agency
	Verified agency	Unverified agency		
Cholera	1.67	.90	17,980	9,734
Small-pox .. .. .	.08	.26	856	2,779
Plague .. .. .	.11	2.00	1,142	21,497
Dysentery	4.35	.52	46,805	5,659
Enteric fever .. .. .	.79	.82	8,562	8,782
Relapsing fever .. .. .	.11	.02	1,142	243
Malaria	1.59	72.68	17,124	782,280
Kala azar .. .. .	.21	.02	2,283	232
Pneumonia	10.02	.92	107,879	9,927

The year's percentage of deaths by the two agencies in the case of kala azar were exactly the same as in the preceding year, viz. .21 and .02.

CHAPTER III

The state of Public Health in the Province and History of Chief Diseases

The table showing comparative death-rates per 1,000 inhabitants from the most important diseases during the years 1932 and 1931 and the average death-rates for the preceding 10 years appended below is indicative of the fact that the year under report was comparatively healthier than the preceding year inasmuch as the figures of deaths show a decline under all heads, while compared with the decennial average; the deaths during 1932 showed a small increase under "respiratory diseases" only and decrease under all other heads.

Chief causes of mortality	Death-rate per mille for 1931	Death-rate per mille for 1932	Average death-rate for preceding 10 years 1922-31	Increase or decrease as compared with 1931	Increase or decrease as compared with decennial average
Cholera	·64	·20	·66	- ·44	- ·46
Smallpox	·07	·06	·14	- ·01	- ·08
Plague	·64	·44	·95	- ·20	- ·51
Fever	21·18	17·63	19·06	- 3·55	- 1·48
Dysentery and diarrhoea	·32	·26	·28	- ·06	- ·02
Respiratory diseases ..	·76	·70	·66	- ·06	+ ·04
Injuries	·42	·42	·46	..	- ·04
All other causes ..	2·93	2·52	2·95	- ·41	- ·43
All causes	26·97	22·23	25·19	- 4·74	- 2·96

Cholera

2. During the year under report cholera claimed 9,734 deaths with a death-rate of ·20 against 31,118 and ·64 in the preceding year. The quinquennial average was ·94. Deaths and death-rates from cholera in the province (Statement VII). The highest number of deaths (3,243) was registered in September and the lowest (39) in January.

3. The deaths in 14 districts were in excess of the provincial average of ·20, the most conspicuous districts being Bareilly (1·29), Hamirpur (·76), Shahjahanpur (·69) and Budaun (·64). Cholera in districts inclusive of towns (Statement VII). The lowest mortality was reported from the districts of Agra and Unao with a death-rate of ·01 each and the districts of Muzaffarnagar, Mainpuri, Naini Tal, Gonda, Bahraich and Sultanpur, the death-rate for each of which was ·02. No death was returned from the district of Almora whereas only two deaths were recorded in the Jhansi District which yielded no ratio.

4. Out of 111 towns having a population of 10,000 or over, 50 were entirely free from cholera while deaths from this cause in 35 towns were not more than 10. Cholera in urban areas (Statement VI-B). The death-rate in 34 towns was below the provincial average (·29) while amongst those showing higher death-rates the most

conspicuous were Budaun (3.63), Atrauli (3.62), Etah (2.96) and Kasganj (1.77). The provincial death-rate for these towns last year was .41.

5. In rural areas the deaths from cholera during 1932 aggregated 8,633 with a death-rate of .19 as compared with 29,563 and .66, respectively, in 1931. The highest mortality was perceptible in the district of Bareilly, which exhibited a death-rate of 1.28. Then followed Hamirpur, Shah-jahanpur and Aligarh with the respective death-rates of .80, .66 and .58. No deaths were reported from the rural tracts of Almora while the number of deaths in the Jhansi District was too small to yield a ratio.

Plague

6. 21,497 deaths showing a death-rate of .44 were registered from this cause during the year under review as compared with 31,225 and .64, respectively, in the preceding year. The mean ratio for previous five-years was .77. The mortality in March was the highest (6,587) and the lowest (10) in August.

7. Mortality from plague was most marked in the districts of Bijnor (2.42), Saharanpur (2.30), Ghazipur (1.87) and Basti (1.44). This epidemic was absent in the districts of Dehra Dun, Bulandshahr, Muttra, Agra, Mainpuri, Farrukhabad, Etawah, Cawnpore, Fatehpur, Jhansi, Jalaun, Hamirpur, Banda, Almora, Garhwal, Lucknow, Unao, Rae Bareilly, Gonda, Bahraich, Partabgarh and Bara Banki while the number of deaths reported from Meerut, Allahabad and Mirzapur was too small to yield a ratio.

8. The provincial death-rate from plague in the case of towns having a population of 10,000 or over for 1932 was .30 as against .27 in 1931; the total number of deaths for the two years being 1,113 and 1,025, respectively. The highest mortality was noticed in Chandpur (14.64) in the Bijnor District, Bisalpur (11.33) in the Pilibhit District, Kashipur (8.51) in the Naini Tal District and Hardwar Union (3.51). In 25 towns the deaths did not exceed 10 while 73 towns were absolutely free from this disease.

9. The total number of deaths in the districts excluding towns was 20,384 in 1932 and 30,200 in 1931, the respective death-rates being .46 and .68. Of the districts returning the highest mortality the chief were Bijnor (2.62), Saharanpur (2.58), Ghazipur (1.98) and Basti (1.46). There were no deaths from plague in 23 districts while the deaths in two districts were too small to yield a ratio.

Smallpox

10. The total number of deaths from smallpox during 1932 was 2,779 as compared with 3,355 in 1931. The death-rates for the two years were, respectively, .06 and .07 and the quinquennial average .16. The deaths amongst infants under one year of age were 604, between the ages 1 to 10 years 1,039, and the rest amongst adults. The largest mortality (564), occurred in June and the lowest (28) in October.

11. The districts of Ghazipur, Azamgarh, Ballia, Dehra Dun and Benares showed the highest mortality with the respective death-rates of .68, .23, .20, .16 and .15. Smallpox in districts inclusive of towns (Statement VIII).

The districts of Mainpuri, Bareilly, Pilibhit, Jalaun, Banda and Partabgarh were entirely free from smallpox while the number of deaths reported from Aligarh, Muttra, Agra, Etah, Budaun, Shahjahanpur, Etawah, Jhansi, Hamirpur, Naini Tal, Garhwal, Hardoi and Allahabad was too small to yield a ratio.

12. Of the 111 towns with a population of 10,000 and over, 41 suffered from smallpox, the total number of deaths and the death-rate in respect of these towns being 477 and .13 during 1932 against 448 and .12 in 1931. Of these 41 towns deaths in 31 did not exceed 10 and of the remaining ten the worst affected were Mau (Azamgarh District), Gahmar (Ghazipur District) and Basti with the respective death-rates of 5.48, 2.39 and 1.46. Smallpox in urban areas (Statement VI-B).

13. In 1932, 2,302 deaths occurred from smallpox in the rural tracts of these provinces as compared with 2,907 deaths in 1931. The death-rates for these years were .05 and .06, respectively. As last year Ghazipur occupied the first position with a death-rate of .66. Then in order came Ballia (.20), Dehra Dun, Benares and Azamgarh each with a death-rate of .16. Eight districts were immune from the disease while in 16 the number of deaths was too small to yield a ratio. The lowest death-rate (.01) was recorded in the districts of Saharanpur, Bulandshahr, Lucknow, Unao, Sitapur, Gonda and Sultanpur. Smallpox in rural areas (Statement VI-A).

14. There being no smallpox hospitals in these provinces smallpox cases are treated in infectious diseases hospitals where such exist or in hospitals with infectious diseases wards. The table appended gives a short history of cases treated in these hospitals: Smallpox hospitals.

Statement showing the number and situation of smallpox hospitals and the number of patients treated in them and their vaccinal condition in the districts (including municipalities, etc.) of the United Provinces, for the calendar year 1932.

Serial number	Name of place where the smallpox hospital is situated	Number of patients treated in the hospital	Vaccinal condition of the patients treated in the hospital					Remarks, if any
			Vaccinated as evidenced by presence of one or more vaccination cicatrices	Stated to have been successfully vaccinated, but no vaccination cicatrix present	Stated to be unvaccinated or vaccinated unsuccessfully and no vaccination cicatrix present	Previously unvaccinated, but vaccinated during incubation of smallpox	Stated to have been successfully revaccinated	
1	Dehra Dun ..	17	15	..	2	..	..	15 patients were discharged as cured and 2 died in the hospital.

Serial number	Name of place where the smallpox hospital is situated	Number of patients treated in the hospital	Vaccinal condition of the patients treated in the hospital					Remarks, if any
			Vaccinated as evidenced by presence of one or more vaccination cicatrices	Stated to have been successfully vaccinated, but no vaccination cicatrix present	Stated to be unvaccinated or vaccinated unsuccessfully and no vaccination cicatrix present	Previously unvaccinated, but vaccinated during incubation of smallpox.	Stated to have been successfully revaccinated	
2	Mussoorie (Isolation hut) district Dehra Dun.	10	6	1	3	..	..
3	Hardwar (district Saharanpur).	9	6	..	..	3	..	9 patients in all were admitted. 6 vaccinated and 3 unvaccinated. 7 were cured and 2 unvaccinated died. All the 6 patients recovered.
4	Agra Infectious Diseases Hospital.	6	5	..	1	..	..
5	Cawnpore ..	12	4	..	..	8	..	
6	Jhansi ..	14	..	..	..	..	..	Treated in hospitals and branch dispensaries of the district.
7	Benares (Infectious Diseases Hospital).	27	20	..	7	..	1	
8	Naini Tal—Manora Epidemic Hospital.	9	9	..	..	..	..
9	Bhim Tal (district Naini Tal).	1	1	..	..	..	..	Recovered.
10	Ramnagar (district Naini Tal).	1	..	..	1	..	..	Result unknown.
11	Fyzabad (Ajodhya) Infectious Diseases Hospital.	2	..	..	unvaccinated.	No	No	Both cured.
12	Unao ..	6	..	..	6	..	..	Treated in hospital and dispensaries of the district.
13	Lucknow ..	13	5	1	7	Nil	Nil	
14	Allahabad ..	3	1	..	2 unvaccinated.	..	..

Fevers

15. During 1932, fevers were responsible for 853,256 deaths as against 1,025,285 deaths in 1931, the death-rates being 17.63 and 21.18, respectively. The mean ratio for the last five years was 18.80. The highest mortality was recorded in the month of June (92,091) and the lowest in August (60,913). According to the classification of fevers 782,230 deaths were due to malaria, 57,215 to other fevers, 8,782 to

enteric fever, 4,554 to measles, 243 to relapsing fever and 232 to kala azar. This distribution cannot be claimed as correct as the registration of deaths is done by village chaukidars whose reports with regard to causes of deaths cannot be relied upon.

16. The districts of Bareilly, Budaun, Moradabad and Pilibhit claimed the highest death-rates which were 29.41, 28.43, 26.61 and 26.24, respectively. The lowest death-rates were shown by Ballia (8.64), Gorakhpur (11.41), Jaunpur (11.70) and Basti (12.11).
Fevers in districts inclusive of towns (Statement IX).

17. During the year under report fevers were responsible for 49,634 deaths against 55,528 in the preceding year, the death-rates for the two years being 13.26 and 14.83, respectively. As last year the highest mortality was shown by Jalesar in the Etah District, the death-rate being 36.54. It was followed by Mau (Jhansi District), Debai (Bulandshahr District), Aonla (Bareilly District) with the respective death-rates of 35.40, 28.57 and 28.23. The lowest mortality was reported from Mubarakpur in the Azamgarh District (8.88), Mussoorie (1.00) and Ballia (3.36).
Fevers in urban areas (Statement VI-B).

18. In 1932, the rural areas of these provinces accounted for 803,622 deaths against 969,757 deaths in 1931. The rates for the two years were 17.99 and 21.71, respectively. The highest mortality rates were reported from Bareilly (32.00), Moradabad (29.81), Budaun (29.14), Naini Tal (27.46) and Pilibhit (27.14). The lowest death-rates were reported from Ballia (8.74), Gorakhpur (11.43), Jaunpur (11.76) and Basti (12.16).
Fevers in rural areas (Statement VI-A).

19. As stated in the preceding paragraph no. 15, the total number of deaths recorded during 1932 as having occurred from relapsing fever, enteric fever and kala azar was, respectively, 243, 8,782 and 232. The corresponding figures for 1931 were 342, 9,658 and 234, respectively. A comparative table showing the incidence of these diseases according to the reports of the verified and unverified agencies is given in paragraph 34 of chapter II. Special reports made by civil surgeons and district medical officers of health show an indication of only sporadic cases of relapsing fever in several districts.
Relapsing fever, enteric fever and kala azar (Statement VI-a).

20. Reports received from civil surgeons show that a number of cases of mild type of influenza were treated in the hospitals and dispensaries of several districts.
Influenza.

21. The Executive Committee of the Anti-Tuberculosis League, Lucknow, resolved at their meeting held on 3rd September, 1932, that the municipal boards in the United Provinces be asked through the Public Health Department to have a separate column for deaths due to tuberculosis in their statistical returns. In conformity with the above resolution steps were taken to carry out the wishes of the League. The consolidated returns received show that altogether 4,017 deaths due to this disease were registered during 1932. This information is not for the whole year as in almost all the municipalities this record was maintained from the date of the orders.
Tuberculosis.

Dysentery and diarrhoea

22. 12,836 deaths were registered from this cause during the year under report showing a death-rate of .26. The corresponding figures for the preceding year were 15,641 and .32, respectively, the mean ratio for the previous five years being .31. The highest mortality (1907), occurred in September and the lowest (549) in February.

Deaths and death-rates from dysentery and diarrhoea in the province (Statement X).

23. Garhwal as usual showed the highest mortality with a death-rate of 3.86. It was followed by Dehra Dun (1.05), Almora (1.03) and Moradabad (.83). The lowest death-rate was noticed in Sultanpur, Partabgarh and Banda (.02). Only three deaths were reported from Mainpuri which did not yield a ratio.

Dysentery and diarrhoea in districts inclusive of towns (Statement X).

24. During the year under report these causes contributed 8,006 deaths in towns with a population of 10,000 or over as compared with 9,107 in the preceding year, the rates for the two years being 2.14 and 2.43, respectively. Amongst the 111 such towns seven were immune from the disease while in 20 the deaths did not exceed 10. Of the rest the towns of Sambhal (Moradabad District), Brindaban (Muttra District), Hapur (Meerut District) and Chandausi (Moradabad District) were the most affected, the respective death-rates being 6.73, 5.19, 5.17 and 4.59.

Dysentery and diarrhoea in rural areas (Statement VI-A).

25. These diseases claimed 4,830 deaths in 1932 and 6,534 in 1931, the death-rates for these years being, respectively, .11 and .15. Of the districts recording the heaviest mortality, the most conspicuous were Garhwal (3.86), Almora (1.03), Dehra Dun (.63) and Ballia (.30). The lowest mortality was recorded from the districts of Banda, Basti, Rae Bareilly and Bahraich each with a death-rate of .01. Mainpuri and Hamirpur Districts returned one and four deaths respectively which were too small to yield a ratio.

Respiratory diseases

26. These diseases were responsible for 33,730 deaths during the year under review as compared with 36,612 showing a decrease of 2,882 deaths. The death-rates for the two years and the mean for the previous five years were .70, .76 and .73. The highest number of deaths (3,275), was noticed in December and the lowest (2,223) in July.

Deaths and death-rates from respiratory diseases in the province (Statement XI).

27. The districts showing the highest rates were Hamirpur (5.97), Lucknow (4.27), Cawnpore (3.27) and Agra (3.01) and those showing the lowest rates were Mainpuri (.03), Basti (.05) and Kheri (.07).

Respiratory diseases in districts inclusive of towns (Statement XI).

28. In towns with a population of 10,000 or over the deaths from these causes aggregated 25,071 showing a death-rate of 6.69 in 1932 as compared with 26,895 and 7.18, respectively, in 1931. Five towns did not return any deaths while in 18 the deaths did not number more than 10. Amongst the rest Cawnpore recorded the highest mortality (17.31). Then

in order came Kashipur (Naini Tal District), Rath (Hamirpur) and Agra with the death-rates of 16.58, 14.90 and 14.47, respectively.

29. Respiratory diseases contributed 8,659 deaths during 1932 with a death-rate of .19 as against 9,717 and .22, respectively, in 1931. As in previous years Hamirpur returned the heaviest mortality with a death-rate of 5.88 and was followed by Dehra Dun (1.20), Jalaun (.94) and Garhwal (.85). The lowest mortality was shown by Sultanpur (.01), Basti, Hardoi and Bahraich each with a death-rate of (.02).

Injuries

30. 20,156 deaths were recorded under this head during 1932, of which 1,818 were due to suicide, 13,526 to wounds or accidents, 4,451 to snake-bite or killed by wild beasts and 361 to rabies.

Deaths from several minor causes in the province (Statement VI).

31. In 1932, 2,638 deaths were due to injuries. Of these 98 were due to suicide, 2,428 to wounds or accidents, 91 to snake-bite, etc., and 71 to rabies.

Deaths from several minor causes in towns (Statement VI-B).

32. The total number of deaths recorded under this head in 1932 in the case of rural tracts were 17,463 - 1,720 for suicides, 11,093 for wounds or accidents, 4,360 for snake-bite, etc., and 290 for rabies.

Deaths from several minor causes in rural areas (Statement VI-A).

(Further details are available in Statement VI.)

All other causes

33. The deaths on this account were 122,237 in 1932 yielding a death-rate of 2.52 against 141,816 and 2.93, respectively, in 1931.

Deaths and death-rates under the heading "All other causes" in the province (Statement VI).

34. In 1932, deaths under all other causes numbered 29,738 with a death-rate of 7.94 as compared with 32,068 and 8.57, respectively, in 1931.

Deaths and death-rates under the heading "All other causes" in towns (Statement VI-B).

35. The deaths and death-rate for 1932 in the case of rural districts amounted to 92,499 and 2.07, respectively. The figures for 1931 were 109,748 and 2.46, respectively.

Deaths and death-rates under the heading "All other causes" in rural areas (Statement VI-A).

36. In 1932, altogether 1,964 deaths were recorded as having occurred in the province from child birth, 1,366 in towns and 598 in rural areas as compared with 2,058, 1,281 and 777, respectively, in 1931.

Deaths from child birth (Statement VI-a).

CHAPTER IV

EPIDEMIOLOGY

Staff—Rai Bahadur Dr. K. P. Mathur, Assistant Director of Public Health, II Range, remained in charge of the Epidemiology Branch till 29th February, 1932. From 1st March Dr. A. C. Banerjea, Assistant Director of Public Health, Malariology, United Provinces, held charge of the branch, in addition to his own duties. The staff consisted of 28 medical officers in charge of travelling dispensaries with a reserve of 12 medical officers and a store-keeper. In addition to these, seven temporary medical officers were entertained during epidemics.

2. There were 22,142 deaths from plague during the year under review. Of these 21,497 were reported from British districts and 645 from Indian States.

The mortality from plague in British districts during the last decade has been as follows :

Years	Deaths
1923	47,187
1924	50,210
1925	49,091
1926	57,237
1927	15,570
1928	80,948
1929	37,678
1930	10,946
1931	81,225
1932	21,497

It will be observed from the above table that plague has again been comparatively mild during the year under review.

3. As usual the months of February, March, and April showed the highest mortality—the highest figures having been reached in March when there were 6,557 deaths. In March 1931 there were 10,239 deaths.

The south-eastern districts as usual suffered most but Saharanpur, Bijnor, Bareilly and Fyzabad were also very badly infected. (For further details, refer to statement XII.)

PLAGUE BY DIVISIONS

Meerut Division—The mortality in this division was nearly the same as last year, viz. 2,574 against 2,319. Dehra Dun and Bulandshahr Districts remained entirely free. Except the district of Saharanpur, which reported 2,407 deaths, the mortality throughout the division was very low.

Agra Division—There was not much plague in this division. It returned 453 deaths in all. The districts of Agra, Muttra and Mainpuri reported no death. Aligarh and Etah reported 85 and 368 deaths, respectively.

Rohilkhand Division—This division returned 5,638 deaths against 8,982 last year. Bijnor recorded the highest number in this division, viz. 2,026. The mortality of the other districts was as follows :

Bareilly, 1,390 ; Budaun, 882 ; Moradabad, 707 ; Shahjahanpur, 404 ; and Pilibhit, 259. The adjacent State of Rampur reported 644 deaths.

Jhansi and Allahabad Divisions—Jhansi Division remained entirely free from plague and Allahabad reported only one death.

Benares Division—There were 3,171 deaths against 5,721 last year. Ghazipur was the most infected district in the division recording 1,541 deaths. Ballia, Benares, and Jaunpur reported 848, 590, and 191 deaths respectively. Mirzapur District remained practically free. One death was reported from the Benares State.

Gorakhpur Division—This division was responsible for the heaviest mortality. Figures for the whole division were 7,782 against 11,960 last year. Basti and Azamgarh reported 2,993 and 1,677 deaths respectively. Gorakhpur showed a distinct improvement, the mortality being 3,112 against 6,891 last year.

Kumaun Division—109 deaths were reported from the district of Naini Tal. Other districts remained free.

Lucknow Division—This division reported 540 deaths against 462 last year. The districts of Lucknow, Unao, and Rae Bareilly remained entirely free. The mortality in other districts, viz. Sitapur, Hardoi, and Kheri, was 228, 198, and 114 respectively.

Fyzabad Division—This year 1,199 deaths were reported against 1,626 last year. Fyzabad District reported 1,190 deaths and Partabgarh 9. Other districts of the division remained entirely free.

4. The total number of inoculations against plague performed during the year under report was 107,351 against 147,986 in the last year, out of which 34,864 were performed by travelling dispensaries, 37,761 by the district health staff and the remaining 34,726 by different agencies.

The attitude of the people towards inoculation was, on the whole, satisfactory. The value of inoculation as a prophylactic measure is fully borne out by the fact that in several large towns and villages 21,694 persons were inoculated against plague leaving 1,030,533 uninoculated. When the epidemic of plague raged in these localities it was observed that only 12 persons died of the former and 1,497 of the latter, giving a mortality rate of .5 and 1.4 per 1,000 of population respectively.

5. This preventive measure is getting more popular amongst the people.

Rupees 1,423 were placed at the disposal of the District Magistrates to assist people in evacuating their dwellings and taking other anti-plague measures.

6. The work in regard to the destruction of rats by trapping was introduced in the year under report in Hardwar and Kashipur Municipalities, Jaspur Town Area and Dundwala, a village in the district of Naini Tal, with a view to eradicate the chronic foci of plague from these places.

Rat destruction operations were continued in the towns of Bareilly, Moradabad, Shahjahanpur, Amroha, Saharanpur, Pilibhit, and Jahanabad (Pilibhit).

Owing to financial stringency the work of rat destruction had to be discontinued in Muzaffarnagar, Aligarh, Hathras, Muttra, Ghaziabad,

Hapur, Buda shahr, Sambhal, Meerut, and Bulandshahr Districts much against the wishes of the local bodies.

Considering the funds and the staff allowed for this work quite a large number of rats have been destroyed in the towns where the work has been in progress. Bareilly had full staff this year in order to eradicate the chronic foci of plague and to check the importation of plague into Naini Tal. Here alone 723,450 rats were destroyed during the year under report. In all other places the rat destruction work was carried out with the reduced staff.

The total number of rats destroyed during the year was 948,738 and the amount spent on anti-rat campaign was Rs.3,400.

Special anti-rat campaigns were also carried out in 25 villages of the Lucknow District through the agency of 13 Junior Red Cross groups. Various methods of destroying rats were tried. The number of rats destroyed was 8,371.

7. The number of travelling dispensaries at the beginning of the year was the same as in the preceding year, namely 36 Travelling Dispensaries. public health travelling dispensaries, four district board (viz. Muzaffarnagar, Pilibhit, Gonda, and Gorakhpur), one forest (Kheri), and two Tarai and Bhabar Government Estates travelling dispensaries.

As a measure of economy 13 public health travelling dispensaries were abolished under the orders of Government during the year under review. The District Boards of Gonda and Muzaffarnagar also closed their dispensaries with effect from 1st April, 1932.

The reduction in the cadre of travelling dispensaries has put considerable strain on the reduced staff who have now to be shifted constantly from place to place according to the epidemic needs of the Province.

It is fortunate that the year under review has been one of mild epidemics, otherwise it would not have been possible to adequately deal with the epidemic requirements of the Province with this reduced staff.

These itinerant dispensaries have proved very useful in epidemic times and in providing medical aid to the masses in rural areas where hospitals are few and far between.

In addition to the above, four reserve travelling dispensaries the equipment of which is kept stored at the headquarters of each district, were mobilized during the year under report.

The total number of patients treated by these units during the year was 158,320 and the number of minor operations performed were 1,221.

As usual the travelling dispensaries also did useful educational work in rural areas and distributed thousands of pamphlets relating to plague, cholera, malaria, relapsing fever, small-pox, and tuberculosis.

8. During the year under review the number of deaths from cholera was considerably less than the previous year, viz. 9,734 Deaths from cholera. as against 31,118. The rate per 1,000 of the population for the two years was, respectively, .20 and 1.35 and the mean for the previous five years was .94. The highest mortality occurred in September (3,243) and the lowest in February (17).

The deaths from the disease for the last 10 years are as follows :

Years	Deaths
1923	2,591
1924	67,000
1925	7,753
1926	6,166
1927	28,285
1928	44,941
1929	50,924
1930	61,884
1931	81,118
1932	9,734

Mortality from cholera has been particularly low during the year under review and the mortality for the year under report is lower than that in any year since 1927 but well within the average annual fluctuations. (For further details, see paragraphs 2 to 5 of Chapter III and statement VII.)

9. In Gorakhpur two cases of cholera were reported on 13th and 15th February as indigenous from Naikote. Fresh reports of cholera were received from Pipraich, Campurganj, Khajni, Maharajganj, and Hale police circle in the third week of March, 1932. Source of infection in these places could not be traced. This outbreak resulted in 140 deaths from 109 villages. Again fresh importations began from Nepal and Bihar to the northern and eastern parts of the district and these served as foci of an epidemic of cholera which lasted from July to November and claimed 979 deaths in 126 villages.

In Jaunpur the primary infection appears to have been brought from Benares District in the last week of April and the disease spread in different parts of the district but was soon brought under control.

Again in the month of September some persons from village Gaura (thana Kotwali) went to Gaya on pilgrimage and on return to their residences during the first week of October, three persons from amongst the aforesaid pilgrims fell ill and died. The infection remained confined to village Gaura only for about a fortnight, when it totally subsided.

In Bahraich the disease was imported in the month of August from the Ajodhia Jhula fair and it ended in the middle of September. In all 26 deaths occurred in seven villages.

In Naini Tal, Mazra Jhal, a village in Kichha Tahsil got the infection from the Rampur State in the last week of March, but the disease was soon brought under control.

Again at the end of August 1932 an imported case of cholera from Bareilly died at Haldwani followed by another case falling ill in the first week of September 1932. He recovered and with the usual precautions the infection was rooted out from the town. Simultaneously with the importation of cholera in Haldwani the disease made its appearance in Kashipur Municipality and took a toll of four persons within a period of 10 days. The disease was, however, soon brought under control, in spite of rather difficult conditions there. In November the disease reached Murliwala, a village in Jaspur Thana, from the Moradabad District, five seizures and five deaths occurred in the village, four of these in one family.

10. Strenuous efforts were made to combat the disease by permanganation of wells, disinfection of infected places, anti-cholera inoculations, and magic lantern demonstrations and lectures on cholera.

Measures adopted to check the outbreaks of cholera epidemic.

Since the abolition of the labour gangs in districts the work of permanganating the wells is rendered more difficult. "Mukhias" and "patwaris" responsible for the permanganation work do not generally realize its importance to the extent required. Cases of neglect of these agencies were reported to the District Magistrates who took suitable action against defaulters.

11. The anti-cholera scheme is now in force in 23 districts of the Province, comprised of the Lucknow, Fyzabad, Benares, Kumaun, and Gorakhpur Divisions which were supplied with permanganate of potash and kaolin in accordance with the prescribed scale. The supply to the remaining districts of the Province was limited to the extent of actual requirements.

Anti-cholera scheme.

The total quantities of permanganate of potash, kaolin, and essential oils mixture issued during the year were 25,635 lbs., 2,499 lbs., and 1,312 lbs. respectively.

Temporary regulations were framed under the Epidemic Diseases Act and enforced as necessity arose in several districts of the Province. The regulations have been found very useful in dealing with outbreaks of epidemic disease.

Reserve Officers of Provincial Health Service, travelling dispensaries and extra medical officers were detailed to the infected districts as necessity arose.

12. The total number of inoculations performed during the year by different agencies was 54,730 as against 130,880 in the previous year. Of these 18,045 were done by travelling dispensaries and 36,685 by district health staff and other agencies.

Inoculations.

13. Monetary grants aggregating to Rs.7,012 were placed at the disposal of the District Magistrates and Assistant Directors of Public Health of the ranges to cover charges in connexion with anti-cholera measures.

Monetary grants.

14. With a view to prevent importation of cholera into these Provinces by pilgrims coming by rail as well as to check its spread by pilgrims returning by rail on the dispersal of magh mela and other fairs, medical inspection of passengers was instituted at the following railway junction stations from 15th December, 1931 to 15th April, 1932.

Railway inspection of passengers

(1) Moghal Sarai, (2) Ballia, (3) Gorakhpur, (4) Bhatni and (5) Saharanpur.

Segregation huts were put up at these stations with necessary equipment and staff for the treatment of infectious cases.

The number of cases intercepted and treated at these temporary infectious hospitals was as follows :

Plague	..	..	..	..	..	8
Cholera	..	..	..	..	..	8
Small-pox	..	..	..	..	..	28

CHAPTER V

FAIRS AND FESTIVALS

The most important fair of the year was the Magh Mela which was held at Allahabad from 10th January to 22nd February, 1932. The gathering of the pilgrims at this fair was smaller as compared with the previous years owing partly to economic conditions and partly to political agitation. The medical and sanitary arrangements consisting of the inspection of pilgrims, travelling both by rail and by road, the essential conservancy arrangements in the fair area, etc. etc., were made on the usual scale under the control of the assistant director of public health, II range. Adequate arrangements with regard to the supply of water were also made. The medical officer of health, Allahabad, conducted the bacteriological examination of water and the wells were regularly permanganated. Food exposed for sale was regularly inspected. Temporary regulations under the Epidemic Diseases Act were enforced in the mela area and in the Allahabad Municipality. The mela area was quite free from any infectious disease except for one case of plague which was imported from Gorakhpur District. Cholera inoculation stations were established in the Infectious Diseases Hospital and the public health camp and 221 anti-cholera inoculations were done. The Hygiene Publicity Bureau gave public health exhibitions, cinema shows and health talks and songs with the aid of loud speakers.

Another fair of importance was the Dadri fair which was held at Ballia from 7th to 23rd November, 1932. The fair arrangements were supervised by the assistant director of public health, II range, and the district medical officer of health, Ballia. The gathering at this fair during the chief bathing days rose to 4 lakhs. The organization of the sanitary and medical arrangements in this fair was similar to that of the Magh Mela, Allahabad. The health of the pilgrims during the mela was good and not a single case of infectious disease was detected.

The medical and sanitary arrangements of the Sawan Jhula fair (Ajodhya-Fyzabad), the Lunar Eclipse fair (Benares), the Shah Kumber Devi fair (Saharanpur), the Piran Kaliar fair (Roorkee-Saharanpur), the Batesar fair (Agra), the Daranagar fair (Bijnor), the Dhaighat fair (Shahjahanpur), the Public Health exhibition and cinema shows at Dayalbagh (Agra), the Garhmukhtesar and Nauchandi fairs at Meerut and of the Dikhauti fairs at Hardwar and Rikhikesh were either organized or supervised by the range assistant directors of public health.

In districts with a district health service the medical and sanitary arrangements of all the fairs and religious gatherings held in the towns and villages of those districts were organized and supervised by the district health staff. Health exhibitions at these fairs were also organized by them.

The officers of the Hygiene Publicity Bureau of this department visited most of the fairs held in the province and gave magic lantern and cinema demonstrations. The cinema van also visited as many fairs as it possibly could.

Most of the fairs and religious gatherings held in the Province during 1932 presented a clean bill of health, there being only a few stray cases of infectious disease in a few fairs. 21 cases of cholera were imported in the Sawan Jhula fair (Ajodhya)—all from the various districts in the United

Provinces, except one from Chupra (Bihar). Out of these nine died, seven were discharged as cured and five were under treatment. One indigenous case of cholera was segregated at the Ram Naumi fair (Ajodhya). Two cases of cholera were detected at the Dhaighat fair (Shahjahanpur)—both cured. Four cases of smallpox and 34 cases of plague were reported from the Dikhauti fair at Hardwar. One case of smallpox and 24 from plague ended fatally. One case of cholera was imported from the Lucknow District into the Kurri Sudauli fair (Rae Bareli) and one such case was detected at the Dalmau (Rae Bareli) Kartiki fair. All the necessary anti-epidemic measures were taken during these fairs, with the result that the disease was nipped in the bud and did not spread.

The medical inspection of passengers was, as usual, done at the border railway stations, and at certain other railway stations in connexion with a number of fairs and temporary regulations under the Epidemic Diseases Act were also enforced wherever necessary. This arrangement has proved very useful in the suppression and control of epidemics.

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Another fair of importance was the Jhark fair which was held at Jhark, Bihar, on 22nd November 1922. The fair arrangements were supervised by the Assistant District Officer of Public Health, Bihar, and the District Medical Officer of Health, Bihar. The organization of the fair was under the supervision of the District Medical Officer of Health, Bihar. The fair was held at Jhark, Bihar, on 22nd November 1922. The fair arrangements were supervised by the Assistant District Officer of Public Health, Bihar, and the District Medical Officer of Health, Bihar. The organization of the fair was under the supervision of the District Medical Officer of Health, Bihar.

The medical and sanitary arrangements of the Jhark fair were supervised by the Assistant District Officer of Public Health, Bihar, and the District Medical Officer of Health, Bihar. The fair was held at Jhark, Bihar, on 22nd November 1922. The fair arrangements were supervised by the Assistant District Officer of Public Health, Bihar, and the District Medical Officer of Health, Bihar. The organization of the fair was under the supervision of the District Medical Officer of Health, Bihar.

In addition to the Jhark fair, there were other fairs held in the district. The medical and sanitary arrangements of these fairs were supervised by the Assistant District Officer of Public Health, Bihar, and the District Medical Officer of Health, Bihar. The fair was held at Jhark, Bihar, on 22nd November 1922. The fair arrangements were supervised by the Assistant District Officer of Public Health, Bihar, and the District Medical Officer of Health, Bihar. The organization of the fair was under the supervision of the District Medical Officer of Health, Bihar.

The office of the Hygiene Publicity Bureau of this department visited most of the fairs held in the provinces and gave advice and assistance to the organizers. The cinema vans also visited many fairs as it was found that the cinema was a very effective means of spreading anti-epidemic propaganda.

Most of the fairs and religious gatherings held in the provinces during 1922 presented a clean bill of health, there being only a few stray cases of infectious diseases in a few fairs. 21 cases of cholera were reported in the Jhark fair (Ajodhya)—all from the various districts in the United

CHAPTER VI

URBAN SANITATION (INCLUDING NOTIFIED AREAS) MUNICIPAL
WATER SUPPLIES

There was no addition to the number of medical officers of health employed in the municipalities of the Province. Medical officers of health. The municipal board, Gorakhpur, did not agree to have a separate whole-time medical officer of health during 1932 as well, for financial reasons, and the department had to permit the appointment of the district medical officer of health, Gorakhpur, as *ex officio* medical officer of health of the Gorakhpur Municipality at the repeated requests of the municipal board. Several IV class towns were classified as belonging to class III for purposes of the employment of medical officers of health, as their income during the previous three years had been over Rs.50,000. As, however, the entire pay of these officers is now borne by Government appointments to these new towns had to be kept in abeyance for the present for lack of funds.

District medical officers of health continued to supervise the sanitation and vaccination of the smaller municipalities in their districts which were without medical officers of health.

2. The year 1932 witnessed heavy retrenchments by municipal boards in all branches of their administration, including Conservancy and general sanitation. conservancy and public health. A general deterioration in the sanitary standards of municipal boards has, therefore, to be recorded during the year. In certain towns the number of sanitary appliances and staff was far below that laid down by Government as a working guide, and existing plant was not properly maintained.

During the year Government drew the attention of the municipal boards to the recommendation of the Royal Commission on Labour in India that greater power and more freedom of action should be given to the medical officers of health and their recommendations were carried out and the standard by-laws relating to public health adhered to more closely.

The sanitary condition of some of the larger municipalities received the special attention of the department, as at Lucknow where detailed investigations were made into the fly and mosquito nuisance, and definite recommendations were made to the boards for improvement in their conservancy departments; and anti-malarial measures were carried out on the advice of the malarial branch.

There were, however, certain municipal boards who did not carry out the recommendations made by assistant directors of public health for the improvement of the sanitation of their towns. Minor sanitary improvements were carried out in many towns and notified areas.

3. Negotiations have been going on for some years past for the construction of an infectious diseases hospital at Infectious diseases hospitals. Lucknow—a most pressing need—but owing to the various interests involved and administrative difficulties progress has been slow. In view, however, of the agreement that has now been reached with regard to the cost of the old police hospital which it is proposed to remodel as an infectious hospital, it is

hoped that this much needed project will be completed in the near future, and that not only will the requirements of the town be met but also that facilities for the teaching of infectious diseases will be available for the medical college authorities. The Board of Public Health is giving financial support to the scheme.

In the majority of the large towns in the province inadequate provision for the treatment of infectious diseases exists and patients have frequently to be segregated in temporary huts, which is very unsatisfactory. The department is doing its utmost to persuade local authorities to construct such hospitals. There are, however, excellent infectious diseases hospitals at Cawnpore, Dehra Dun, Hardwar, Muttra, Fyzabad, Brindaban, Rikhikesh and Benares. A new modern infectious diseases hospital is urgently required at Allahabad, having in view its importance as a city and a place of pilgrimage.

In order to popularize existing infectious diseases hospitals, this department has been favouring a scheme of opening an out-door dispensary for the treatment of general skin diseases at such hospitals, as such dispensaries attract patients and the prejudice against the infectious diseases hospital would thus gradually disappear.

4. Statements showing the results of the chemical and bacteriological analyses of municipal water supplies for the year 1931-32, prepared in the Provincial Hygiene Institute were submitted to the Board of Public Health. The results in Jhansi, an unfiltered upland water, were very bad, and the matter was reported to the Government for necessary action. The Dehra Dun results were also bad, but the municipal board did all they could to improve their water supply and have a new water-works project in contemplation. The Cawnpore board is to be congratulated on the excellent water which they supplied to the public. Good results were also obtained in Meerut and in Fyzabad. Benares, Lucknow and Agra were also very nearly as good, although a complete breakdown was, with difficulty, averted at Agra during May and June owing to unprecedented causes. A table showing the particulars as to the daily consumption of water, analytical results, etc. of the existing water supply system during 1932, is appended below :

Serial number	Municipalities or Notified Areas	Gallons per head consumed daily	Number of house connections since the opening of water-works up to 31st December 1932	Number of samples analysed in 1932			Remarks
				Chemically	Bacteriologically	Total	
1	Benares ..	37.1	16,550	2	550	552	8 of the bacteriological analyses gave unsatisfactory results.
2	Allahabad ..	21.1	7,362	8	565	573	10 ditto.
3	Cawnpore ..	39.7	10,988	8	2,535	2,543	718 ditto.

Serial number	Municipalities or Notified Areas	Gallons per head consumed daily	Number of house connections since the opening of water-works up to 31st December, 1932	Number of samples analysed in 1932			Remarks
				Chemically	Bacteriologically	Total	
4	Agra	21.4	5,772	18	1,983	2,001	11 of the chemical and 773 of the bacteriological examinations showed unsatisfactory results. These unsatisfactory results are of the months of June and July when the water was received from Kitham and canal.
5	Lucknow ..	30.2	12,445	8	192	200	16 of the bacteriological analyses gave unsatisfactory results.
6	Meerut ..	14.5	2,174	6	408	414	
7	Muttra ..	12.5	1,954	4	242	246	45 ditto.
8	Mirzapur ..	21.8	2,867	2	66	68	27 ditto
9	Naini Tal ..	14.1	473	4	114	118	7 ditto.
10	Mussoorie ..	29.7	740	5	129	134	9 ditto.
11	Jhansi ..	4.7	132	3	12	15	All the samples analysed chemically and bacteriologically gave unsatisfactory results.
12	Dehra Dun ..	9.0	65	24	296	320	9 of the chemical and 118 of the bacteriological examinations showed unsatisfactory results.
13	Fyzabad ..	16.9	1,367	4	271	275	
14	Unao	11.8	226	2	27	29	18 of the bacteriological examinations showed unsatisfactory results.
15	Hardwar Union ..	18.8	247	12	370	382	38 ditto.
16	Aligarh ..	3.6	664	9	104	113	5 of the bacteriological analyses gave unsatisfactory results.
17	Fatehpur Sikri ..	6.6	..	1	2	3	
18	Kosi	8.5	12	2	12	14	

As usual, in nearly all the towns having piped water supplies the analysis of samples of water was done in the municipal laboratories by medical officers of health. A number of samples sent by some of these towns were also analysed at the Provincial Hygiene Institute. During the hot weather of 1932 the water supply at Agra broke down, as owing to the gross pollution of the nearly dry river bed and insufficient scouring by canal water a very foul water was supplied to the water-works with which the silted up sedimentation tanks and defective slow sand filters were unable to cope. As a result of this breakdown special pressure was brought on the board to ensure proper and regular cleaning of the sedimentation tanks and re-sanding of the filters. The canal authorities are also co-operating by ensuring a more lavish supply of canal water in the river bed during the dry months of May and June. The Agra Water-Works were inspected by my predecessor, the Superintending Engineer, Public Health Department, the assistant director of public health, I range, and a bacteriologist from the Provincial Hygiene Institute. Samples of water were taken and examined by the bacteriologist who remained at Agra for more than a month and took measures for improving the piped water supply. Detailed reports with regard to the causes of the pollution of the water supply were also submitted to Government. The analyses of water supply at Benares, Cawnpore, Mirzapur, and Allahabad were inspected in April and July, 1932 by the assistant director of public health, II range.

Steps are also being taken to analyse all water supplies at different seasons—winter, hot weather and monsoon seasons—at the Provincial Hygiene Institute and to maintain standards for these different times of the year.

CHAPTER VII

RURAL SANITATION

No expansion of this service could be undertaken during the financial year 1932-33 owing to lack of funds. The district health boards of some of the districts which have no district health service. The district health service had been willing for some years past to contribute their share of the cost, if the service were extended to their districts. Government accordingly agreed to transfer the service from non-contributing to those the district boards of which were willing to contribute. In pursuance of this policy certain district boards were pressed for their share of contributions with the alternative of the withdrawal of the service from their districts if they did not pay. As a result of this, the district boards of Benares and Muttra have resolved to make the required contributions. The district board of Rae Bareilly have also decided to contribute a portion of the cost of the service in their district. The district boards who were originally willing to contribute their share of the cost of the service ultimately declined to do so for financial reasons and the proposal to transfer the service to contributing districts had to be abandoned.

2. These gangs were reduced by half in the last year as a measure of financial stringency. During the year 1932 these gangs were entirely eliminated in view of the further need for economy. The work of the health staff in the villages has been greatly hampered by the absence of these permanent gangs, and medical officers have to rely entirely on persuasion and the efforts of the villagers themselves to promote sanitary improvements.

Appendix B attached to this report gives a statistical summary of the work done by the district health staff during the year. In addition, mention may be made of the following special schemes conducted by this department in connexion with improvement of rural sanitation.

3. This continues to be an important measure for the improvement of rural sanitation. It comprises three aspects, viz. :
Village aid scheme.

(i) training of at least two adult villagers in each village in elementary sanitation and first aid. The object of this training is to provide guidance to the villagers in case of ordinary needs and difficulties, and many instances have been brought to notice in which cases of snake-bite, scorpion bite, drowning, and disinfection in case of suspected cholera, have been successfully attended to by such "aiders";

(ii) the establishment, generally in charge of village school teachers, of a "village aid" dispensary with a few simple remedies;

The financing of these dispensaries has continued to present difficulty as district boards in a few cases only have given assistance. These dispensaries create a demand for better medical treatment in the rural areas.

(iii) the storage of manure and refuse outside the inhabited site, preferably in pits, and the construction of soakage pits.

The following table will show the progress made in extending this scheme in the year :

	Up to end of 1931	Up to end of 1932
1. Total number of village aid dispensaries ..	2,082	2,316
2. Number of villages in which all parts of the scheme are in force	980	1,064
3. Number of villages in which parts of the scheme are in force	5,636	5,447
4. Total number of wells made sanitary	2,456	3,507
5. Number of new village aiders trained in respective years	58,496	74,933

4. Eversince the inception of the district health service attention has been directed to these small units in order to awaken in the minds of the panches a desire for better sanitation. The conditions throughout the year were unfavourable for much progress. For various reasons the funds at the disposal of the panchayats also were very low. Still in many cases these units have supported village aid dispensaries and have otherwise devoted attention to sanitation, the first item which engages their attention being improvement of wells.

5. Mention was made in the last year's report of the scheme for the appointment of resident Public Health officials for groups of villages in the Maharajganj and Padrauna tahsils of the Gorakhpur district. During the year 1932 certain changes based on experience gained were made. The circle of each such official was reduced to 16 square miles, containing a population of 2,000 and the residence of these officials was fixed. It is possible now for them to cover their whole beat within 10 days. Their duties consist of supervision of disinfection of wells by village revenue officials, distribution of anti-cholera medicines and quinine, vaccination, registration of vital statistics, health propaganda, training of village dais and enforcement of district board bye-laws relating to public health. The scheme is supervised by a medical officer of health of gazetted status. The pay of the subordinate officials and other charges on the scheme are borne by the district board of Gorakhpur.

The value of this organization has been demonstrated in the large increase in the numbers vaccinated, in the large reduction of deaths from cholera, in the greater accuracy of vital statistics and in the general cleanliness of villages. The district board have also, as an impetus to the training of indigenous dais in this area, sanctioned the present of a clean sari to each dai who does well in the examination. A set of instruments is proposed to be given to them during the current year.

6. This scheme is an experiment in rural public health work, based on experience gained in Travancore, Ceylon, and other parts of the world. The underlying idea is to apply a more detailed public health organization to a limited area in order

to demonstrate what intensive health measures can achieve, and to create the demand for better sanitation.

It has been possible to initiate this scheme with the financial assistance of the International Health Board of the Rockefeller Foundation of the United States of America. This organization has undertaken to meet 50 per cent. of the cost in the first year, 33½ per cent. in the second year, and 25 per cent. in the third year, upon a budget mutually agreed upon. The foundation also provided a fellowship to an officer of this department to study similar work being done in the United States of America who, on return, has taken over charge of the unit.

The unit was started in the Partabgarh district and covers an area of about 60 square miles. It consists of Bela, the headquarters town of the district, two town areas and 102 villages. It thus includes both types of population, urban being 11,915 and rural 39,175. The staff consists of one medical officer of health and five sanitary inspectors for general public health duties and one medical woman, three health visitors and nine midwives for maternity work, child welfare, and home visiting. The members of the staff are stationed in the areas in which they work.

In accordance with the usual programme followed in such work, a detailed survey of the entire area was first undertaken. This afforded opportunities to the staff to get into touch with the inhabitants and brought to light the specific problems to be tackled.

Vaccination in this area is performed by sanitary inspectors who by reason of their higher social status and training are meeting with less opposition from the people than ordinary vaccinators. Special stress has been laid on health education. Magic lantern outfits have been supplied and hygiene propaganda is carried on by sanitary inspectors and by each member of the maternity staff, the latter do so among the women in the urban and rural areas.

It has been possible, with the staff of health visitors and midwives provided, to offer an efficient maternity, infant and child welfare service. The midwives rendered free service to 371 expectant mothers at the time of their confinement and for 10 days afterwards. The anti-natal cases, the infant and the pre-school children were under the care of health visitors who paid regular house-to-house visits. The services of the medical woman were also available to the public for consultation and treatment. For purposes of group instruction maternity, infant and child welfare clinics were held at six different places, at which facilities were provided for examination and treatment and the lady doctor was in attendance.

An effective school health programme has been developed and Junior Red Cross groups have been established in nearly all the schools. Clinics were held in a number of schools for the correction of defects.

It is proposed during the current year to introduce bored-hole latrines, which are an innovation in this part of India, and cost very little to construct. They are particularly suited to rural conditions in that they do not require the services of a sweeper. The excrement is conserved in a sanitary manner and is available after a time for use as very good manure. It is also proposed to treat the population for hookworm and malaria after finding out the true incidence of these diseases.

7. Mention was also made in last year's report of another scheme for Rural uplift and rural uplift, initiated in the Court of Wards villages collaboration of various in the Fyzabad district. Under this scheme the agencies.

Public Health, Co-operative, Veterinary, and Agricultural Departments have been collaborating together. This work is for the present confined to a compact area of 60 villages. The members of the sanitation committees, which consist of the villagers, are stated to be exerting their influence in the direction of better sanitation and the district medical officer of health reports that personal hygiene is making progress. A large number of windows have been provided in the village houses, houses and cattle-sheds were kept clean, soakage pits and a large number of *nands* have been provided, manure is kept in pits and outside *abadi*, a number of insanitary pits have been filled up and vaccination is becoming more popular.

In the Pilibhit district also more or less similar work is being done, mainly on the initiative of the former District Magistrate. Village uplift and rural reconstruction committees have been formed in several other districts, which are pursuing work on more or less the same lines.

8. It has been consistently impressed upon the district health staff that it is of utmost importance to concentrate in selected areas where conditions are favourable, for achieving real progress and to prevent waste of time and energies by drifting aimlessly through all the villages. The following instances of such concentrated work may be cited :

Construction of public health work in small areas.

In *Basti* an area comprising 34 villages within a radius of 5 miles from tahsil headquarters was selected in Domariaganj for detailed attention. A sanitary survey of all the villages was done and the defects removed by the residents as far as possible on the advice of the sanitary inspector who was supported in this work by the tahsildar and the naib-tahsildar. Special stress was laid on surface cleanliness, storage of manure in pits or outside *abadi*, construction of soakage pits, improvement of water supply by provision of *kachcha* or *pucca* jagats and training of "village aiders".

In *Ghazipur* three areas (Zangipur, Muhammadabad, and Saidpur) were selected for intensive work. Surface cleanliness, training of village aiders, dais, and other public health measures, which could be attempted without spending money, were carried out.

A new feature in some districts was the enlistment of the co-operation of retired army officials, who resided in the villages, in the cause of rural uplift. One district medical officer of health attended the quarterly meetings of the District Soldiers' Board and gave lectures on the methods for improving rural sanitation.

9. In 1929, the United Provinces Village Sanitation Act was amended and the rules under this Act, under which the sanitation of the rural areas was previously ensured, were cancelled. District boards were made responsible for regulating rural sanitation through by-laws to be framed under the District Boards Act, but the hope that these by-laws will be readily framed, and the gap created by the cancellation of rules will be filled has not yet been fulfilled. Many districts are at present without

any sanitary legislation upon which the health staff could rely for insistence upon the removal of nuisance.

Information available as to the precise working of the by-laws where these have been framed is at present meagre, but the following extract from the report of the Sultanpur district is interesting :

"The by-laws framed by the district board from time to time were duly enforced, but special care was taken not to levy prosecutions on a large scale, but to take work by persuasion and by issue of notices only. The following table will give an idea of the number of notices served and prosecutions instituted :

		Under section 174(2) (d) of the Act (for protection and improvement of water supplies)	Under section 174(2) (c) of the Act (for sanitation, conservancy and drainage)
Notices issued	..	138	194
" complied with	..	130	140
" not complied with	..	8	34
" pending	..	..	20
Prosecutions instituted	..	8	34
Results	.. ..	All fined more or less.	All fined more or less.

10. In view of the reduction in the amounts placed at the disposal of the Board of Public Health the grants given by this Board for minor and petty works in the rural areas fell from Rs.47,365 in 1931-32 to Rs.33,310 in 1932-33. Priority was given to schemes for improvement of water supply. During the year the Board decided that no assistance would be given towards a work the total cost of which was less than Rs.100 as the value of such work individually was not in proportion to the large amount in the aggregate allotted.

11. During the year 1931-32 the total income of the district boards in the United Provinces from all sources including all Government grants was Rs.1,99,44,007 and excluding these grants Rs.1,15,52,380.

The total expenditure of these boards on Public Health amounted to Rs.6,04,273. Out of this, Rs.2,97,991 were spent on vaccination, Rs.1,50,737 on public health establishment other than vaccination, Rs.38,522 on epidemics and Rs.1,17,017 on other public health purposes.

The receipts of the boards from Government, the Board of Public Health and other sources specifically ear-marked for public health purposes, aggregated Rs.2,96,696.

It will therefore be seen that district boards, after excluding expenditure on public health purposes for which they received specific grants, spent only a sum of Rs. 3,07,577 from their own funds. This represents an expenditure of 2.7 per cent. of their *own* income on public purposes against 3.12 spent in the preceding year. If the expenditure on vaccination, the scale of staff and other charges on which have been fixed by rules, is excluded from the above, the actual amount spent by the 48 district boards on rural sanitation, improvement of water supply, control of epidemics, etc. would come to Rs. 9,580 only or Rs. 0.08 per cent. of their own income, against Rs. 0.29 in the preceding year. It is unfortunate that while income of the boards was higher during the year 1931-32, expenditure on public health was definitely lower than the income and expenditure during the year 1930-31.

CHAPTER VIII

MALARIA

Dr. A. C. Banerjea, Dr.P.H., Assistant Director of Public Health, held charge of this branch throughout the year.

Staff. Dr. B. M. Roy, D.P.H., continued as the senior Assistant Malaria Officer during the year and Dr. P. N. Chatterji as the junior assistant from the 1st January, 1932, to 30th September, 1932. During the rest of the year the latter officer was on post-graduate training and Dr. I. S. Gupta, D.P.H., a reserve medical officer of health, officiated for him.

Summary of the principal activities of the Malaria branch

I.—Anti-Malarial works at Banbassa, Sarda Canal Head Works—Routine anti-malarial measures were carried out by the Irrigation Department in the Head Works Area at Banbassa. This area was inspected in December, 1932, and advice as regards certain anti-malarial measures was given to the officer in charge.

II.—Anti-Malarial works in the Tarai and Bhabar Government Estates—Permanent anti-malarial works were continued by the estates authorities in the Bazpur and Gadarpur "parganas" on the lines recommended by this department and consisted chiefly in the re-alignment of canals, filling up of pits, drainage of tanks, etc. at a cost of Rs.3,081 (from April to December, 1932). 30 lbs. of quinine and 120 lbs. of cinchona tablets were distributed free in the area.

A scheme of treatment with cinchona and plasmoquine is in force in 19 villages under the supervision of the district medical officer of health. The cost of these drugs is borne by the Estates.

III.—Training in the principles of Malaria work.—(1) Regular courses of instructions including field work were given to one medical officer of health, class I, and six students of the D.P.H. and L.P.H. classes.

(2) Short courses of advanced training in malaria were given to seven medical officers of health of class I and eight medical officers of health, class II.

(3) Thirty-six students of the sanitary inspectors' class were given an elementary course of instructions in practical anti-malarial methods.

IV.—Malaria investigations.—(1) Malarial investigations of Gorakhpur municipality (continued from last year) and Ranibagh (district Naini Tal) were carried out during the year.

(2) Bhimtal, Kosi, and Brindaban which had been surveyed previously were re-visited during the year to carry out further investigations.

V.—Investigation and control of malaria epidemic:—

(1) *Rural areas.*—The districts of Muzaffarnagar and Gorakhpur reported a mild outbreak of malaria. In the former district, 82 villages of the one and the same pargana (thana Bhawan) were affected and 5,020 persons were treated by the free distribution of 18 lbs. of quinine from the reserve stock of the district medical officer of health. In the latter district the area affected was in the north of Maharajganj tahsil. Endemic conditions prevailed in this area with a spleen rate varying from

14 to 54 per cent. The epidemic was probably an accentuation of endemic conditions.

(2) *Municipalities*—(a) *Lucknow municipality*—A constant watch was kept on the efficiency of the anti-malarial measures carried out by the municipal board. Malarial sickness and deaths continued to be satisfactorily low during the year under report.

This does not alter the necessity and urgency of dealing adequately with the well and the drainage problem of this town. If these problems are neglected and are not dealt with in the near future there is every likelihood of a recrudescence of malaria.

A proposal to flush the Ghazi-uddin Hyder canal with water from the Sarda Canal is under consideration. Patches of stagnant water in the connected portion are frequently found breeding mosquitoes and to meet this the Engineering Branch have been advised.

VI.—Investigation in the Sarda Canal Area—Certain villages were visited in the districts of Shahjahanpur, Pilibhit, Bareilly, Hardoi, Lucknow and Unao. The pooled spleen rate of the villages under canal irrigation was found to be 16.9 % as compared with 16 % last year and in the villages not under canal irrigation 4.4 % as compared with 8 % last year. It will be observed that this was a particularly dry year and that the spleen rate in villages not under canal irrigation has gone down from 8 % to 4.4 % while the spleen rate in villages under canal irrigation has gone up from 16 % to 16.9 %.

Particular mention should be made of the large number of villages on the Lucknow and Sandila branches (Lucknow and Hardoi districts) where spleen rates vary from 30 to 45.5 %.

VII.—Spleen census of mortuary circles in districts with health service—The data available show that the districts of Naini Tal, Mirzapur, Unao and Lucknow report spleen rates in the spring season from 11 % to 23 % while the districts of Fatehpur, Rae Bareilly, Muttra, Moradabad, Jaunpur, Bara Banki and Allahabad register spleen rates between 7 and 10 % while all other districts have a spleen rate of less than 5 %.

The rates for the Autumn malaria season are lower than the Spring figures whereas the reverse was the case last year.

As stated last year these are very valuable records and the results of these examinations make it possible for the district health staff to persuade local boards to allot funds for the treatment of scholars in the malarious areas.

VIII.—Anti-malarial measures through Scout Organization and Junior Red Cross Groups—Scout organizations (Sewa Samiti) and (Baden-Powell) in 33 centres were trained in simple anti-malarial measures, of which 24 centres showed considerable interest.

IX.—Adoption of anti-malarial by-laws by the local boards—Fourteen more municipalities adopted these by-laws during the year under report and the total number of such municipalities and notified areas is now 18.

X.—Cinchona cultivation—Cinchona seeds of three different species (*Cinchona succirubra*, *C. ledgeriana* and *C. hybrid*) were sown at Patwa

Dangar under the supervision of the Superintendent, Government Bovine Lymph Depot. The experiment will be continued.

XI.—Quinine and cinchona supply for malarial epidemics.—The Quinine factory was transferred from the Aligarh Jail to the Malaria branch, Lucknow, from the 1st April, 1932. New machinery was installed at a cost of Rs.3,797. As a result of the reorganization of the factory the quinine and cinchona tablets are now manufactured at a cheaper rate, the cost for quinine tablets having been brought down from Rs.30 to Rs.22 per lb. and that for cinchona tablets from Rs.12 to Rs.11 per lb. The quality of the tablets has also considerably improved.

One anna packets of quinine tablets sold through post offices which used to contain 4 tablets of 3 grains each now contain 5 tablets of 3 grains each.

Post office packets have been made damp-proof and more attractive.

XII.—Experimental anti-malarial schemes.

(i) *Rural cinchonization schemes.*—The combined treatment scheme with cinchona and plasmoquine in the districts of Muttra, Muzaffarnagar, Kheri, Gorakhpur, Bulandshahr and Moradabad was discontinued from the middle of March, 1932. The scheme was transferred to 20 villages in the districts of Lucknow, Unao and Hardoi from September, 1932, in order to properly gauge its effect on the malarial incidence in places where no such scheme was in existence previously and in view of the high spleen rates in these districts as mentioned in paragraph VI.

An officer of this branch was deputed to carry out the preliminary investigations into the malarial incidence in each of these villages as obtaining before the initiation of the scheme. Similar data were obtained for "control" villages in the same areas as the "scheme" villages and more or less similarly situated. These data will serve as a basis for finding out the effects of the scheme on the malarial incidence as well as on the severity of the disease.

In view of the paucity of funds three days' course of cinchona and plasmoquine has been recommended, although it would have been ideal to carry on the treatment for at least seven days. The dosage has been fixed at twenty grains of cinchona per day for adults over a period of three days and one-six grain plasmoquine tablets twice a day for three days. Correspondingly smaller doses were prescribed for children of various age groups, women and weak persons. Contra-indications for the exhibition of plasmoquine were specially mentioned.

The distribution of plasmoquine was entrusted to lay hands and no untowards incident occurred.

The number of cases treated in these villages since September, 1932, (when the scheme was initiated) was 856 and the reported febrile relapse rate was 8%.

(ii) *Distribution of cinchona through local bodies and voluntary agencies, e.g. "Taraqqi Sabha" and Rural Uplift Societies.*—During the year a very great extension in this work was made through the following agencies:

(a) *Pilibhit district board.*—The partially subsidized scheme of cinchona distribution through the "Taraqqi Sabha", Pilibhit, was converted during the year to a sale scheme through the district board on an

entirely self-supporting basis. The district board allotted initially a sum of Rs.265 to stock 53 sales agents with a box of cinchona febrifuge tablets (containing 92 packets of 6 tablets of 5 grains each of cinchona febrifuge) costing Rs.5 each. The sale price of each treatment packet was kept at anna one and Rs.5-12 was realized from the sale of the full box. Out of this the sales agent remitted Rs.5 to the Quinine Factory to get a fresh supply, and made a net profit of annas 10 less money order commission of annas two by way of his commission. In this manner the scheme worked automatically without any further investment of money.

(b) *Shahjahanpur Village Uplift Association*—Under the auspices of this association 42 villages were selected for a treatment scheme with cinchona and plasmoguinine on the lines of the rural cinchonization scheme which is being tried by this Branch. The association provided the necessary funds for the purchase of a part of cinchona tablets and also arranged for the distributing agencies. Plasmoguinine (25,000 tablets) and 30 lbs. cinchona tablets were supplied to the association from this branch free of cost.

(c) *Partabgarh Health Unit*—A treatment scheme with cinchona and plasmoguinine on the lines of the rural cinchonization scheme was introduced as part of Health Unit work in 24 villages. The necessary funds for the purchase of both drugs were provided by the Health Unit.

(d) *Mirzapur district board*.—A similar scheme (combined cinchona and plasmoguinine treatment) was introduced in 8 villages in this district; the board met the charges for cinchona and the distributing agencies and plasmoguinine was supplied free by this branch.

(e) *Unao—"Panchayati Villages"*—Six villages continued under the cinchona plasmoguinine scheme since last year. The cost of the cinchona was met by the district magistrate through the "Panchayati" funds.

A large number of villages in these districts was visited by an officer of this branch to initiate the scheme and to undertake preliminary investigations with a view to determine the suitability of each village for the scheme. Corresponding data from "control" villages have also been obtained.

(iii) *Experiments in the laboratory and field trials with "water boatmen" a natural enemy of mosquito larvae*.—"Water boatmen" (Family Notonectidae) were being extensively tried in the Lucknow wells as a substitute for petrol. To find out the actual utility of these insects as larvae destroyers, experiments were conducted in the laboratory and selected wells in the city. In the laboratory these proved to be fairly effective destroyers of both anopheline and culicine larvae. In the wells, however, the results were extremely variable in the short period of trial before supplies of "water boatmen" ran short and the experiments had to be abandoned. Their utility appears to be limited to wells entirely free of surface floatage and frequent renewal at intervals of a fortnight or so involving constant supervision is needed.

XIII.—*Special investigations*—Investigations into outbreaks of malaria were carried out in the following jails:

- | | |
|-----------------------------|---------------------------|
| 1. Allahabad Central Jail. | 4. Muttra District Jail. |
| 2. Allahabad District Jail. | 5. Lucknow Central Jail. |
| 3. Benares Central Jail. | 6. Lucknow District Jail. |

The entire population of the first four jails (including the staff) were examined for evidences of malaria and a large number of blood examinations carried out. Those found harbouring malarial parasites were indicated and put through a course of quinine and plasmoquine for a three days' period. Necessary antimosquito and antilarval measures were also carried out.

In the Lucknow Central and District Jails, the quinine and plasmoquine treatment of malaria cases were carried out under the supervision of this branch. From the data available it would appear that the number of malaria admissions during the year 1932 into the jail hospitals since the introduction of the plasmoquine treatment in 1931 has gone down considerably as per the following table :

Jail	Year	Average Jail population	Number of malaria cases
Central Jail, Lucknow	1931	1840	303
	1932	1915	165
District Jail, Lucknow	1931	700	134
	1932	900	80

The rate of febrile relapse after 3 days' course of treatment was 15.2% a figure considerably lower than that obtained even under prolonged courses of quinine treatment. It is recommended that if funds permit, the course of treatment should be profitably extended to seven days.

On the recommendation of this Department the Inspector General of Prisons, United Provinces, has introduced the standardized combined quinine and plasmoquine treatment in all the jails of United Provinces, instead of the casual quinine or cinchona treatment of malaria cases that hitherto obtained.

XIV.—Sale and distribution of quinine.—During the year under report quinine and cinchona worth Rs.22,693-4 were sold by the Quinine Factory. The details are as follows :

	Quinine (weight)	Cinchona (weight)	Sale price realized including packing and postage
	Lbs. oz.	Lbs. oz.	Rs. a. p.
Sold to Post Offices	308 0	..	8,000 0 0
Sold to Chairman, District Board, Pilibhit	..	21 0	265 0 0
Sold to others	211 8	674 1	12,228 4 0
Sold to Epidemiology Branch	100 0	..	2,200 0 0
Total	619 8	695 1	22,693 4 0

In addition to the above 99½ lbs. of quinine and 254½ lbs. of cinchona febrifuge of Director of Public Health's reserve were converted into tablets earning for this factory the sum of Rs.907.

134 lbs. 1 oz. of cinchona were issued from the Director of Public Health's reserve to the district medical officers of health, Fatehpur, Hardoi, Unao, Lucknow, Kheri, Gorakhpur, Fyzabad, Basti, Garhwal and Rae Bareli, and to the Civil Surgeons, Saharanpur, Farrukhabad, and Pilibhit and the Secretary, Village Uplift Work, Shahjahanpur.

The Jail Department distributed about 12½ lbs. of quinine and cinchona to the prisoners and staff.

XV.—Joint Malaria Committees—These have come into existence at the suggestion of the Government of India in some of the larger towns where the municipal boards have combined with the cantonment and other local authorities, e.g. railways, forests, etc. to more effectively carry out anti-malarial measures. These towns are Bareilly, Meerut, Lucknow and Cawnpore.

CHAPTER IX

MATERNITY AND CHILD WELFARE

The charge of the Maternity and Child Welfare section of the Red **Maternity and Child** Cross Society was held by Dr. S. H. Commissariat-**Welfare Work.** throughout the year.

The activities of this branch are summed up in brief in this chapter as a full detailed account of these will be given in the annual report of the United Provinces Branch of the Indian Red Cross Society for 1932.

As usual, the chief functions of this section continued to be (1) Maternity and Child Welfare work, (2) Improvement of indigenous dais, and (3) Training of midwives, assistant midwives and health visitors.

The work continued its usual progress but further expansion had to be held up for lack of funds. Although the number of centres in towns remained the same in spite of a much reduced income yet a number of new centres were created for rural areas, their number now being 106 as compared with 73 during the last year. As in the previous year, the United Provinces Government sanctioned a reduced grant of Rs. 1,10,000 and the Executive Committee of the Red Cross Society contributed Rs. 5,000, whereas before the amalgamation the old Indian Red Cross Society used to allot half of its income and the local centres received Rs. 35,000 every year. Owing to this big drop in the grant for Maternity and Child Welfare work, the activities of all local centres in the Province had to be severely restricted. The usual grant of Rs. 3,300 was received from the Central Council of the Victoria Memorial Scholarship and the Central Maternity and Child Welfare Bureau, Delhi, met the pay of the Superintendent, Health School, up to 15th May, 1932, when the school was closed.

A class for the training of Medical Women in advanced Midwifery and Domestic Hygiene was started last year. This class had also to be closed along with the Health School when the four candidates admitted to it had completed their training. Another factor which was also responsible to some extent for the closing of the school was the fact that local bodies in general and the public in particular preferred midwives who did solid substantial work and did not appreciate the services of health visitors who were concerned merely with the giving of general instructions and advice. Another reason for the closure of the school was that the local bodies abolished appointments of health visitors owing to their heavily reduced income by the non-receipt of the Red Cross grant coupled with the general economic depression.

With the depleted funds at its disposal this section had also to meet an expenditure of Rs. 14,000 on the establishment of the Health Unit at Partabgarh. A crisis has indeed been reached and if adequate help is not forthcoming it is feared that not only will the further expansion of the work be out of the question, but the present activities of this branch will also suffer a serious set back.

During the year the Director inspected almost all the centres and checked the work of the staff by paying over 4,675 house to house visits. This extensive inspection has shown creditable results in regard to the popularity and efficient working of the centres. The Director utilizes this opportunity to do a certain amount of propaganda work by impressing

upon mothers, and in particular young mothers the importance of their acting on the advice of the authorities of the local centres as by their paying attention to the simple laws of health as explained by the health visitors, they would be saved of much ill-health and domestic worry, etc.

2. As reported by the Director of Maternity and Child Welfare section, the total number of cases conducted by the staff with or without indigenous dais during the year under report was 27,725, while that of the cases not attended in the same area was 113,357. The deaths reported amongst children under one year of age in the former case were 2,257 and in the latter 29,568 yielding a ratio of infantile mortality per mille 85.01 and 260.31, respectively, as compared with 78.60 and 254.00, respectively, in the preceding year. The largest number of cases (4,582) was attended by the Child Welfare and Maternity staff in Cawnpore, followed by Bareilly with 2,115, Lucknow with 1,366, Allahabad with 983 and Bara Banki with 870. The Cawnpore Centre showed an improvement over the last year when the number of cases conducted was 3,870.

3. The training of probationer midwives continued during the year and the Provincial Training Centre at Lucknow showed brilliant results—all the candidates who appeared in March and September examinations having been declared successful by the State Medical Faculty, United Provinces, Lucknow. As a further measure of economy the training of candidates in the Dufferin and Women's Hospitals and Maternity and Child Welfare Centres, with the exception of that at the Provincial Training Centre at Lucknow has been abandoned. In the Provincial Training Centre also a limited number of candidates was admitted for it was apprehended that the department might not be able to provide them with employment owing to financial stringency. The scholarship to candidates has also been reduced from Rs.15 to Rs.10, and it would not be out of place to anticipate that if the present state of affairs continues, this institution may also have to be closed down in the near future.

4. All propaganda work in this connexion was conducted by the staff of the Hygiene Publicity Bureau. The Director of the Maternity Section also attended as many baby or health weeks in the province as possible. Propaganda against the administration of opium to babies was also done by the staff of the local branches and some improvement is noticed in this direction.

5. These bye-laws were extended to two more municipalities and one notified area during the year under report. Certain other municipal boards have also taken necessary steps for the introduction of these bye-laws in their administrations.

6. Dr. S. H. Commissariat, F.R.C.S.I., Director, Maternity and Child Welfare Section, Red Cross Society, continued to do arduous work, and such results as have been obtained are largely due to her unremitting industry and touring in all parts of the Province.

CHAPTER X

SCHOOL HYGIENE AND MEDICAL INSPECTION OF SCHOOL CHILDREN

1. An account of the agencies doing school medical inspection in these provinces was given at length in the last year's report and the scope of the work was fully explained. The whole-time school health officers who have been working under the Hygiene Publicity Bureau for technical purposes have now put in two years' work and it is to their credit that they have firmly established the work in such a short time. This is particularly noticeable in Agra, Allahabad and Cawnpore. The work at Benares had a temporary set-back owing to repeated unavoidable transfers of the school health officers. This report covers the academical year July, 1932 to April, 1933. The reports from these officers form interesting and useful reading and some salient points have been brought into prominence. The school health officer, Allahabad, has rightly attempted to classify the defects by age groups of entrants, intermediates and scholars leaving school, the three stages at which a schoolboy has to be examined in detail. Suggestions have been made again, this time by the school health officers of Cawnpore and Saharanpur, that an additional form of class history sheet may be introduced. It is an indication that the work is being regularized and workers are taking pains and interest in their work. In addition the necessity of a compact set of diagnostic instruments has also been rightly felt which will be supplied, if funds permit. The *ex officio* school health officers have continued to do the work as usual and have made improvements here and there but they have various other duties which prevent them from extending the work to the same extent as is the case with the whole-time officers.

2. *Schools*—The whole-time school health officers inspected all the 142 English schools in their areas which were for detailed inspections and for which they are primarily meant and 232 schools out of 495, i.e. 46·8 per cent. which were for ordinary inspection requiring the filling up of a simpler history sheet. The *ex officio* school health officers in 33 smaller municipalities inspected 88 out of 89 English schools for detailed inspections and 208 out of 278, i.e. 74·8 per cent. for ordinary inspections. The *ex officio* school health officers in 20 districts of the District Health Service who sent their reports did detailed examinations in 13 out of 13 English schools and ordinary examinations in 1,334 out of 7,274 schools, i.e. 18·5 per cent.

Scholars—The proportion of scholars examined in these schools is shown below.

	On roll in English schools for detailed inspection	Number examined	Per cent. examined	On roll in schools for ordinary inspection	Number examined	Per cent. examined
For 13 school health officers in larger municipalities.	46,559	24,197	57·5	58,751	16,204	27·7

	On roll in English schools for detailed inspection	Number examined	Per cent. examined	On roll in schools for ordinary inspection	Number examined	Per cent. examined.
For 33 <i>ex officio</i> school health officers of smaller municipalities.	26,604	13,598	51.1	31,334	14,403	46
For 20 <i>ex officio</i> school health officers in districts.	3,182	1,630	55	448,067	71,811	16

The school health officer, Allahabad, also examined 636 girls in five schools at the instance of the Inspectress of Schools and the school health officer, Lucknow, examined 73 girls in one school. This was a new feature of the work during the year. The former is also preparing a scheme of medical inspection of girls in consultation with the Chief Inspectress of Schools at the instance of the Committee appointed to consider the means of improving girls' education in the United Provinces.

3. *Urban areas.*—The findings of these inspections can be best judged from the figures obtained by whole-time officers.

Main defects.

Neglect of oral hygiene is in evidence by the presence of defective teeth (caries) in 13 per cent., and 5.6 per cent. of pyorrhoea as the child grows older. Nine per cent. were mouthbreathers and tonsils were enlarged in 15.6 per cent. which is a fair index of neglect of the hygiene of the mouth.

Defective vision ranks next to the enlargement of tonsils and is found to be 13.3 per cent. Diseases of the eyelid were present in 9 per cent. of the scholars examined.

Skin diseases like eczema, ringworm and scabies were found in 3 per cent. scholars.

Rural areas.—It will be worth while to compare these main defects in children who have been examined in detail in urban areas with those in rural areas.

Caries was found in 11 per cent., pyorrhoea in 1.5 per cent., mouth-breathing in 1 per cent., tonsillar enlargement in 4.7 per cent., defective vision in 1.5 per cent., diseases of the eyes and eyelids in 9 per cent. and skin diseases in 3 per cent. A comparison with the urban areas shows that the condition of teeth in the rural areas is a shade better, the difference being 2 per cent. The dirt diseases of the eye are apparently the same in the two classes. They are in fact 4.9 per cent. less in towns this year as compared with the last year's records which is attributed to the attention now paid to the treatment of trachoma in towns. Pyorrhoea is a disease of the higher age and is more common in the urban areas. The dirt diseases of the skin rank 9 per cent. in both the classes. This is an indication

that cleanliness of the skin and clothes reached a common level during the year. Without attempting to dogmatize, the officers do attach general improvement in personal hygiene of the rural scholar to the practice of health habits which forms a part of the Junior Red Cross programme.

Among girls.—The main defects in girls' schools have been found to be the same by the school health officer, Allahabad, but they are 35 to 50 per cent. less common in dirt diseases. The percentage of anæmia is, however, twice as much as in boys and is attributable to the restrictions of society which prevents the girls from making full use of open-air life.

The school health officer, Agra, has reported that every seventh case of anæmia among boys is due to intestinal parasites affecting nutrition, the total in larger towns being 2·3 per cent. Hook-worm infection is not unknown. The total for the anaemia due to malaria is 1·2 per cent. In districts, however, the anæmia of malaria is 3 per cent. The school health officer, Lucknow, has attempted to find the hemoglobin content of anaemic children.

4. *Nutrition.*—From the data supplied the Hygiene Publicity Bureau has been able to prepare a schedule giving average weight and height for different ages. The school health officers found 14 per cent. ill-nourished children in the larger towns and 20 per cent. in rural areas. It is interesting to note that the incidence of the largest proportion of ill-nourished children is in the age-group of 7 to 10 years. A system of feeding children during the interval with germinating gram instead of allowing them to resort to street vendors for food articles of questionable merit was started in as many schools as possible in almost all the districts and towns and the results seem to be excellent. The expense of feeding on germinating gram is annas 2 and that of milk, as tried in a few schools, in Agra and Muttra, is annas 7, per head per month. The school health officers of Mirzapur, Bahraich and Gorakhpur have investigated the effects of gram feeding for various ages and in different seasons, checking results with controls. In one place the increase in weight was 1 lb. per head per month instead of 8lb. which was the case before the feeding was started. This is a modest estimate when compared with the findings of others.

Four cases of leprosy among scholars and one among teachers were detected. Some cases of goitre, hydrocele, hernia, elephantiasis, stone in bladder, palsies, venereal diseases, epilepsy and mental aberrations were also detected. In Agra abnormal cases of dextrocardia, congenital heart and transposition of the liver were also found.

Otitis has been reported by the school health officer, Agra, to follow infectious fevers.

5. *Small-pox.*—On account of the unusual prevalence of smallpox in these provinces the school health officers had to direct a considerable amount of their attention to vaccination and revaccination work in schools. It is noticed that on account of the confidence reposed in the school health officers most of the revaccinations have been done in schools, for example in Agra out of 10,081 revaccinations 6,021 were done in schools only. Not less than 23,000 boys, and some girls also were vaccinated by these officers or under their supervision in the larger towns only. Anti-cholera

and anti-plague inoculations were also given in several places by the school health officers.

6. Over 15,000 reminders to parents for conditions which needed treatment were sent by the school health officers, 64 per cent. for walking patients, 27 per cent. for eye defects, 8 per cent. for infectious diseases and one per cent. for bed-patients in hostels. The civil surgeons from 32 districts have reported that 1,780 scholars attended the dispensaries with their vouchers; in municipal areas only 4 per cent. schoolboys of the total scholars who visited the dispensaries were those who had taken the vouchers with them and in rural areas this percentage was halved. These vouchers should, under recent instructions from the Inspector General of Civil Hospitals, have been sent monthly to the heads of institutions direct. In Agra at least 614 vouchers were returned out of 989 which amounts to 62 per cent. Here out of 20 per cent. of the enlarged tonsils only 3 per cent. were fit for operation and 2 per cent, or 21 in number, were operated. Ten operations including those for hernia and hydrocele were also performed in Gorakhpur at the instance of the school health officer. Although the grant for cinchonization in 150 schools of the Sitapur district was stopped in 1931 it was possible for the school health officer, having been encouraged by the favourable results of the treatment of school children, to extend the scheme from 12 schools in 1931 to 45 in 1932. All this is satisfactory, but a school clinic with a central dispensary has been the crying need of the school health officers of all classes. The arrangements for treatment which a few of the whole-time school health officers had made last year were extended to some other places as an outcome of the discussions at the conference of the school health officers held towards the close of the school year 1931-32, and as the inspection work has been regularized the necessity of adequate arrangements has been felt keenly as much by the officers as by the parents and teachers. The school health officer, Cawnpore, has, for example, succeeded in opening a clinic with a central school dispensary by securing the co-operation of the local medical association, private practitioners, school authorities and the municipal board. The medical association has given him a room in its building in a central place where he holds clinics for school children every evening and where specialists in various diseases also devote their time as far as possible. Thus the building and efficient medical advice are provided without any expenditure. The municipal board has given a small amount of money for drugs and the services of a compounder. Five school authorities are making a contribution at the scale of one anna per boy per month for the maintenance of the dispensary. Thus funds for drugs have been secured and the dispensary has become self-supporting. This dispensary serves three purposes. It serves as a place for the distribution of drugs for use in the schools themselves for incipient, occasional or casual cases which can be treated on the spot by the teachers on the advice of the school health officer. It provides efficient treatment by specialists for cases which need greater attention and where interested parents can meet the school health officer. Here also cases which need hospital attention are sorted out and, thanks to the district medical authorities, arrangements can be made for their proper treatment in the hospitals. Testing of eyesight and other examinations, including the tests of clinical material are made at this centre. In fact one central dispensary in a large town is not sufficient to meet the demand and several have been

tried by the school health officer, Agra, more or less on these lines. His method, however, differs from the above in holding clinics in different localities on days fixed for each. Anyhow the system of a central school clinic which is self-supporting has everything to recommend it at least in the larger towns. The services of a compounder-clerk will also be thus available to facilitate the school health officers' work at inspections, which assistance he needs in such places.

Arrangements for dental treatment have also been made by the school health officers of Jhansi and Gorakhpur. At the latter place a school boys' medical association of heads of schools, prominent citizens and officers of the health department has been formed with the aim to provide facilities for the treatment of the school children out of the donations and a fee of 2 pice per child per month. This association has been of immense practical value in supplying spectacles and providing dental care.

Facilities have been provided to the school health officers for the free examination of laboratory specimens in the Provincial Hygiene Institute and the Provincial Pathological Laboratory, Lucknow.

7. The new paragraph added in the Education Code last year enjoining upon the English institutions co-operation with the school health officers in maintaining the health of the scholar has been further extended and the transfer of a medical history sheet with the transfer certificate is now obligatory not only in places where the whole-time school health officers are working, but for all institutions in the other towns and districts where detailed medical inspection is done by municipal and the district medical officers of health concerned.

8. The subject was considered in the last year's report. Boredhole latrines are being installed in the schools of the health unit area in Partabgarh and hand-pumps in 12 schools in Basti district have been put up.

9. The subject of teaching of hygiene in schools was dealt with last year and no additional remarks are needed in this report. Some of the routine activities of the Junior Red Cross movement were also enumerated in the last year's report. The number of groups in the calendar year 1932 rose to 1,049 against 517 of 1931 with a membership of over 29,000, including about 300 girls which was a special feature. The movement has created interest and challenge cups are run for competition in outdoor games and first aid in Unao and Bahraich, besides the usual competitions in other districts. Games have also been encouraged by the District Magistrate of Unao permitting the purchase of footballs from the Panchayat Fund. The school health officer, Jaunpur (medical officer of health), reports that Swedish system of exercise is followed in the schools of his area. First aid lectures of St. John Ambulance Association were given by the school health officer, Allahabad, who is also a member of the Provincial Executive Committee of the Association, and by the school health officers of the larger towns of Benares, Bareilly, Fyzabad, Jhansi, also in the municipality of Hapur and the districts of Mirzapur, Kheri, Fyzabad, Bahraich and Sultanpur. The school health officers of Benares and Mirzapur (medical officer of health) held these classes for girls. The school health officer, Cawnpore is the Joint Honorary Secretary of the local branch of the St. John Ambulance

Association. Several of these officers also held tests in the first aid for boys, as well as girls; 33 officers have reported that the number of scholars including a small number of girls, trained in first aid in the Mackenzie School Course by qualified school teachers who were examined by them amounts to over 6,900. These trainings and tests were besides the training in first aid in sanitation and hygiene under the Village Aid Scheme which was given to a large number of scholars and the lectures in schools on epidemic diseases and school hygiene with or without magic lantern and cinema shows. The school health officer, Agra, took an active part in the Provincial Competitions in First Aid of the St. John Ambulance Association which was presided over by His Excellency the Governor in January, 1933. The Assistant Director of Public Health, Hygiene Publicity Bureau and the Assistant Hygiene Publicity Officer (Senior) are both on the Executive Committee of the Provincial Branch of the Association and the latter is also Joint Honorary Secretary of the Branch at Lucknow. The Assistant Hygiene Publicity Officer (Junior) held one class in first aid at Lucknow and a few tests.

The school health officers of all classes and Assistant Hygiene Publicity Officer (Junior) held lectures for the physical training classes for teachers. They consider these classes to be very useful in the teaching of health, hygiene and first aid to the school boys in rural areas. A comprehensive syllabus covering the hygiene course on rural knowledge was drawn up by the Hygiene Publicity Bureau for this purpose. The school health officers also held lectures for teachers under training in normal schools and training colleges. It is an anomaly that teachers in training in such institutions should be trained in the subject of hygiene by qualified school health officers and examined for their certificates by laymen. Steps will be taken to rectify this defect.

10. The local bodies have again failed in some places to take advantage of the expert advice on the school buildings, but it is gratifying to note that there was better co-operation of school authorities and, to some extent, of parents this year. This is particularly noticeable in Agra, Cawnpore and Gorakhpur. This was the result of the meetings of parents, guardians and school authorities arranged in various places as recommended at the Conference of the whole-time school health officers held at Lucknow last year. The co-operation of school teachers has resulted in the provision of weighing machines and recording of weights and heights to the satisfaction of many of our officers, in fact the schools have endeavoured to meet their requirements unless they had been particularly handicapped financially.

CHAPTER XI

HEALTH PROPAGANDA

The Hygiene Publicity Bureau is responsible for directing Public Health propaganda. The charge of the Bureau was held by Dr. M. N. Mitra, D.P.H., Assistant Director of Public Health, during 1932, except for a short period in July when he was on leave and Dr. A. Hamid (Senior Assistant Hygiene Publicity Officer) officiated for him in addition to his own duties. The post of the junior Assistant Hygiene Publicity Officer was held by Dr. R. N. Tandon throughout the year. A reserve D. P. H. Officer (Dr. Jamilul-Rahman) was attached to the Bureau for eight months.

2. Rupees 7,050 were received as contribution from local bodies against Rs.7,550 in the last year.

Contributions.

3. Dr. M. N. Mitra, continued as the Honorary Secretary of the United Provinces Branch of the Indian Red Cross Society, and as that of the Cinema Production Section while Dr. A. Hamid worked as Deputy Director and Honorary Secretary of the Junior Red Cross Section. The details of the work done by the officers of the Bureau in this connexion will be found in the annual report of the Provincial Branch of the Indian Red Cross Society.

Activities of the Red Cross Society carried out by the Hygiene Publicity Bureau.

The Health Education Section of the Red Cross Society is under the control of the Executive Committee of the United Provinces Branch of the Indian Red Cross Society with the Director of Public Health as Vice-Chairman and the Director of Public Instruction as a member. Material for health education work was as usual supplied to the Bureau by the Provincial Branch of the Indian Red Cross Society which enabled the Hygiene Publicity Bureau to continue its propaganda work.

4. The Junior Red Cross movement is being conducted by district and municipal medical officers of health and school health officers under the guidance of the officers of the Bureau and in accordance with the policy of the Central Red Cross organization. The movement has made considerable progress during the year, the number of groups rising from 517 in 1931 to 1,049 in 1932 and the membership from 15,237 to 29,292 (28,994 boys and 298 girls). Special stress was laid on the practice of health habits by the members. Health songs have grown popular. Health dramas have also been held in large numbers in the vernacular schools.

In 1931 an inter-provincial poster competition was organized and out of 52 entries received 25 were sent to the Headquarters of the Indian Red Cross Society at Delhi. The Headquarters awarded two cash prizes of Rs.25 each and sent eight posters to the League of Red Cross Society at Paris, who awarded a certificate of merit to a Junior under 14 years of age in a primary school in the Sultanpur district.

In order to encourage the teaching of first-aid to the injured among the members of the groups, 31 sets of appliances were distributed to the various districts and each district which had registered ten groups was in possession of at least one set.

5. Health propaganda has as usual been one of the chief activities of the department. This work was arranged throughout the province by means of cinema lectures, lantern lectures and oral lectures and the cinema van was extensively used during the year for giving demonstrations at roadside villages. The van was equipped with films on public health subjects, models and posters and a wireless receiving set was added towards the close of the year. It ran approximately 6,111 miles and gave 153 demonstrations attended by over 2½ lakhs of persons. The van was in great demand throughout the province and it was occasionally not possible to comply with all requests for its services when the functions were held simultaneously or the places were far apart. During 1932, the Hygiene Publicity Bureau cooperated with the Reforms and Publicity Department of the local Government in its publicity campaign by providing exhibits for the publicity van and by organizing exhibitions, cinema shows, and lectures. Two officers of the department were also deputed to the Publicity Department for organizing publicity work.

The officers of the Bureau gave radio talks from the Lucknow University broadcasting stations, organized health exhibitions and gave lectures at many fairs and gatherings. Cinema shows were also given in several cantonments in the United Provinces at the request of the Deputy Assistant Director of Hygiene, Lucknow district. The officers of the Medical Department co-operated by giving 768 lectures in fixed dispensaries.

The Bureau is in addition the medium for collaborating health publicity with the educative propaganda being conducted by other agencies and departments of Government, e.g. with the St. John Ambulance Association, the Sewa Samiti, the Servants of India Society and other voluntary organizations set up for Maternity and Child Welfare, and with the Agriculture and Co-operative Departments, and the school health service.

6. Arrangements were made through medical women of the L. M. D. Class for training the students of 4 girls' schools in Lucknow in "First Aid". The following courses were also conducted :

(i) St. John Ambulance First-Aid course was given to students of the sanitary inspectors' class and to the women employees of the Co-operative Departments and others.

(ii) technical lectures to I and II Class medical officers of health on their post-graduate and licentiate courses.

(iii) technical lectures to the students of the D. P. H. and L. P. H. Classes, the L. M. D. and the Health Visitors' classes.

(iv) lectures on the work of the Public Health Department and on other health subjects to school teachers attending annual courses on physical instruction.

7. The village aid scheme was taken in hand by the district medical officers of health at the instance of the Hygiene Publicity Bureau as it was essentially an educational venture. The utility of the village aid dispensary as a useful measure of First-Aid in Sanitation and Epidemics has been established. The details of its progress are dealt with under a separate chapter.

8. The Health Unit is a specialized work, based on health publicity and education in which attention is concentrated upon a small area with an augmented staff. One such Unit has been started in the Partabgarh district and it is under the supervision of the Hygiene Publicity Bureau with the Assistant Hygiene Publicity Officer (Senior) as the liaison officer for the Rockefeller Foundation.

Details of this work are given separately in another part of this report.

Yet another activity of the Hygiene Publicity Bureau is the supervision of School Health work; the school health officers being under the Bureau for technical purposes in order to secure uniformity and co-ordination of work. The School Health Scheme forms a separate chapter and the subject is dealt with elsewhere.

CHAPTER XII

PUBLIC HEALTH ADMINISTRATION

The leading feature in any account of the administration of the department during the year 1932 must naturally be the measures of retrenchment which were carried out. Partly in accordance with the recommendations of the Retrenchment Committee and partly on their own initiative Government carried out the following retrenchments in the department:

Retrenchments. (i) Abolition of one post of assistant director of public health on general duty.

(ii) Holding in abeyance, temporarily for one year, the post of assistant director of public health in charge of the Provincial Hygiene Institute.

(iii) Abolition of eight posts of Assistant Medical Officers of Health in districts.

(iv) Abolition of 13 travelling dispensaries and consequently 15 posts of medical officers in charge (including reserve).

(v) Total withdrawal of the grant for labour gangs.

(vi) Large reduction in the allotment for travelling allowance.

All these measures seriously curtailed the activities of the department.

2. The allotment passed by Government for the entire Public Health

Budget grants. Department, including the Engineering Branch and the Board of Public Health, during the year 1932-3 was Rs.19,18,000, against Rs.23,88,485 in 1931-2. Out of this sum the amount controlled by the Director of Public Health himself was Rs.12,77,915 in 1932-3 against Rs.15,15,178 in 1931-2. These allotments reflect the effect of retrenchments carried out during the year 1932-3.

The receipts under the head controlled by the Director of Public Health were Rs.53,700 in 1932-3 against Rs.70,600 in 1931-2.

3. In view of the retrenchments carried out, certain changes had to

Changes in administration. be made in the internal administration of the department. There are now only two assistant directors for general inspection duties, and the province

has been divided into two ranges for the purpose. The number of assistant directors on purely technical duties has also been reduced from three to two: one has combined charge of Epidemiology and Malariology branches and the quinine factory and the second of the Hygiene Publicity Bureau and the School Health Service. The latter officer is also Honorary Secretary of the Provincial Branch of the Indian Red Cross Society. The charge of the Provincial Hygiene Institute has been entrusted to the senior lecturer in addition to his own duties.

4. An important measure of reform in regard to the position and

Position and status of medical officers of health in municipalities. status of medical officers of health in the municipalities of the United Provinces was carried out by the passing of the United Provinces Municipalities (Amendment) Act during the year. Previous to this, the creation of the posts of medical officers of health in towns, and the abolition of such posts, rested on individual boards and Government

had no power (except in the case of "city" boards) of compelling them to employ such officers. It was necessary also to secure the concurrence of individual boards to the posting or transfer of individual officers. The medical officers of health had also no definite position under the Municipalities Act and exercised the health powers under the Act only when these were delegated to them by executive officers. Under the amendment now passed—

(i) The creation of the post of medical officer of health in a town, or the abolition of such an appointment is subject to the direction of the local Government the exact provision of the Act being—"Every board with an annual income of Rs.50,000 per annum or over shall, unless the local Government otherwise directs, employ a medical officer of health who belongs to the United Provinces Public Health Service;"

(ii) The demand for the transfer of medical officers of health on slight or insufficient grounds has been rectified. A medical officer of health is now liable to be transferred only if a board by special resolution recommends his transfer and provided it gives sufficient reasons therefor;

(iii) The exercise of powers relating to Public Health and Conservancy have been reserved to medical officers of health;

In regard to the last point, however, a rider has been added that the exercise of these powers by medical officers of health shall be subject to the general concurrence in writing of executive officers and that in case of difference of opinion between the two officers the matter shall be referred to the chairman, whose decision shall be final. Certain health functions touch other branches of the boards' administration over which the executive officer or other officers preside, and the provision regarding concurrence of executive officer was added in order to obviate the possibility of overlapping, so that it may be determined beforehand which functions each officer will exercise and to what extent. The object of the rider has, however, been misinterpreted in certain cases and the matter is receiving the attention of the Government.

CHAPTER XIII

VACCINATION

Period covered. This chapter is a resumé of vaccination work done in 1932-3, as compared with that done in 1931-2.

2. The number of assistant superintendents of vaccination and vaccinators employed during the year under report was respectively, 49 and 945 against 49 and 936, respectively, in the preceding year.

3. During the year 1932-3, there was a decrease of Rs.11,807 in the total expenditure of the department, including the charges on account of the assistant directors of public health and their establishment, but there is an increase of Rs.4,047 excluding these charges as compared with 1931-2, the actual amounts of expenditure for the two years being Rs.4,59,005 and Rs.4,70,812 and Rs.4,17,008 and Rs.4,12,961, respectively. In the case of former the decrease is due to the abolition of one range and the imposition of emergency cut in the pay of the assistant directors of public health and their establishment including vaccination establishment and the increase in the case of the latter is due to an increase in the contingent expenditure of local bodies.

4. The average cost of each successful case of vaccination in these provinces during the year under report was annas four and pies two against annas four and pies four in 1931-2, showing a decrease of two pies. The following table shows the average cost of each successful case of vaccination in these provinces during the year under report as compared with other provinces:

Province					Cost of each successful case of vaccination during 1932-3		
					Rs. a. p.		
United Provinces	..	..	..	..	0	4	2
Bihar and Orissa	..	..	..	..	0	2	1
N.-W. F. Province	..	..	..	..	0	1	7
Delhi ..	..	..	..	..	0	1	11
Assam	..	..	..	..	0	3	8
Bengal	..	..	..	..	..	..	..
Punjab	..	..	..	..	0	2	4
Burma	..	..	..	..	0	9	10
Central Provinces	..	..	..	..	0	5	11
Madras	..	..	..	..	0	6	2
Bombay	..	..	..	..	0	13	5

5. During 1932-3, 1,705,794 persons were vaccinated 1,698,249 by the special (district) staff, 1,031 by dispensary staff, 926 by private practitioners and 5,588 at railway dispensaries as against 1,481,561 in 1931-2, showing an increase of 224,233. The number of vaccination operations performed during the year under report also exhibited an increase of 226,718 as compared with the preceding year, the actual figures for the two years being 1,723,642 (1,446,587 primary and 277,055 revaccinations) and 1,496,924 (1,389,267 primary and 107,657 revaccinations). 17,848 secondary operations were performed during the year under report as

compared with 15,363 in 1931-2. The number and percentage of successful vaccinations in which the results were known during 1932-3 amounted to 1,367,246 and 95.62 in the case of primary vaccinations and 85,051 and 33.52 in the case of revaccinations as against 1,324,615 and 96.32 and 45,389 and 46.92, respectively, in the preceding year. Each vaccinator vaccinated on an average 1,797 persons in 1932-3 as compared with 1,578 in 1931-2. These figures show an increase under all heads except in percentage of success both in the case of primary and revaccinations.

6. In 38 out of 48 districts the number of successful primary vaccinations performed in 1932-3 was in excess of that performed during the preceding year. Of these Rae Bareilly headed the list with an increase of 3,524, followed by Cawnpore (3,373), Lucknow (3,218), Partabgarh (2,824) and Garhwal (2,737). Of the remaining 10 districts showing a falling off the most conspicuous were Gorakhpur with a decrease of 1,739, Azamgarh (1,214), Farrukhabad (605) and Bareilly (490). The causes of decrease were generally the grant of medical leave to several vaccinators during the vaccination season and certain other minor reasons.

7. The number of persons successfully vaccinated per 1,000 of the population in 1932-3, was 30.00 against 28.30 in 1931-2. The districts showing the highest degree of protection were Almora (51.95), Garhwal (51.66), Dehra Dun (39.43), Saharanpur (39.14), and Lucknow (38.63). Amongst those showing the least protection the most conspicuous were Mainpuri (21.96), Hardoi (24.04), Shabjahanpur (24.19), Allahabad (24.27) and Farrukhabad (24.44).

8. During the year under report the percentage of successful operations in proportion to births was 51.76 as regards children under one year of age, 25.13 as regards those between 1-6 years of age and 81.47 in the case of all ages against 52.68, 20.85 and 76.85, respectively, in the preceding year.

An examination of the figures by ranges shows that 56.05 children under one year of age were successfully vaccinated per 100 births during the year under report in the first range and 47.16 in the second range against 57.91 and 48.47 respectively in the preceding year. The reputation of its showing the best protection as compared with the work in the second range was maintained by the first range.

9. The total number of deaths registered from smallpox in 1932 amounted to 2,779 indicating a death-rate of .06 against 3,355 and .07 respectively, in 1931.

10. The total number of vaccination operations performed by medical subordinates at dispensaries during the year 1932-3, was 1,031 (262 primary and 769 revaccinations against 597) (224 primary and 373 revaccinations) in the preceding year.

11. The total number of vaccinations performed by railway medical staff during the year 1932-3, was 5,588 (1,134 primary and 4,454 revaccinations) as compared with 2,737 (873 primary and 1,864 revaccinations) in 1931-2. The percentage of successful cases in which the results were known was 90.37 in the case of primary vaccinations and 46.40 in the case of revaccinations as compared with 95.82 and 32.23, respectively, in the preceding year.

12. The number of vaccination operations performed in municipalities during the year under report was 282,625 (135,035 primary and 147,590 revaccinations) against 148,228 (116,602 primary and 31,626 revaccinations) during 1931-2 or an increase of 134,397. The total number of persons vaccinated in municipal towns was 278,393 against 145,550 in the preceding year. The ratio of persons successfully vaccinated per 1,000 of the population was 43.89 against 34.14 in 1931-2. Among the well protected municipalities Mussooree stood first with a ratio of 182.70 per mille and was followed by Almora (144.46), Ghaziabad (96.38) and Rae Bareilly (94.88).

Among those showing the least protection Mainpuri, Shahabad, Pilibhit, Nagina and Bijnor were the worst indicating ratios of 20.16, 20.19, 23.42, 23.84 and 23.98 respectively.

The number of successful vaccinations performed on children under one year of age during the year under report was 82,263 against 81,351 in 1931-2, indicating an increase of 912.

13. In 1932-3, the total number of persons vaccinated in cantonments was 21,128, of vaccination operations 21,130 (5,342 primary and 15,788 revaccinations), of successful primary vaccinations 4,973 and of successful revaccinations 4,704 as compared with 8,431, 8,609, 5,248, and 1,611, respectively, in 1931-2. The ratio of persons successfully vaccinated per mille of the population was 48.23 as against 34.19 in the preceding year. As in the preceding two years Chakrata with a ratio of 357.35 was the best protected cantonment and Dehra Dun with a ratio of 5.76 was the worst.

15,744 operations (210 primary and 15,534 revaccinations) were performed by military medical officers.

14. During the year under report the total number of persons vaccinated and that of vaccination operation performed in notified areas was 18,474 and 18,804 (15,328 primary and 3,476 revaccinations) as against 15,886 and 16,052 (14,624 primary and 1,428 respectively, in 1931-2. The number of successful primary vaccinations and revaccinations were respectively 14,087 and 937 as compared with 13,770 and 536 in the preceding year. The ratio of persons successfully vaccinated per mille of the population was 36.07 as against 34.57 in the preceding year.

Amongst the well protected notified areas Mainpuri civil station stood first with a ratio of 70.94 and as in last year Rikhikesh was the worst protected with a ratio of 10.31.

15. During 1932-3, the public health staff inspected 3,485 schools for vaccination purposes and got 35,655 scholars vaccinated in their presence. The respective figures for the preceding year were 2,146 and 14,000.

16. The Vaccination Act is in force in all municipalities, cantonments and notified areas. During the year under report the provisions of the Act were extended to the town areas of Dewa, Banki, Satrikh, Zaidpur, Ramnagar, Fatehpur, Daryabad, and Tikait Nagar in the Bara Banki District and to Pali in the Hardoi District.

17. (a) By assistant directors of public health, district medical officers of health and civil surgeons. During 1932-3, these officers inspected 188,787 vaccinations (182,613 primary and 6,174 revaccinations) as compared with 234,985 (231,251 primary and 3,734 revaccinations) in 1931-2. The percentage of inspections to total number vaccinated was 12.80 as regards primary vaccinations and 2.28 as regards revaccinations as against 16.85 and 3.55, respectively in 1931-2. The district of Sultanpur showed the highest number (14,548) of inspections made by these officers. Then came in order Azamgarh with 12,773, Fyzabad with 10,920 and Hardoi with 10,681. The districts showing the smallest number of inspections were Almora (20), Banda (135), Hamirpur (176), and Etah (227). No inspections were done in the districts of Dehra Dun, Mainpuri and Budaun, the district health service not having been extended to these districts as yet.

(b) By assistant superintendents of vaccination and other inspecting officers. The work under this head showed an increase of 34,014 inspections in 1932-3, as compared with 1931-2 the figures for the two years being 574,722 (533,865 primary and 40,857 revaccinations) and 540,708 (513,527 primary and 27,181 revaccinations), respectively. The percentage of inspections to the total number vaccinated was 37.41 as regards primary vaccinations and 15.07 as regards revaccinations as against 37.42 and 25.88, respectively, in 1931-2. As usual the largest number of inspections was done in Gorakhpur (27,963), there being two assistant superintendents of vaccination in this district and was followed by Cawnpore with 21,080 inspections, Budaun with 20,795 and Bareilly with 20,764. Among the districts showing the smallest number of inspections the most conspicuous were Aligarh (4,596), Dehra Dun (4,988), Shahjahanpur (7,008) and Lucknow (7,215).

The attention of the district medical officers of health and the civil surgeons concerned will be invited to the decrease in the number of inspections in their district.

The district of Dehra Dun returned the highest percentage of inspections of primary operations performed by these officials (70.41) to the total number vaccinated. Then came in order Bareilly (69.42), Banda (68.86) and Naini Tal (66.69). The lowest percentages were noticed in the districts of Aligarh (11.93), Garhwal (23.55), Bara Banki (24.23) and Rae Bareilly (26.07).

(c) Verification of the percentage of general vaccinations: According to the reports of vaccinators the percentages of successful operations for the province were 95.62 in the case of primary and 33.34 in that

of revaccinations, whereas as a result of the inspections made by assistant superintendents of vaccination these were found to be 94.53 and 26.50, respectively. Out of the cases inspected by the assistant directors of public health, district medical officers of health and civil surgeons the percentages of successful cases for the province were 94.22 and 21.36, respectively.

Occurrence of cases of encephalitis following vaccination.

18. No cases of encephalitis following vaccination were noticed by any of the inspecting officers during the year under report.

Provincial Bovine Lymph depot, Patwa Dangar (district Naini Tal).

(a) Charge of the depot—

19. During the year under report the charge of the depot was held by Major E. H. Morbey up to February 28, 1933, and after that by Dr. B. S. Yajnik, D.P.H. till the end of the financial year 1933.

Cow calves were obtained locally on hire and the contract for the supply of buffalo calves was given to a butcher of Bareilly. The total number of calves purchased and obtained locally on hire during the year under report was 663 (63 cow and 600 buffalo calves) against 562 (42 cow and 520 buffalo calves) in the preceding year. Out of 663 calves 640 were successfully vaccinated, 19 failed and 4 died. As to their disposal, 646 were returned to the butcher and owners and 17 (13 vaccinated and 4 unvaccinated) died. The cause of death in the majority of cases was post-vaccinal debility.

(c) Quantity of lymph obtained and manufactured. During the year under report 33,141.8 grammes of crude lymph were obtained from 640 successfully vaccinated calves, giving an average yield of 51.8 grammes per calf against 27,299.7 grammes from 531 calves with an average yield of 51.4 grammes per calf in the preceding year, showing a slight increase in the yield per calf. 161 grammes (1.5) of crude lymph were also obtained from rabbits. The average yield of crude lymph per cow and buffalo calf was 13.3 and 55.7 grammes respectively, as compared with 12.3 and 54.6 grammes, respectively in the preceding year, showing an increase of 1.0 and 1.1 gramme per cow and buffalo calf, respectively. During the year under report 165,870 grammes of glycerinated lymph of the strength of 1.5 (including 161.0 grammes of lymph obtained from rabbits) were manufactured. The total quantity of lymph prepared for issue during the year under report was 211,767.2 grammes (1.5) against 171,089 grammes in 1931-2.

(d) Issue of lymph. The total quantity of lymph issued for vaccination during the year under report was 128,750.0 grammes, sufficient to vaccinate 3,218,750 persons against 111,266.5 grammes, sufficient to vaccinate 2,781,568 persons in the preceding year.

Of the above quantity 403 grammes to the value of Rs.226 were issued free for use in jails and charitable institutions against 332 grammes costing Rs.197 in the preceding year.

88691.5 grammes of glycerinated lymph (1.5) and 2,278.0 grammes of seeds lymph (1.5) were set aside in the cold storage for issue in 1933-4, as against 49,980.7 grammes of glycerinated lymph (1.5) and 6,884 grammes of seed lymph (1.5) in 1931-2 which were issued during the year under report.

The reports received from the medical officers show that the potency of lymph was quite up to the mark. A few samples were tested on rabbits and were found satisfactory. Complete bacteriological purity tests and also animal tests for estimating potency by up to date scientific methods if carried out at the depot as in other vaccine institutes in India will insure the quality of lymph to a great extent. Proposals for opening a laboratory at the depot for this purpose have been submitted to Government. Appended is a table showing the results of vaccinations performed during the year under report :

Ranges	Total number of persons vaccinated		Total number of operations performed		Total number of secondary operations		Percentage of successful operations	
	Primary	Revaccinations	Primary	Revaccinations	Primary	Revaccinations	Primary	Revaccinations
I Range ..	684,854	167,010	696,271	167,099	11,417	89	94.88	32.29
II Range ..	742,294	104,178	748,519	104,295	6,225	117	96.24	35.19

The cost of lymph supplied to all the notified areas was realized as usual in advance early in the year under report while from district and municipal boards it was realized as in previous years by deduction from Government grants by direct payment by the boards or by V. P.-P. Lymph to the value of Rs.1,628 was supplied to the military authorities during the year under report as compared with Rs.1,405 in the preceding year. Cost of lymph supplied to Native States, Cantonments and private persons amounted to Rs.6,679 as compared with Rs.4,977 in the preceding year.

The total value of lymph and other articles sold by the depot during the year under report was Rs.47,235 (Rs.45,707 by the sale of lymph and Rs.2,528 by the sale of calves, rabbits and other miscellaneous articles) as against Rs.46,367 (Rs.42,782 by the sale of lymph and Rs.3,585 by the sale of other miscellaneous articles) in the preceding year or an increase of Rs.868.

The total expenditure of the depot during the year under report exclusive of Rs.2,922 on account of pensionary and depreciation charges amounted to Rs.39,023 as against Rs.39,873 or a decrease of Rs.850. The sanctioned budget allotment for 1932-3 was Rs.40,000 and it showed a saving of Rs.977.

(i) Cold storage plant and the electric installation. The plant and the electric installation worked satisfactorily during the year.

(j) Buildings and roads. The usual annual repairs of all the depot buildings and roads were undertaken rather thoroughly but the desired improvements were not possible on account of paucity of funds. The need for increased accommodation

for calves and rabbits is very urgent. The buildings were inspected by the District Engineer, Naini Tal, in December, 1932.

Control burning of depot forest was undertaken for the first time on the lines approved by the Forest Department and
(ke) **Control burning.** the entire area within the depot boundary was burnt with success to minimize the risk of fire.

(l) **Staff.** The staff worked satisfactorily.

CHAPTER XIV

OTHER PUBLIC HEALTH SERVICES

Industrial Hygiene

1. The district and municipal medical officers of health as usual carried out the inspection of factories as part of their routine duties as *exofficio* Additional Inspectors of Factories under the Indian Factories Act and submitted copies of their inspection reports to the Chief Inspector of Factories and Boilers. The assistant director of public health, I range, inspected the Dairy at Dayalbagh in Agra and the Upper India Swedeshi Sugar Mills in the Muzaffarnagar District.

The Provincial Board of Public Health.

2. During the financial year 1932-3 only two meetings of the Board were held, both at Lucknow and both simultaneously with the council sessions, one in November 1932 and the other in March 1933. Further details will be found in the report of the Board which forms Appendix A to this report.

Hygiene Institute.

3. Rai Bahadur Dr. D. D. Pandya, D.P.H., assistant director of public health held charge of the Provincial Hygiene Staff. Institute from 1st January to 7th August, 1932, and Rai Bahadur Dr. K. P. Mathur, D.P.H., from 8th August to 13th November, 1932, after which the Government decided to hold the post of the Assistant Director of Public Health (Provincial Hygiene Institute) in abeyance experimentally for one year. Dr. J. T. Cornelius, D.P.H., 1st Lecturer, was accordingly appointed as Medical Officer incharge of the Provincial Hygiene Institute in addition to his own duties from 14th November, 1932.

Dr. H. G. D. Mathur, D.P.H., and Dr. K. N. Segal, D.P.H., worked as 2nd and 3rd Lecturers throughout the year except for short periods of their leave from 18th to 30th April, 1932, and from 22nd February to 12th March, 1932, respectively.

4. The necessity for the extension of the Institute building to accom- Buildings. modate other offices has been stressed in previous years but nothing could be done so far for want of funds.

5. The museum has been a medium of instruction not only to the students of the various classes held at the Institute, but also to many visitors. During the year under Museum. report the total number of visitors was 250. The models have also been made use of in instructing the student nurses of the King George's Hospital as well as students from La Martinière Girls' School and Government Girls' Normal School, Lucknow. 79 Bacteriological, Parasitological and Epidemiological charts were prepared by the Institute Artist under the direction and supervision of the officers of the Institute. These charts have been of great value for teaching and public health propaganda purposes. It is hoped that other models on tuberculosis and on other topics of public health will be added to the existing collection.

6. During the year under review a number of books has been added to the library. The aim is to equip the library adequately with important books of reference on public health subjects so that it may serve as a Central Reference library for the whole department and this is being done gradually owing to the existing financial stringency.

Routine and Special Investigative work.

7. The following routine and special investigative work was undertaken in the laboratories of the Institute during the year under report :

(a) *Routine Investigative work*—Altogether 425 samples of water received from Lucknow, Naini Tal, Unao, Jhansi, Dehra Dun, Ajmer and other places were analysed bacteriologically and chemically during the year under report. Weekly reports of chemical and bacteriological analysis received from medical officers of health of different municipalities were scrutinized with a view to suggest appropriate action when such was considered necessary.

(b) *Special Investigative work—Water supplies*—(i) The cause of pollution of the Agra Water-Works was investigated by the deputation of the necessary staff of the department.

(ii) Samples of water from wells and other sources in factories and in the Central Jail, Lucknow, were examined chemically and bacteriologically and advice given with regard to the steps that should be taken to secure a pure supply of water.

(iii) Examination of water from wells adjoining the bored-hole latrines in the Health Unit area, Partabgarh, was done to determine whether the wells become contaminated as a result of their introduction.

(iv) The seasonal standards of purity of the various municipal water supplies in the United Provinces where local laboratories exist were determined in order to serve as control on periodical analysis done at the local laboratories.

(c) *Investigation for Hookworm*—About 210 samples of stools from the Health Unit Area, Partabgarh, were examined as a preliminary survey to ascertain the amount of Hookworm infestation in that Area.

(d) *Investigation for infectious diseases*—(i) Examination of stools from suspected cases of cholera at the commencement of epidemics in all parts of the United Provinces was conducted in order to determine the true nature of the outbreak and to enforce anti-epidemic measures accordingly.

(ii) A few samples of urine and blood from cases of Jaundice in the Gorakhpur District Jail were examined to determine the cause of the disease.

(e) *Other Investigations*—Advice was given to the Stores Purchase Officer, United Provinces, based on the Rideal Walker tests of nine disinfectants as to the best disinfectant among them for Government notification.

Manufacture of cholera vaccine.

8. Proposals for the manufacture of cholera vaccine at the Institute were initiated in 1931 but regular manufacture commenced from 1932. The total number of doses of anti-cholera vaccine manufactured at the Institute during the year was 1,80,000 and of these 1,35,000 doses were supplied in ampoules to the Epidemiology branch. The undertaking has resulted in a saving to the local Government of about Rs.2,600.

Training of public health personnel.

9. (a) The details of examination and of the teaching work done at the Institute during 1932 are given in the appended table :

Statement showing the number of students trained and examined at the Provincial Hygiene Institute during 1932.

Name of class.	Session 1931-2.							Session 1932-3
	Number of students in the class	Examination, April 1932.			Supplementary Examination, October, 1932.			
		Month	Number appeared including those who failed at previous examination	Number of successful candidates	Month	Number appeared	Number of successful candidates	
Under-graduates undergoing training for M. B., B. S. degree.	57	April	42	26	Oct.	33	19	41
D. P. H. (Part I) ..	1	April	1	1	..	..	..	..
D. P. H. (Part II) ..	2	April	2	2	..	..	..	1
L. P. H. (Part I) ..	15	April	16	14	..	..	..	5
L. P. H. (Part II) ..	15	April	18	8	..	..	..	5
L. M. D. (Part II) ..	4	April	4	4	..	..	..	..
Sanitary Inspectors (Part I).	44	Feb.	44	31	..	..	..	38
Sanitary Inspectors (Part II).	84	..	..	..	Nov.	34	32	..
Chief Sanitary Inspectors.	..	..	4	2	..	..	..	..
Grade examination of medical officers in-charge of travelling dispensaries.	..	..	1	1	..	2	2	..
Health visitors (Part I)	3	..	..	..	Nov.	3	3	..
Ditto (Part II)	3	May	3	3	..	..	..	..
Post-graduates—1st class medical officers of health.	..	..	..	..	..	..	..	7
Post-graduates—2nd class medical officers of health.	..	..	..	..	..	..	..	8
Laboratory assistant and attendant trained.	5	..	..	..	..	..	..	..
Medical officers of health trained in anti-rabic work.	..	..	..	..	..	..	..	2

(b) The D. P. H. classes have been suspended by the Lucknow University from the session 1932.

(c) *Post-graduate course in Public Health*—Post-graduate course in Public Health including a special course in Malariology, Hygiene, Publicity and Maternity and Child Welfare was given to medical officers of health each of the 1st and 2nd classes from October to December, and July to September, respectively.

Health School.

10. Dr. D. F. Das continued to be incharge of the school as its lady superintendent up to the 15th of May, 1932, when the Health School closed for lack of funds. The three students who were enrolled in the Health Visitors' Class in October, 1931, completed their training in May, 1932. The new class for the women doctors of the Sub-Assistant Surgeon Class which was started in October, 1931, with four students terminated in May, 1932. The four successful students of this class were awarded the licence in Midwifery, Child Welfare and Domestic Hygiene of the United Provinces State Medical Faculty.

PUBLIC ANALYST

11. The office of the Public Analyst to Government was held by Professor P. S. MacMahon, M.S.C., F.I.C., from 1st January to 28th April, by Dr. B. M. Gupta, the Deputy Public Analyst in addition to his own duties from 29th April to 18th May and again from 19th October to the end of the year, and by Mr. S. C. Roy, Assistant Public Analyst to Government while officiating as Deputy Public Analyst from 19th May to 18th October, 1932.

12. The provisions of the United Provinces Prevention of Adulteration Act were further extended to certain municipalities, notified areas, town areas and rural areas in respect of certain specified articles of food. The Act is now in force in 85 municipalities, 9 districts, 21 notified areas and several town areas in 16 districts.

13. The total number of samples received for analysis during the year was 4,716, against 4,604 in 1931. The samples received consisted of:

Ghee	..	..	..	..	..	2,777
Milk	..	..	..	..	..	1,327
Butter	..	..	..	..	..	22
Edible oils	..	..	..	..	..	441
Flours	..	..	..	..	..	63
Tea	..	..	..	..	..	1
Vegetable products	..	..	..	..	..	8
Miscellaneous articles	..	..	..	..	..	77

Out of the above 4,716 samples, 934 were certified as adulterated, 3,633 were certified as genuine and 149 were received in a damaged condition unfit for examination.

14. Against the 934 samples certified as adulterated 898 prosecutions were instituted. Of these, 597 cases resulted in the offenders being fined, 26 cases were acquitted and the accused in 13 cases absconded. 12 cases were withdrawn, 9 were dismissed by the courts and 8 were filed. Three

persons died, one was warned, one minor was bound over and 228 cases were pending before the courts at the close of the year. The total amount of fines realized for 597 cases was Rs.12,604 or an average of Rs.21 per case against Rs.17,972 for 641 cases in 1931. The amount of fines inflicted varied very considerably in different places, and was less than Rs.15 in 260 cases. The following table sets out more fully the position in the 14 large towns :

Locality				Number of persons fined	Total amount of fine	Average fine per case
					Rs.	Rs.
Lucknow ..	..	..	..	75	1,043	18.9
Cawnpore..	..	..	..	79	1,553	19.7
Agra ..	..	..	..	9	171	19.0
Benares ..	..	..	..	1	10	10.0
Allahabad ..	..	..	..	9	50	5.5
Bareilly ..	..	..	..	50	627	12.5
Meerut ..	..	..	..	7	225	32.1
Aligarh ..	..	..	..	12	534	44.5
Shahjahanpur ..	..	..	..	3	100	33.3
Muttra ..	..	..	..	10	1,354	135.4
Fyzabad ..	..	..	..	4	170	42.5
Dehra Dun ..	..	..	..	13	230	17.7
Mussoorie ..	..	..	..	9	305	33.9
Naini Tal ..	..	..	..	16	482	30.1
Average for whole province ..				597	12,604	21.1

It will be clear from the above table that there has been no general improvement in the system of punishment by fines inflicted by courts and the average amount of fine inflicted in several municipalities is still insufficient to produce a deterrent effect as enjoined by the Government.

15. During the year the Legislative Council passed a Government Bill to the effect that in a case prosecuted under the Act which results in conviction, a sum of Rs.15 out of the fine realized shall be credited to Government. This has been done in order that Government may recoup to some extent a portion of the expenditure incurred by them for maintaining the Public Analyst's laboratories, the sum of Rs 15 being the approximate cost of analysing a sample.

16. The following comparative table shows the number of samples received for examination, numbers certified as adulterated and the percentage of adulteration found in twelve large cities of the Province in the years 1927 and 1932. There has been appreciable decrease in the adulteration of food stuffs in some of the cities. In Agra, the percentage of adulterated samples has fallen from 50% in 1927 to 11% in 1932 and in Benares from 39% to 4%. But such steady progress in the fall of percentage of adulterated samples is not evidenced in many other municipalities. It is extremely unsatisfactory that in 5 out of 12 large municipalities the percentage of adulterated samples is still above 20%. In view of this situation it is regretted that the provisions of Butter, Ghee and Fat Licensing Rules of 1930 which are very effective in checking adulteration

of ghee should have been enforced in 13 localities only. It is hoped that the remaining local areas will also bring into operation the provisions of these rules at an early date :

Serial number	Name of city	1927			1932		
		Number of samples mined	Number found adulterated	Percentage found adulterated	Number of samples mined	Number found adulterated	Percentage found adulterated
1	Lucknow	132	69	52	378	128	34
2	Cawnpore	147	58	40	611	99	16
3	Agra	70	35	50	229	25	11
4	Benares	18	7	39	195	8	4
5	Allahabad	97	25	26	88	20	23
6	Bareilly	27	12	44	191	69	31
7	Moradabad	10	5	50	58	9	16
8	Meerut	16	3	19	154	13	8
9	Shahjahanpur	51	7	14	56	4	7
10	Saharanpur	35	18	51	71	16	23
11	Jhansi	60	16	27	66	31	47
12	Etawah	6	1	17	23	5	18

17. The rate at which work in the office of the Public Analyst has been increasing will be indicated from the table appended below showing the number of samples received in each year during the last 5 years :

Year	Number of samples received			
1928	1,938
1929	2,311
1930	3,910
1931	4,604
1932	4,716

There is an urgent need for an extra junior analytical assistant. This appointment was asked for but owing to the existing financial stringency the proposal was rejected by Government.

Anti-rabic treatment.

18. In consultation with the Pasteur Institute of India and in furtherance of the policy of the decentralization of treatment recommended by that institution, six anti-rabic treatment centres were opened in the United Provinces from the 1st April, 1932, under the Public Health Department. These are located at Lucknow, Agra, Allahabad, Benares, Naini Tal and Mussoorie. The centre at Mussoorie has from the 1st of January, 1933, been transferred to Dehra Dun, but sanction has been given to the opening of a seasonal centre at Mussoorie for the treatment of local cases. It is proposed to open more centres as funds become available. Each centre serves a group of United Provinces districts. Injections at the Lucknow centre are given by an officer of the Provincial Hygiene Institute and at all other places by the medical officers of health of the towns.

19. From the 1st April to the end of October, 1932, only I and II class cases were treated at these centres. From November permission was accorded by the Pasteur Institute of India to the treatment of all class of cases at these centres but at the time of writing arrangements have been made, at the request of the Institute, to send some of the IV class cases to Kasauli for treatment there, and for research.

20. No special arrangements have been made for the accommodation of patients, but, except in Agra, they have found no difficulty in obtaining accommodation in the *serais* and *dharamshalas*. Cases which require hospital treatment are admitted into the King George's Hospital in Lucknow, Thomason Hospital in Agra, and in the district hospitals in other places.

21. The opening of these centres has resulted in substantial saving to Government in the cost of transport and maintenance allowance of indigent patients, and in greater convenience to the public, who are now treated nearer their homes and in a climate and environment with which they are familiar.

During the nine months from 1st April to 31st December, 1932, 2,561 patients attended the treatment centres, against about 3,000 who previously attended at Kasauli and Calcutta in 12 months. Of the 2,561 cases in 1932—

177 absconded during treatment,
5 died during treatment, of whom the death of three was due to hydrophobia, and
280 were "advice" cases only.

22. The distribution by *communities* of patients who attended for treatment was as follows:

						Rs.
Hindus	..	..	..	..	..	1,916
Muslims	..	..	..	..	..	512
Europeans	..	..	..	..	..	69
Anglo-Indians	..	..	..	..	..	10
Indian Christians	..	..	..	..	..	38
Other classes	..	..	..	..	..	2

23. The following table shows the *classification* of the cases treated:

Name of centre.	I class	II class	III class	IV class	Sent to Kasauli or Calcutta	Sent to Lucknow	Total.
Lucknow ..	18	343	148	92	182	..	783
Agra ..	31	664	57	16	179	..	947
Benares ..	10	262	47	6	67	31	423
Allahabad ..	5	146	25	6	38	21	286
Mussoorie ..	43	28	..	..	11	..	82
Naini Tal ..	5	58	..	1	12	..	76
Total ..	112	1,501	277	121	484	52	2,547

Cases bitten by rabid animals.

24. The following table shows the distribution of the cases according to the animals responsible for the bite.

Animal.	Lucknow	Agra	Benares	Allahabad	Mussoorie	Naini Tal
Dog	528	819	344	205		
Jackal	174	118	77	76		
Mongoose	2	..	1	..	Not available.	
Horse	1	1	..	1		
Donkey	1	..	..	2		
Cat	2	..	..	..
Monkey	7	..	1	..		
Goat	1	..	1	..		
Wolf	2	..	..	..
Otter	9	..	..	..
Cases bitten by men	..	8	..	2		
Total	728	946	423	286	..	..

CHAPTER XV

GENERAL REMARKS

The only Acts passed by the United Provinces Legislative Council during 1932 affecting public health were the United Provinces Municipalities (Amendment) Act, 1932 (V of 1932), and the United Provinces Prevention of Adulteration Act, 1932 (XIII of 1932).

1. Public Health Acts.

During 1932 the subject of the essay for the award of the Rai Shambhu Dayal Sahib Gold Medal was "A practical scheme for the improvement of the sanitary conditions of villages." Altogether 15 essays were received.

2. Public Health Essay.

The best essay was that of Mr. Raja Ram Agarwal of the Sanitary Inspectors' class and he was awarded the medal.

3. Dr. W. P. Jacocks, M.D., DR. P.H., Field Director of the Rockefeller Foundation, visited these Provinces early in April and toured with Dr. Hamid in the districts of Lucknow, Unao, Bara Banki, Fyzabad and Partabgarh in order to select an area for the proposed Health Unit and eventually selected one in Partabgarh after considering all important factors. He made a visit to the Health Unit in Partabgarh in November and again with Miss Mary Beard, an Associate Director of the Foundation, in December. On the last occasion they visited Lucknow and Allahabad as well. Miss Norah Hill, A. R. R. C., Organizing Secretary, Indian Red Cross Society, also made an extensive tour of the Province in connexion with the Red Cross work and visited the Health Unit as well. Dr. Jacocks' visits and suggestions in connexion with the Health Unit in which he is an expert have been of great value to the department.

Visit of officers to the United Provinces.

PERSONAL PROCEEDINGS AND OFFICE

A—Director of Public Health

The charge of the office of the Director of Public Health was held by Lieut.-Colonel C. L. Dunn, C.I.E., up to 14th November, 1932, the date on which he was superannuated and was succeeded by me.

Colonel Dunn inspected anti-epidemic work in Bareilly, school health and anti-rabic work at several places, water-supply arrangements at Bhowali and sanitation and rural hygiene in various municipalities and districts. He also inspected the proposed site of a tuberculosis settlement at Rani-bagh. He investigated the municipal water breakdown at Agra and submitted a detailed report to the Government. As usual, the Government Bovine Lymph Depot was inspected by him in April and October and the candidates for Sanitary Inspectors' training were interviewed at Meerut, Agra, Allahabad, Benares, Lucknow, Bareilly and Naini Tal.

He attended meetings of the Board of Public Health, Faculty of Medicine, Lucknow University, State Medical Faculty and United Provinces Medical Council. He conducted the viva voce examinations in Hygiene and Sanitary Law of the L. P. H. examination, Part II, and Part I of the Sanitary Inspectors' examination.

During the remaining one and a half months of the year I inspected the sanitation of the Cawnpore municipality, school health work there and the rural health and vaccination work on certain road side villages. I also attended the Conference of Medical Research Workers at Calcutta and the meetings of the Provincial Branch of the Indian Red Cross Society and of its executive committee and the United Provinces committee of the British Empire Leprosy Relief Association. I also examined the candidates of Part II of Sanitary Inspectors' class.

First Range—The charge of this range was held by Rai Bahadur Dr. K. L. Chaudhri, O.B.E., D.P.H., throughout the year.

He inspected vaccination work in nine municipalities and four districts and sanitation of several municipalities and certain other places. He visited several districts in connexion with cholera and plague outbreaks. He also inspected rural uplift work, first aid dispensaries, Junior Red Cross groups, child welfare and maternity work in several districts and infectious diseases hospitals, factories, anti-rabic work and school health work in his range. He also inspected two travelling dispensaries and anti-rat campaign work in four places and certain district health offices. He organized and supervised the medical and sanitary arrangements of all the important fairs in his range. He remained in Agra for more than a month with a view to improve the piped water supply, as owing to the pollution of the river the filter beds were not working properly. He discussed the sanitary and medical arrangements in connexion with the Adh Kumbh fair at Hardwar with the authorities concerned.

He conducted the oral examination of Part II of the D. P. H. examination.

He attended meetings of some of the district and municipal boards and addressed them on public health matters.

Second Range--The charge of this range was held by me up to 13th November, 1932, and thereafter by Rai Bahadur Dr. K. P. Mathur till the close of the year. During the period of my incumbency I supervised the medical and sanitary arrangements of all the important fairs held within the range. I inspected vaccination in eight districts and sanitation of 15 municipalities and six towns and notified areas and of Salvation Army Settlement in Gorakhpur. I also visited seven districts in connexion with epidemic work, eight districts in connexion with the inspection of district health service and five districts in connexion with the inspection of travelling dispensaries. The districts of Jhansi and Banda were also visited by me and the question of the extension of district health service to those districts was discussed with the local authorities. I also inspected the isolation or infectious diseases hospitals in five towns and the work of all the school health officers of the range. The analysis of water-supplies at Benares, Cawnpore, Mirzapur and Allahabad were inspected and the water-supply at the Magh Mela examined. The candidates for sanitary inspectors' training were also interviewed at Gorakhpur.

During the remainder of the year Rai Bahadur Dr. K. P. Mathur visited Jhansi in connexion with a diphtheria epidemic. He inspected the vaccination work, the school health work and the registration of vital statistics in Jhansi. Vaccination work was also inspected by him in the notified areas of Jhansi and Mahoba and in the municipalities of Banda Cawnpore and Etawah. He also inspected school health work in Cawnpore and the passenger inspection posts at Bhatni, Gorakhpur and Moghal Sarai railway stations and the infectious diseases hospital at Benares. He also did some preliminary work in connexion with the Magh Mela for 1933.

The work of the office was as usual ably superintended by Khan Bahadur Hafiz Mohi-ud-din. The work of Office. M. Raihan-ul-Haque and A. C. Banerji was again of a standard to deserve special notice.

NAINI TAL :

Dated June 22, 1933.

W. A. MEARNS, M.B., D.P.H.,

LIEUT.-COL., I.M.S.,

Director of Public Health, U. P.

Thirtieth Annual Report of the Board of Public Health, United Provinces, for the year ended 31st March, 1933

APPENDICES

to the

Report of the Board of Public Health, United Provinces.

APPENDIX A

Thirty-ninth Annual Report of the Board of Public Health, United Provinces, for the year ended 31st March, 1933

THE activities of the Board of Public Health like those of most other departments have suffered from the need for retrenchment. The outstanding feature of this year is the curtailment of all possible expenditure.

The head clerk, who has been allowed to retire under the new retrenchment terms, will not be replaced, the post having been reduced; while that of the Secretary has been held in abeyance since the retirement of the late incumbent. The Secretary's duties are now being carried on by the Personal Assistant to the Superintending Engineer, Public Health Department.

It has also been decided to hold fewer meetings and to hold them simultaneously with council sessions.

These decisions resulted in an immediate saving of Rs.5,088 during the year; but their full effect will only be apparent in the present year, when the total charges for establishment will be reduced to Rs.3,796 against an expenditure of Rs.8,000 in the year under review.

There has been a great reduction in the sums placed at the disposal of the Board of Public Health for health works. Below is given a table showing the progressive reduction in this respect during the last seven years :

Funds placed at the disposal of the Board of Public Health (in lakhs of rupees)						
Year		Special assistance to pilgrim centres	Urban sanitation	Rural and minor sanitary works	D. Works	Total
1926-7	..	1.25	4.18	3.40	..	8.83
1927-8	..	1.25	6.90	1.90	..	10.05
1928-9	..	1.25	2.75	2.40	..	6.40
1929-30	..	0.70	2.49	2.77	..	5.96
1930-1	..	0.70	1.91	2.40	..	5.01
1931-2	..	0.50	0.44	0.53	0.33	1.80
1932-3	..	0.50	0.44	0.53	0.41	1.88

The inadequacy of the sums can be judged from the perusal of paragraphs 4 to 8 of notification no. 176/XVI—51-22, dated the 23rd May, 1923, in which the duties of the Board are defined (copy attached for ready reference, vide appendix VI) and the increasing demands for sanitary measures in the large centres of population in the province.

During the year only two meetings of the Board were held, both at Lucknow and both simultaneously with the council sessions, one in

November, 1932, and the other in March, 1933. The following important matters received attention :

A—Special assistance to pilgrim centres

Brindaban—The infectious diseases hospital for which funds were provided last year was completed with a saving of about Rs.7,000. This saving the municipal board wanted to utilize for the equipment of the hospital and improvement of the main drain. This was sanctioned subject to the condition that the municipal board undertook to employ proper staff for the hospital.

Garhwal District—Rupees 2,000 were provided for the repairs of sweepers' huts on the pilgrim routes in the district of Garhwal.

Hardwar—The construction of a fourth tube-well was taken in hand for which the Board of Public Health allotted a sum of Rs.20,000. Owing to the impossibility of getting the extension completed in time a further grant of Rs.7,272 was made for a temporary supply to the Adh Kumbh Mela.

Some additions to the infectious diseases hospital at Hardwar at a cost of Rs.24,360 were completed in time for the Adh Kumbh Fair.

Indian Red Cross Society—A sum of Rs.12,000 was sanctioned for the production of cinema films for exhibition purposes at fairs and religious gatherings held in different cities of the province.

Muttra District—Rupees 2,465 were provided for metalling and providing *kharanjas* and drains in the Radhakund town area.

Piran Kaliar—Water supply to the fair in 1932 was arranged by the Public Health Engineering Department and maintained throughout the mela.

Some concrete platforms for slaughtering animals in the Piran Kaliar Fair area were constructed at a cost of Rs.531.

B—Urban sanitation

Agra. Tube-well at Dayalbagh—As far back as September, 1928, a grant of Rs.13,329 for the construction of a new type of tube-well at the Radhaswami Educational Institute, Dayalbagh, Agra, was sanctioned by the Board of Public Health as an experimental measure on condition that if the well could afford a supply of 14,000 gallons per hour or more, the Institute would contribute Rs.7,000 towards its cost. The tube-well on completion, however, did not yield anything like 14,000 gallons per hour, hence the claim for the contribution of Rs.7,000 was waived.

Allahabad municipal board—A regrant of Rs.3,955 was sanctioned towards the cost of renovating the clear water reservoirs at Khusrubagh.

Cawnpore municipal board—A sum of Rs.7,060 was placed at the disposal of the municipal board, Cawnpore, for improvements to the Sisaman Nala near MacRobertganj.

Fatehpur Sikri (district Agra)—Some extensions to its water supply for which funds were provided by the Board of Public Health last year were carried out at a cost of Rs.4,000.

Fyzabad municipal board—It had become necessary to construct a new tube-well near well no. 3. A grant of Rs.11,765 was sanctioned towards this work.

Ghazipur municipal board—The municipal board is very anxious to have a piped water supply. It was, therefore, decided to facilitate the

construction of a trial tube-well on the success of which the water supply scheme depends. A grant of Rs.18,000 was sanctioned towards this work.

Lucknow municipal board.—The question of the establishment of an infectious diseases hospital which has been the subject of discussion during past years, has now been finally decided and the Board sanctioned a grant up to half the capital cost but not exceeding Rs.18,000 on condition that the municipal board maintain the hospital and provide facilities for the training of medical students.

Muzaffarnagar municipal board.—This board demanded a grant of Rs.13,000 and a loan of an equal amount for repairing its outfall drains. The Board of Public Health, however, could not see its way to sanction any grant or recommend to Government any loan as this board has not kept its roads free from encroachments.

Orai municipal board.—A project amounting to Rs.5,608 for draining a tank of stagnant water and constructing necessary works for filling it with fresh canal water and for other improvements was approved and a grant of Rs.5,000 was sanctioned for this work.

Sandila municipal board.—The meat market for which a grant of Rs.4,843 was given last year has been completed.

Unao municipal board.—This board is carrying out its drainage scheme at a cost of Rs.1.89 lakhs and started the work by taking a loan of Rs.90,000 with which they constructed their main drains and the pumping station. They required some help from the Board of Public Health for constructing their surface drains without which the full benefit of the scheme was not possible. A sum of Rs.13,000 was sanctioned as a grant for this work.

Other grants such as Rs.3,000 for anti-rabic treatment centres; Rs.4,273 as share of the cost of trial bores for Jhansi Water Supply Scheme made by the Great Indian Peninsula Railway, Rs.2,000 to the Superintendent, Sarah E. Creighton Memorial Hospital, Brindaban, for their water supply and Rs.1,400 for the improvement of drainage in Civil Lines, Meerut, were also sanctioned.

C—Rural and minor sanitary works

Two important decisions were taken by the Board of Public Health in connexion with rural and minor sanitary works—one was concerning the procedure to be adopted by district officers for the submission of proposals for such works. The circular letters containing the instructions issued in this connexion have been reproduced as appendix VII.

The other matter concerned the grant of loans under the "Village Sanitation Act" and the Board of Public Health, after full consideration, decided that loans should not be granted by it and that the present practice of giving grants to the extent of half the estimated cost for small public health works should be continued, but that in certain cases, if necessary, grants be sanctioned to cover more than half the cost of the works, provided the total grant for the district does not exceed the district contribution.

Funds to the extent of over Rs.38,000 were placed at the disposal of District Magistrates of a number of districts for such works as small drainage schemes, construction of new sanitary wells, repairs to existing wells, construction of model houses, and so forth.

D—D. Works

Dewa fair water supply—An estimate amounting to Rs.0.57 lakh for the construction of a tube-well and installation of a pumping plant for supplying water to the *mela*, which is held every year, was sanctioned in 1930.

As the well was completed before the commencement of the fair of October, 1932, a supply of water for the *mela* was arranged with temporary plant, which was sent there for test pumping purposes. The cost of this temporary supply came to Rs.1,715, which was defrayed by the Board of Public Health.

General

During the year under report the office of President was held by Mr. H. G. Walton, C.S.I., I.C.S., Member, Board of Revenue, till March 30, 1933, when he handed over charge to Mr. D. L. Drake-Brockman, C.S.I., C.I.E., I.C.S., Member, Board of Revenue.

The following members whose term of office had expired were reappointed by Government for a further term of two years:

- | | |
|---|------------------------|
| (1) Mr. Zahur Ahmad, Bar.-at-Law, M.L.C., Allahabad. | } From March 14, 1933. |
| (2) Major D. R. Ranjit Singh, O.B.E., (late) I.M.S., Allahabad. | |
| (3) Rai Bahadur Dr. B. N. Vyas, M.B., Lucknow. | |

The following members served on the Board during the year under report:

Name	From--	To--
Colonel H. R. Nutt, M.D., F.R.C.S., I.M.S., Inspector General of Civil Hospitals, United Provinces.	April 1, 1932 ..	March 25, 1933.
Lieut.-Col. H. C. Buckley, M.D., F.R.C.S., I.M.S., officiating Inspector General of Civil Hospitals, United Provinces.	March 26, 1933 ..	March 31, 1933.
Mr. P. Mason, I.C.S., M.L.C., Secretary to Government, United Provinces, Local Self-Government and Public Health Departments.	April 1, 1932 ..	Ditto.
Lieut.-Col. C. L. Dunn, C.I.E., D.P.H., Director of Public Health, United Provinces.	Ditto ..	November 14, 1932.
Lieut.-Col. W. A. Mearns, M.B., D.P.H., I.M.S., Director of Public Health, United Provinces.	November 15, 1932	March 31, 1933.
Mr. G. McC. Hoey, Superintending Engineer, Public Health Department, United Provinces.	April 1, 1932 ..	Ditto.
Major D. R. Ranjit Singh, O.B.E., (late) I.M.S., Allahabad.	Ditto ..	Ditto.
Rai Bahadur Dr. B. N. Vyas, M.B., Lucknow	Ditto ..	Ditto.

Name	From—	To—
Honorary Captain Nawab Muhammad Jamshed Ali Khan, M.B.E., M.L.C., Baghpat (district Meerut).	April 1, 1932 ..	March 31, 1933.
Mr. Zahur Ahmad, Bar.-at-Law, M.L.C., Allahabad.	Ditto ..	Ditto.
Khan Bahadur Maulvi Saiyid Habibullah, Bar.-at-Law, M.L.C., Orai (district Jalaun).	Ditto ..	Ditto.
Pandit Joti Prasad Upadhyaya, M.A., LL.B., M.L.C., Agra.	Ditto ..	Ditto.
Honorary Lieutenant Raja Kali Charan Misra, M.L.C., Bareilly (deceased).	Ditto ..	July 17, 1932.
Rai Sahib Sahu Jwala Saran Kothiwala, M.L.C., Moradabad.	August 23, 1932 ..	March 31, 1933.
Khan Bahadur Hafiz Ghazanfarullah, M.L.C., Allahabad.	April 1, 1932 ..	February 20, 1933.
Rai Bahadur Babu Kamta Prasad Kacker, B.A., LL.B., M.L.C., Allahabad.	Ditto ..	Ditto.
Thakur Giriraj Singh, B.A., LL.B., M.L.C., Azamgarh.	February 21, 1933	March 31, 1933.
Rai Sahib Babu Rama Charana, B.A., LL.B., M.L.C., Lucknow.	Ditto ..	Ditto.

The post of Secretary was held by Khan Bahadur Hafiz Mohiuddin till 1st February, 1933, when he retired and handed over charge to Mr. H. G. Trivedi, Personal Assistant to the Superintending Engineer, Public Health Department, United Provinces.

A malaria sub-committee consisting of the following members was formed and approved by Government :

- | | |
|--|-----------|
| (1) Director of Public Health | Chairman, |
| (2) Major D. R. Ranjit Singh, O.B.E., (late) I.M.S., Allahabad .. | Members. |
| (3) Rai Bahadur Dr. B. N. Vyas, M.B., Lucknow .. | |
| (4) Khan Bahadur Saiyid Habibullah, Bar.-at-Law, M.L.C., Orai (district Jalaun) .. | |
| (5) Pandit Joti Prasad Upadhyaya, M.A., LL.B., M.L.C., Agra .. | |

The Board passed a resolution placing on record its deep sense of sorrow at the untimely death of Honorary Lieutenant Raja Kali Charan Misra, M.L.C., Bareilly, who had been a member of the Board for three years and offering its heartfelt sympathy to his family.

The Board also passed resolutions placing on record its appreciation of the most valuable services rendered by Lieut.-Colonel C. L. Dunn, C.I.E., D.P.H., Director of Public Health, United Provinces, Mr. F. J. Mallett, Water Works Engineer and Mechanical Adviser to Government, United Provinces, and Khan Bahadur Hafiz Mohiuddin, Secretary, Board of Public Health, United Provinces, on their retirement.

The Board further placed on record their appreciation of the services rendered by Mr. H. G. Walton, C.S.I., I.C.S., as their President and their regret at the departure of Colonel H. R. Nutt, M.D., F.R.C.S., I.M.S., from these provinces.

LUCKNOW :
1st May, 1933.

H. G. TRIVEDI,
Secretary, Board of Public Health,
United Provinces.

APPENDIX No. I

Statement of allotment sanctioned for the year 1932-3

	Rs.
(1) Grant for special assistance to pilgrim centres (recurring).	50,250
(2) Grant for urban sanitation (recurring) ...	44,000
(3) Grant for rural and minor sanitary works (recurring).	53,000
(4) Grant for D. Works	41,299
Total ...	<u>1,88,549</u>

These amounts after reappropriations sanctioned by competent authority stood as noted below :

	Rs.
(1) Special assistance to pilgrim centres (recurring)	62,149
(2) Urban sanitation (recurring)	73,355
(3) Rural and minor sanitary works (recurring) ...	38,330
(4) D. Works	14,715
Total ...	<u>1,88,549</u>

APPENDIX No. II

Statement of grants sanctioned by the Board of Public Health
(A) — Special assistance to pilgrim centres

Serial number	Name of work	Estimated amount	Amount of grant sanctioned by the Board of Public Health	Responsible authority who undertook to carry out the work	Remarks
		Rs.	Rs.		
	<i>Piran Kaliar</i>				
1	(i) Constructing concrete platforms for slaughtering animals.	531	531	Sub-Divisional Officer, Roorkee.	
	(ii) Looking after the pumping installation.	100	70	Public Health Engineering Department.	
	(iii) Cleaning and testing the plant and maintaining temporary water supply for the <i>mela</i> .	435	417	Ditto.	
	<i>Garhwal District</i>				
2	Repairs to the sweepers' huts on the pilgrim route.	2,000	2,000	Administrator, Sada-bart Fund.	
	<i>Dalmau (district Rae Bareilly)</i>				
3	Recurring grant for the benefit of pilgrims.	..	250	Deputy Commissioner, Rae Bareilly.	
	<i>Hardwar Municipality</i>				
4	(i) Infectious diseases hospital.	24,990	24,360	Public Health Engineering Department.	
	(ii) Construction of the 4th tube-well.	14,721	20,000	Ditto.	
	<i>Radhakund Town Area</i>				
5	Metalling and providing kharanjas and drains.	2,665	2,465	District Magistrate, Muttra.	
6	Production of cinema films for exhibition purposes at fairs, etc.	..	12,000	Honorary Secretary, United Provinces Branch of the Indian Red Cross Society.	
7	<i>Brindaban Municipality</i>				
	Third trial bore ..	7,901	56	Public Health Engineering Department.	
	Total ..	..	62,149		

APPENDIX No. II—(continued)

Statement of grants sanctioned by the Board of Public Health

(B)—Urban Sanitation

Serial number	Name of work	Estimated amount	Amount of grant sanctioned by the Board of Public Health	Responsible authority who undertook to carry out the work	Remarks
	<i>Jhansi Municipality</i>	Rs.	Rs.		
1	Share of the Jhansi Municipal Board towards the cost of investigations made by the Great Indian Peninsula Railway in connexion with a comprehensive water supply scheme.	..	4,273	Chief Cashier, Great Indian Peninsula Railway.	
2	Anti-rabic treatment centres in the United Provinces.	..	3,000	Director of Public Health, United Provinces.	
	<i>Orai Municipality</i>				
3	Cleaning and repairing municipal tank and appurtenant works for filling it with fresh canal water.	5,608	2,500	Chairman, Municipal Board, Orai.	
	<i>Hardwar Municipality</i>				
4	Temporary water supply to Adh Kumbh Mela of 1933.	7,272	7,272	Public Health Engineering Department.	
	<i>Cawnpore Municipality</i>				
5	Improvement to the Sisamau Nala near MacRobertganj.	14,120	7,060	Chairman, Municipal Board, Cawnpore.	
	<i>Allahabad Municipality</i>				
6	Renovation of clear water reservoirs at Khusrubagh (regrant).	40,818	3,955	Chairman, Municipal Board, Allahabad.	
	<i>Unao Municipality</i>				
7	Drainage scheme ..	1,89,316	13,000	Public Health Engineering Department.	
	<i>Ghaziipur Municipality</i>				
8	Trial tube-well ..	19,770	18,000	Ditto.	
	<i>Fyzabad Municipality</i>				
9	Tube-well near the existing tube-well no. 3.	12,033	11,765	Ditto.	
	<i>Meerut</i>				
10	Improvement of road and drainage in the Civil Lines, Meerut.	1,413	530	Ditto.	
	<i>Brindaban</i>				
11	Providing water supply to the Sarah E. Creighton Memorial Hospital.	..	2,000	Superintendent, Sarah E. Creighton Memorial Hospital, Brindaban.	
	Total ..	..	73,355		

APPENDIX No. II—(continued)

Statement of grants sanctioned by the Board of Public Health

(C)—Rural and minor sanitary works

Serial number	Name of work				Amount of grant sanctioned by the Board of Public Health	Total of each division	Remarks
	Small Public Health works in the districts noted below :				Rs.	Rs.	
	DISTRICT MAGISTRATE						
	<i>Masrut Division</i>						
1	Dehra Dun	..	..	..	115	..	
2	Saharanpur	..	..	..	2,057	..	
3	Muzaffarnagar	..	..	..	832	..	
4	Bulandshahr	..	..	..	710	..	
					..	3,714	
	<i>Agra Division</i>						
5	Aligarh	..	..	..	811	..	
6	Muttra	..	..	..	337	..	
7	Agra	..	..	..	60	..	
8	Mainpuri	..	..	..	1,69	..	
9	Etah	..	..	..	628	..	
					..	2,905	
	<i>Rohilkhand Division</i>						
10	Bareilly	..	..	..	209	..	
11	Bijnor	..	..	..	155	..	
12	Budaun	..	..	..	211	..	
13	Moradabad	..	..	..	190	..	
14	Pilibhit	..	..	..	8,852	..	
					..	9,117	
	<i>Allahabad Division</i>						
15	Farrukhabad	..	..	..	192	..	
16	Etawah	..	..	..	28	..	
17	Cawnpore	..	..	..	108	..	
18	Fatehpur	..	..	..	1,005	..	
19	Allahabad	..	..	..	246	..	
					..	1,574	
	<i>Jhansi Division</i>						
20	Jhansi	..	..	..	4,054	..	
21	Jalaun	..	..	..	840	..	
22	Hamirpur	..	..	..	2,376	..	
23	Banda	..	..	..	217	..	
						15,487	

APPENDIX No. II—(continued)

Statement of grants sanctioned by the Board of Public Health

(C)—Rural and minor sanitary works—(continued)

Serial number	Name of work	Amount of grant sanctioned by the Board of Public Health	Total of each division	Remarks
	Small Public Health works in the districts noted below:	Rs.	Rs.	
	DISTRICT MAGISTRATE			
	<i>Benares Division</i>			
24	Benares	176	..	
25	Jaunpur	1,285	..	
26	Ghazipur	321	..	
27	Ballia	2,062	..	
		..	3,844	
	<i>Gorakhpur Division</i>			
28	Gorakhpur	1,149	..	
29	Azamgarh	1,773	..	
		..	2,922	
	<i>Kumaun Division</i>			
30	Naini Tal	902	..	
31	Almora	1,395	..	
		..	2,297	
	<i>Lucknow Division</i>			
32	Lucknow	184	..	
33	Unao	410	..	
34	Sitapur	783	..	
35	Kheri	784	..	
		..	2,111	
	<i>Fyzabad Division</i>			
36	Fyzabad	125	..	
37	Gonda	113	..	
38	Bahraich	1,015	..	
39	Sultanpur	810	..	
40	Partabgarh	105	..	
41	Bara Banki	191	..	
		..	2,359	
	Total .. .. .	..	38,330	

APPENDIX No. II—(concluded)

Statement of grants sanctioned by the Board of Public Health

(D)—D. Works

Serial number	Name of work	Estimated amount	Amount of grant sanctioned by the Board of Public Health	Responsible authority who undertook to carry out the work
		Rs.	Rs.	
1	<i>Dewa fair (district Bara Banki)</i>			
(i)	Water supply scheme ..	57,859	11,400	Public Health Engineering Department.
(ii)	Maintaining temporary water supply during the <i>mela</i> of 1932.	1,838	1,715	Ditto.
	Total ..	..	14,715	..

NOTE—During the year under report a sum of Rs.30,000 was actually allotted to the Public Health Engineering Department for the Dewa fair water supply work, out of which only Rs.11,400 could be spent due to some delay in the completion of the tube-well. The balance of funds will be required next year to complete the installation.

APPENDIX No. III

*List of projects sanctioned by the Board of Public Health
during the year 1932-3*

Serial num- ber	Name of work	Amount of estimate
		Rs.
	(A) WATER WORKS	
	<i>Fatehpur Sikri Notified Area</i>	
1	Estimate for providing extra standposts in connexion with its water supply scheme.	4,000
	<i>Dewa fair (district Bara Banki)</i>	
2	Estimate for temporary water supply during the fair of 1932 ..	1,838
	<i>Hardwar Municipality</i>	
3	(i) Estimate for constructing the 4th tube-well	14,721
	(ii) Project for laying an 8-inch main from the site of the new tube-well to the existing 10-inch supply main to Hardwar.	11,753
	<i>Fyzabad Municipality</i>	
4	Project for a tube-well near tube-well no. 3	12,083
	<i>Ghaziपुर Municipality</i>	
5	Project for a trial tube-well	13,770
	<i>Jaunpur Municipality</i>	
6	Project for the comprehensive water supply scheme	4,11,037
	(B) DRAINAGE AND SEWERAGE WORKS	
	<i>Gorakhpur Municipality</i>	
7	Modified drainage scheme	3,44,501
	<i>Haldwani Notified Area</i>	
8	Revised project for the Banbhulpura drainage scheme ..	42,120
	(C) GENERAL	
	<i>Sandila Municipality</i>	
9	Estimate for the construction of Nawab Muhammed Yusuf Meat Market.	9,687
	<i>Bareilly Municipality</i>	
10	Revised project for Bareilly anti-malarial works	18,000
	<i>Hardwar Municipality</i>	
11	Revised project for the improvements and extensions to the infectious diseases hospital.	24,990
	Total ..	9,14,500

APPENDIX No. IV

Detailed statement of small public health works for which grants were sanctioned

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
				Rs. a. p.	Rs. a. p.
			MEERUT DIVISION		
1	Saharanpur	Moghal Khera	Repairs to a well ..	115 0 0	60 6 0
2	Do. ..	Nakur T. A. ..	Construction of pakka nala and culvert.	300 0 0	150 0 0
3	Bulandshahr	Ronda ..	Repairs and improvement of well.	202 0 0	101 0 0
4	Do. ..	Do. ..	Ditto ..	185 0 0	67 8 0
5	Do. ..	Anupshahr ..	Diversion of sullage water drain.	1,088 0 0	544 0 0
6	Meerut ..	..	Repairs to a well and providing pulley arrangements and soakpit.	79 0 0	79 0 0
7	Do. ..	..	Repairs to a well with pulley, etc. complete.	72 0 0	72 0 0
8	Do. ..	..	Ditto ..	86 0 0	86 0 0
9	Do. ..	..	Ditto ..	66 0 0	66 0 0
10	Do. ..	..	Repairs to a well ..	24 0 0	24 0 0
11	Do. ..	..	Ditto ..	60 0 0	60 0 0
12	Do. ..	..	Ditto ..	41 0 0	41 0 0
13	Do. ..	..	Ditto ..	34 0 0	34 0 0
14	Do. ..	..	Ditto ..	39 0 0	39 0 0
15	Do. ..	..	Ditto ..	40 0 0	40 0 0
			AGRA DIVISION		
16	Muttra ..	Radhakund T. A.	Metalling and providing kharanja and drains.	2,665 0 0	2,465 0
17	Do. ..	Chatta T. A...	Construction of pavement.	268 0 0	284 0 0
18	Do. ..	Mat ..	Improvement of well ..	105 0 0	52 8 0
19	Mainpuri ..	Pharba T. A...	Construction of kharanja.	303 0 0	152 0 0
20	Do. ..	Bewar T. A. ..	Ditto ..	463 0 0	232 0 0
21	Do. ..	Ditto ..	Ditto ..	463 0 0	232 0 0
22	Do. ..	Bhongaon T. A.	Ditto ..	139 0 0	70 0 0
23	Do. ..	Ditto ..	Ditto ..	139 0 0	69 0 0
24	Do. ..	Ditto ..	Ditto ..	225 0 0	113 0 0
25	Do. ..	Ditto ..	Repairs to kharanja ..	150 0 0	75 0 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
			AGRA DIVISION —(concl'd.)	Rs. a. p.	Rs. a. p.
26	Mainpuri ..	Karhal T. A. ..	Construction of kharanja	100 0 0	50 0 0
27	Ditto ..	Ditto ..	Ditto ..	151 0 0	76 0 0
28	Ditto ..	Mainpuri ..	Construction of a well..	1,000 0 0	500 0 0
29	Etah ..	Ganj Dundwara N. A.	Construction of drains..	614 0 0	307 0 0
30	Do. ..	Ditto ..	Construction of culvert	115 0 0	57 0 0
31	Do. ..	Mohanpur T.A.	Construction of a well..	158 0 0	79 0 0
32	Do. ..	Sahawar T. A.	Repairs of well ..	164 0 0	82 0 0
33	Do. ..	Nidhauli T. A.	Construction of drain ..	107 0 0	53 8 0
34	Do. ..	Bilram T. A. ..	Repairs of well ..	100 0 0	50 0 0
			ROHILKHAND DIVISION		
35	Budaun ..	Bilsi N. A. ..	Construction of a new well.	370 0 0	185 0 0
36	Ditto ..	Allapur ..	Construction of a new kharanja.	121 0 0	60 8 0
37	Ditto ..	Ditto ..	Repairs of well ..	100 0 0	50 0 0
38	Ditto ..	Ditto ..	Ditto ..	100 0 0	50 0 0
39	Ditto ..	Nizampur, Mazra Sheikhpur.	Repairs to a well ..	100 0 0	50 0 0
40	Bijnor ..	Siau ..	Construction of southern bund.	310 0 0	155 0 0
41	Pilibhit ..	Bedkhera ..	Construction of a pakka well.	230 0 0	115 0 0
42	Ditto ..	Shahdian Ladpur.	Ditto ..	230 0 0	115 0 0
43	Ditto ..	Moghla Khera	Construction of a new Giraud well.	126 0 0	63 0 0
44	Ditto ..	Gohania ..	Construction of a pakka well.	924 0 0	462 0 0
45	Ditto ..	Puranpur ..	Construction of a drain	143 0 0	74 0 0
46	Ditto ..	Ditto ..	Ditto ..	344 0 0	172 0 0
47	Ditto ..	Pakeriya Nau-ganwa.	Construction of a new pakka well.	533 0 0	266 8 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
			ROHILKHAND DIVISION—(contd.)	Rs. a. p.	Rs. a. p.
48	Pilibhit ..	Miranpur ..	Construction of a new pakka well.	533 0 0	266 8 0
49	Ditto ..	Santokhpur ..	Ditto ..	533 0 0	266 8 0
50	Ditto ..	Basthanan ..	Ditto ..	533 0 0	266 8 0
51	Ditto ..	Amarnagar, hamlet of Deohana.	Construction of a new Girand well.	126 0 0	63 0 0
52	Ditto ..	Gohar ..	Ditto ..	126 0 0	63 0 0
53	Ditto ..	Gopalpur Taluqa.	Construction of a new Girand (Suja) well.	176 0 0	88 0 0
54	Ditto ..	Rooppur ..	Construction of a new pakka well.	533 0 0	266 8 0
55	Ditto ..	Simaria Tarachand.	Ditto ..	533 0 0	266 8 0
56	Ditto ..	Makundapur..	Ditto ..	230 0 0	115 0 0
57	Ditto ..	Sair ..	Repairs to pakka well..	227 0 0	113 8 0
58	Ditto ..	Ruria Salimpur	Construction of a pakka well.	533 0 0	266 8 0
59	Ditto ..	Parshadpur ..	Construction of a pakka well Girand (Suja).	176 0 0	88 0 0
60	Ditto ..	Parshadpur, Mazra Ramnagar.	Ditto ..	176 0 0	88 0 0
61	Ditto ..	Madhotanda ..	Ditto ..	533 0 0	266 8 0
62	Ditto ..	Piparia ..	Ditto ..	533 0 0	266 8 0
63	Ditto ..	Parshadpur ..	Construction of a pakka well.	533 0 0	266 8 0
64	Ditto ..	Sabalpur Khas	Construction of a new pakka well.	176 0 0	88 0 0
65	Ditto ..	Ditto ..	Ditto ..	176 0 0	88 0 0
66	Ditto ..	Sirsa ..	Ditto ..	176 0 0	88 0 0
67	Ditto ..	Do. ..	Ditto ..	176 0 0	88 0 0
68	Ditto ..	Mazra Mabaiyapur.	Ditto ..	176 0 0	88 0 0
69	Ditto ..	Udaipur Khurd	Ditto ..	230 0 0	115 0 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
			ROHILKHAND DIVISION—(contd.)	Rs. a. p.	Rs. a. p.
70	Pilibhit ..	Sisaiya ..	Construction of Girand well.	126 0 0	63 0 0
71	Ditto ..	Partabpur ..	Ditto ..	126 0 0	63 0 0
72	Ditto ..	Amarsandh ..	Construction of Suja well.	176 0 0	88 0 0
73	Ditto ..	Kalia ..	Ditto ..	176 0 0	88 0 0
74	Ditto ..	Gaibojh ..	Construction of Girand well.	126 0 0	63 0 0
75	Ditto ..	Kaithulia ..	Construction of Suja well.	176 0 0	88 0 0
76	Ditto ..	Baidkhera ..	Construction of Girand (Suja) well.	230 0 0	115 0 0
77	Ditto ..	Chaukhandi ..	Ditto ..	230 0 0	115 0 0
78	Ditto ..	Prewa Tarha ..	Ditto ..	230 0 0	115 0 0
79	Ditto ..	Gabluiya ..	Ditto ..	176 0 0	88 0 0
80	Ditto ..	Lalpur ..	Ditto ..	176 0 0	88 0 0
81	Ditto ..	Bhagwantpur ..	Ditto ..	176 0 0	88 0 0
82	Ditto ..	Takia Dinarpur ..	Ditto ..	176 0 0	88 0 0
83	Ditto ..	Ramnagar ..	Ditto ..	176 0 0	88 0 0
84	Ditto ..	Harharpur ..	Construction of Girand well.	126 0 0	63 0 0
85	Ditto ..	Niria Mazra Maupur.	Construction of a well (Girand).	126 0 0	63 0 0
86	Ditto ..	Shahi ..	Construction of a pakha well.	533 0 0	266 8 0
87	Ditto ..	Do. ..	Ditto ..	533 0 0	266 8 0
88	Ditto ..	Debipur ..	Construction of Girand well.	126 0 0	63 0 0
89	Ditto ..	Nooranpur ..	Construction of Suja well.	230 0 0	115 0 0
90	Ditto ..	Ditto ..	Ditto ..	230 0 0	115 0 0
91	Ditto ..	Mundia Pasgawan.	Construction of a new Girand Suja well.	230 0 0	115 0 0
92	Ditto ..	Mankapur ..	Ditto ..	176 0 0	88 0 0
93	Ditto ..	Jeohara Kalianpur.	Ditto ..	176 0 0	88 0 0
94	Ditto ..	Rampur Faqire ..	Ditto ..	176 0 0	88 0 0
95	Ditto ..	Mujhakalan ..	Ditto ..	176 0 0	88 0 0
96	Ditto ..	Loharpur ..	Ditto ..	176 0 0	88 0 0
97	Ditto ..	Hargaon ..	Ditto ..	176 0 0	88 0 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
				Rs. a. p.	Rs. a. p.
ROHILKHAND DIVISION—(concl'd.)					
98	Pilibhit ..	Rampur Mazra Bhabsi.	Construction of a new Girand Suja well.	176 0 0	83 0 0
99	Ditto ..	Kabirparka-ganja.	Ditto ..	176 0 0	83 0 0
100	Ditto ..	Mahad Purnapur.	Ditto ..	176 0 0	88 0 0
101	Ditto ..	Sandia Ladpur	Ditto ..	280 0 0	115 0 0
102	Ditto ..	Imalia ..	Ditto ..	176 0 0	83 0 0
103	Ditto ..	Patrasia ..	Ditto ..	176 0 0	88 0 0
104	Ditto ..	Jangrauli Asa	Repairs of pakka well	130 0 0	65 0 0
105	Ditto ..	Dhankoni ..	Pakka "Man" with platform.	120 0 0	60 0 0
106	Moradabad..	Thakurdwara T. A.	Construction of a pakka drain.	8,218 0 0	8,218 0 0
ALLAHABAD DIVISION					
107	Fatehpur ..	Dhanpat-kapurwa.	Construction of a new well.	567 0 0	233 8 0
108	Ditto ..	Bindki ..	Improving drainage ..	1,073 0 0	597 0 0
109	Ditto ..	Do. ..	Constructing a culvert	551 0 0	276 0 0
110	Ditto ..	Do. ..	Special repairs to a well	752 0 0	376 0 0
111	Ditto ..	Do. ..	Ditto ..	451 0 0	225 0 0
112	Ditto ..	Do. ..	Constructing drains ..	255 0 0	127 0 0
113	Ditto ..	Do. ..	Special repairs to a well	282 0 0	141 0 0
114	Ditto ..	Do. ..	Brick paving of a lane	342 0 0	171 0 0
115	Cawnpore ..	Rajpur ..	Repairs to a well ..	157 0 0	78 0 0
116	Farrukhabad	Dahilia ..	Construction of a culvert.	384 0 0	192 0 0
JHANSI DIVISION					
117	Hamirpur..	Gaurehari ..	Repairs to a well ..	120 0 0	60 0 0
118	Ditto ..	Khanna ..	Ditto ..	300 0 0	100 0 0
119	Ditto ..	Mahoba N. A.	Repairs to drains ..	170 0 0	85 0 0
120	Ditto ..	Sumerpur T. A.	Special repairs to a well	234 0 0	117 0 0
121	Ditto ..	Mahoba N. A.	Repairs to 13 culverts	100 0 0	50 0 0
122	Ditto ..	Sumerpur T. A.	Repairs to a well ..	150 0 0	75 0 0
123	Ditto ..	Ditto ..	Ditto ..	146 0 0	73 0 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
				Rs. a. p.	Rs. a. p.
JHANSI DIVISION— (concl'd.)					
124	Hamirpur ..	Rath N. A. ..	Construction of a stone paved lane.	284 0 0	112 0 0
125	Ditto ..	Maudaha T. A.	Construction of a lane	317 0 0	158 8 0
126	Ditto ..	Mahoba N. A.	Construction and repairs of pitching.	200 0 0	100 0 0
127	Ditto ..	Rath N. A. ..	Brick pavement ..	541 0 0	270 8 0
128	Ditto ..	Maudaha ..	Construction of kharanja lane.	123 0 0	361 0 0
129	Jalaun ..	Gadhara ..	Repairs of a tank and the path.	309 0 0	159 0 0
130	Do. ..	Kudari Madhogarh.	Repairs to a well ..	200 0 0	100 0 0
131	Do. ..	Lahrana ..	Ditto ..	160 0 0	80 0 0
132	Do. ..	Rendhar ..	Ditto ..	211 0 0	105 0 0
133	Do. ..	Sehari ..	Ditto ..	262 0 0	131 0 0
134	Banda ..	Karwi N. A...	Special repairs to a well.	100 0 0	50 0 0
135	Do. ..	Kalwara Buzurg.	Repairs to a well ..	135 0 0	67 0 0
136	Do. ..	Manikpur ..	Ditto ..	200 0 0	100 0 0
137	Jhansi ..	Sijari Buzurg	Ditto ..	194 0 0	97 0 0
138	Do. ..	Barora ..	Ditto ..	245 0 0	145 0 0
BENARES DIVISION					
139	Jaunpur ..	Shahganj ..	Construction of three drains.	235 0 0	95 0 0
140	Ditto ..	Machhlisahar T. A.	Addition and alteration to the existing drain.	453 0 0	231 8 0
141	Ditto ..	Zafrabad T. A.	Construction of a culvert	335 0 0	167 0 0
142	Ditto ..	Ditto ..	Construction of a portion of drain.	404 0 0	202 0 0
143	Ditto ..	Shahganj N. A.	Construction of drain	538 0 0	294 0 0
144	Ditto ..	Zafrabad T. A.	Ditto ..	190 0 0	95 0 0
145	Ditto ..	Kerakat T. A.	1. Repair of the drain 2. Construction of the remaining portion of the drain	400 0 0	200 0 0
146	Ditto ..	Shahganj N. A.	Construction of drain	189 14 1	95 0 0
147	Ghazipur ..	Gahmar Eastern Chamrauti.	Repairs to a well and providing pulley arrangements.	105 0 0	52 8 0
148	Ditto ..	Manihari ..	Ditto ..	185 0 0	85 0 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
				Rs. a. p.	Rs. a. p.
BENARES DIVISION					
-(concluded.)					
149	Ghazipur ..	Gahmar ..	Construction of parapet wall, platform and pulley arrangements.	132 0 0	66 0 0
150	Ditto ..	Baresara ..	Ditto ..	235 0 0	117 0 0
151	Ballia ..	Rasra N. A. ..	Construction of a road	395 0 0	197 0 0
152	Do. ..	Reoti T. A. ..	Repairs of a well ..	114 0 0	57 0 0
153	Do. ..	Sahatwar T. A.	Constructing kharanja	214 0 0	107 0 0
154	Do. ..	Ditto ..	Ditto ..	500 0 0	250 0 0
155	Do. ..	Maniar T. A.	Constructing a side drain.	498 0 0	249 0 0
156	Do. ..	Bansdih T. A.	Construction of a kharanja.	438 0 0	219 0 0
157	Do. ..	Rasra N. A. ..	Repairs of a well ..	202 0 0	101 0 0
158	Do. ..	Do. ..	Constructing kharanja	253 0 0	126 0 0
159	Do. ..	Do. ..	Constructing a road ..	248 0 0	124 0 0
160	Do. ..	Do. ..	Repairs of a well ..	155 0 0	77 0 0
161	Do. ..	Do. ..	Construction of a road	399 0 0	199 0 0
162	Do. ..	Sikandarpur T.A.	Repairs of a well ..	142 0 0	71 0 0
163	Do. ..	Bairia ..	Constructing a jagat of a well.	141 0 0	70 8 0
164	Do. ..	Sisetar ..	Sinking of a well ..	437 0 0	218 0 0
165	Do. ..	Koth ..	Repairs of a well ..	200 0 0	100 0 0
166	Do. ..	Jamalpur ..	Ditto ..	193 0 0	96 0 0
167	Benares ..	Chandauli Bazar.	Construction of a drain	352 0 0	176 0 0
GORAKHPUR DIVISION					
168	Azamgarh ..	Rasalpur Pan-wa.	Construction of a new pukka well.	600 0 0	300 0 0
169	Ditto ..	Mau ..	Providing side drains	186 0 0	93 0 0
170	Ditto ..	Do. ..	Extension to certain K. and C. drains.	127 0 0	63 0 0
171	Ditto ..	Do. ..	Ditto ..	160 0 0	80 0 0
172	Ditto ..	Do. ..	Building of a cement floor.	399 0 0	200 0 0
173	Ditto ..	Do. ..	Extension to a drain..	315 0 0	157 0 0
174	Ditto ..	Do. ..	Extension to a central drain.	324 0 0	162 0 0
175	Gorakhpur..	Barhalganj ..	Construction of a well..	442 0 0	221 0 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
				Rs. a. p.	Rs. a. p.
KUMAUN DIVISION					
176	Naini Tal ..	Binkote Patti Pachhmi Chauthan.	Improvement of water supply.	1,404 0 0	702 0 0
177	Almora ..	Parnia Jhil ..	Construction of a new Dhara.	133 0 0	66 8 0
178	Do. ..	Lohaghat ..	Water supply ..	249 0 0	124 8 0
179	Do. ..	Pai'than wala Kamsiar.	Repairs to a nala ..	138 0 0	69 0 0
180	Do. ..	Ghaglori Malla Dora.	Ditto ..	162 0 0	81 0 0
181	Do. ..	Nirai ..	Constructing Dharas and Diggis.	100 0 0	50 0 0
182	Do. ..	Syunani Malla Salam.	Ditto ..	141 0 0	70 8 0
183	Do. ..	Kanara ..	Construction of a nala	130 0 0	65 0 0
LUCKNOW DIVISION					
184	Lucknow ..	Amethi T. A.	Repairing of a cow slaughter-house.	122 0 0	61 0 0
185	Ditto ..	Kakori T. A...	Repairs to a well ..	146 0 0	73 0 0
186	Unao ..	Maurawan T A.	Renewal of fractured steining.	205 0 0	102 8 0
187	Do ..	Ditto ..	Construction of drains	181 0 0	90 8 0
188	Do. ..	Ditto ..	Repairs of well ..	215 0 0	107 8 0
189	Do. ..	Purwa T. A. ..	Parapet, platform and drains.	133 0 0	66 8 0
190	Do. ..	Ditto ..	Repairs of a goat slaughter house.	153 0 0	76 8 0
191	Do. ..	Ditto ..	Construction of rain water channel.	81 0 0	215 8 0
192	Do. ..	Asoha and Pathakpore.	Provision of tin shed parapet, etc.	178 0 0	79 0 0
193	Do. ..	Gajader ..	Improvement of a well	121 0 0	60 8 0
194	Sitapur ..	Jalalpur ..	Repairs of a well ..	278 0 0	139 0 0
195	Do. ..	Hathia ..	Repairs of a platform of a well.	148 0 0	74 0 0
196	Do. ..	Goraicha ..	Repairs of a well ..	132 0 0	66 0 0
197	Do. ..	Sakraun ..	Ditto ..	100 0 0	50 0 0
198	Do. ..	Ahrori ..	Ditto ..	100 0 0	50 0 0
199	Kheri ..	Oel T. A. ..	Construction of a drain	112 0 0	56 0 0
200	Do. ..	Ditto ..	Ditto ..	174 0 0	87 0 0
201	Do. ..	Kheri ..	Ditto ..	235 0 0	117 0 0
202	Do. ..	Oel T. A. ..	Ditto ..	174 0 0	87 0 0

Serial number	Name of district	Name of village	Description of work	Estimated amount	Grant sanctioned
				Rs. a. p.	Rs. a. p.
		LUCKNOW DIVISION—(concl'd.)			
203	Kheri ..	Paila ..	Construction of a well	625 0 0	312 8 0
204	Do. ..	Siktia ..	Construction of a drain	1 0 0 0	75 0 0
		FYZABAD DIVISION			
205	Fyzabad ..	Deohat ..	Construction of a new well.	250 0 0	125 0 0
206	Gonda ..	Nawabganj N. A.	Repairs to a well ..	109 0 0	54 8 0
207	Do. ..	Payagpur ..	Construction of a well	117 0 0	58 8 0
208	Bahraich ..	Nanpara N. A.	Construction of a portion of a drain.	800 0 0	400 0 0
209	Ditto ..	Bhinga N. A.	Construction of a portion of pakka nala.	1,230 0 0	615 0 0
210	Sultanpur ..	Mianganj ..	Construction of a jagat to a well.	188 0 0	94 0 0
211	Ditto ..	Guftarganj ..	Construction of a jagat to a well and parapet.	180 0 0	90 0 0
212	Ditto ..	Bharatipur ..	Construction of a jagat	111 0 0	55 8 0
213	Ditto ..	Ditto ..	Ditto ..	199 0 0	99 8 0
214	Ditto ..	Payagipur ..	Construction of a pakka jagat.	145 0 0	72 8 0
215	Ditto ..	Bhada ..	Ditto ..	133 0 0	69 8 0
216	Ditto ..	Chaturpur ..	Ditto ..	132 0 0	66 0 0
217	Ditto ..	Patna ..	Construction of a wall round the mouth of a well.	180 0 0	90 0 0
218	Ditto ..	Chandalipur ..	Construction of a jagat	173 0 0	86 8 0
219	Ditto ..	Ramganj ..	Ditto ..	173 0 0	86 8 0
220	Partabgarh	Patti ..	Filling of excavation..	209 0 0	105 0 0
221	Bara Banki	Dewa T. A. ..	Construction of drains	138 9 0	69 4 0
222	Ditto ..	Banki T. A. ..	Ditto ..	243 0 0	121 8 0

NOTE—In all 974 projects were examined and grants in the case of only 222 small Public Health works noted above were sanctioned.

APPENDIX No. V

*Statement of works for which loans were sanctioned by
Government during the year 1932-3*

Serial number	Name of work	Amount of estimate	Amount of loan sanctioned by Government	Remarks
		Rs.	Rs.	
	<i>Agra Municipality</i>			
1	Installing a booster pumping plant for the water supply to the Agra Cantonment.	25,807	20,000	
	<i>Meerut Municipality</i>			
2	Electric supply scheme	2,98,761	75,000	
	<i>Mussoorie City Board</i>			
3	(i) Equipment of a central workshop at Dehra Dun.	25,000	25,000	
	(ii) Construction of a settling tank at the hydro-electric head-works.	1,21,488	15,000	A loan of Rs.88,000 was sanctioned last year.
	<i>Hardwar Municipality</i>			
4	To meet the expenses of the Adh Kumbh mela to be held in April, 1933.	1,25,000	1,00,000	
	Total .. ..	..	2,35,000	

APPENDIX No. VI

Extract paragraphs 4 to 8 of Public Health Department notification no. 176/XVI-51-22, dated the 23rd May, 1923, prescribing the duties of the Board of Public Health.

4. The duties of the Board of Public Health will be—

(1) To serve as the adviser of Government ; to be the central and controlling authority in all matters of sanitation ; to initiate measures for the improvement of public health and to assist local authorities in every way in matters falling within its province. Heads of departments and Commissioners of divisions requiring advice or having any proposal or inquiry to make on matters of importance relating to sanitary administration shall address the Board of Public Health for instructions or assistance. If the subject dealt with involves new general principles or is otherwise of importance the file shall be sent to the Secretary to Government in the Public Health Department for the information of the Hon'ble Minister, Local Self-Government Department and Public Health. District officers requiring advice, assistance or information from the Board shall address their applications through the Commissioner.

(2) Where the result of the Board's consideration of any question, whether referred to or taken up by the Board itself, is a resolution in favour of a reform of provincial importance an official report shall be made to the Government before action is taken on the resolution.

(3) To deal as authorized by rule with projects for sanitation undertaken by district or municipal boards, notified and town areas.

5. If in the opinion of the Board any work of sanitary improvement is needed in an area controlled by a local authority it will be within the competence of the Board by resolution to place before the local authority a statement of the deficiencies to be remedied and to propose to the local authority a definite scheme for a work. If the Board of Public Health is not satisfied with the action taken by the local authority it shall report the case for the orders of Government.

6. The Board will assist local bodies with grants-in-aid of sanitary works from the funds placed at its disposal by Government.

7. Local authorities which have received a grant from the Board of Public Health shall submit to the Board of Public Health not later than the 31st January of each year till the completion of the work a statement showing the description of the work ; the amount of the estimate ; date of commencement of the work ; date of completion of the work ; and cause of delay, if the work has not been taken in hand or completed.

8. The Board shall when necessary prescribe standard plans for sanitary works and copies of these plans and estimates will be issued to local bodies for their guidance.

APPENDIX No. VII

COPIES of circular letters issued in connexion with the submission of small public health proposals for the guidance of district officers.

Copy of a letter no. 1941-50/B.P.H.—356-II/32, dated the 21st December, 1932, from KHAN BAHADUR HAFIZ MOHI-UD-DIN, Secretary, Board of Public Health, United Provinces, to all Commissioners of Divisions, United Provinces.

WITH reference to this office Circular no. 983-92/B.P.H.—356/23, dated the 15th September, 1927, regarding grants for small public health works in (a) notified and town areas, (b) villages under the Village Sanitation and Panchayats Acts, and (c) villages where these Acts are not in force or where *panchayats* have not been established, I am directed to state that it has been noticed that the instructions issued in this office Circulars nos. 832-40/S.B.—24 and 914-22/B.P.H.—283, dated respectively, 16th July, 1918, and 23rd June, 1926 (copies attached for easy reference) are not adhered to and that instead of money being invariably spent on works costing considerable sums it is sometimes frittered away in detail over petty works with the result that proper value is not being obtained for the amounts allotted. The whole matter was fully discussed at a meeting of the Board of Public Health held on 5th November, 1932, and it was resolved that in future money should be allotted to works costing considerable sums rather than frittered away in small sums, and that allotments be placed at the disposal of divisional commissioners for distribution to their district officers according to requirements, preference being given to contributors and to demands for rural water supplies.

I am, therefore, to request that you will in March or April every year intimate to this office the amount likely to be required for such works in your division.

2. I am to state that these grants should, as usual, be made on condition that no grants are made for roads, that ordinarily such grants will be given for improvement of wells (or in the hills of springs used for drinking) or filling in of insanitary hollows and sanitary improvements and should be subject to the proviso that local bodies are ordinarily prepared to contribute half the cost of the sanitary schemes proposed to be carried out. Thirty per cent. of the sanitary grants should be set apart for allotment to villages where no *panchayats* have been established. District officers in your division should be asked to collect proposals and note against each work the order of precedence as far as their districts are concerned. It will be as well to select certain suitable areas for improvements in the way of drainage and water supplies. The area selected should preferably be compact villages in which the whole population live more or less in one *abadi* which forms the centre of trade for the surrounding area and in which there is usually a fixed weekly or bi-weekly market to which the villagers come to obtain supplies and sell their goods. Ordinarily in all cases of grants exceeding Rs.5,000 a programme should be drawn up and a time-limit fixed. A major portion of the grants should be devoted to the improvement of village wells and village water supplies. Before a grant for a drainage work is sanctioned it must be ascertained

whether the local authority concerned has agreed to preserve the roads in which the drains are designed and has undertaken to prevent any encroachments on the boundaries of public roads.

3. I am to point out that as stated in previous circulars there is a greater likelihood of money being spent to good advantage in the rural areas of those districts where the district health scheme is in force than elsewhere. In such districts public health works can be carried out under the supervision and guidance of the district medical officers of health and they should therefore invariably be consulted in drawing up the schemes of sanitary improvement.

4. I am to add that projects costing Rs.200 or over should be submitted to the Superintending Engineer, Public Health Department, in the accompanying form in March every year with a view to their being checked by the Public Health Engineering Department in time and funds being sanctioned by the Board of Public Health before the rains, if possible. These should be accompanied with definite projects separately for (a) notified and town areas, (b) villages under the Village Sanitation and Panchayats Acts, and (c) villages where these Acts are not in force or where *panchayats* have not been established, the following points being adhered to :

(i) For works whether original or repairs costing between Rs.200 and Rs.500 detailed estimates (sample forms already circulated to district officers) and sketch plans with dimensions should be submitted along with the abstract,

(ii) for works whether original or repairs costing over Rs.500 detailed estimates with plans and sections accompanied by a brief report defining the purpose of the work and specification of materials to be used should be submitted with abstract, and

(iii) separate application form should accompany each demand and each form should pertain to one work and one work only.

Copy of a letter no. 832-40/S.B.—24, dated the 16th July, 1918, from the Secretary, Sanitary Board, United Provinces, to all Commissioners of Divisions, United Provinces (except Kumaun).

THE statement forwarded by you showing the expenditure on petty sanitary works in town and notified areas out of the grant of Rs.5,000 allotted by the Sanitary Board in 1917-18 for your division, was considered by the Sanitary Board at a meeting held on the 29th June, 1918, and I am directed to say that it was decided by the Board that allotments from the above grant should not be made towards the metalling of roads intended for vehicular traffic, though the Board was of opinion that allotments may be made for paving or metalling lanes where this was considered a sanitary improvement.

It was also suggested that in order to prevent the grants being frittered away, a divisional programme for works in town and notified areas might be framed for a period of say five years, for your own information. This is only a suggestion and the Board in no way desire to fetter your discretion.

The Board have further decided to give to you the discretion of forgoing contributions in connexion with these grants, when the towns cannot reasonably be expected to provide them.

Copy of a letter no. 914-22/B.P.H.—283/23, dated the 23rd June, 1926, from the Secretary, Board of Public Health, United Provinces, to all Commissioners of Divisions (except Kumaun), United Provinces.

I AM directed to inform you that your report on the method in which the grant placed at your disposal for expenditure on petty sanitary works in notified and town areas during 1925-26 was utilized, has been laid before the Board of Public Health and I am to communicate the following remarks.

2. From the details given by you and by other Commissioners it appears that the instructions conveyed in my letter no. 832-840, dated the 16th July, 1918, have not been always observed. It was pointed out in that letter that to prevent these grants from being frittered away a divisional programme made for works in towns and notified areas should be framed by the Commissioners for their information for a period of, say, five years. A great deal of the money allotted in 1925-26 has been spent on small grants of Rs 50 to 100 for repair or cleaning of wells. In the opinion of the Board of Public Health these grants should be reserved for works of sanitary improvement, which are ordinarily beyond the financial capacity of the local authority concerned to undertake. Schemes for improving surface drainage whether by the construction of drains or by the paving or metalling of lanes not used for vehicular traffic, are the most useful objects on which money can be spent. In this connexion I am to invite your attention to the instructions for preparation of projects for small sanitary works printed and circulated by the Superintending Engineer, Public Health Department, United Provinces, in compliance with resolution no. 30, dated the 2nd March, 1926, of the Board of Public Health. Before sanctioning grants it is desirable to examine the finances of the local body concerned and to make certain that an adequate scale of taxation is being levied by the authority having regard to the circumstances of the place. As has been pointed out by one Commissioner the effect of following these instructions may be to concentrate expenditure in a few places rather than to give small grants to a larger number. The Board of Public Health, as pointed out in the printed note, have reason to believe that money in the past has been wasted by giving small grants for works which do not form part of a comprehensive scheme and eventually have to be destroyed when such a scheme is taken up.

3. In my letter of 16th July, 1918, quoted above, the Board of Public Health granted discretion to forgo contributions in connexion with such grants when towns could not reasonably be expected to provide. If, however, the instructions contained in this letter are observed, the Board of Public Health are of opinion that it will rarely be necessary to relax the ordinary condition which should be that towns contribute half of the total expenditure for which a grant is made.

Serial no. _____

BOARD OF PUBLIC HEALTH, UNITED PROVINCES*Application for funds for assistance for the construction of
petty health works*

1. Division _____
2. District _____
3. Name _____
4. Nature of work _____

5. Scope and extent _____

6. Population affected _____
7. (a) Estimate prepared by _____
(b) Plans prepared by _____
(Official designation) _____
8. Total estimated amount--Rs. _____
9. Funds promised by local authority -- Rs. _____
10. Balance of funds required by grant-in-aid -- Rs. _____
11. Recommendation of district officer, and number in order of
preference for his district _____

_____ No. _____
12. Remarks by Commissioner _____

For use by Board of Public Health

13. _____

Serial no. _____
BOARD OF PUBLIC HEALTH, UNITED PROVINCES

Application for funds for maintenance for the construction of _____

1. Division _____

2. District _____

3. Name _____

4. Nature of work _____

5. Scope and extent _____

6. Population affected _____

7. (a) Estimate proposed by _____
(b) Funds proposed by _____
(Official designation) _____

8. Total estimated amount _____

9. Funds provided by local authority, Rs. _____

10. Balance of funds required by grant-in-aid, Rs. _____

11. Recommendation of District Officer, and number in order of _____
priority for the district _____

12. Remarks by Commissioner _____

For use by Board of Public Health

Copy of a letter no. 301-310/B.P.H.—356-II/32, dated the 3rd March, 1933, from H. G. TRIVEDI, Esq., Secretary, Board of Public Health, United Provinces, to all Commissioners of Divisions, United Provinces.

SOME difficulty having been experienced in carrying out the instructions issued in the circular letter no. 1941-50/B.P.H.-356—II/32, dated the 21st December, 1932, I am directed to issue the following further detailed instructions for the information of the Commissioners and the District Magistrates of the Province to facilitate the disposal of small public health works in rural areas :

(1) The proposals for any financial year may be submitted by the end of April of that year, so that they may be properly scrutinized by the Public Health Engineering Department and the necessary funds allotted in time to ensure the completion of the works within the financial year.

(2) Funds for works costing up to Rs.100 should invariably be found by the local bodies themselves.

(3) Projects costing Rs.100 to Rs.200 generally should not require much technical skill and the District Magistrates or the District Medical Officers of Health should be in a position to certify as to their adequacy and urgency. In special cases, however, where some technical difficulty is experienced, a reference may be made to the Superintending Engineer, Public Health Department.

(4) Projects costing Rs.200 or over should all be submitted to the Superintending Engineer, Public Health Department, through the Secretary, Board of Public Health, with the Commissioner's recommendations.

Summary of the work done during 1932 by the Public Health personnel

Serial number	Name of district	Number of days on tour		Number of villages visited	Number of villages visited for epidemics	Number of villages where improvements were made on the advice of the Public health staff	Verification of births and deaths		Inoculations	
		District Medical Officer of Health	Assistant Medical Officer of Health				Number of entries checked	Percentage of omissions discovered	Number of plague inoculations done	Number of cholera inoculations done
1	2	3	4	5	6	7	8	9	10	11
1	Muzaffarnagar ..	166	232	569	46	44	5,871	4.6	2,144	
2	Bulandshahr ..	209	176	1,313	28	223	13,429	1.7	..	1.5
3	Muttra ..	162	(a)82	†1,199	34	98	7,036	3.5	..	4
4	Moradabad ..	179	141	1,591	404	234	11,020	3.7	2,318	5
5	Fatehpur ..	165	90	1,236	37	250	11,918	7.3	..	7
6	Allahabad ..	206	*198	2,000	67	450	8,603	13.6	..	1.9
7	Benares ..	206	173	1,459	454	522	32,302	1.6	4,911	9.9
8	Mirzapur ..	184	96	1,316	175	229	4,398	3.7	..	9
9	Jaunpur ..	184	215	1,491	454	312	5,122	5.0	450	9
10	Ghazipur ..	164	188	1,871	845	91	11,668	8.2	4,883	3.4
11	Ballia ..	196	195	1,448	490	491	6,118	7.8	10,069	2.2
12	Gorakhpur ..	151	*497	4,029	1,561	360	10,947	8.7	7,308	6.8
13	Basti ..	213	*276	1,933	1,082	222	5,474	3.5	15,364	2.9
14	Azamgarh ..	175	*358	2,842	767	399	9,490	2.1	8,267	1.0
15	Naini Tal ..	153	227	1,151	63	131	2,572	0.9	822	4
16	Garhwal ..	78	143	858	33	50	1,488	1.5	..	5.4
17	Lucknow ..	99	186	†1,611	141	77	9,229	1.5	..	9
18	Unao ..	177	182	1,340	38	205	5,542	8.2	..	3
19	Rae Bareilly ..	180	185	1,639	152	315	3,593	3.7	66	9
20	Sitapur ..	166	138	1,959	215	..	8,052	7.1	121	..
21	Hardoi ..	181	73	†2,140	193	689	12,350	9.3	1,059	3.6
22	Kheri ..	199	(b)169	1,027	150	164	4,890	2.6	384	2
23	Fyzabad ..	236	211	2,318	445	496	8,171	1.6	7,533	
24	Gonda ..	136	*295	1,614	118	1,113	25,917	9.6	85	1.1
25	Bahraich ..	141	133	1,507	121	538	6,832	6.7	..	1.1
26	Sultanpur ..	156	155	1,671	62	472	6,498	1.7	376	3
27	Partabgarh ..	184	77	1,225	96	229	4,575	2.2	15	1.4
28	Bara Banki ..	182	178	1,052	57	33	20,472	6.6	..	1.2
	Total ..	4,828	5,274	45,409	8,328	8,387	263,583	4.7	66,185	51.1

(a) The number is for six months.

(b) For nine months.

*There are three assistant medical officers of health in the Gorakhpur District and two in .. of Azamgarh, Gonda and Allahabad were abolished with effect from June 1, 1932. The number of ..

†The number exceeds the total number of villages in the district as many villages were inspected and therefore such villages have been counted as three instead of one.

NOTE:—Information not received from districts shown blank in columns 22 and 23.

IX B

districts where the district health service has been established

Number of village aiders trained			Number of first aid dispensaries		Number of factories inspected	Hygiene Publicity work		Number of dais trained in Maternity and Child welfare	Number of villages in which village aid scheme has been introduced during 1932	Number of schools visited	Number of scholars examined
School boys	Government servants (e. g. chaidara, patwaris and subordinate of the Co-operative Department) and school teachers	Number of the general public	Opened during 1932.	Total up to December 31, 1932		Number of magic lantern demonstrations given	Number of lectures delivered				
12	13	14	15	16	17	18	19	20	21	22	23
260	433	40	60	130	1	6	528	195	47	..	..
51	314	270	10	367	9	11	2,136	323	48	81	5,608
186	847	199	..	80	3	13	823	334	..	78	377
1,309	404	229	13	96	2	42	4,187	221	100	75	3,879
1,536	1,311	4,009	21	185	1	40	1,883	549	29	9	1,007
1,240	815	506	7	82	2	17	5,750	779	450	104	5,953
12,939	643	311	42	80	7	7	894	211	(c)10	157	11,140
1,721	629	1,309	24	24	..	49	593	344	10	..	..
403	331	150	8	48	..	29	1,443	246	(d)43	69	4,606
801	541	148	7	77	..	6	1,198	724	69	63	5,103
6,459	2,406	2,672	1	56	..	25	1,339	1,706	103	..	..
529	540	203	15	68	4	38	1,585	825	209	104	9,221
1,504	408	119	13	20	2	22	1,522	291	48	1 02	8,729
1,317	1,108	170	1	315	..	18	1,982	502	1	1 63	11,861
167	216	209	10	23	2	41	1,471	110	93	63	2,722
25	97	131	..	..	..	21	522	19	..	8	299
750	118	85	..	46	..	35	692	76	4	..	..
917	542	171	9	69	1	25	464	163	48	79	5,156
759	424	2	7	49	..	23	1,126	131	7	199	11,217
310	321	171	12	33	..	15	1,545	436	6	49	2,514
361	302	..	..	39	2	5	2,156	160	70	62	5,373
2,910	276	144	23	45	4	30	210	183	23	40	2,121
603	150	217	25	142	..	23	2,131	133	63	79	5,966
2,018	357	320	46	62	5	36	687	873	161	10	2,982
1,062	691	241	11	57	3	32	1,781	289	80	48	2,427
3,953	131	399	11	121	..	13	1,130	14	6	95	7,023
2,295	636	397	40	110	..	13	814	155	28	20	1,921
300	403	35	15	15	2	6	680	111	35	87	4,939
36,685	15,401	12,847	431	2,439	50	646	41,377	10,163	1,796	1,844	123,144

(c) Partially in ten villages.

(d) Full scheme in 8 villages and part in 35.

the districts of Basti and Azamgarh. The post of second assistant medical officer of health in the districts they were on tour has been shown collectively in column 4.

the district medical officers of health, assistant medical officers of health and sanitary Inspectors separately

Statistics registered in the districts of the

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Births registered in the districts of the

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Number	District	Population according to census of 1931			Number of births registered		
		Male	Female	Total	Male	Female	Total
	MEERUT DIVISION						
1	Dehra Dun ..	137,569	92,678	230,247	3,658	3,187	6,845
2	Saharanpur ..	573,810	470,110	1,043,920	23,145	20,264	43,409
3	Muzaffarnagar ..	489,306	405,356	894,662	19,997	17,524	37,521
4	Meerut ..	871,267	730,651	1,601,918	34,192	29,608	63,800
5	Bulandshahr ..	603,978	532,907	1,136,885	26,869	23,483	50,352
	AGRA DIVISION						
6	Aligarh ..	636,037	535,708	1,171,745	22,799	20,023	42,822
7	Muttra ..	364,292	303,782	668,074	13,456	11,990	25,446
8	Agra ..	572,958	475,358	1,048,316	23,017	20,362	43,379
9	Mainpuri ..	412,600	337,033	749,633	12,560	10,267	22,827
10	Etah ..	466,414	394,064	860,478	16,217	13,883	30,100
	ROHILKHAND DIVISION						
11	Bareilly ..	579,860	492,519	1,072,379	24,557	22,085	46,642
12	Bijnor ..	443,667	391,802	835,469	18,983	16,774	35,757
13	Budaun ..	546,519	463,661	1,010,180	23,492	21,243	44,735
14	Meerut ..	687,850	596,258	1,284,108	32,052	29,435	61,487
15	Shahjahanpur ..	493,101	412,030	905,131	20,433	18,505	38,938
16	Pilibhit ..	240,790	208,048	448,838	10,447	9,355	19,802
	ALLAHABAD DIVISION						
17	Farrukhabad ..	480,178	397,214	877,392	18,372	16,056	34,428
18	Etawah ..	413,071	332,934	746,005	13,412	11,789	25,211
19	Cawnpore ..	669,817	542,436	1,212,253	18,357	16,107	34,464
20	Fatehpur ..	361,406	327,383	688,789	12,404	10,836	23,240
21	Allahabad ..	767,405	724,508	1,491,913	22,490	19,878	42,368
	JHANSI DIVISION						
22	Jhansi ..	357,551	332,862	690,413	15,510	13,825	29,335
23	Jalaun ..	223,326	202,696	426,022	8,272	7,404	15,676
24	Hamirpur ..	257,028	245,661	502,689	9,593	8,230	17,823
25	Banda ..	322,927	302,844	625,771	10,416	8,876	19,292
	BENARES DIVISION						
26	Benares ..	525,030	491,343	1,016,373	19,936	18,012	37,978
27	Mirzapur ..	394,465	393,944	788,409	14,352	13,141	27,493
28	Jaunpur ..	612,908	623,163	1,236,071	17,358	15,272	32,630
29	Ghazipur ..	422,857	402,114	824,971	14,135	13,175	27,310
30	Ballia ..	469,068	444,022	913,090	14,030	11,773	25,803
	GORAKHPUR DIVISION						
31	Gorakhpur ..	1,830,288	1,737,273	3,567,561	57,566	53,154	110,720
32	Basti ..	1,067,501	1,010,523	2,078,024	30,593	27,458	58,051
33	Azamgarh ..	797,960	773,617	1,571,577	25,839	23,483	49,322
	KUMAUN DIVISION						
34	Naini Tal ..	162,337	114,949	277,286	4,594	4,386	8,980
35	Almora ..	292,004	291,298	583,302	12,739	12,516	25,255
36	Garhwal ..	257,987	275,898	533,885	11,181	10,693	21,874
	LUCKNOW DIVISION						
37	Lucknow ..	432,865	354,607	787,472	16,560	15,491	32,051
38	Unao ..	452,825	402,875	855,700	12,365	10,726	23,091
39	Rae Bareilly ..	493,730	480,397	974,127	11,351	9,722	21,073
40	Sitapur ..	621,993	545,146	1,167,139	22,062	19,828	41,890
41	Hardoi ..	608,391	519,235	1,127,626	21,372	19,830	41,202
42	Kheri ..	504,665	439,814	944,479	18,075	16,036	34,111
	FYZABAD DIVISION						
43	Fyzabad ..	610,051	594,738	1,204,789	18,231	15,779	34,010
44	Gonda ..	806,532	769,471	1,576,003	25,466	21,811	47,277
45	Bahraich ..	592,716	543,632	1,136,348	19,537	17,242	36,779
46	Sultanpur ..	519,311	531,973	1,051,284	15,325	12,945	28,270
47	Partabgarh ..	441,992	464,241	906,233	11,903	10,206	22,109
48	Bara Banki ..	554,803	508,976	1,063,779	18,545	16,346	34,891
	Total for the Province..	25,445,006	22,963,757	48,408,763	888,045	790,027	1,678,072

FORM No. I

United Provinces during the year 1932

5			6	7	8	9			10
Ratio of births per 1,000 of population			Number of males born to every 100 females born	Excess of births over deaths per 1,000 of population	Excess of deaths over births per 1,000 of population	Mean ratio of births per 1,000 during previous five years			Number
Male	Female	Total				Male	Female	Total	
15.89	13.84	29.73	114.78	6.83	..	14.90	13.50	28.40	1
22.17	19.41	41.58	114.22	10.82	..	24.10	21.41	45.51	2
22.35	19.59	41.94	114.11	20.82	..	22.59	19.38	41.67	3
21.34	18.48	39.82	115.48	18.97	..	21.32	18.45	39.77	4
23.63	20.66	44.29	114.42	16.79	..	23.79	21.24	45.03	5
19.40	17.09	36.55	113.86	12.55	..	22.55	21.00	43.55	6
20.44	17.95	38.39	114.14	17.25	..	19.38	17.07	36.45	7
21.96	19.42	41.38	113.04	18.04	..	23.52	21.31	44.83	8
16.76	13.70	30.46	122.33	11.16	..	17.44	14.50	31.94	9
18.85	16.13	34.98	116.81	12.56	..	19.47	17.13	36.60	10
22.90	20.59	43.49	111.19	7.29	..	23.49	21.17	44.66	11
22.72	20.08	42.80	113.17	11.82	..	24.74	22.03	46.77	12
23.26	21.03	44.29	110.47	12.01	..	23.06	20.90	43.96	13
24.96	22.92	47.88	108.89	15.97	..	26.00	23.77	49.77	14
22.57	20.45	43.02	110.42	11.92	..	23.39	21.37	44.76	15
23.28	20.84	44.12	111.67	12.09	..	22.81	20.50	43.40	16
20.94	18.30	39.24	114.42	11.12	..	21.59	19.24	40.83	17
17.97	15.82	33.79	113.67	9.77	..	19.95	17.57	37.52	18
15.14	13.29	28.43	113.97	9.26	..	16.43	14.13	30.56	19
18.01	15.73	33.74	114.47	15.27	..	18.34	16.22	34.56	20
15.07	13.33	28.40	113.14	10.92	..	16.64	14.79	31.43	21
22.46	20.02	42.48	112.11	12.62	..	23.59	21.32	44.91	22
19.42	17.28	36.80	111.72	12.26	..	20.54	18.51	39.05	23
19.08	16.37	35.45	116.56	4.34	..	21.63	19.22	40.85	24
16.65	14.18	30.83	117.35	9.05	..	17.67	15.09	32.76	25
19.64	17.72	37.36	110.85	12.00	..	20.63	19.03	39.66	26
18.20	16.67	34.87	109.21	13.18	..	19.92	18.34	38.26	27
14.04	12.36	26.40	113.66	10.63	..	15.64	13.51	29.15	28
17.13	15.97	33.10	107.29	13.98	..	17.61	15.77	33.38	29
15.37	12.89	28.26	119.17	15.19	..	16.29	13.89	30.18	30
16.13	14.90	31.03	108.30	15.91	..	17.58	16.17	33.75	31
14.72	13.21	27.93	111.42	10.84	..	16.47	14.70	31.17	32
16.44	14.94	31.38	110.03	12.46	..	17.43	15.77	33.20	33
16.57	15.82	32.39	104.74	2.69	..	16.22	14.78	31.00	34
21.84	21.46	43.30	101.78	21.38	..	22.46	21.85	44.31	35
20.94	20.03	40.97	104.56	14.77	..	22.06	21.75	43.81	36
21.03	19.67	40.70	106.90	12.33	..	20.34	18.87	39.21	37
14.45	12.53	26.98	115.28	6.32	..	16.57	14.37	30.94	38
11.65	9.98	21.63	116.75	7.27	..	13.92	11.87	25.79	39
18.90	16.99	35.89	111.27	10.77	..	19.24	17.00	36.24	40
18.95	17.59	36.54	107.78	10.13	..	19.25	17.32	36.57	41
19.14	16.98	36.12	112.71	11.43	..	19.31	16.84	36.15	42
15.13	13.10	28.23	115.54	10.34	..	16.34	14.38	30.72	43
16.16	13.84	30.00	116.76	11.96	..	14.63	12.46	27.09	44
17.19	15.17	32.36	113.31	8.64	..	18.48	16.21	34.69	45
14.58	12.31	26.89	118.38	11.67	..	16.30	14.07	30.37	46
13.13	11.26	24.39	116.63	10.17	..	15.63	13.42	29.05	47
17.43	15.37	32.80	113.45	11.74	..	17.06	14.95	32.01	48
18.34	16.32	34.66	112.41	12.43	..	19.27	17.17	36.44	

Births and deaths registered in the district.

1	2	3	4	5			6		7		
Number	District	Area in square miles	Average population per square mile	Population (according to census of 1931)			Births		Number of deaths registered		
				Male	Female	Total	Total number	Birth-rate per 1,000 of population	Male	Female	Total
MEERUT DIVISION											
1	Dehra Dun ..	1,189	194	137,569	92,678	230,247	6,845	29.73	2,853	2,535	5,388
2	Saharanpur ..	2,133	489	573,810	470,110	1,043,920	42,409	41.58	16,878	15,233	32,111
3	Muzaffarnagar ..	1,654	541	489,306	405,356	894,662	37,521	41.94	10,188	8,710	18,898
4	Meerut ..	2,293	699	871,257	730,651	1,601,918	63,830	39.82	17,483	15,922	33,405
5	Bulandshahr ..	1,911	595	603,978	532,907	1,136,885	50,352	44.29	16,102	15,168	31,270
AGRA DIVISION											
6	Aligarh ..	1,947	602	636,037	535,708	1,171,745	42,822	36.55	14,838	13,268	28,126
7	Muttra ..	1,450	461	361,292	303,782	668,074	25,646	38.39	7,556	6,569	14,125
8	Agra ..	1,849	567	572,958	475,858	1,048,316	43,379	41.38	12,910	11,559	24,469
9	Mainpuri ..	1,674	448	412,600	337,033	749,633	22,827	30.46	8,196	6,975	14,471
10	Etah ..	1,718	501	463,414	394,064	860,478	30,100	34.98	10,408	8,884	19,292
ROHILKHAND DIVISION											
11	Bareilly ..	1,579	679	579,860	492,519	1,072,379	46,642	43.49	20,830	17,987	38,817
12	Bijnor ..	1,793	466	443,667	391,802	835,469	35,757	42.80	13,407	12,479	25,886
13	Budaun ..	2,010	503	546,519	463,651	1,010,130	44,738	44.29	17,703	14,908	32,611
14	Moradabad ..	2,289	561	687,850	596,258	1,284,108	61,487	47.88	21,358	19,613	40,971
15	Shahjahanpur ..	1,766	513	493,101	412,030	905,131	38,938	43.02	15,347	12,802	28,149
16	Pilibhit ..	1,349	333	240,790	208,018	448,838	19,802	44.12	7,934	6,442	14,376
ALLAHABAD DIVISION											
17	Farrukhabad ..	1,643	534	480,178	397,214	877,392	34,428	39.24	13,476	11,900	24,676
18	Etawah ..	1,689	442	413,071	332,934	746,005	25,211	33.79	10,030	7,897	17,917
19	Cawnpore ..	2,368	512	669,817	542,436	1,212,253	34,454	28.43	12,910	10,210	23,120
20	Fatehpur ..	1,642	419	361,406	327,383	688,789	23,240	33.74	7,006	5,714	12,720
21	Allahabad ..	2,847	524	767,405	721,508	1,491,913	42,368	28.40	14,424	11,656	26,080
JHANSI DIVISION											
22	Jhansi ..	3,619	191	357,551	332,862	690,413	29,335	42.48	11,274	9,362	20,616
23	Jalaun ..	1,549	275	223,326	202,696	426,022	15,676	36.80	5,773	4,681	10,454
24	Hamirpur ..	2,438	206	257,028	245,661	502,689	17,823	35.45	8,765	6,885	15,650
25	Banda ..	2,864	218	322,927	302,844	625,771	19,292	30.83	7,835	5,744	13,629
BENARES DIVISION											
26	Benares ..	1,093	930	525,030	491,348	1,016,378	37,978	37.36	13,445	12,334	25,779
27	Mirzapur ..	4,368	180	394,465	393,944	788,409	27,493	34.87	9,062	8,040	17,102
28	Jaunpur ..	1,550	797	612,908	623,163	1,236,071	32,630	26.40	10,842	8,652	19,494
29	Ghazipur ..	1,302	634	422,857	402,114	824,971	27,310	33.10	8,284	7,530	15,814
30	Ballia ..	1,231	742	469,068	444,022	913,090	25,803	28.26	6,346	5,587	11,933
GORAKHPUR DIVISION											
31	Gorakhpur ..	4,534	787	1,830,288	1,737,273	3,567,561	110,720	31.03	29,538	24,407	53,945
32	Basti ..	2,819	737	1,067,501	1,010,523	2,078,024	58,051	27.93	19,028	16,434	35,512
33	Azamgarh ..	2,212	710	797,960	773,617	1,571,577	49,322	31.38	15,836	13,893	29,729
KUMAUN DIVISION											
34	Naini Tal ..	2,721	102	162,337	114,949	277,286	8,980	32.39	4,352	3,835	8,237
35	Almora ..	5,389	108	292,004	291,298	583,302	25,255	13.30	6,327	6,462	12,789
36	Garhwal ..	5,612	95	257,987	275,898	533,885	21,874	40.97	6,970	7,020	13,990
LUCKNOW DIVISION											
37	Lucknow ..	967	814	432,865	354,607	787,472	32,051	40.70	11,980	10,360	22,340
38	Unao ..	1,787	479	452,825	402,875	855,700	23,091	26.98	10,012	7,665	17,677
39	Rae Bareilly ..	1,749	557	493,730	480,397	974,127	21,073	21.63	7,876	6,114	13,990
40	Sitapur ..	2,246	520	621,993	545,146	1,167,139	41,890	35.89	15,965	13,352	29,317
41	Hardoi ..	2,323	485	608,391	519,235	1,127,626	41,202	36.54	16,509	13,275	29,784
42	Kheri ..	2,968	318	504,665	439,814	944,479	34,111	36.12	12,982	10,341	23,323
FYZABAD DIVISION											
43	Fyzabad ..	1,723	699	610,051	594,733	1,204,789	34,010	28.28	11,554	10,005	21,559
44	Gonda ..	2,842	555	806,532	769,471	1,576,003	47,277	30.00	15,648	12,791	28,439
45	Bahraich ..	2,639	431	592,716	543,632	1,136,348	36,779	32.36	14,621	12,330	26,951
46	Sultanpur ..	1,712	614	519,311	531,973	1,051,284	28,270	26.89	8,938	7,067	16,005
47	Partabgarh ..	1,442	528	441,992	464,241	906,233	22,109	24.39	7,163	5,722	12,885
48	Bara Banki ..	1,756	606	554,803	508,976	1,063,779	34,891	32.80	12,333	10,071	22,404
Total for the Province		106,248	456	25,445,066	22,963,757	48,408,763	1,678,072	34.66	5,81,125	4,95,100	1,076,225

NOTE.—These born dead are not included.

FORM No. II

of the United Provinces during the year 1932

8	9											10			11
of males to every 100 deaths of females	Deaths per 1,000 of population from -											Mean ratio of deaths per 1,000 during previous five years			Number
	Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	All other causes	All causes.			Male	Female	Total	
									Male	Female	Total				
112.54	.31	.16	..	15.28	1.05	2.95	.24	3.40	20.74	27.35	23.40	20.46	26.64	22.92	1
110.80	.03	.01	2.30	25.29	.40	.76	.27	1.63	29.41	32.40	30.76	30.54	34.96	32.53	2
116.97	.02	.11	.28	19.20	.23	.32	.33	.73	20.82	21.49	21.12	23.15	24.82	23.91	3
109.80	.12	.03	..	19.32	.15	.56	.21	.46	20.07	21.79	20.85	22.81	23.66	23.20	4
106.16	.11	.01	..	25.85	.24	.55	.25	.48	26.66	28.46	27.50	26.45	26.86	26.65	5
111.66	.58	..	.07	19.04	.58	.83	.28	2.62	33.33	24.80	24.00	24.30	25.98	25.07	6
115.02	.11	..	..	18.22	.34	.80	.19	1.48	20.74	21.62	21.14	21.81	22.90	22.30	7
111.69	.01	..	..	14.60	.73	3.01	.66	4.32	22.53	24.32	23.34	25.15	27.05	26.06	8
130.61	.02	..	..	18.25	..	.03	.46	.53	19.86	18.62	19.30	20.12	18.79	19.53	9
117.15	.26	..	.43	19.16	.20	.28	.52	1.56	22.31	22.54	22.42	22.03	21.38	21.73	10
115.80	1.29	..	1.30	39.41	.22	1.02	.48	2.47	35.92	36.52	36.20	33.15	37.98	36.99	11
107.44	.09	.02	2.43	23.35	.38	.28	.49	3.94	30.23	31.85	30.98	33.97	35.37	34.63	12
118.75	.64	..	.87	28.43	.19	.47	.67	1.00	32.39	32.15	32.28	28.19	29.49	28.79	13
108.90	.20	.05	.55	26.61	.83	1.75	.33	1.58	31.05	32.89	31.91	32.72	36.27	34.38	14
119.88	.69	..	.45	24.83	.31	.58	.30	3.94	31.12	31.07	31.10	33.25	33.64	33.43	15
123.16	.07	..	.53	26.24	.20	.70	.50	3.74	32.95	30.96	32.03	39.93	39.02	39.50	16
120.32	.04	.04	..	22.42	.41	.88	.46	3.88	28.06	28.20	23.12	26.66	27.18	26.90	17
127.17	.05	..	..	18.85	.13	.45	.45	4.08	24.28	23.69	24.02	22.73	22.94	22.85	18
126.44	.09	.01	..	12.33	.42	3.27	.36	2.59	19.27	18.82	19.07	21.37	22.58	21.91	19
122.61	.05	.01	..	12.77	.07	.44	.50	4.62	19.38	17.45	18.47	20.30	18.88	19.63	20
123.75	.06	..	..	12.30	.17	.86	.41	3.68	18.79	16.09	17.48	22.29	20.15	21.25	21
120.21	..	..	..	23.30	.22	.70	.55	5.09	31.47	28.12	29.86	35.55	35.20	35.39	22
123.33	.07	..	..	18.67	.10	1.27	.32	4.11	25.85	23.94	24.54	24.95	23.83	24.42	23
127.30	.76	..	..	33.09	.09	5.97	.60	.60	34.10	28.03	31.11	32.04	28.97	30.53	24
137.27	.33	..	..	16.87	.02	.10	.52	3.48	24.42	18.97	21.78	25.23	22.02	23.66	25
109.01	.53	.15	.58	15.79	.78	1.92	.56	5.53	25.61	25.10	25.36	30.22	29.31	29.76	26
112.71	.29	.08	..	16.32	.14	.27	.43	4.15	22.97	20.41	21.69	26.57	24.11	25.34	27
125.31	.13	.10	.15	11.70	.06	.12	.52	2.98	17.69	13.88	15.77	23.05	18.90	20.96	28
110.01	.21	.68	1.87	13.06	.05	.08	.52	2.69	19.59	18.73	19.17	26.52	25.94	26.24	29
113.68	.18	.10	.93	8.64	.31	.10	.39	2.32	13.53	12.58	13.07	21.98	20.44	21.23	30
121.02	.31	.11	.87	11.41	.03	.15	.45	1.75	16.14	14.49	15.12	22.41	20.12	21.28	31
115.43	.16	.06	1.44	12.11	.04	.05	.29	2.94	17.82	16.31	17.09	22.56	21.23	21.91	32
113.98	.20	.23	1.07	13.77	.09	.21	.62	2.73	19.84	17.96	18.92	26.20	25.23	25.72	33
112.02	.02	..	.39	25.49	.48	1.55	.38	1.38	26.81	33.80	29.70	30.09	37.27	33.10	34
97.91	..	.02	..	19.03	1.03	.81	.29	.75	21.67	22.18	21.92	24.54	24.17	24.35	35
99.29	.37	..	..	20.05	3.86	.85	.38	.69	27.02	25.44	26.20	30.04	27.67	28.81	36
115.64	.14	.11	..	15.83	.66	4.27	.33	6.98	27.68	29.21	28.37	32.46	35.92	34.04	37
30.62	.01	.01	..	18.15	.10	.23	.37	1.78	22.11	19.02	20.66	22.60	20.67	21.69	38
28.82	.07	.03	..	12.73	.04	.19	.38	.92	15.95	12.73	14.36	19.65	16.82	18.25	39
19.57	.03	.01	.19	21.73	.08	.14	.45	2.46	25.67	24.49	25.12	23.86	23.38	23.64	40
24.36	.19	..	.17	23.02	.12	.14	.40	2.37	27.13	25.57	26.41	23.63	23.14	23.40	41
25.54	.23	.08	.12	21.84	.04	.07	.44	1.88	25.72	23.51	24.69	27.79	25.97	26.94	42
115.48	.14	.07	.99	13.20	.17	.27	.31	2.75	18.94	16.82	17.89	25.43	22.71	24.07	43
22.34	.02	.01	..	15.59	.04	.08	.42	1.88	19.40	16.62	18.04	18.47	16.28	17.40	44
18.58	.02	.04	..	18.57	.04	.13	.41	4.49	24.67	22.68	23.72	24.63	23.09	23.89	45
26.47	.02	.01	.01	12.51	.02	.08	.42	2.16	17.12	13.28	15.22	26.45	22.54	24.16	46
25.18	.07	..	..	12.19	.02	.11	.40	1.42	16.21	12.32	14.22	22.93	18.14	20.54	47
22.46	.07	.05	..	17.65	.07	.16	.45	2.61	22.23	19.79	21.06	24.01	22.41	23.24	48
17.37	.20	.06	.44	17.63	.26	.70	.42	2.52	22.84	21.56	22.23	25.39	24.64	25.03	

this or any other statements.

Deaths registered in the towns (having a population of 10,000 and upwards)
each month of

1	2					
Num- ber	Districts and Towns	January	February	March	April	May
A.—RURAL DISTRICTS						
MEERUT DIVISION						
1	Dehra Dun	325	356	374	332	380
2	Saharanpur	1,993	2,096	2,819	2,700	2,320
3	Muzaffarnagar	1,342	1,036	1,226	1,663	1,790
4	Meerut	2,455	1,952	2,151	2,857	3,239
5	Bulandshahr	2,016	1,727	1,901	2,277	2,495
AGRA DIVISION						
6	Aligarh	2,047	1,916	1,651	1,986	2,094
7	Muttra	953	827	745	863	1,024
8	Agra	1,319	1,103	1,168	1,278	1,493
9	Mainpuri	1,570	1,116	968	1,247	1,055
10	Etah	1,540	1,275	1,298	1,605	1,563
ROHILKHAND DIVISION						
11	Bareilly	3,483	3,475	2,688	3,262	2,340
12	Bijnor	2,088	1,624	2,021	2,310	1,863
13	Budaun	2,805	2,234	2,581	3,184	2,088
14	Moradabad	3,086	2,680	2,957	3,129	3,003
15	Shahjahanpur	1,959	2,046	1,751	1,959	1,992
16	Pilibhit	1,176	1,015	846	1,222	1,046
ALLAHABAD DIVISION						
17	Farrukhabad	1,872	1,556	1,556	1,982	1,836
18	Etawah	1,561	1,585	1,187	1,155	1,110
19	Cawnpore	1,443	1,168	1,398	1,393	1,229
20	Fatehpur	1,326	1,122	1,031	993	868
21	Allahabad	2,289	2,119	1,619	1,701	1,564
JHANSI DIVISION						
22	Jhansi	1,685	1,273	1,142	1,111	1,231
23	Jalaun	702	882	503	691	562
24	Hamirpur	1,319	1,142	1,159	753	786
25	Banda	1,570	1,163	1,209	852	762
BENARES DIVISION						
26	Benares	1,420	1,210	1,247	1,179	1,015
27	Mirzapur	1,317	1,180	1,207	1,094	1,209
28	Jaunpur	1,939	1,595	1,744	1,504	1,651
29	Ghazipur	1,660	1,249	1,509	1,143	951
30	Ballia	1,223	880	939	756	809
GORAKHPUR DIVISION						
31	Gorakhpur	5,221	4,366	4,144	4,371	3,304
32	Basti	3,570	3,173	2,940	2,837	2,450
33	Azamgarh	2,611	2,523	2,779	2,583	2,301
KUMAUN DIVISION						
34	Naini Tal	679	587	774	730	688
35	Almora	514	1,196	872	1,289	1,526
36	Garhwal	711	814	1,567	1,137	1,600
LUCKNOW DIVISION						
37	Lucknow	1,216	1,138	1,465	1,726	1,158
38	Unao	1,798	1,815	1,521	1,300	1,905
39	Rae Bareilly	1,231	1,137	1,501	1,413	1,422
40	Sitapur	2,026	1,781	2,001	2,594	2,719
41	Hardoi	2,644	2,068	1,841	2,287	2,251
42	Kheri	1,696	1,323	1,333	1,921	2,126
FYZABAD DIVISION						
43	Fyzabad	2,340	1,960	1,605	1,508	1,937
44	Gonda	1,928	1,749	1,580	1,965	2,181
45	Bahraich	1,510	1,809	2,794	2,716	2,107
46	Sultanpur	1,320	1,181	1,411	1,212	1,568
47	Partabgarh	1,473	904	1,262	1,074	1,073
48	Bara Banki	1,677	1,638	1,883	2,212	2,097
	Total of Rural Districts	85,628	75,854	78,268	83,056	79,840
	*Ratio per mille	22.63	21.43	20.69	22.69	21.10

* Ratios have been calculated with reference to the number of days in each month.

FORM No. III

and districts (exclusive of such towns) of the United Provinces during the year 1932

3							4	5
June	July	August	September	October	November	December	Total deaths registered during the year	Number
422	324	293	352	324	262	282	4,026	1
2,397	1,407	1,344	1,823	2,402	2,453	1,793	25,547	2
1,775	1,372	1,089	1,322	1,473	1,758	1,339	17,235	3
4,062	2,327	2,023	2,093	2,479	2,656	1,910	30,204	4
3,566	2,475	1,895	2,666	2,278	2,317	2,208	27,821	5
2,571	1,880	1,457	2,492	2,244	1,707	1,585	23,630	6
1,391	827	688	869	969	1,020	970	11,146	7
1,990	1,425	1,103	1,432	1,407	1,249	1,363	16,330	8
1,489	1,235	796	1,219	1,069	1,012	1,449	14,225	9
1,870	1,522	1,215	1,407	1,569	1,327	1,174	17,365	10
2,436	1,907	2,195	3,124	3,116	2,839	2,828	33,693	11
1,772	1,186	1,187	1,823	2,278	2,057	1,399	21,588	12
2,775	2,156	1,899	2,625	2,656	2,046	2,630	29,679	13
3,280	2,315	2,114	2,802	2,893	2,708	2,488	33,454	14
2,484	1,989	1,819	2,509	2,440	1,918	2,233	25,099	15
1,039	856	804	1,037	1,011	1,066	1,295	12,413	16
2,038	2,083	1,599	1,961	1,757	1,628	1,843	21,711	17
1,785	1,405	1,190	1,343	1,112	1,273	1,096	15,752	18
1,857	1,432	1,005	1,233	1,228	1,038	993	15,417	19
1,261	923	803	1,054	935	919	894	12,129	20
1,786	1,780	1,586	1,665	1,617	1,673	1,925	21,274	21
2,286	1,134	1,128	1,465	1,590	1,476	1,179	16,700	22
1,069	1,238	982	863	823	905	507	9,727	23
1,709	1,270	1,296	1,670	1,424	1,227	1,165	14,920	24
1,522	1,168	1,009	988	1,110	1,038	940	13,331	25
1,515	1,219	1,526	1,251	1,667	1,312	1,081	15,682	26
1,437	1,515	1,424	1,500	1,314	1,549	1,185	15,931	27
1,557	1,565	1,629	1,551	1,457	1,195	1,351	18,738	28
1,336	1,196	1,233	1,272	1,283	1,067	1,061	14,960	29
1,014	1,257	1,202	849	1,136	727	902	11,694	30
3,971	4,359	4,364	4,401	4,540	4,249	4,400	51,750	31
2,667	2,995	3,029	2,587	2,730	2,886	3,016	34,880	32
2,658	2,291	2,190	2,204	2,292	2,274	2,044	28,750	33
665	444	362	487	462	672	685	7,235	34
1,623	1,313	1,122	977	996	729	632	12,789	35
1,650	1,506	1,395	1,062	915	786	847	13,990	36
1,173	886	942	1,261	953	924	1,026	13,868	37
1,985	1,215	1,019	1,238	1,400	1,148	1,014	17,358	38
1,490	887	769	907	797	900	1,020	13,474	39
2,979	2,300	1,949	2,104	2,185	3,022	2,137	27,797	40
2,543	2,649	2,190	2,812	2,604	2,170	2,220	28,279	41
2,186	2,619	2,092	1,928	2,036	1,629	2,112	23,061	42
2,172	1,593	1,696	1,598	1,337	1,229	976	19,951	43
3,011	3,065	2,166	2,466	2,513	2,217	2,277	27,518	44
2,762	2,212	1,871	1,897	1,862	2,497	1,777	25,814	45
1,492	1,528	1,385	1,307	1,132	1,326	946	15,808	46
1,160	1,097	1,018	774	1,087	1,000	963	12,885	47
2,360	1,965	1,640	1,660	1,474	1,630	1,593	21,829	48
95,938	79,312	70,732	79,930	80,376	76,710	72,753	958,397	
26·20	20·96	18·70	21·83	21·24	20·95	19·23	21·46	

Deaths registered in the towns (having a population of 10,000 and upwards)
each month of

1	2						
Number	Districts	Towns	January	February	March	April	May
		<i>B.—Towns</i>					
1	Dehra Dun ..	Dehra ..	98	85	70	131	105
2		Mussoorie ..	2	3	5	10	9
3		Saharanpur ..	164	148	236	253	264
4		Hardwar-Union ..	72	84	108	166	165
5	Saharanpur ..	Deoband ..	38	24	49	49	66
6		Roorkee ..	50	21	35	42	54
7		Gangoh ..	22	13	20	32	41
8		Manglaur ..	16	12	20	28	23
9		Muzaffarnagar ..	68	46	57	63	84
10	Muzaffarnagar ..	Kairana ..	44	26	41	35	46
11		Kandhla ..	39	22	21	16	24
12		Meerut ..	91	97	129	147	153
13		Hapur ..	58	45	47	71	84
14	Meerut ..	Ghaziabad ..	36	23	38	33	25
15		Sardhana ..	19	6	13	10	18
16		Khurja ..	51	63	56	85	107
17		Bulandshahr ..	47	32	31	37	61
18		Sikandarabad ..	61	37	30	67	80
19	Bulandshahr ..	Debai ..	17	23	21	31	29
20		Jahangirabad ..	19	10	12	29	32
21		Shikarpur ..	28	29	25	43	42
22		Aligarh or Koil ..	109	107	82	113	134
23		Hathras ..	91	94	111	111	150
24	Aligarh ..	Atrauli ..	39	34	37	47	52
25		Sikandra Rao ..	24	23	30	30	26
26		Muttra ..	135	107	115	147	170
27	Muttra ..	Brindaban ..	50	33	43	52	46
28		Agra ..	575	426	456	566	755
29	Agra ..	Pirozabad ..	25	32	28	41	57
30		Mainpuri ..	13	9	5	6	8
31	Mainpuri ..	Shikohabad ..	13	11	9	11	7
32		Kasganj ..	37	39	35	43	61
33		Coron ..	37	26	38	41	48
34	Etah ..	Etah ..	24	18	27	43	27
35		Jalesar ..	53	42	38	37	40
36		Bareilly ..	280	255	406	585	254
37	Bareilly ..	Aonla ..	43	37	36	44	48
38		Najibabad ..	51	31	46	69	63
39		Nagina ..	46	36	50	52	57
40		Bijnor ..	54	32	54	46	69
41		Kiratpur ..	44	32	45	55	65
42	Bijnor ..	Serkot ..	26	18	26	37	34
43		Chandpur ..	55	69	138	132	89
44		Seohara ..	17	20	16	15	12
45		Nehtaur ..	6	14	10	21	18
46		Dhampur ..	29	28	18	22	21
47		Budaun ..	130	114	128	121	111
48	Budaun ..	Sahaswan ..	56	47	47	75	70
49		Ujhani ..	17	21	38	52	39
50		Moradabad ..	281	281	274	315	277
51		Amroha ..	133	103	113	113	134
52	Moradabad ..	Sambhal ..	114	85	102	100	118
53		Chandausi ..	48	45	60	63	81
54		Hasanpur ..	19	12	21	14	20
55		Shahjahanpur ..	138	105	187	149	156
56	Shahjahanpur ..	Tilhar ..	50	48	50	60	80
57		Pilibhit ..	91	103	101	136	161
58	Pilibhit ..	Bisalpur ..	63	50	81	58	45
59		Farrukhabad-cum-Fatehgarh ..	156	145	139	199	249
60	Farrukhabad ..	Kanauj ..	33	39	34	31	35
61	Etawah ..	Etawah ..	125	111	124	187	244

FORM No. III

and districts (exclusive of such towns) of the United Provinces during the year 1932

3							4	5
June	July	August	September	October	November	December	Total deaths registered during the year	Number
126	129	117	84	113	93	119	1,270	1
18	17	7	6	10	2	3	92	2
354	230	297	300	338	306	258	3,118	3
210	89	142	183	170	134	159	1,682	4
94	47	73	67	58	73	48	686	5
68	34	34	40	47	44	28	497	6
39	17	34	48	35	24	33	358	7
25	15	12	18	21	22	11	223	8
101	55	66	104	94	96	68	902	9
36	45	50	46	49	46	48	512	10
24	13	24	15	14	25	12	249	11
249	111	111	184	167	153	134	1,706	12
123	44	74	62	91	99	50	848	13
77	27	28	54	24	33	50	448	14
35	21	16	14	15	14	18	199	15
126	80	79	101	97	103	76	1,024	16
87	32	54	80	46	77	39	623	17
85	53	57	49	32	67	31	649	18
33	24	27	64	31	25	32	357	19
59	24	31	27	33	35	25	336	20
54	28	39	41	45	45	41	460	21
215	112	115	297	199	154	122	1,759	22
219	119	132	244	213	164	122	1,770	23
48	38	57	126	62	42	28	610	24
31	19	24	60	40	25	25	357	25
233	147	190	284	275	222	197	2,222	26
60	39	62	94	84	94	100	757	27
960	556	488	842	686	666	606	7,582	28
85	33	44	80	46	42	44	557	29
4	6	9	10	10	11	10	101	30
29	13	9	19	15	7	2	145	31
57	27	42	98	45	26	37	552	32
33	28	50	59	49	34	41	484	33
38	26	38	56	86	34	20	437	34
54	28	30	31	43	27	31	454	35
405	292	329	654	484	282	311	4,537	36
62	26	39	78	58	78	38	587	37
75	37	48	86	63	65	36	670	38
70	45	55	79	61	68	45	664	39
70	29	40	48	54	53	42	591	40
48	28	57	73	59	62	46	614	41
24	14	14	52	30	36	22	333	42
48	31	39	41	50	47	25	764	43
6	6	18	28	29	21	18	206	44
11	4	12	12	6	16	18	148	45
24	20	29	35	28	28	26	308	46
187	126	224	312	172	110	120	1,855	47
81	39	54	81	44	59	56	709	48
50	23	19	33	18	23	35	368	49
406	210	319	301	254	312	228	3,458	50
161	69	130	167	123	123	114	1,473	51
172	106	107	163	149	112	116	1,444	52
124	45	78	140	91	84	61	920	53
32	11	25	24	13	12	19	222	54
192	203	169	348	305	152	133	2,232	55
99	52	68	104	80	68	59	818	56
136	93	160	149	110	117	82	1,439	57
35	23	32	45	43	24	25	524	58
300	151	229	297	225	261	204	2,555	59
49	24	33	44	28	26	24	410	60
308	120	202	228	186	180	150	2,165	61

Paragraph 17 of Chapter XI.]

ANNUAL

Deaths registered in the towns (having a population of 10,000 and upwards)
each month of

1	2						
Number	Districts	Towns	January	February	March	April	May
		<i>B.—Towns—(concid.)</i>					
62	Cawnpore	Cawnpore	491	409	454	577	640
63	Fatehpur	Fatehpur	47	44	59	36	45
64	Allahabad	Allahabad	339	280	313	364	366
65		Jhansi..	184	133	158	174	205
66	Jhansi	Garhia Phatak	33	20	22	39	58
67		Lalitpur	42	37	26	30	40
68		Mau ..	47	43	37	48	74
69		Kunch..	38	22	23	31	39
70	Jalaun	Orai ..	24	19	19	10	19
71		Mahoba	19	15	13	14	6
72	Hamirpur	Rath ..	30	20	29	24	38
73		Banda ..	23	23	22	18	13
74	Benares	Benares	674	656	717	754	1080
75	Mirzapur	Mirzapur-Bindhachal	75	88	70	68	99
76	Jaunpur	Jaunpur	47	56	50	80	62
77		Ghazipur	37	28	40	59	33
78	Ghazipur	Reotipur	13	7	18	21	18
79		Gahmar	9	14	31	20	18
80	Ballia	Ballia ..	14	14	15	20	21
81		Gorakhpur	158	126	158	137	120
82	Gorakhpur	Gaura Barhaj	8	31	34	35	35
83		Gorakhpur (Notified Area).	7	11	18	11	14
84	Basti	Basti ..	26	33	31	37	34
85		Mehndawal	23	23	8	24	25
86		Mau ..	39	46	62	70	44
87	Azamgarh	Azamgarh	29	28	37	28	36
88		Mubarakpur	12	12	21	13	7
89		Haldwani-Kathgo-	23	13	21	25	22
90		dam-Ranibagh.					
91	Naini Tal	Kashipur	79	73	70	43	52
92		Naini Tal	9	13	15	30	16
93	Lucknow	Lucknow	628	521	526	616	711
94	Unao	Unao ..	38	17	18	24	23
95	Rae Bareli	Rae Bareli	33	37	41	44	47
96		Sitapur	36	49	49	71	85
97	Sitapur	Khairabad	13	11	24	33	57
98		Laharpur	12	18	7	19	15
99		Shahabad	8	13	17	26	36
100	Hardoi	Hardoi	24	16	21	20	36
101		Sandila	34	33	31	41	72
102		Mallawan	18	23	20	28	22
103	Kheri	Lakhimpur	19	21	18	23	32
104	Fyzabad	Fyzabad-Ajodhya..	62	135	72	61	91
105		Tanda ..	38	28	54	59	66
106		Balrampur	32	32	46	59	51
107	Gonda	Gonda ..	23	22	11	22	27
108		Bahraich	40	48	43	43	84
109	Bahraich	Nanpara	30	18	32	41	53
110	Sultanpur	Sultanpur	10	15	7	16	17
111	Bara Banki	Nawabganj	19	19	16	17	23
		Rudauli	25	17	17	22	41
		Total of Towns ..	8,076	7,161	8,123	9,532	10,464
		Ratio per mille for Towns*.	25.47	24.14	25.61	31.06	33.00
		Total for the Province.	93,704	83,015	86,391	92,538	90,304
		Ratio per mille for the Province*.	22.35	21.64	21.07	23.33	22.02

* Ratios have been calculated with reference to the number of days in each month.

FORM No. III

and districts (exclusive of such towns) of the United Provinces during the year 1932

3							4	5
June	July	August	September	October	November	December	Total deaths registered during the year	Number
1,042	53	705	915	719	551	647	7,703	62
81	45	45	61	43	43	42	591	63
509	423	466	514	432	427	373	4,806	64
312	148	215	232	232	220	187	2,350	65
72	24	41	51	41	52	22	475	66
39	33	45	45	53	53	35	477	67
82	28	82	66	71	38	48	614	68
88	25	31	47	42	28	35	449	69
42	16	21	37	29	21	21	273	70
39	10	28	40	30	14	15	234	71
57	26	61	77	64	38	32	496	72
66	15	33	37	19	12	17	298	73
1,235	836	954	968	830	715	728	10,097	74
83	99	119	115	123	167	65	1,171	75
104	46	77	78	62	45	49	756	76
59	33	46	40	48	37	31	491	77
22	5	17	10	13	11	14	169	78
19	10	16	16	19	16	6	194	79
54	21	12	19	21	13	15	239	80
198	143	156	188	121	103	106	1,714	81
28	34	33	29	23	29	28	347	82
15	12	8	13	12	3	10	134	83
54	36	27	29	20	21	19	377	84
12	15	43	23	15	22	22	255	85
44	33	34	18	38	22	21	471	86
33	26	31	34	27	37	20	366	87
14	13	8	9	10	11	12	142	88
16	10	15	21	19	33	23	241	89
38	23	23	33	37	29	27	527	90
29	24	20	19	17	22	20	234	91
1,061	680	798	762	671	718	780	8,472	92
28	15	30	37	34	34	21	319	93
52	41	39	46	37	38	61	516	94
132	71	102	85	67	62	42	851	95
55	33	48	38	43	29	27	411	96
38	21	29	29	37	19	14	258	97
34	17	20	66	33	37	43	360	98
15	25	20	36	20	32	13	273	99
73	38	64	56	53	35	36	566	100
25	20	9	35	18	66	17	301	101
39	26	38	34	21	23	28	322	102
103	60	84	69	111	132	90	1,070	103
55	37	45	37	36	48	35	538	104
64	60	81	48	51	50	31	605	105
67	23	23	30	18	19	21	316	106
135	55	80	60	53	73	43	762	107
49	30	17	26	34	16	19	375	108
27	22	22	20	13	16	12	197	109
39	33	41	23	24	25	9	291	110
33	31	20	21	9	20	28	284	111
13,865	8,231	10,173	12,346	10,759	9,807	8,791	117,823	
45.13	25.96	32.08	41.86	33.93	31.96	27.72	31.47	
109,803	87,543	80,905	92,776	91,135	86,517	81,544	1,076,225	
27.67	21.35	19.73	23.38	22.23	21.80	19.89	22.23	

Deaths registered **according to age** in the towns (having a population of Provinces during the

Number	Districts	Not exceeding one month						Total
		Male			Female			
		Under one week	Over one week	Total	Under one week	Over one week	Total	
A.—Rural Districts								
MEERUT DIVISION								
1	Dehra Dun ...	117	63	183	93	44	137	320
2	Saharanpur ...	645	538	1,223	621	448	1,069	2,292
3	Muzaffarnagar ...	430	436	866	327	374	701	1,567
4	Meerut ...	870	638	1,508	750	561	1,311	2,819
5	Bulandshahr ...	696	554	1,250	617	525	1,142	2,392
AGRA DIVISION								
6	Aligarh ...	689	411	1,100	572	324	896	1,996
7	Muttra ...	272	232	504	220	165	385	889
8	Agra ...	587	317	904	471	263	734	1,638
9	Mainpuri ...	454	298	752	386	224	610	1,362
10	Etah ...	567	297	864	457	231	688	1,552
ROHILKHAND DIVISION								
11	Bareilly ...	1,251	551	1,802	936	450	1,416	3,218
12	Bijnor ...	853	419	1,272	734	381	1,115	2,387
13	Budaun ...	1,018	655	1,673	806	497	1,303	2,976
14	Moradabad ...	1,072	645	1,717	946	558	1,504	3,221
15	Shahjahanpur ...	1,244	422	1,666	1,020	351	1,371	3,037
16	Pilibhit ...	692	221	913	560	160	720	1,633
ALLAHABAD DIVISION								
17	Farrukhabad ...	1,242	326	1,568	1,095	247	1,342	2,910
18	Etawah ...	646	309	955	544	211	755	1,710
19	Cawnpore ...	417	199	616	329	172	501	1,117
20	Fatehpur ...	709	354	1,063	526	267	793	1,856
21	Allahabad ...	1,169	599	1,768	900	415	1,315	3,083
JHANSI DIVISION								
22	Jhansi ...	805	301	1,106	668	271	939	2,045
23	Jalaun ...	373	193	566	338	190	528	1,094
24	Hamirpur ...	654	255	909	454	206	660	1,569
25	Banda ...	440	244	684	369	184	553	1,237
BENARES DIVISION								
26	Benares ...	808	422	1,230	614	289	903	2,133
27	Mirzapur ...	837	340	1,177	675	242	917	2,094
28	Jaunpur ...	768	506	1,274	592	379	971	2,245
29	Ghazipur ...	855	272	1,127	723	217	940	2,067
30	Ballia ...	731	276	1,007	570	195	765	1,772
GORAKHPUR DIVISION								
31	Gorakhpur ...	1,666	1,393	3,059	1,345	1,004	2,349	5,408
32	Basti ...	853	1,518	2,371	687	1,210	1,897	4,268
33	Azamgarh ...	1,317	623	1,940	1,013	499	1,512	3,452
KUMAUN DIVISION								
34	Naini Tal ...	256	155	411	201	138	339	750
35	Almora ...	289	336	625	272	266	538	1,163
36	Garhwal ...	252	278	530	241	208	449	979
LUCKNOW DIVISION								
37	Lucknow ...	672	361	1,033	591	267	858	1,891
38	Unao ...	549	357	906	346	287	633	1,539
39	Rae Bareilly ...	375	223	598	292	175	467	1,065
40	Sitapur ...	992	475	1,467	804	381	1,185	2,652
41	Hardoi ...	950	551	1,501	834	444	1,278	2,779
42	Kheri ...	653	405	1,058	546	287	833	1,891
FYZABAD DIVISION								
43	Fyzabad ...	965	490	1,445	687	358	1,045	2,490
44	Gonda ...	964	630	1,594	784	478	1,262	2,856
45	Bahraich ...	1,228	586	1,814	953	460	1,413	3,227
46	Sultanpur ...	851	381	1,232	618	274	892	2,124
47	Partabgarh ...	516	274	790	378	210	588	1,378
48	Bara Banki ...	1,174	430	1,604	830	373	1,203	2,807
Total of Rural Districts ..		36,473	20,752	57,225	29,365	16,360	45,725	102,950
Ratio per mille ...		...	...	...	...	...	...	...

FORM No. IV

10,000 and upwards) and districts (exclusive of such towns) of the United year 1932

3									4	
Under one year									1 and under 5 years	
Over one month and not exceeding six months			Over six months and not exceeding twelve months			Total			Male	Female
Male	Female	Total	Male	Female	Total	Male	Female	Total		
198	148	346	91	76	167	472	361	833	322	306
1,054	972	2,026	1,246	1,078	2,324	3,523	3,119	6,642	3,017	2,640
943	755	1,698	1,167	939	2,106	2,976	2,395	5,371	2,126	1,739
1,659	1,417	3,076	1,975	1,727	3,702	5,142	4,455	9,597	3,879	3,309
1,498	1,416	2,914	1,515	1,415	2,930	4,263	3,973	8,236	3,925	3,382
824	697	1,521	924	802	1,726	2,848	2,395	5,243	3,078	2,437
484	404	888	416	352	768	1,404	1,141	2,545	1,153	852
677	546	1,223	506	419	925	2,087	1,699	3,786	1,784	1,279
586	481	1,067	442	336	778	1,780	1,427	3,207	1,120	736
582	471	1,053	624	503	1,127	2,070	1,662	3,732	2,154	1,578
1,129	1,012	2,141	1,093	1,023	2,116	4,024	3,451	7,475	4,328	3,657
798	670	1,468	877	810	1,687	2,947	2,595	5,542	3,043	2,686
1,310	1,033	2,343	1,269	1,123	2,392	4,552	3,459	7,711	4,273	3,500
1,436	1,324	2,760	1,702	1,555	3,257	4,855	4,383	9,238	5,207	4,722
989	839	1,828	1,105	1,028	2,133	3,760	3,238	6,998	3,303	2,782
504	397	901	385	315	700	1,802	1,432	3,234	1,410	1,198
845	697	1,542	841	696	1,537	3,254	2,735	5,989	2,418	1,908
641	495	1,136	565	357	922	2,161	1,607	3,768	1,209	893
480	378	858	414	309	723	1,510	1,188	2,698	1,177	819
463	370	833	356	264	620	1,882	1,427	3,309	843	651
730	577	1,307	448	318	766	2,946	2,220	5,166	1,546	1,337
665	562	1,227	524	441	965	2,295	1,942	4,237	1,226	1,152
392	304	696	320	277	597	1,278	1,109	2,387	697	584
459	458	917	442	348	790	1,810	1,466	3,276	1,194	1,012
439	338	777	260	171	431	1,383	1,062	2,445	746	618
683	456	1,139	337	335	672	2,250	1,694	3,944	1,214	1,169
630	528	1,108	396	321	717	2,203	1,766	3,969	1,381	1,429
665	488	1,153	465	325	790	2,404	1,784	4,188	1,223	1,114
500	350	850	310	248	558	1,937	1,538	3,475	1,164	1,173
344	222	566	251	186	437	1,602	1,173	2,775	825	653
2,086	1,352	3,438	1,262	781	2,043	6,407	4,482	10,889	4,235	3,837
1,163	910	2,073	740	622	1,362	4,274	3,429	7,703	3,419	3,179
991	767	1,758	528	407	935	3,459	2,086	6,145	2,359	2,337
329	299	628	195	177	372	935	815	1,750	594	581
478	437	915	412	405	817	1,545	1,380	2,925	738	741
669	613	1,282	684	621	1,305	1,883	1,683	3,566	1,627	1,617
537	426	963	430	409	839	2,000	1,693	3,693	1,033	972
510	414	924	481	391	872	1,897	1,438	3,335	1,340	1,136
324	250	574	236	160	396	1,153	877	2,035	1,068	877
1,031	856	1,887	1,192	964	2,156	3,690	3,005	6,695	3,867	3,285
1,171	943	2,114	1,169	1,007	2,176	3,841	3,228	7,069	3,729	3,124
781	639	1,420	1,108	899	2,007	2,947	2,371	5,318	3,502	2,845
693	568	1,261	527	423	950	2,665	2,036	4,701	1,927	1,760
1,120	868	1,988	979	766	1,745	3,693	2,896	6,589	3,468	2,935
1,143	963	2,106	763	683	1,446	3,720	3,059	6,779	3,454	2,869
490	359	849	433	310	743	2,155	1,561	3,716	1,595	1,347
511	339	850	363	288	651	1,664	1,265	2,929	948	849
849	635	1,484	822	677	1,499	3,275	2,515	5,790	2,387	1,986
87,483	80,493	67,976	33,620	28,097	61,717	128,328	104,315	232,643	102,280	87,595
...	...	...	...	...	...	*160.84	*147.70	*151.67	†	†

* Ratio calculated on births.

† Population not available.

Deaths registered **according to age** in the towns (having a population of Provinces during the

1 Number	3 Districts	5		6		7		8	
		5 and under 10 years		10 and under 15 years		15 and under 20 years		20 and under 30 years	
		Male	Female	Male	Female	Male	Female	Male	Female
A.—Rural Districts— (concl'd.)									
MEERUT DIVISION									
1	Dehra Dun ...	60	76	51	48	97	86	164	252
2	Saharanpur ...	666	544	440	459	480	433	959	1,078
3	Muzaffarnagar ...	336	273	247	192	230	251	439	587
4	Meerut ...	539	400	316	276	340	384	676	1,007
5	Bulandshahr ...	434	414	210	224	305	316	788	965
AGRA DIVISION									
6	Aligarh ...	482	425	326	218	427	466	1,055	1,089
7	Muttra ...	236	192	147	123	215	165	449	499
8	Agra ...	306	238	207	165	273	298	634	772
9	Mainpuri ...	233	158	230	147	354	300	903	845
10	Etah ...	340	265	241	211	338	359	719	827
ROHILKHAND DIVISION									
11	Bareilly ...	829	647	474	365	545	419	1,473	1,471
12	Bijnor ...	537	450	343	262	349	349	758	853
13	Budaun ...	560	473	338	298	393	403	962	1,007
14	Moradabad ...	705	618	373	316	395	333	961	1,105
15	Shahjahanpur ...	454	345	277	234	371	298	844	823
16	Pilibhit ...	266	191	183	138	250	186	630	519
ALLAHABAD DIVISION									
17	Farrukhabad ...	339	243	237	165	321	364	787	896
18	Etawah ...	295	196	260	179	322	329	827	802
19	Cawnpore ...	253	192	234	148	220	233	852	729
20	Fatehpur ...	227	162	141	119	164	174	519	552
21	Allahabad ...	475	373	398	251	362	263	1,006	798
JHANSI DIVISION									
22	Jhansi ...	370	308	247	181	325	232	757	572
23	Jalaun ...	180	135	165	96	220	147	473	415
24	Hamirpur ...	295	222	196	135	255	136	787	547
25	Banda ...	263	211	222	171	281	173	890	584
BENARES DIVISION									
26	Benares ...	460	420	315	288	277	261	636	626
27	Mirzapur ...	447	387	245	205	234	227	800	681
28	Jaunpur ...	608	430	402	329	408	283	926	737
29	Ghazipur ...	445	437	316	300	265	183	612	778
30	Ballia ...	340	326	276	260	236	268	434	580
GORAKHPUR DIVISION									
31	Gorakhpur ...	1,538	1,247	1,128	927	1,019	801	2,652	2,505
32	Basti ...	1,024	924	601	539	666	453	1,374	1,301
33	Azamgarh ...	840	802	553	512	425	480	1,216	1,342
KUMAON DIVISION									
34	Naini Tal ...	169	159	142	85	181	129	422	403
35	Almora ...	311	278	208	228	202	249	387	465
36	Garhwal ...	294	277	149	156	143	204	393	618
LUCKNOW DIVISION									
37	Lucknow ...	294	220	131	156	201	158	574	508
38	Unao ...	432	363	351	227	369	299	758	670
39	Rae Bareilly ...	336	228	232	156	228	182	695	577
40	Sitapur ...	663	511	405	343	334	319	811	925
41	Hardoi ...	588	462	331	275	376	296	892	868
42	Kheri ...	535	388	309	209	344	261	787	789
FYZABAD DIVISION									
43	Fyzabad ...	452	418	313	320	275	252	760	762
44	Gonda ...	577	425	317	212	290	255	880	765
45	Bahraich ...	576	481	349	289	285	282	836	846
46	Sultanpur ...	302	215	167	152	173	181	522	443
47	Partabgarh ...	279	206	229	176	207	134	505	419
48	Bara Banki ...	399	321	228	196	210	238	700	814
Total of Rural Districts		21,639	17,676	14,253	11,661	15,083	13,672	37,893	38,079
Ratio per mille		†	†	†	†	†	†	†	†

† Population not available.

FORM No. IV.

10,000 and upwards) and districts (exclusive of such towns) of the United year 1932—(continued)

9		10		11		12		13		14
30 and under 40 years		40 and under 50 years		50 and under 60 years		60 years and upwards		Total (all ages)		Number
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
179	169	176	129	79	127	447	295	2,177	1,849	1
944	1,009	809	666	882	719	1,749	1,351	13,479	12,068	2
472	537	433	413	577	527	1,473	1,012	9,309	7,926	3
702	861	746	717	987	803	2,564	2,101	15,891	14,313	4
743	890	742	712	914	765	1,987	1,769	14,411	13,410	5
877	914	831	711	1,023	780	1,702	1,546	12,649	10,981	6
449	443	468	404	559	430	1,017	800	6,097	5,049	7
629	633	703	577	835	677	1,428	1,106	8,886	7,444	8
893	703	832	637	800	508	862	707	8,057	6,163	9
756	744	724	597	817	573	1,312	1,075	9,474	7,891	10
1,520	1,334	1,599	1,101	1,503	1,074	2,059	1,315	18,359	15,334	11
680	699	604	571	738	660	1,300	1,164	11,299	10,289	12
987	876	1,064	801	1,248	845	2,188	1,752	16,265	13,414	13
892	919	935	718	1,116	904	2,194	1,803	17,633	15,821	14
849	683	1,049	613	1,184	748	1,758	1,486	13,849	11,250	15
624	425	638	338	565	381	612	625	6,980	5,433	16
924	802	1,041	629	1,153	793	1,527	1,175	12,001	9,710	17
907	739	915	594	981	672	1,056	808	8,933	6,819	18
885	725	1,180	728	1,257	755	1,422	910	8,990	6,427	19
184	547	646	534	683	567	997	705	6,691	5,438	20
1,170	907	1,302	900	1,297	915	1,545	1,263	12,047	9,227	21
854	675	1,097	702	993	693	1,084	995	9,248	7,452	22
583	424	648	429	572	467	564	541	5,380	4,347	23
733	563	1,044	731	974	726	1,082	1,012	8,370	6,550	24
1,009	675	1,090	707	900	634	914	789	7,707	5,624	25
624	576	687	508	669	578	1,227	1,203	8,359	7,323	26
716	624	822	660	692	533	934	945	8,474	7,457	27
942	746	988	715	945	713	1,627	1,414	10,473	8,265	28
661	660	687	518	641	439	1,107	939	7,835	7,125	29
505	483	490	369	481	360	1,031	1,002	6,220	5,474	30
2,672	2,252	2,489	1,829	2,655	2,037	3,660	3,378	28,455	23,295	31
1,526	1,414	1,526	1,051	1,579	1,252	2,313	2,636	18,702	16,178	32
1,326	1,196	1,458	972	1,385	1,060	2,360	1,982	15,381	13,369	33
428	376	380	282	304	261	283	303	3,833	3,397	34
889	450	522	533	713	766	1,321	1,369	6,327	6,462	35
341	515	446	341	569	437	1,122	1,172	6,970	7,020	36
702	522	768	488	699	505	1,258	926	7,660	6,208	37
964	764	1,065	704	1,098	731	1,568	1,184	9,842	7,516	38
827	662	832	604	892	632	1,292	1,069	7,610	5,864	39
966	931	1,066	698	1,169	767	2,247	1,765	15,218	12,579	40
1,090	945	1,372	812	1,412	860	2,103	1,675	15,734	12,545	41
862	758	977	528	937	586	1,605	1,461	12,805	10,196	42
775	716	837	621	980	748	1,730	1,604	10,714	9,237	43
1,036	905	1,205	778	1,185	871	2,532	2,293	15,183	12,335	44
883	828	1,006	648	996	733	1,928	1,743	14,036	11,778	45
730	573	737	459	786	510	1,664	1,506	8,831	6,977	46
625	514	705	498	813	592	1,188	1,069	7,163	5,722	47
869	753	934	655	995	686	2,046	1,622	12,043	9,786	48
40,298	36,059	43,415	30,930	45,377	33,430	73,489	62,925	522,055	436,342	
†	†	†	†	†	†	†	†	22·34	20·48	

† Population not available.

Deaths registered **according to age** in the towns (having a population of ... during the ...)

1	2	3	Not exceeding one month						
Number	Districts	Towns	Male			Female			Total
			Under one week	Over one week	Total	Under one week	Over one week	Total	
		<i>B.—Towns</i>							
1	Dehra Dun ...	Dehra ...	67	56	123	52	35	87	210
2		Mussoorie ...	2	2	4	1	1	2	6
3		Saharanpur ...	109	112	221	95	100	195	416
4	Saharanpur ..	Hardwar-Union ...	62	41	103	50	40	90	193
5		Deoband ...	25	25	50	13	19	32	82
6		Roorkee ...	19	18	37	16	17	33	70
7		Gangoh ...	14	20	34	8	15	23	57
8		Manglaur ...	4	5	9	6	7	13	22
9	Muzaffarnagar	Muzaffarnagar ...	47	26	73	30	27	57	130
10		Kairana ...	21	15	36	15	10	25	61
11		Kandhla ...	7	2	9	6	8	14	23
12	Meerut ...	Meerut ...	28	44	72	18	35	53	125
13		Hapur ...	14	26	40	16	25	41	81
14		Ghaziabad ...	12	20	32	6	12	18	50
15	Bulandshahr	Sardhana ...	2	2	4	3	4	7	11
16		Khurja ...	14	44	58	13	24	37	95
17		Bulandshahr ...	31	13	44	24	16	40	84
18		Sikandrabad ...	13	19	32	9	26	35	67
19		Debai ...	14	6	20	12	11	23	43
20	Aligarh ...	Jahangirabad ...	6	11	17	5	10	15	32
21		Shikarpur ...	28	16	44	18	8	26	70
22		Aligarh or Koil ...	104	55	159	66	48	114	273
23		Hathras ...	38	53	91	30	45	76	167
24		Atrauli ...	31	32	63	20	20	40	103
25	Muttra ...	Sikandra Rao ...	18	13	31	21	19	40	71
26		Muttra ...	101	73	174	81	61	142	316
27		Brindraban ...	21	9	30	22	10	32	62
28	Agra ...	Agra ...	280	294	574	208	207	415	989
29		Firozabad ...	17	28	45	18	23	41	86
30	Mainpuri ...	Mainpuri ...	3	4	7	2	2	4	11
31		Shikohabad ...	4	5	9	1	3	4	13
32	Etah ...	Kasganj ...	5	22	27	1	12	13	40
33		Soron ...	22	24	46	12	15	27	73
34		Etah ...	25	26	51	19	15	34	85
35		Jalesar ...	26	16	42	23	18	41	83
36	Bareilly ...	Bareilly ...	106	109	215	77	101	178	393
37		Aonla ...	24	31	55	15	39	54	109
38		Najibabad ...	21	34	55	18	20	38	93
39		Nagina ...	18	34	52	5	32	37	89
40	Bijnor ...	Bijnor ...	20	26	46	11	26	37	83
41		Kiratpur ...	32	29	61	13	23	36	97
42		Sherkot ...	5	8	13	5	2	7	20
43		Chandpur ...	25	15	40	26	14	40	80
44		Seohara ...	5	13	18	5	4	9	27
45	Budaun ...	Nehtaur ...	2	5	7	6	3	9	16
46		Dhampur ...	15	11	26	8	11	19	45
47		Budaun ...	90	87	177	56	64	120	297
48		Sahaswan ...	41	37	78	30	20	50	128
49		Ujhani ...	20	10	30	17	8	25	55
50	Moradabad ..	Moradabad ...	79	101	180	62	113	175	355
51		Amroha ...	51	57	108	48	54	102	210
52		Sambhal ...	67	59	126	49	43	92	218
53		Chandausi ...	45	30	75	25	33	58	133
54	Shahjahanpur	Hasanpur ...	7	15	22	9	12	21	43
55		Shahjahanpur ...	59	72	131	42	48	90	221
56		Tilhar ...	55	42	97	29	29	58	155
57	Pilibhit ...	Pilibhit ...	76	63	129	64	44	108	247
58		Bisalpur ...	22	15	37	14	9	23	60
59	Farrukhabad	Farrukhabad-cum-Fatehgarh.	132	122	254	107	95	202	456
60		Kanauj ...	11	22	33	9	13	22	55

FORM No. IV

10,000 and upwards) and districts (exclusive of such towns) of the United Provinces
year 1932

4									5	
Under one year									1 and under 5 years	
Over one month and not exceeding six months			Over six months and not exceeding twelve months			Total			Male	Female
Male	Female	Total	Male	Female	Total	Male	Female	Total		
70	76	146	34	47	81	227	210	437	92	96
3	6	9	4	3	7	11	11	22	3	2
191	154	345	201	234	435	613	583	1,196	269	256
60	37	97	54	44	98	217	171	388	131	131
61	39	100	39	37	76	150	108	258	77	65
21	16	37	39	28	67	97	77	174	37	65
24	12	36	17	34	51	75	69	144	54	44
7	9	16	16	7	23	32	29	61	35	21
67	56	123	52	53	105	192	166	358	105	95
37	24	61	39	33	72	112	82	194	55	59
25	15	40	16	17	33	50	46	96	34	22
110	59	169	116	83	199	238	195	433	175	177
51	41	92	61	45	106	152	127	279	121	137
35	28	63	29	13	42	96	59	155	56	49
14	12	26	10	6	16	28	25	53	37	22
67	49	116	67	67	134	192	153	345	117	118
31	37	68	57	47	104	132	124	256	71	66
43	34	77	65	59	124	140	128	268	81	75
21	20	41	17	13	30	58	56	114	47	40
23	9	32	30	18	48	70	42	112	44	36
23	21	44	21	31	52	83	78	166	62	60
107	75	182	113	107	220	379	293	675	201	207
118	102	220	98	123	221	397	301	698	190	203
27	18	45	59	50	109	149	103	257	57	48
14	22	36	22	15	37	67	77	144	25	15
83	75	158	124	136	260	331	353	734	196	186
14	32	46	33	22	55	77	86	163	56	58
412	317	729	402	420	822	1,388	1,152	2,540	696	807
32	23	55	27	29	56	104	93	197	82	61
8	2	10	10	4	14	25	10	35	12	5
4	..	4	4	..	4	17	4	21	9	12
39	24	63	43	40	83	169	77	186	41	47
21	24	45	32	39	71	99	90	189	41	43
19	26	45	20	14	34	90	74	164	38	44
25	18	43	17	18	35	84	77	161	26	41
247	243	490	160	145	305	622	566	1,188	494	473
39	19	58	37	33	70	131	106	237	76	69
33	30	63	37	46	83	125	114	239	75	75
46	36	82	48	35	83	146	108	254	83	79
36	42	78	42	44	86	124	123	247	49	58
36	30	66	21	23	44	118	89	207	84	55
11	9	20	18	15	33	42	31	73	52	47
26	26	52	21	26	47	87	92	179	77	102
7	6	13	7	10	17	32	25	57	26	22
9	2	11	6	3	9	22	14	36	18	18
22	14	36	24	17	41	72	50	122	38	43
82	79	161	78	86	164	337	285	622	195	180
39	45	84	47	42	89	164	137	301	74	83
23	17	40	28	15	43	81	57	138	52	40
257	246	503	226	194	420	663	615	1,278	273	305
95	72	167	80	87	167	283	261	544	184	166
97	86	183	101	80	181	324	258	582	167	190
44	41	85	79	59	138	198	158	356	144	124
10	10	20	13	10	23	45	41	86	24	25
107	88	195	84	83	167	322	261	583	200	209
56	41	97	33	29	62	186	128	314	96	100
71	69	140	62	84	146	272	261	533	124	158
26	18	44	19	31	50	82	72	154	51	50
155	139	294	168	143	311	577	484	1,061	249	244
24	27	51	27	14	41	84	63	147	35	28

Deaths registered **according to age** in the towns (having a population of during the

1 Number	2 District	3 Towns	6 5 and under 10 years		7 10 and under 15 years		8 15 and under 20 years		9 20 and under 30 years	
			Male	Female	Male	Female	Male	Female	Male	Female
		<i>B.—Towns— (contd.)</i>								
1	Dehra Dun	Dehra ...	16	21	10	18	11	35	57	89
2		Mussoorie ...	2	3	...	1	...	4	7	12
3	Saharanpur	Saharanpur ...	53	47	26	49	45	112	71	134
4		Hardwar-Union ...	25	44	36	26	35	39	99	69
5		Deoband ...	6	14	4	5	5	22	17	24
6		Roorkee ...	4	6	1	6	4	16	20	22
7		Gangoh ...	9	6	2	5	1	10	4	10
8	Muzaffar-nagar.	Manglaur ...	5	6	5	4	1	3	7	12
9		Muzaffarnagar ...	15	16	7	8	12	19	20	42
10		Kairana ...	5	6	2	5	9	9	8	21
11		Kandhla ...	..	2	1	6	2	4	1	6
12	Meerut	Meerut ...	33	28	16	40	24	62	48	131
13		Hapur ...	13	15	6	3	11	11	11	34
14		Ghaziabad ...	4	12	2	4	4	10	4	33
15	Bulandshahr	Sardhana ...	3	4	1	1	1	7	2	14
16		Khurja ...	10	13	2	12	10	31	19	60
17		Bulandshahr ...	10	6	3	1	4	17	16	38
18		Sikandrabad ...	2	5	5	4	6	13	13	27
19		Debai ...	8	4	1	4	4	10	6	27
20	Aligarh	Jahangirabad ...	6	7	3	1	1	3	4	12
21		Shikarpur ...	5	11	..	5	1	3	8	18
22		Aligarh or Koil ...	21	26	7	19	12	50	32	72
23		Hathras ...	31	25	10	16	18	37	43	84
24	Muttra	Atrauli ...	9	14	9	3	1	15	7	35
25		Sikandra Rao ...	3	7	2	3	2	4	11	28
26	Agra	Muttra ...	31	37	17	26	31	70	52	117
27		Brindaban ...	13	14	5	9	3	12	19	31
28	Mainpuri	Agra ...	120	136	71	110	90	216	192	427
29		Firozabad ...	13	8	6	5	4	23	20	19
30	Etah	Mainpuri ...	1	4	..	1	2	..	4	7
31		Shikohabad ...	4	4	1	1	3	5	12	6
32	Bareilly	Kasganj ...	12	14	2	16	14	17	14	43
33		Soron ...	13	4	4	7	1	11	12	22
34		Etah ...	6	5	3	10	5	13	13	26
35	Bijnor	Jalesar ...	5	8	3	10	5	19	15	19
36		Bareilly ...	89	135	58	97	112	202	146	166
37		Aonla ...	5	3	5	6	7	11	19	32
38		Najibabad ...	7	6	7	13	7	19	17	28
39	Budaun	Nagina ...	13	13	4	7	2	6	15	24
40		Bijnor ...	7	9	2	9	8	20	15	27
41		Kiratpur ...	11	8	5	19	7	16	13	42
42		Shorkot ...	5	3	3	3	4	7	8	22
43	Moradabad	Obandpur ...	18	27	17	23	13	31	21	56
44		Seohara ...	1	2	..	2	3	2	2	12
45		Nehtaur ...	8	6	2	2	1	4	3	5
46		Dhampur ...	5	6	2	2	..	4	6	10
47	Pilibhit	Budaun ...	44	26	19	34	13	56	50	112
48		Sahaswan ...	11	7	4	8	6	13	5	26
49		Ujhani ...	10	9	8	4	7	9	7	15
50		Moradabad ...	99	57	21	53	23	107	101	155
51	Farrukhabad	Amroha ...	23	17	7	12	5	26	33	78
52		Sambhal ...	17	21	8	13	8	18	20	57
53		Chandausi ...	4	7	7	10	5	12	13	36
54	Pilibhit	Hasanpur ...	4	..	1	1	2	4	5	12
55		Shahjahanpur ...	56	61	47	36	37	66	85	173
56		Tilhar ...	10	9	3	12	1	29	19	41
57	Farrukhabad	Pilibhit ...	20	18	19	20	17	27	33	69
58		Bisalpur ...	23	30	15	14	12	11	19	33
59	Farrukhabad	Farrukhabad-cum-Fatehgarh ...	21	20	16	31	24	88	53	133
60		Kanauj ...	2	8	1	4	5	5	11	27

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10,000 and upwards) and districts (exclusive of such towns) of the United Provinces
year 1932—(continued)

10 30 and under 40 years		11 40 and under 50 years		12 50 and under 60 years		13 60 years and upwards		14 Total (all ages)		15
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Number
31	36	49	24	41	23	104	80	638	632	1
5	8	1	1	4	5	5	7	38	54	2
74	80	67	57	76	43	251	212	1,545	1,573	3
87	36	92	52	83	37	146	123	954	728	4
12	13	17	15	19	19	59	35	366	320	5
14	19	6	13	21	9	36	24	240	257	6
5	9	4	5	8	5	18	15	180	178	7
6	9	4	5	4	6	15	14	114	109	8
15	20	18	18	16	7	67	49	467	435	9
10	9	13	8	16	11	44	28	274	238	10
3	5	8	3	5	5	34	12	138	111	11
30	58	46	35	35	33	153	89	858	848	12
17	25	9	15	14	13	59	55	413	435	13
6	19	4	11	14	9	28	24	218	230	14
4	7	5	4	4	4	18	12	103	96	15
21	33	14	12	28	21	86	72	499	525	16
6	20	4	7	12	4	42	40	300	323	17
11	15	7	6	15	9	43	44	323	326	18
2	8	8	7	13	9	20	25	167	190	19
4	13	16	14	10	11	26	13	184	152	20
5	14	12	11	5	11	32	31	218	242	21
26	39	26	27	35	42	123	114	867	892	22
47	40	43	41	43	34	118	129	850	920	23
9	19	12	19	17	12	33	34	303	307	24
10	15	15	4	8	5	26	30	169	188	25
59	61	81	46	89	51	177	158	1,117	1,105	26
14	23	29	32	35	34	91	116	342	415	27
241	231	253	174	191	155	483	444	3,730	3,852	28
14	14	7	8	11	9	33	23	294	263	29
2	4	2	5	6	5	5	1	59	42	30
8	4	10	9	3	6	13	14	80	65	31
17	10	12	17	9	10	35	36	265	287	32
9	18	14	8	17	11	30	30	240	244	33
10	15	9	12	14	10	24	16	212	225	34
20	15	8	13	13	4	38	31	217	237	35
113	161	140	105	133	101	258	266	2,165	2,372	36
12	15	10	6	9	9	32	24	306	281	37
10	13	14	15	23	13	50	39	335	335	38
16	18	14	13	12	6	49	36	354	310	39
7	12	12	17	11	12	43	26	278	313	40
10	15	8	20	16	5	39	34	311	303	41
9	10	7	6	17	7	25	25	172	161	42
16	27	13	24	18	24	31	47	311	453	43
12	8	8	5	4	11	22	12	105	101	44
3	4	..	2	3	5	15	13	75	73	45
8	7	10	8	10	3	16	8	167	141	46
29	75	36	34	29	36	137	128	889	966	47
8	22	14	10	13	12	54	38	353	356	48
3	7	5	6	7	4	16	21	196	172	49
83	112	80	72	95	94	250	200	1,688	1,770	50
25	46	20	21	41	20	105	100	726	747	51
26	40	25	30	37	16	87	82	719	725	52
10	22	18	8	23	9	59	53	481	439	53
3	4	5	3	5	2	17	19	111	111	54
60	103	64	61	69	53	142	127	1,082	1,150	55
17	18	16	20	34	17	34	28	416	402	56
45	35	43	27	33	24	86	106	694	745	57
5	12	19	8	12	12	22	22	260	264	58
54	73	41	40	66	41	162	138	1,263	1,292	59
11	16	12	9	15	12	36	26	212	198	60

Deaths registered **according to age** in the towns (having a population of 10,000
the year

1	2		3		Not exceeding one month						
Number	Districts		Towns		Male			Female			Total
					Under one week	Over one week	Total	Under one week	Over one week	Total	
			B.—Towns—(contd.)								
61	Etawah	..	Etawah	..	148	89	237	105	95	200	437
62	Cawnpore	..	Cawnpore	..	364	235	599	288	171	459	1,058
63	Fatehpur	..	Fatehpur	..	28	26	54	28	19	47	101
64	Allahabad	..	Allahabad	..	257	222	479	205	169	374	853
65			Jhansi ..	..	181	89	270	131	88	219	489
66	Jhansi	..	Garhia Phatak	..	50	14	64	24	11	35	99
67			Lalitpur	..	13	11	24	25	13	38	62
68			Mau ..	..	23	19	42	31	17	48	90
69	Jalaun	..	Kunch	..	22	14	36	18	5	23	59
70			Orai ..	..	20	7	27	9	12	21	43
71	Hamirpur	..	Mahoba	..	8	11	19	2	6	8	27
72			Rath ..	..	25	19	44	21	15	36	80
73	Banda	..	Banda ..	..	20	7	27	6	3	9	36
74	Benares	..	Benares	..	253	401	659	213	294	507	1,166
75	Mirzapur	..	Mirzapur-Bindhachal	..	52	87	139	33	75	108	247
76	Jaunpur	..	Jaunpur	..	22	42	64	10	32	42	106
77			Ghazipur	..	25	15	40	18	7	25	65
78	Ghazipur	..	Reotipur	..	16	3	19	10	4	14	33
79			Gahmar	..	9	6	15	3	2	5	20
80	Ballia	..	Ballia ..	..	13	4	17	8	7	15	32
81			Gorakhpur	..	81	86	167	41	57	98	265
82	Gorakhpur	..	Gaura Barhaj	..	12	12	24	13	11	24	48
83			Gorakhpur (notified area).	..	1	..	1	..	2	2	3
84	Basti	..	Basti ..	..	8	10	18	13	5	18	36
85			Mehndawal	..	8	5	13	11	6	17	30
86			Mau ..	..	16	16	32	22	11	33	65
87	Azamgarh	..	Azamgarh	..	16	8	24	14	3	17	41
88			Mubarakpur	..	8	5	13	10	6	16	29
89			Haldwani-Kath-godam-Ranibagh.	..	8	12	20	13	5	18	38
90	Naini Tal	..	Kashipur	..	13	16	29	13	10	23	52
91			Naini Tal	..	13	10	23	11	6	17	40
92	Lucknow	..	Lucknow	..	396	412	808	321	369	690	1,498
93	Unao	..	Unao ..	..	17	10	27	14	13	27	54
94	Rae Bareli	..	Rae Bareli	..	26	24	50	14	22	36	86
95			Sitapur	..	54	42	96	31	36	67	163
96	Sitapur	..	Khairabad	..	14	23	37	15	17	32	69
97			Labarpur	..	10	10	20	7	10	17	37
98			Shahabad	..	9	20	29	9	13	22	51
99	Hardoi	..	Hardoi	..	12	15	27	6	6	12	39
100			Sandila	..	24	40	64	21	23	44	108
101			Malawan	..	15	11	26	12	8	20	46
102	Kheri	..	Lakhimpur	..	8	19	27	5	10	15	42
103	Fyzabad	..	Fyzabad-Ajodhiya	..	28	30	58	18	18	36	94
104			Tanda ..	..	28	16	44	27	13	40	84
105	Gonda	..	Balrampur	..	30	28	58	21	15	36	94
106			Gonda ..	..	16	9	25	9	5	14	39
107	Bahraich	..	Bahraich	..	41	26	67	21	35	56	123
108			Nanpara	..	16	12	28	11	11	22	50
109	Sultanpur	..	Sultanpur	..	15	12	27	9	14	23	50
110	Bara Banki	..	Nawabganj	..	16	17	33	8	8	16	49
111			Rudauli	..	18	16	34	10	19	29	63
	Total of towns				4,793	4,517	9,310	3,628	3,641	7,269	16,579
	Ratio per mille for the towns				..	..	..	..	..	..	..
	Total for the province				41,266	25,269	66,535	32,993	20,001	52,994	119,529
	Ratio per mille of population			

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and upwards) and districts (exclusive of such towns) of the United Provinces during 1932—(continued)

4									5	
Under one year									1 and under 5 years	
Over one month and not exceeding six months			Over six months and not exceeding twelve months			Total			Male	Female
Male	Female	Total	Male	Female	Total	Male	Female	Total		
135	107	242	125	130	255	497	437	934	194	159
504	422	926	375	322	697	1,478	1,203	2,681	695	648
35	23	58	19	18	37	108	88	196	49	34
228	205	433	193	209	402	900	788	1,688	409	404
133	117	250	202	181	383	605	517	1,122	174	154
18	19	37	18	25	43	100	79	179	46	57
32	22	54	22	8	30	78	68	146	53	58
47	35	82	41	34	75	130	117	247	52	49
35	9	44	22	20	42	93	52	145	37	30
13	10	23	28	26	54	68	57	125	7	11
10	6	16	10	9	19	39	23	62	32	24
27	20	47	24	23	47	95	79	174	51	54
7	12	19	8	6	14	42	27	69	21	12
501	394	895	320	286	606	1,480	1,187	2,667	760	711
79	58	137	34	36	70	252	202	454	101	100
35	29	64	39	37	76	138	108	246	38	40
23	21	43	13	10	23	75	56	131	33	43
9	4	13	3	3	6	31	21	52	15	10
4	8	12	8	5	13	27	18	45	20	10
6	12	18	7	7	14	30	34	64	16	9
74	79	153	64	67	131	305	244	549	118	122
25	14	39	16	12	28	65	50	115	29	28
1	2	3	3	2	5	5	6	11	12	10
11	11	22	8	12	20	37	41	78	36	34
5	14	19	10	18	28	28	49	77	24	30
22	20	42	23	24	47	77	77	154	50	40
21	14	35	8	13	21	53	44	97	20	41
7	3	10	8	5	13	28	24	52	20	19
18	10	28	5	3	8	43	31	74	13	15
29	20	49	26	23	49	84	66	150	21	32
4	12	16	4	6	10	31	35	66	13	10
491	425	916	445	449	894	1,744	1,564	3,308	615	563
17	9	26	17	8	25	61	44	105	23	22
33	22	55	26	21	47	109	79	188	43	45
41	32	73	58	68	126	195	167	362	71	61
22	26	48	21	17	38	80	75	155	31	32
14	9	23	13	13	26	47	39	86	35	43
16	15	31	24	35	59	69	72	141	34	36
7	5	12	24	7	31	58	24	82	37	34
22	24	46	26	18	44	112	86	198	50	60
9	13	22	15	17	32	50	50	100	42	23
20	21	41	33	19	52	80	55	135	39	32
53	61	114	71	83	154	182	180	362	75	57
21	17	38	33	29	62	98	86	184	45	48
26	24	50	26	28	54	110	88	198	77	56
10	21	31	16	16	32	51	51	102	25	22
36	33	69	45	29	74	148	118	266	77	68
15	8	23	16	13	29	59	43	102	49	43
6	3	9	14	17	31	47	43	90	8	15
17	15	32	15	15	30	65	46	111	32	20
14	10	24	11	15	26	59	54	113	18	17
6,492	5,472	11,964	6,089	5,787	11,876	21,891	18,528	40,419	10,898	10,645
..	..	..	..	..	..	242·68*	221·12*	232·30*	†	†
43,975	35,965	79,940	39,709	33,884	73,593	150,219	122,843	273,062	113,178	98,241
..	..	..	..	..	..	169·16*	155·49*	162·72*	38·95	33·53

* Ratio calculated on births.

† Population not available.

Deaths registered **according to age** in the towns (having a population of 10,000 the year

1	2		6		7		8		9	
Number	Districts	Towns	5 and under 10 years		10 and under 15 years		15 and under 20 years		20 and under 30 years	
			Male	Female	Male	Female	Male	Female	Male	Female
B.—Towns—(concl'd.)										
61	Etawah ..	Etawah ..	29	36	14	21	26	58	53	119
62	Cawnpore..	Cawnpore ..	102	80	61	103	94	203	272	452
63	Fatehpur ..	Fatehpur ..	6	8	3	8	6	9	15	24
64	Allahabad ..	Allahabad ..	96	75	39	75	57	129	123	264
65	Jhansi ..	Jhansi ..	20	20	21	20	20	45	49	98
66		Jhansi ..	10	5	7	7	3	14	10	21
67		Garhia Phatak ..	6	11	7	7	5	11	12	14
68		Lalitpur ..	10	10	4	7	14	9	19	16
69	Jalaun ..	Mau ..	11	7	6	7	6	8	15	13
70		Kunch ..	5	2	2	2	4	8	10	14
71	Hamirpur..	Orai ..	3	1	1	...	8	2	10	12
72		Mahoba ..	12	5	3	5	8	11	15	15
73	Banda ..	Rath ..	6	3	3	...	5	10	11	17
74		Banda ..	197	201	115	184	132	258	350	475
75	Benares ..	Benares ..	16	21	11	15	6	19	31	49
	Mirzapur ..	Mirzapur- Bindhachal.								
76	Jaunpur ..	Jaunpur ..	22	15	10	23	9	28	16	44
77	Ghazipur ..	Jaunpur ..	13	1	6	14	12	10	9	40
78		Ghazipur ..	3	1	1	...	1	1	8	6
79	Ballia ..	Peotipur ..	6	2	2	2	2	8	7	13
80		Gahmar ..	5	5	5	5	6	4	12	16
81	Gorakhpur	Ballia ..	34	33	23	36	27	46	63	118
82		Gorakhpur ..	11	10	4	4	3	8	10	16
83	Gorakhpur	Gaura Barhaj ..	4	3	...	...	7	2	11	12
		Gorakhpur (noti- fied area).	12	7	8	5	17	11	27	23
84	Basti ..	Basti ..	14	6	4	2	1	3	6	9
85		Mehndawal ..	16	19	8	13	12	24	12	35
86	Azamgarh..	Mau ..	5	9	8	8	7	8	8	38
87		Azamgarh ..	2	6	4	3	1	...	2	3
88	Naini Tal..	Mubarakpur ..	4	1	3	5	3	11	14	19
89		Haldwani-Kath- godam-Rani- bagh.	27	8	18	20	6	14	31	36
90	Lucknow ..	Kashipur ..	7	1	4	4	2	3	19	21
91		Naini Tal ..	146	142	62	104	91	221	245	438
92	Unao ..	Lucknow ..	3	1	2	2	6	8	21	29
93		Unao ..	7	6	2	4	7	15	15	39
94	Rae Bareli	Rae Bareli ..	7	22	8	17	6	22	22	42
95		Sitapur ..	12	6	3	6	2	10	5	25
96	Sitapur ..	Khairabad ..	1	...	1	2	5	6	6	15
97		Laharpur ..	8	3	3	11	6	10	11	19
98	Hardoi ..	Shahabad ..	3	3	3	3	6	3	9	9
99		Hardoi ..	4	7	4	11	4	20	10	33
100	Kheri ..	Sandila ..	5	1	3	2	1	4	6	16
101		Malawan ..	5	4	1	3	4	2	6	18
102	Fyzabad ..	Lakbimpur ..	19	9	7	13	11	15	36	33
103		Fyzabad-Ajo- dhiya.	7	16	10	11	4	7	18	21
104	Gonda ..	Tanda ..	11	11	4	11	6	15	11	26
105		Balrampur ..	4	3	3	8	3	11	5	14
106	Bahraich	Gonda ..	15	11	11	16	3	12	16	36
107		Bahraich ..	6	9	4	5	3	9	11	19
108	Sultanpur	Nanpara ..	6	5	...	2	6	2	3	6
109		Sultanpur ..	7	5	1	1	6	8	4	15
110	Bara Banki	Nawabganj ..	4	5	1	2	2	4	4	18
111		Rudauli ..								
Total of towns ..			2,013	1,988	1,092	1,731	1,403	3,104	3,323	6,185
Ratio per mille for the towns..			†	†	†	†	†	†	†	†
Total for the province ..			23,652	19,664	15,345	13,392	16,486	16,776	41,216	44,264
Ratio per mille of population..			7.28	7.02	5.11	5.46	7.16	8.33	9.07	10.56

†Population not available.

FORM No. IV

upwards) and districts (exclusive of such towns) of the United Provinces during 1932—(concluded)

10 30 and under 40 years		11 40 and under 50 years		12 50 and under 60 years		13 60 years and upwards		14 Total (all ages)		15
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Number
39	42	50	43	73	48	122	105	1,097	1,068	61
214	269	245	141	240	146	519	540	3,920	3,783	62
16	24	25	16	31	23	56	42	315	276	63
125	131	144	105	152	97	342	361	2,377	2,429	64
67	56	59	39	65	34	128	159	1,208	1,142	65
9	13	13	11	12	6	33	19	243	232	66
19	12	18	9	14	8	28	39	240	237	67
14	12	20	12	19	19	33	48	315	299	68
10	10	21	15	19	16	31	42	249	200	69
13	5	10	12	5	6	20	17	144	134	70
10	6	1	1	1	4	31	25	136	98	71
23	10	14	13	15	14	23	31	259	237	72
15	16	20	8	26	4	29	23	173	120	73
282	280	347	257	362	273	1,061	1,185	5,086	5,011	74
27	34	35	28	26	27	83	88	588	583	75
26	27	19	17	22	14	69	71	369	387	76
19	16	11	12	19	11	39	41	236	255	77
8	2	9	4	8	4	23	13	107	62	78
16	13	4	5	5	2	17	15	106	88	79
6	9	10	6	10	7	26	18	126	113	80
48	67	49	38	40	28	122	147	829	885	81
7	9	5	3	11	9	30	35	175	172	82
5	7	11	8	7	2	17	5	79	55	83
13	12	16	3	6	6	39	24	211	166	84
11	11	7	8	3	5	17	17	115	140	85
11	12	7	5	3	6	30	14	226	245	86
11	14	10	11	9	5	24	33	153	211	87
2	4	3	3	4	4	8	2	74	68	88
9	14	10	7	7	7	14	11	120	121	89
24	17	21	14	19	17	19	33	270	257	90
17	12	11	6	6	3	14	15	124	110	91
257	237	285	189	243	144	632	550	4,320	4,152	92
13	8	14	14	8	6	19	15	170	149	93
8	10	13	10	15	10	47	32	266	250	94
19	20	21	12	18	18	54	49	421	430	95
8	13	8	6	14	8	37	30	200	211	96
3	9	4	2	2	4	22	12	126	132	97
10	11	4	3	6	4	21	19	172	188	98
13	11	6	6	9	8	19	14	163	115	99
10	18	13	11	22	14	45	32	274	292	100
9	3	9	10	15	7	26	19	166	135	101
5	12	11	2	8	9	18	8	177	145	102
28	32	53	33	52	23	122	90	585	485	103
6	29	12	9	14	13	41	43	255	283	104
18	19	17	5	26	19	39	36	319	286	105
8	18	15	6	11	10	21	27	146	170	106
15	31	30	22	21	14	61	37	397	365	107
7	13	12	4	8	11	29	31	188	187	108
5	9	6	1	6	1	20	6	107	90	109
4	6	8	7	5	6	13	22	155	136	110
7	7	1	6	11	9	28	27	135	149	111
3,018	3,521	3,329	2,521	3,435	2,419	8,668	8,115	59,070	58,758	
†	†	†	†	†	†	†	†	28·39	35·32	
43,316	89,580	46,744	33,451	48,812	35,849	82,157	71,040	581,125	495,100	
11·76	12·04	18·19	15·01	33·02	26·69	85·77	73·30	22·84	21·56	

Deaths registered according to classes and sexes

Number	Districts	Population					
		Muhammadans			Hindus		
		Male	Female	Total	Male	Female	Total
MEERUT DIVISION							
1	Dehra Dun	20,724	13,063	33,787	112,728	76,887	189,615
2	Saharanpur	192,651	100,517	353,168	375,061	304,862	679,923
3	Muzaffarnagar	138,813	118,262	257,075	339,529	277,998	617,427
4	Meerut	203,207	169,247	372,454	645,475	543,504	1,188,979
5	Bulandshahr	113,524	101,554	215,078	482,930	423,610	906,540
AGRA DIVISION							
6	Aligarh	84,528	69,955	154,493	540,727	455,576	996,303
7	Muttra	31,865	26,335	58,200	328,125	273,902	602,027
8	Agra	74,835	62,316	137,151	487,283	404,428	891,716
9	Mainpuri	21,931	18,535	40,466	386,370	314,932	701,302
10	Etah	51,129	43,470	94,599	409,198	344,767	753,965
ROHILKHAND DIVISION							
11	Bareilly	156,806	137,225	294,031	415,168	348,884	764,052
12	Bijnor	165,686	148,370	314,056	274,780	240,080	514,860
13	Budaun	95,578	84,158	179,736	442,561	372,124	814,685
14	Moradabad	253,075	225,772	478,847	410,181	349,747	759,928
15	Shahjahanpur	77,159	68,161	145,320	414,906	342,980	757,886
16	Pilibhit	45,561	41,210	86,771	194,212	165,964	360,176
ALLAHABAD DIVISION							
17	Farrukhabad	57,790	51,279	108,999	420,053	343,615	763,668
18	Etawah	24,555	21,293	45,848	386,500	310,455	696,955
19	Cawnpore	75,062	57,890	132,952	591,139	482,142	1,073,281
20	Fatehpur	42,283	40,627	82,910	318,971	285,569	605,540
21	Allahabad	106,594	98,194	204,788	656,200	622,618	1,278,818
JHANSI DIVISION							
22	Jhansi	21,484	17,920	39,404	327,309	308,114	635,423
23	Jalaun	14,822	14,061	28,883	208,351	188,515	396,866
24	Hamirpur	16,413	16,382	32,795	240,416	228,936	469,352
25	Banda	18,657	17,846	36,503	308,922	284,727	588,649
BENARES DIVISION							
26	Benares	58,399	51,825	110,224	465,063	438,257	903,320
27	Mirzapur	24,137	22,688	46,825	369,910	370,881	740,791
28	Jaunpur	54,612	55,773	110,385	558,236	567,302	1,125,538
29	Ghazipur	37,909	40,359	78,268	384,698	361,516	746,214
30	Ballia	29,209	29,636	58,845	439,172	413,897	853,069
GORAKHPUR DIVISION							
31	Gorakhpur	192,370	181,222	373,592	1,636,597	1,554,874	3,191,471
32	Basti	185,688	175,801	361,489	881,677	834,615	1,716,292
33	Azamgarh	96,116	94,389	190,505	701,622	679,016	1,380,668
KUMAUN DIVISION							
34	Naini Tal	30,684	21,216	51,900	130,286	92,735	223,021
35	Almora	1,758	1,400	3,158	289,288	288,716	578,004
36	Garhwal	3,284	1,288	4,572	254,054	274,034	528,088
LUCKNOW DIVISION							
37	Lucknow	92,904	76,873	169,777	332,536	274,338	606,874
38	Unao	41,247	36,107	77,354	411,442	366,654	778,096
39	Rae Bareli	45,542	45,230	90,772	448,049	435,046	883,095
40	Sitapur	93,024	84,882	177,906	528,612	459,861	988,373
41	Hardoi	66,834	59,243	126,077	541,222	459,648	1,000,870
42	Kheri	77,526	68,496	146,022	426,522	370,863	797,385
FYZABAD DIVISION							
43	Fyzabad	67,707	66,799	134,506	540,800	527,487	1,068,337
44	Gonda	142,987	139,148	282,135	663,071	629,848	1,292,919
45	Bahraich	128,179	118,354	246,533	463,743	424,742	888,485
46	Sultanpur	59,823	64,052	123,875	459,421	467,844	927,265
47	Partabgarh	49,793	52,228	102,021	392,068	411,881	803,949
48	Bara Banki	96,059	91,313	187,372	458,286	417,240	875,526
Total for the Province		3,780,453	3,401,474	7,181,927	21,488,425	19,417,161	40,905,586

FORM No. V

in the districts of the United Provinces during the year 1932

3									4
according to census of 1931									
Christians			Other classes			Total			Number
Male	Female	Total	Male	Female	Total	Male	Female	Total	
2,886	1,934	4,820	1,231	794	2,025	137,569	92,678	230,247	1
2,014	1,642	3,656	4,084	3,089	7,173	573,810	470,110	1,043,920	2
5,436	4,719	10,155	5,528	4,477	10,005	489,306	405,356	894,662	3
9,320	7,539	16,909	13,265	10,311	23,576	871,267	730,651	1,601,918	4
6,615	6,885	13,500	909	858	1,767	603,978	532,907	1,136,885	5
9,279	8,971	18,250	1,503	1,196	2,699	636,037	535,708	1,171,745	6
3,120	2,555	5,675	1,182	990	2,172	364,292	303,782	668,074	7
4,967	3,938	8,905	5,868	4,676	10,544	572,958	475,358	1,048,316	8
2,093	1,826	3,919	2,206	1,740	3,946	412,600	337,033	749,633	9
4,735	4,621	9,356	1,352	1,206	2,558	466,414	394,064	860,478	10
7,577	6,227	13,804	3 9	183	492	579,860	492,519	1,072,379	11
1,327	1,232	2,559	1,874	2,120	3,994	443,667	391,802	835,469	12
8,206	7,255	15,461	174	124	298	546,519	463,661	1,010,180	13
12,411	10,625	22,836	12,383	10,114	22,497	687,850	596,258	1,284,108	14
998	847	1,845	38	42	80	493,101	412,030	905,131	15
969	838	1,807	48	36	84	240,790	208,048	448,838	16
2,149	2,097	4,246	256	223	479	480,178	397,214	877,392	17
921	318	1,239	1,095	868	1,963	413,071	332,934	746,005	18
3,235	2,160	5,395	381	244	625	669,817	542,436	1,212,253	19
110	150	260	42	37	79	361,406	327,383	688,789	20
4,123	3,328	7,451	488	3 8	856	767,405	724,508	1,491,913	21
2,920	1,608	4,528	5,838	5,220	11,058	557,551	332,862	690,413	22
63	51	114	90	69	159	223,326	202,696	426,022	23
137	286	423	62	57	119	257,028	245,661	502,689	24
120	75	195	228	196	424	322,927	302,844	625,771	25
1,261	1,098	2,359	307	168	475	525,030	491,348	1,016,378	26
358	347	705	60	28	88	394,465	393,944	788,409	27
45	82	127	15	6	21	612,908	623,163	1,236,071	28
224	217	441	26	22	48	422,857	402,114	824,971	29
648	458	1,106	39	31	70	469,068	444,022	913,090	30
1,251	1,114	2,365	70	63	133	1,830,288	1,737,273	3,567,561	31
95	93	188	41	14	55	1,067,501	1,010,523	2,078,024	32
138	98	236	84	81	165	797,960	773,617	1,571,577	33
872	758	1,630	495	240	735	162,337	114,949	277,286	34
850	1,066	1,916	108	116	224	292,004	291,298	583,302	35
562	527	1,089	87	49	136	257,987	275,898	533,885	36
6,329	3,393	9,722	1,096	503	1,599	432,865	354,607	787,472	37
100	96	196	36	18	54	452,825	402,875	855,700	38
161	95	196	38	26	64	493,730	480,397	974,127	39
292	283	575	165	120	285	621,993	545,146	1,167,139	40
313	339	652	22	5	27	608,391	519,235	1,127,626	41
496	377	873	121	78	199	504,665	439,814	944,479	42
1,369	385	1,754	125	67	192	610,051	594,738	1,204,789	43
379	416	795	95	59	154	806,532	769,471	1,576,003	44
226	106	332	568	430	998	592,716	543,632	1,136,348	45
37	60	97	30	17	47	519,311	531,973	1,051,284	46
85	88	173	46	44	90	441,992	464,241	906,233	47
85	86	171	373	337	710	554,803	508,976	1,063,779	48
111,647	93,359	205,006	64,481	51,763	116,244	25,445,006	22,963,757	48,408,763	

Deaths registered according to classes and sexes

1	2						
Number	Districts	Muhammadans			Hindus		
		Male	Female	Total	Male	Female	Total
MEERUT DIVISION							
1	Dehra Dun ...	439	409	848	2,352	2,059	4,411
2	Saharanpur ...	5,547	5,320	10,867	11,289	9,883	21,172
3	Muzaffarnagar ...	2,831	2,516	5,347	7,348	6,184	13,532
4	Meerut ...	8,838	3,725	7,563	13,485	12,054	25,539
5	Bulandshahr ...	2,973	2,946	5,919	13,119	12,217	25,336
AGRA DIVISION							
6	Aligarh ...	1,820	1,741	3,561	13,001	11,533	24,534
7	Muttra ...	681	626	1,307	6,871	5,938	12,809
8	Agra ...	1,475	1,490	2,965	11,394	10,043	21,437
9	Mainpuri ...	363	336	699	7,812	5,926	13,738
10	Etah ...	1,073	1,038	2,111	9,291	7,792	17,083
ROHILKHAND DIVISION							
11	Bareilly ...	4,745	4,485	9,230	15,970	13,400	29,370
12	Bijnor ...	4,499	4,506	9,005	8,805	7,886	16,691
13	Budaun ...	2,820	2,764	5,584	14,826	12,095	26,921
14	Moradabad ...	7,642	7,167	14,809	13,563	12,295	25,858
15	Shahjahanpur ...	2,118	2,068	4,186	13,216	10,720	23,936
16	Pilibhit ...	1,462	1,364	2,826	6,463	5,071	11,534
ALLAHABAD DIVISION							
17	Farrukhabad ...	1,384	1,263	2,647	12,077	9,924	22,001
18	Etawah ...	697	592	1,289	9,322	7,291	16,613
19	Cawnpore ...	1,320	1,222	2,542	11,578	8,980	20,558
20	Fatehpur ...	807	746	1,553	6,199	4,968	11,167
21	Allahabad ...	1,849	1,797	3,646	12,536	9,824	22,360
JHANSI DIVISION							
22	Jhansi ...	499	499	988	10,683	8,801	19,484
23	Jalaun ...	344	289	633	5,429	4,390	9,819
24	Hamirpur ...	456	365	821	8,305	6,520	14,825
25	Banda ...	369	313	682	7,514	5,430	12,944
BENARES DIVISION							
26	Benares ...	1,557	1,583	3,140	11,878	10,745	22,623
27	Mirzapur ...	441	396	837	8,616	7,640	16,256
28	Jaunpur ...	909	880	1,789	9,933	7,772	17,705
29	Ghazipur ...	819	830	1,649	7,461	6,696	14,157
30	Ballia ...	416	447	863	5,929	5,139	11,068
GORAKHPUR DIVISION							
31	Gorakhpur ...	3,060	2,492	5,552	26,456	21,893	48,349
32	Basti ...	3,214	2,781	5,995	16,810	13,703	29,513
33	Azamgarh ...	2,036	2,035	4,071	13,798	11,857	25,655
KUMAUN DIVISION							
34	Naini Tal ...	1,207	1,082	2,289	3,169	2,763	5,872
35	Almora ...	29	36	65	6,283	6,408	12,691
36	Garhwal ...	19	31	50	6,947	6,987	13,934
LUCKNOW DIVISION							
37	Lucknow ...	2,279	2,182	4,461	9,641	8,135	17,776
38	Unao ...	768	671	1,439	9,243	6,991	16,234
39	Rae Bareilly ...	640	624	1,264	7,232	5,490	12,722
40	Sitapur ...	2,133	2,034	4,167	13,824	11,311	25,135
41	Hardoi ...	1,536	1,438	2,974	14,964	11,829	26,793
42	Kheri ...	1,578	1,390	2,968	11,392	8,940	20,332
FYZABAD DIVISION							
43	Fyzabad ...	1,218	1,192	2,410	10,332	8,811	19,143
44	Gonda ...	2,472	2,138	4,610	13,162	10,639	23,801
45	Bahraich ...	2,755	2,392	5,147	11,852	9,920	21,772
46	Sultanpur ...	997	861	1,858	7,941	6,206	14,147
47	Partabgarh ...	671	589	1,260	6,490	5,131	11,621
48	Bara Banki ...	1,889	1,857	3,746	10,436	8,207	18,643
Total for the Province ...		84,694	79,548	164,242	495,177	414,437	909,614

FORM No. V

in the districts of the United Provinces during the year 1932—(continued)

5									6
Number of deaths registered									Number
Christians			Other classes *			Total			
Male	Female	Total	Male	Female	Total	Male	Female	Total	
50	63	113	12	4	16	2,853	2,535	5,388	1
11	8	19	31	22	53	16,878	15,233	32,111	2
4	6	10	5	4	9	10,188	8,710	18,898	3
29	19	48	131	124	255	17,483	15,922	33,405	4
9	3	12	1	2	3	16,102	15,168	31,270	5
8	7	15	9	7	16	14,838	13,288	28,126	6
1	5	6	3	...	3	7,556	6,569	14,125	7
23	10	33	18	16	34	12,910	11,559	24,469	8
11	6	17	10	7	17	8,196	6,275	14,471	9
18	25	43	26	29	55	10,408	8,884	19,292	10
64	49	113	51	53	104	20,830	17,987	38,817	11
5	1	6	98	86	184	13,407	12,479	25,886	12
24	12	36	33	37	70	17,703	14,908	32,611	13
77	81	158	76	70	146	21,358	19,613	40,971	14
2	3	5	11	11	22	15,347	12,802	28,149	15
4	2	6	5	5	10	7,934	6,442	14,376	16
11	6	17	4	7	11	13,476	11,200	24,676	17
7	3	10	4	1	5	10,030	7,387	17,917	18
4	6	10	8	2	10	12,910	10,210	23,120	19
...	...	...	...	...	...	7,006	5,714	12,720	20
36	32	68	3	3	6	14,424	11,656	26,080	21
16	15	31	56	47	103	11,254	9,362	20,616	22
...	1	1	...	1	1	5,773	4,681	10,454	23
2	...	2	2	...	2	8,765	6,885	15,650	24
1	1	2	1	...	1	7,885	5,744	13,629	25
9	4	13	1	2	3	13,445	12,334	25,779	26
5	4	9	...	...	...	9,062	8,040	17,102	27
...	...	...	...	...	...	10,842	8,652	19,494	28
2	1	3	2	3	5	8,284	7,530	15,814	29
1	1	2	...	...	...	6,346	5,587	11,933	30
4	3	7	18	19	37	29,538	24,407	53,945	31
4	...	4	...	...	...	19,028	16,484	35,512	32
1	1	2	1	...	1	15,836	13,893	29,729	33
18	16	34	18	24	42	4,352	3,885	8,237	34
15	18	33	...	...	...	6,327	6,462	12,789	35
4	2	6	...	...	...	6,970	7,020	13,990	36
52	29	81	8	14	22	11,980	10,360	22,340	37
1	1	2	...	2	2	10,012	7,665	17,677	38
2	...	2	2	...	2	7,876	6,114	13,990	39
3	2	5	5	5	10	15,965	13,352	29,317	40
...	1	1	9	7	16	16,509	13,275	29,784	41
3	6	9	9	5	14	12,982	10,341	23,323	42
2	...	2	2	2	4	11,554	10,005	21,559	43
4	6	10	10	8	18	15,648	12,791	28,439	44
...	...	...	14	18	32	14,621	12,330	26,951	45
...	...	...	...	...	...	8,938	7,067	16,005	46
...	...	...	2	2	4	7,163	5,722	12,885	47
...	...	...	8	7	15	12,333	10,071	22,404	48
547	459	1,006	707	656	1,363	5,81,125	4,95,100	10,76,225	

* Deaths in excess of population and excessive death-rates due probably to record of deaths of casteless Hindus under this heading by local Registrars.

Deaths registered *according to classes and sexes*

1	2								
Number	Districts			Muhammadans			Hindus		
				Male	Female	Total	Male	Female	Total
MEERUT DIVISION									
1	Dehra Dun	...	...	21.18	31.31	25.10	20.87	26.78	23.79
2	Saharanpur	...	...	28.79	33.14	30.77	30.10	32.42	31.13
3	Muzaffarnagar	...	...	20.39	21.27	20.80	21.64	22.25	21.91
4	Meerut	...	...	18.89	22.01	20.30	20.89	22.18	21.48
5	Bulandshahr	...	...	26.19	29.01	27.52	27.17	28.84	27.94
AGRA DIVISION									
6	Aligarh	...	...	21.53	24.88	23.04	24.04	25.31	24.62
7	Muttra	...	...	21.37	23.73	22.44	20.94	21.66	21.27
8	Agra	...	...	19.71	23.91	21.60	23.38	24.83	24.04
9	Mainpuri	...	...	16.55	18.07	17.27	20.22	18.81	19.59
10	Etah	...	...	20.98	23.88	22.31	22.70	22.57	22.66
ROHILKHAND DIVISION									
11	Bareilly	...	...	30.26	32.68	31.39	38.46	38.41	38.44
12	Bijnor	...	...	27.15	30.37	28.67	32.04	32.85	32.42
13	Budaun	...	...	29.50	30.85	31.07	33.50	32.50	33.04
14	Moradabad	...	...	30.19	31.74	30.92	33.06	35.15	34.02
15	Shahjahanpur	...	...	27.45	30.35	28.80	31.85	31.25	31.57
16	Pilibhit	...	...	32.08	33.09	32.57	33.28	30.55	32.02
ALLAHABAD DIVISION									
17	Farrukhabad	...	...	23.98	24.63	24.29	28.75	28.88	28.81
18	Etawah	...	...	28.38	27.80	28.12	24.12	23.48	23.84
19	Cawnpore	...	...	17.58	21.11	19.12	19.58	18.62	19.15
20	Fatehpur	...	...	19.08	18.36	18.73	19.43	17.33	18.44
21	Allahabad	...	...	17.34	18.30	17.79	19.10	15.78	17.48
JHANSI DIVISION									
22	Jhansi	...	...	23.23	27.85	25.33	32.64	28.56	30.66
23	Jalaun	...	...	23.20	20.55	21.91	26.06	23.28	24.74
24	Hamirpur	...	...	27.78	22.28	25.03	34.54	28.48	31.59
25	Banda	...	...	19.78	17.54	18.68	24.72	19.07	21.99
BENARES DIVISION									
26	Benares	...	...	26.66	30.54	28.48	25.54	24.51	25.04
27	Mirzapur	...	...	18.27	17.45	17.87	23.29	20.59	21.94
28	Jaunpur	...	...	16.64	15.77	16.21	17.79	13.70	15.73
29	Ghazipur	...	...	21.60	20.56	21.06	21.39	18.52	18.95
30	Ballia	...	...	14.24	15.08	14.66	13.50	12.41	12.97
GORAKHPUR DIVISION									
31	Gorakhpur	...	...	15.90	13.75	14.86	16.77	14.08	15.14
32	Basti	...	...	17.31	15.81	16.58	17.93	16.41	17.19
33	Azamgarh	...	...	21.18	21.45	21.36	19.66	17.46	18.58
KUMAUN DIVISION									
34	Naini Tal	...	...	39.33	50.99	44.10	23.36	29.79	26.33
35	Almora	...	...	16.49	25.71	20.58	21.72	22.19	21.96
36	Garhwal	...	...	57.85	24.66	19.36	27.38	26.74	26.37
LUCKNOW DIVISION									
37	Lucknow	...	...	24.53	28.56	26.35	28.99	29.65	29.29
38	Unao	...	...	18.62	18.58	18.60	22.46	19.06	20.86
39	Rae Bareilly	...	...	14.05	13.79	13.92	16.14	12.61	14.41
40	Sitapur	...	...	22.93	23.96	23.42	26.15	24.59	25.43
41	Hardoi	...	...	22.98	24.27	23.59	27.65	25.73	26.77
42	Kheri	...	...	20.35	20.29	20.32	26.71	24.10	25.50
FYZABAD DIVISION									
43	Fyzabad	...	...	17.99	17.84	17.92	19.10	16.70	17.92
44	Gonda	...	...	17.28	15.36	16.39	19.85	16.89	18.41
45	Bahraich	...	...	21.50	20.21	20.88	25.56	23.35	24.50
46	Sultanpur	...	...	16.67	13.44	15.00	17.28	13.26	15.26
47	Partabgarh	...	...	13.45	11.28	12.35	16.55	12.45	14.45
48	Bara Banki	...	...	19.67	20.33	20.00	22.77	19.67	21.29
Total for the Province				22.40	23.38	22.87	23.04	21.34	22.24

FORM No. V

in the districts of the United Provinces during the year 1932—(concluded).

7									8
Ratio of deaths per 1,000 of population									
Christians			Other classes*			Total			Number
Male	Female	Total	Male	Female	Total	Male	Female	Total	
17.33	32.57	23.44	9.75	5.04	7.90	20.74	27.35	23.40	1
5.46	4.87	5.19	7.59	7.12	7.38	29.41	32.40	30.76	2
0.07	1.27	.09	0.09	0.08	0.08	20.82	21.49	21.12	3
3.11	2.50	2.84	9.87	12.02	10.82	20.07	21.79	20.85	4
1.36	0.04	.09	1.10	2.33	1.69	26.66	28.46	27.50	5
0.86	0.78	.82	5.98	5.85	5.92	23.33	24.80	24.00	6
0.32	1.95	1.00	2.54	..	1.38	20.74	21.62	21.14	7
4.63	2.54	3.70	3.07	3.42	3.22	22.53	24.32	23.34	8
5.25	3.28	4.34	4.54	4.02	4.31	19.86	18.62	19.30	9
3.67	5.41	4.59	19.23	24.05	21.50	22.31	22.54	22.42	10
8.44	7.86	8.18	165.04	289.62	211.38	35.92	36.52	36.20	11
3.77	.81	2.34	52.29	45.66	46.07	30.22	31.85	30.98	12
2.92	1.65	2.33	189.65	298.88	234.90	32.39	32.15	32.28	13
6.30	7.62	6.92	6.13	6.92	6.49	31.05	32.89	31.91	14
2.00	3.54	2.71	289.47	261.90	275.00	31.12	31.07	31.10	15
4.13	2.38	3.32	104.16	138.88	119.05	32.95	30.96	32.03	16
5.12	2.86	4.00	15.63	31.39	22.96	28.06	28.20	28.12	17
7.60	9.43	8.07	3.65	1.15	2.55	24.28	23.69	24.02	18
1.24	2.78	1.85	21.00	8.19	16.00	19.27	18.82	19.07	19
...	...	...	...	...	...	19.38	17.45	18.47	20
8.73	9.61	9.12	6.14	8.15	7.00	18.79	16.09	17.48	21
5.48	9.33	6.85	9.59	9.00	9.32	31.47	28.12	29.86	22
...	19.60	8.77	...	14.49	6.28	25.85	23.94	24.54	23
14.59	...	4.72	32.26	...	16.81	34.10	28.03	31.11	24
8.33	13.33	10.26	4.38	...	2.36	24.42	18.97	21.78	25
7.13	3.64	5.51	3.26	11.90	6.31	25.61	25.10	25.36	26
13.96	11.52	12.76	...	...	...	22.97	20.41	21.69	27
...	...	...	...	...	...	17.69	13.88	15.77	28
8.92	4.60	6.80	76.90	136.36	104.16	19.59	18.73	19.17	29
1.54	2.18	0.81	...	...	...	13.53	12.58	13.07	30
3.19	2.69	3.09	257.14	301.59	278.19	16.14	14.49	15.12	31
42.10	...	21.27	...	...	...	17.82	16.31	17.09	32
7.24	10.02	8.47	11.90	...	5.95	19.84	17.96	18.92	33
20.64	21.10	20.86	36.36	100.00	57.14	26.81	33.80	29.70	34
17.65	16.89	17.22	...	...	...	21.67	22.18	21.92	35
71.17	37.95	55.10	...	...	...	27.02	25.44	26.20	36
8.22	8.55	8.33	7.30	27.83	13.73	27.68	29.21	28.37	37
10.00	10.04	10.20	...	111.11	37.04	22.11	19.02	20.66	38
19.80	...	10.20	52.63	...	31.25	15.95	12.73	14.36	39
10.27	7.07	8.07	30.30	41.65	35.09	25.67	24.49	25.12	40
...	2.95	1.53	409.09	1400.00	592.26	27.13	25.57	26.41	41
6.05	15.91	10.31	74.38	64.10	70.35	25.72	23.51	24.69	42
1.42	..	1.14	16.00	29.85	20.83	18.94	16.82	17.89	43
10.55	14.42	12.58	105.26	135.59	116.88	19.40	16.62	18.04	44
...	...	...	24.65	41.86	32.06	24.67	22.68	23.72	45
...	...	...	..	..	..	17.12	13.28	15.22	46
...	...	...	43.48	45.45	44.44	16.21	12.32	14.22	47
...	...	...	21.72	20.77	21.12	22.23	19.79	21.06	48
4.89	4.92	4.91	10.69	12.67	11.72	22.84	21.56	22.23	

* Deaths in excess of population and excessive death-rates due probably to record of deaths of casteless Hindus under this heading by local Registrars.

Paragraphs 26 of Chapter II and 5, 9, 13, 18, 25, 29, 30, 32, 33 and 35 of Chapter III.]

ANNUAL

Deaths from **different causes** and births registered in the **towns**
(such towns) of the United

1	2	3	4				5	6	7
Number	Districts and towns	Popula- tion according to census of 1931	Births			Birth-rate per 1,000 of popula- tion	Cholera	Smallpox	Plague
			Male	Female	Total				
A.—Rural Districts									
MEERUT DIVISION.									
1	Dehra Dun ...	184,872	2,655	2,228	4,883	26.41	59	29	...
2	Saharanpur ...	873,052	18,880	16,245	35,125	40.23	15	13	2,253
3	Muzaffarnagar ...	828,674	18,376	16,027	34,403	41.51	10	101	165
4	Meerut ...	1,456,525	31,130	26,948	58,078	39.87	159	1	2
5	Bulandshahr ...	1,029,065	24,038	21,032	45,070	43.80	116	7	...
AGRA DIVISION									
6	Aligarh ...	1,022,986	19,275	16,625	35,900	35.09	599	2	82
7	Muttra ...	590,336	11,684	10,097	21,781	36.89	38	1	...
8	Agra ...	819,675	16,083	13,989	30,072	36.69	10	2	...
9	Mainpuri ...	722,840	12,325	10,089	22,414	31.01	16	...	...
10	Etah ...	802,567	14,853	12,634	27,487	34.25	141	3	346
ROHILKHAND DIVISION									
11	Bareilly ...	923,041	20,682	18,462	39,144	42.41	1,185	...	1,121
12	Bijnor ...	678,761	15,619	13,582	29,201	43.02	58	3	1,778
13	Budaun ...	934,903	21,487	19,432	40,919	43.77	481	1	859
14	Moradabad ...	1,046,254	25,649	23,217	48,866	46.70	244	69	698
15	Shahjahanpur ...	807,443	18,249	16,503	34,752	43.04	534	...	338
16	Pilibhit ...	401,442	9,134	8,085	17,219	42.89	15	...	139
ALLAHABAD DIVISION									
17	Farrukhabad ...	800,529	16,437	14,318	30,755	38.42	33	26	...
18	Etawah ...	699,057	12,058	10,528	22,586	32.31	36	1	...
19	Cawnpore ...	993,064	12,179	10,318	22,497	22.65	85	3	...
20	Fatehpur ...	669,842	11,951	10,426	22,377	33.41	35	5	...
21	Allahabad ...	1,318,018	18,535	16,215	34,750	26.36	62	6	...
JHANSI DIVISION									
22	Jhansi ...	582,910	12,498	11,056	23,554	40.41	2	1	...
23	Jalaun ...	399,523	7,548	6,747	14,295	35.78	30	...	...
24	Hamirpur ...	479,053	9,058	7,721	16,779	35.02	384	1	...
25	Banda ...	603,356	10,209	8,727	18,936	31.38	227	...	...
BENARES DIVISION									
26	Benares ...	815,341	14,273	12,604	26,877	32.96	464	133	546
27	Mirzapur ...	727,225	13,068	11,990	25,058	34.46	228	63	1
28	Jaunpur ...	1,198,396	16,709	14,690	31,399	26.20	161	123	188
29	Ghazipur ...	776,391	13,261	12,336	25,597	32.97	169	516	1,540
30	Ballia ...	894,947	13,783	11,591	25,374	28.35	151	178	848
GORAKHPUR DIVISION									
31	Gorakhpur ...	3,482,177	55,771	51,430	107,201	30.78	1,096	368	3,107
32	Basti ...	2,043,988	30,099	27,037	57,136	27.95	302	98	2,993
33	Azamgarh ...	1,519,684	25,047	22,750	47,797	31.45	307	242	1,644
KUMAUN DIVISION									
34	Naini Tal ...	244,981	3,929	3,796	7,725	31.53	3	1	13
35	Almora ...	583,302	12,739	12,516	25,255	43.30	...	14	...
36	Garhwal ...	533,885	11,181	10,693	21,874	40.97	197	2	...
LUCKNOW DIVISION									
37	Lucknow ...	536,375	10,149	9,443	19,592	36.53	89	4	...
38	Unao ...	839,418	12,148	10,497	22,645	26.98	9	10	...
39	Rae Bareilly ...	955,947	10,921	9,349	20,270	21.20	67	5	...
40	Sitapur ...	1,118,879	20,813	18,709	39,522	35.32	42	9	227
41	Hardoi ...	1,064,272	20,152	18,686	38,838	36.49	202	...	198
42	Kheri ...	926,982	17,759	15,724	33,483	36.12	210	72	114
FYZABAD DIVISION									
43	Fyzabad ...	1,123,620	17,044	14,664	31,708	28.22	148	76	1,175
44	Gonda ...	1,538,894	24,703	21,166	45,872	29.81	32	19	...
45	Bahraich ...	1,090,909	18,699	16,460	35,159	32.23	23	35	...
46	Sultanpur ...	1,039,950	15,188	12,780	27,918	26.84	20	7	9
47	Partabgarh ...	906,233	11,903	10,206	22,109	24.39	67	...	...
48	Bara Banki ...	1,035,223	17,956	15,868	33,824	32.67	72	52	...
Total of rural districts		44,664,807	797,840	706,236	1,504,076	33.67	8,633	2,302	20,384

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(having a population of 10,000 and upwards) and **districts** (exclusive of Provinces, during the year 1932.

8	9	10	11						12	13	14
Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries						All other causes	Total deaths from all causes	Number
			Suicide		Wounds or accidents	Snake-bite or killed by wild beasts	Rabies	Total			
			Male	Female							
3,555	117	222	1	..	27	8	..	36	308	4,026	1
22,632	49	115	5	9	163	10	3	190	280	25,547	2
15,822	144	257	22	21	181	12	30	266	470	17,235	3
29,143	28	328	16	39	200	13	4	272	271	30,204	4
27,159	63	106	10	25	168	29	1	233	137	27,821	5
20,957	51	71	11	29	152	18	5	215	1,653	23,630	6
10,306	75	153	7	14	58	15	2	96	477	11,146	7
13,958	29	105	25	43	236	24	7	335	1,891	16,330	8
13,451	1	22	11	66	197	59	5	338	397	14,225	9
15,242	84	129	18	54	171	37	7	287	1,133	17,365	10
29,536	48	71	6	19	198	204	11	438	1,294	33,693	11
17,350	29	30	10	13	133	99	2	257	2,083	21,588	12
27,243	44	43	21	52	272	253	10	608	400	29,679	13
31,194	187	342	7	6	195	85	2	295	425	33,454	14
21,134	14	77	17	20	125	52	9	223	2,779	25,099	15
10,895	13	19	8	9	104	70	4	195	1,137	12,413	16
18,513	49	135	21	47	222	34	4	328	2,627	21,711	17
12,916	27	95	11	30	194	40	2	277	2,400	15,752	18
13,527	26	166	10	18	255	83	5	371	1,239	15,417	19
8,543	18	171	5	17	227	62	1	312	3,045	12,129	20
16,793	39	128	11	28	380	128	1	548	3,698	21,274	21
13,676	21	104	20	48	185	63	2	318	2,578	16,700	22
7,525	14	377	4	23	61	35	6	129	1,652	9,727	23
11,293	4	2,818	15	51	162	56	..	284	136	14,920	24
10,639	7	37	3	15	177	119	2	316	2,105	13,331	25
11,177	20	29	19	13	198	70	4	304	3,009	15,682	26
12,274	14	28	8	16	176	100	5	305	3,018	15,931	27
14,097	27	65	8	34	401	167	..	610	3,467	18,738	28
10,183	28	52	3	19	279	89	5	395	2,077	14,960	29
7,826	273	86	3	9	221	93	20	346	1,983	11,694	30
39,821	75	131	9	42	960	483	31	1,532	5,620	51,750	31
24,851	21	38	3	10	408	157	3	581	5,996	34,880	32
21,348	70	111	12	51	641	240	7	951	4,077	28,750	33
6,728	63	125	6	9	52	20	1	88	214	7,235	34
11,098	599	471	13	19	105	22	8	167	440	12,789	35
10,704	2,064	452	12	29	138	24	1	204	367	13,990	36
11,337	43	193	4	6	128	24	6	168	2,034	13,868	37
15,338	78	184	7	11	204	81	12	315	1,424	17,358	38
12,143	12	48	7	20	182	57	1	367	832	13,474	39
24,451	28	79	27	36	316	111	12	502	2,459	27,797	40
25,016	55	26	23	38	196	164	4	425	2,357	28,279	41
20,424	24	47	20	38	231	105	13	407	1,703	23,001	42
15,207	30	79	4	9	232	78	5	328	2,908	19,951	43
23,938	37	77	6	17	341	239	5	608	2,807	27,518	44
20,399	12	21	11	9	274	140	6	440	4,884	25,814	45
13,032	22	12	18	14	277	125	2	436	2,270	15,808	46
11,049	16	101	6	17	304	33	4	364	1,288	12,885	47
18,479	38	83	11	16	291	130	10	458	2,647	21,829	48
803,622	4,830	8,659	535	1,185	11,098	4,360	290	17,468	92,499	958,397	

paragraphs 26 of Chapter II and 5, 9, 13, 18, 25, 29, 30, 32, 33 and 35 of Chapter III.]

ANNUAL FORM No. VI.

Deaths from **different causes** and births registered in the **towns** (having a population of 10,000 and upwards) and **districts** (exclusive of such towns) of the United Provinces, during the year 1932 - (contd.).

Number	Districts and towns	Popula- tion according to census of 1931	15 Ratio of deaths per 1,000 of population									From all causes	
			Cholera	Smallpox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	All other causes	For the year	Mean ratio of previous five years	
A.—Rural Districts— (concl.)													
MEERUT DIVISION													
1	Dehra Dun ...	184,872	·32	·16	...	17·61	·63	1·20	·19	1·67	21·78	21·10	
2	Saharanpur ...	873,052	·02	·01	2·58	25·92	·06	·13	·22	·32	29·26	30·47	
3	Muzaffarnagar ...	828,674	·01	·12	·20	19·09	·17	·31	·32	·57	20·80	23·60	
4	Meerut ...	1,456,525	·11	..	...	20·01	·02	·22	·19	·19	20·74	23·08
5	Bulandshahr ...	1,029,065	·11	·01	...	26·39	·06	·10	·23	·13	27·03	25·94	
AGRA DIVISION													
6	Aligarh ...	1,022,986	·58	...	·08	20·49	·05	·07	·21	1·61	23·10	23·32	
7	Muttra ...	590,336	·06	...	...	17·46	·13	·26	·16	·81	18·88	19·24
8	Agra ...	819,675	·01	...	...	17·03	·03	·13	·41	2·31	19·92	21·75
9	Mainpuri ...	722,840	·02	...	...	18·61	...	·03	·47	·55	19·68	19·75
10	Etah ...	802,567	·17	...	·43	18·99	·10	·16	·36	1·41	21·64	21·18	
ROHILKHAND DIVISION													
11	Barailly ...	923,041	1·28	...	1·21	32·00	·05	·08	·47	1·40	36·50	37·57	
12	Bijnor ..	678,761	·08	...	2·62	25·56	·04	·04	·38	3·07	31·80	34·45	
13	Budaun ...	934,903	·51	...	·92	29·14	·05	·04	·65	·43	31·74	27·91	
14	Moradabad ...	1,046,254	·23	·06	·67	29·81	·18	·33	·28	·41	31·97	33·12	
15	Shahjahanpur ...	807,443	·66	...	·42	26·17	·02	·09	·28	3·44	31·08	33·19	
16	Pilibhit ...	401,442	·04	...	·35	27·14	·03	·05	·49	2·83	30·92	38·18	
ALLAHABAD DIVISION													
17	Farrukhabad ...	800,529	·04	·03	..	23·12	·06	·17	·41	3·28	27·12	25·90	
18	Etawah ..	699,057	·05	...	...	18·48	·04	·13	·40	3·43	22·53	21·11
19	Cawnpore ...	993,064	·08	...	...	13·62	·03	·17	·37	1·25	15·52	17·28
20	Fatehpur ...	669,842	·05	...	...	12·75	·03	·25	·46	4·54	18·11	19·22
21	Allahabad ...	1,318,018	·05	...	...	12·74	·03	·10	·41	2·80	16·14	19·64
JHANSI DIVISION													
22	Jhansi ...	582,910	...	...	...	23·46	·04	·18	·54	4·42	28·65	33·77
23	Jalaun ...	399,523	·07	...	...	18·83	·03	·94	·32	4·13	24·35	23·76
24	Hamirpur ...	479,053	·80	...	...	23·57	...	5·88	·59	·28	31·12	30·48
25	Banda ...	603,356	·38	...	...	17·63	·01	·06	·52	3·49	22·09	23·79
BENARES DIVISION													
26	Benares ...	815,341	·57	·16	·67	13·71	·02	·03	·37	3·69	19·23	23·03	
27	Mirzapur ...	727,225	·31	·09	...	16·88	·02	·04	·42	4·15	21·91	25·34	
28	Jaunpur ...	1,198,396	·13	·10	·16	11·76	·02	·05	·51	2·89	15·63	20·83	
29	Ghazipur ...	776,391	·22	·66	1·98	13·11	·04	·07	·51	2·67	19·27	26·48	
30	Ballia ...	894,947	·17	·20	·95	8·74	·30	·10	·39	2·22	13·07	21·33	
GORAKHPUR DIVISION													
31	Gorakhpur ...	3,482,177	·31	·10	·89	11·43	·02	·04	·44	1·61	14·86	20·96	
32	Basti ...	2,043,988	·15	·05	1·46	12·16	·01	·02	·28	2·93	17·06	21·91	
33	Azamgarh ...	1,519,684	·20	·16	1·08	14·05	·05	·07	·62	2·68	18·92	25·70	
KUMAUN DIVISION													
34	Naini Tal ...	244,981	·01	...	·05	27·46	·26	·51	·36	·87	29·53	33·08	
35	Almora ...	583,302	...	·02	...	19·02	1·03	·81	·29	·75	21·92	24·35	
36	Garhwal ...	533,885	·37	...	...	20·05	3·86	·85	·38	·69	26·20	28·81
LUCKNOW DIVISION													
37	Lucknow ...	536,375	·16	·01	...	21·14	·08	·36	·31	3·79	25·85	27·85	
38	Unao ...	839,418	·01	·01	...	18·27	·09	·22	·37	1·70	20·68	21·59	
39	Rae Bareilly ...	955,947	·07	...	...	12·70	·01	·05	·38	·87	14·09	17·92
40	Sitapur ...	1,118,879	·04	·01	·20	21·85	·02	·07	·45	2·20	24·84	23·08	
41	Hardoi ...	1,064,272	·19	...	·19	23·50	·05	·02	·40	2·21	26·57	22·89	
42	Kheri ...	926,982	·23	·08	·12	22·03	·02	·05	·44	1·84	24·81	26·95	
FYZABAD DIVISION													
43	Fyzabad ...	1,123,620	·13	·07	1·04	13·53	·03	·07	·29	2·59	17·75	23·68	
44	Gonda ...	1,538,894	·02	·01	...	15·55	·02	·05	·39	1·82	17·88	17·10	
45	Babraich ...	1,090,909	·02	·03	...	18·70	·01	·02	·40	4·48	23·66	23·71	
46	Sultanpur ...	1,039,950	·02	·01	·01	12·53	·02	·01	·42	2·18	15·20	24·16	
47	Partabgarh ...	906,233	·07	...	...	12·19	·02	·11	·40	1·42	14·22	20·54
48	Bara Banki ...	1,035,223	·07	·05	...	17·85	·04	·08	·44	2·56	21·09	23·14	
Total of rural districts		44,664,807	·19	·05	·46	17·99	·11	·19	·39	2·07	21·46	24·04	

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Deaths from **different causes** and births registered in the **towns** (having a population of 10,000 and upwards) and **districts** (exclusive of such towns) of the United Provinces during the year 1932—(contd.).

1 Number	2 Districts	3 Towns	4 Popula- tion according to census of 1931	5 Births.			Birth-rate per 1,000 of population	6 Cholera	7 Small-pox	8 Plague
				Male	Female	Total				
		<i>B.—Towns.</i>								
1	Dehra Dun	Dehra ...	40,409	924	870	1,794	44.40	12	8	..
2		Mussooree ...	(a) 4,966	79	89	168	15.22	..	1	..
3	Saharanpur	Saharanpur ...	78,655	2,007	1,910	3,917	49.80	21	..	21
4		Hardwar Union ...	33,287	711	649	1,360	40.86	44	1	117
5		Deoband ...	22,126	643	601	1,244	56.22	..	..	2
6		Roorkee ...	13,944	315	284	599	42.96	10	..	5
7		Gangoh ...	12,812	378	322	700	54.64	..	..	..
8	Muzaffar- nagar.	Manglaur ...	10,044	211	253	464	46.20	1	..	9
9		Muzaffarnagar ...	35,347	892	823	1,715	48.52	5	1	..
10		Kairana ...	19,589	496	435	931	47.53	..	..	..
11		Kandhla ...	11,052	233	239	472	42.71	..	..	..
12	Meerut	Meerut ...	91,181	1,716	1,498	3,214	35.25	..	44	..
13		Hapur ...	25,116	615	637	1,252	49.85	22	..	..
14		Ghaziabad ...	18,831	512	339	851	45.19	..	4	..
15		Sardhana ...	10,265	219	186	405	39.45	8	..	..
16	Buland- shahr.	Khurja ...	31,279	825	660	1,485	47.47	..	..	..
17		Bulandshahr ...	24,898	556	497	1,053	43.29	..	..	..
18		Sikandrabad ...	18,974	519	495	1,014	53.44	..	..	..
19		Debai ...	11,269	282	254	536	47.56	11	..	..
20	Aligarh	Jahangirabad ...	10,745	343	271	614	57.14	..	..	..
21		Shikarpur ...	10,655	306	274	580	54.43	1	..	..
22		Aligarh or Koil ...	83,878	1,722	1,591	3,313	39.50	2	..	..
23		Hathras ...	39,784	1,123	1,119	2,242	56.35	12	..	..
24	Muttra	Atrauli ...	14,922	428	418	846	56.69	54	..	2
25		Sikandra Rao ...	10,175	251	270	521	51.20	8	1	1
26	Agra	Muttra ...	60,590	1,653	1,553	3,206	52.91	15	..	..
27		Brindaban ...	17,148	319	340	659	38.43	18	..	..
28	Mainpuri	Agra ...	205,487	6,469	5,930	12,399	60.34	..	..	..
29		Firozabad ...	23,154	465	443	908	39.21	..	..	..
30	Etah	Mainpuri ...	14,923	102	66	168	11.25	..	..	..
31		Shikohabad ...	11,865	133	112	245	20.65	..	..	..
32	Bareilly	Kasganj ...	23,100	495	421	916	39.65	41	..	8
33		Soron ...	12,200	325	300	625	51.23	12	..	..
34	Bijnor	Etah ...	11,473	247	260	507	44.19	34	..	14
35		Jalesar ...	11,138	297	268	565	50.73	..	..	..
36	Moradabad	Bareilly ...	134,179	3,475	3,286	6,761	50.89	189	..	261
37		Aonla ...	15,159	400	337	737	48.62	12	..	8
38	Bijnor	Najibabad ...	(d) 28,473	551	582	1,133	50.90	4	..	1
39		Nagina ...	25,427	530	570	1,100	43.26	1	5	1
40	Budaun	Bijnor ...	23,520	588	540	1,128	47.96	3	..	1
41		Kiratpur ...	17,205	489	434	923	53.65	3	7	22
42	Farrukhabad	Sherkot ...	15,997	286	245	531	33.19	..	..	6
43		Chandpur ...	13,999	355	358	713	50.93	5	..	205
44	Moradabad	Seohara ...	11,130	180	146	326	29.29	1	..	10
45		Nehtaur ...	10,752	104	100	204	18.97	..	..	..
46	Shahjahan- pur.	Dhampur ...	10,205	281	217	498	48.80	1	1	2
47		Budaun ...	45,455	1,186	1,076	2,262	49.76	165	1	2
48	Pilibhit	Sahaswan ...	17,644	522	500	1,022	57.92	5	1	..
49		Ujhani ...	12,178	297	238	535	43.93	..	..	21
50	Farrukhabad	Moradabad ...	110,562	2,863	2,771	5,634	50.87	5	..	6
51		Amroha ...	44,948	1,316	1,340	2,656	59.09	..	..	..
52	Shahjahan- pur.	Sambhal ...	44,300	1,272	1,235	2,507	56.59	..	..	..
53		Chandausi ...	26,768	740	681	1,421	53.08	6	..	..
54	Pilibhit	Hasanpur ...	11,276	222	191	413	36.63	..	..	3
55		Shahjahanpur ...	79,316	1,674	1,474	3,148	39.69	71	1	63
56	Farrukhabad	Tilhar ...	18,372	510	528	1,038	56.50	16	1	3
57		Pilibhit ...	36,892	1,047	1,006	2,053	55.65	14	..	1
58	Farrukhabad	Bisalpur ...	10,504	206	264	530	50.46	5	..	119
59		Farrukhabad-cum- Fatehgarh.	56,503	1,500	1,399	2,959	52.37	..	10	..
60		Kanauj ...	20,360	375	339	714	35.07	..	..	..

(a) Rates calculated on average population 11,040.

(d) Rates calculated on normal population 27,261.

Deaths from **different causes** and births registered in the **towns**
(such towns) of the United Provinces

1	2	3	4	9	10	11	12			
Number	Districts	Towns	Popula- tion according to census of 1931	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries			
							Suicide.		Wounds or acci- dents	Snake-bite or killed by wild beasts
							Male	Female		
	B.	Towns—(contd.).								
1		Dehra Dun { Dehra	40,409	252	121	418	1	...	17	1
2		Mussooree ...	(a) 4,966	11	4	40	...	...	1	...
3		Saharanpur ...	78,655	1,878	114	360	...	1	46	1
4		Hardwar Union ...	33,287	767	151	208	1	...	23	1
5		Deoband ...	22,126	403	26	39	...	...	10	...
6		Roorkee ...	13,944	277	51	51	...	...	7	...
7		Gangoh ...	12,812	295	14	1	...	...	2	...
8		Manglaur ...	10,044	145	12	20	...	...	1	...
9		Muzaffarnagar { Muzaffarnagar	35,347	618	59	17	2	...	28	...
10		Kairana ...	19,589	507	...	...	...	...	...	...
11		Kandhla ...	11,052	229	...	10	...	...	...	...
12		Meerut { Meerut	91,181	881	73	400	...	...	32	1
13		Hapur ...	25,116	364	130	142	...	...	26	...
14		Ghaziabad ...	18,831	409	5	21	...	...	4	...
15		Sardhana ...	10,265	151	5	5	...	...	5	...
16		Khurja ...	31,279	489	120	276	2	1	25	...
17		Bulandshahr { Bulandshahr	24,898	461	20	55	...	...	12	...
18		Sikandrabad ...	18,974	387	30	92	...	...	3	...
19		Debai ...	11,269	322	2	10	...	...	3	...
20		Jahangirabad ...	10,745	281	...	50	...	...	1	...
21		Shikarpur ...	10,655	290	39	43	...	...	4	2
22		Aligarh or Koil ...	83,878	444	365	501	...	...	60	1
23		Hathras ...	39,784	561	165	315	2	1	38	...
24		Atrauli ...	14,922	214	60	9	...	...	3	...
25		Sikandra Rao ...	10,175	131	39	80	...	...	6	1
26		Muttra { Muttra	60,590	1,436	67	264	...	1	28	1
27		Brindaban ...	17,148	429	89	115	...	...	3	...
28		Agra { Agra	205,487	1,110	688	2,974	4	3	327	...
29		Firozabad ...	23,154	236	54	83	2	...	13	1
30		Mainpuri { Mainpuri	14,923	100	...	...	...	...	...	...
31		Shikohabad ...	11,865	133	2	4	...	...	5	...
32		Kasganj ...	23,100	367	28	18	...	...	74	...
33		Soron ...	12,200	317	26	24	...	...	4	...
34		Etah { Etah	11,473	157	32	69	2	...	80	1
35		Jalesar ...	11,138	407	...	...	...	...	...	...
36		Bareilly { Bareilly	134,179	1,576	165	1,016	1	...	73	2
37		Aonla ...	15,159	428	23	5	...	...	5	...
38		Najibabad ...	(d) 28,473	372	25	20	1	...	9	...
39		Nagina ...	25,427	270	68	19	...	1	22	3
40		Bijnor { Bijnor	23,520	314	52	65	...	...	58	...
41		Kiratpur ...	17,205	197	46	42	...	...	12	...
42		Sherkot ...	15,997	320	...	1	2	1	1	2
43		Chandpur ...	13,999	242	50	20	...	...	30	...
44		Seohara ...	11,130	141	14	27	1	...	4	...
45		Nehtaur ...	10,752	140	3	2	...	...	...	1
46		Dhampur ...	10,205	161	33	10	1	...	2	...
47		Budaun { Budaun	45,455	701	89	371	1	...	43	2
48		Sahaswan ...	17,644	456	48	51	...	...	18	...
49		Ujhani ...	12,178	321	7	9	...	...	...	2
50		Moradabad { Moradabad	110,562	1,532	304	877	4	...	53	...
51		Amroha ...	44,948	448	138	329	2	1	26	...
52		Sambhal ...	44,300	464	298	507	1	1	19	1
53		Chandausi ...	26,768	377	123	153	...	...	11	1
54		Hasanpur ...	11,276	155	19	36	...	...	7	...
55		Shahjahanpur { Shahjahanpur	79,316	963	256	387	...	...	29	4
56		Tilhar ...	18,372	383	10	61	...	...	14	...
57		Pilibhit { Pilibhit	36,892	607	66	245	1	...	22	4
58		Bisalpur ...	10,504	275	9	49	...	...	4	...
59		Farrukhabad-cum- Fatehgarh.	56,503	929	286	570	1	3	59	2
60		Kanaaj ...	20,360	228	24	68	2	...	7	...

(a) Rates calculated on average population 11,040.

(d) Rates calculated on normal population 22,261.

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(having a population of 10,000 and upwards) and **districts** (exclusive of during the year 1932 - (continued).

		13	14	15										16
				Ratio of deaths per 1,000 of population										
				From all causes										
Rabies	Total	All other causes	Total deaths from all causes	Cholera	Small-pox	Plague	Fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	All other causes	For the year	Mean ratio of previous five years	Number
..	19	440	1,270	30	20	..	6.24	2.99	10.34	47	10.89	31.43	33.61	1
..	1	35	92	..	09	..	1.00	36	3.62	09	3.17	8.33	9.71	2
..	48	676	3,118	27	..	27	38.87	1.45	4.58	61	8.59	39.64	49.09	3
..	25	369	1,682	1.32	03	3.51	23.04	4.54	6.25	75	11.08	50.53	45.80	4
..	10	206	686	..	..	09	18.21	1.17	1.76	45	9.31	31.00	37.43	5
..	7	96	497	72	..	36	19.86	3.66	3.66	50	6.88	35.64	37.57	6
..	2	46	358	..	..	..	23.02	1.09	08	16	3.59	27.94	33.79	7
1	2	34	223	10	..	90	14.44	1.19	1.99	20	3.38	22.20	(c)	8
..	30	172	902	14	03	..	17.48	1.67	48	85	4.87	25.52	29.31	9
..	..	5	512	..	..	..	25.88	..	..	..	25	26.14	27.98	10
..	..	10	249	..	..	..	20.72	..	90	..	90	22.53	26.22	11
1	34	274	1,706	..	48	..	9.66	80	4.39	37	3.00	18.71	22.74	12
..	26	164	848	87	..	..	14.49	5.17	5.65	1.03	6.53	33.76	33.68	13
..	4	5	448	..	21	..	21.72	26	1.11	21	26	23.79	22.31	14
..	5	25	199	78	..	..	14.71	49	49	49	2.43	19.39	(c)	15
..	28	111	1,024	..	..	..	15.63	3.84	8.82	89	3.55	32.74	40.12	16
3	15	72	623	..	..	..	18.51	80	2.21	60	2.89	25.02	32.24	17
..	3	187	649	..	..	..	20.39	1.58	4.85	16	7.22	34.20	30.36	18
..	3	9	357	97	..	..	28.57	18	89	27	80	31.68	(c)	19
..	1	4	336	..	..	..	26.15	..	4.65	09	37	31.27	29.20	20
..	6	81	460	09	..	..	27.22	3.66	4.03	56	7.60	43.17	(c)	21
..	61	386	1,759	02	..	..	5.29	4.35	5.97	73	4.60	20.97	34.40	22
..	41	676	1,770	30	..	..	14.10	4.15	7.92	1.03	16.99	44.49	47.00	23
..	3	268	610	3.62	..	13	14.34	4.02	60	20	17.96	40.88	36.87	24
..	7	90	357	79	10	10	12.87	3.83	7.86	69	8.84	35.08	(c)	25
..	30	410	2,222	25	..	..	23.70	1.10	4.36	49	6.77	36.67	46.24	26
1	4	102	757	1.05	..	..	25.02	5.19	6.70	23	5.95	44.14	56.53	27
4	338	2,472	7,582	..	..	..	5.40	3.35	14.47	1.64	12.03	36.90	44.62	28
..	16	168	557	..	..	..	10.19	2.33	3.58	69	7.25	24.06	30.18	29
..	..	1	101	..	..	..	6.70	..	..	..	06	6.76	9.50	30
..	5	1	145	..	..	..	11.21	17	34	42	08	12.22	17.75	31
..	74	16	552	1.77	..	35	15.89	1.21	78	3.20	69	23.90	26.48	32
..	4	101	484	98	..	..	25.98	2.13	1.97	33	8.28	39.67	42.19	33
..	83	43	437	2.96	..	1.22	13.68	2.79	6.01	7.23	4.18	38.09	(c)	34
..	..	47	454	..	..	..	36.54	..	..	..	4.22	40.76	(c)	35
..	76	1,254	4,537	1.41	..	1.94	11.74	1.23	7.57	57	9.34	33.81	31.83	36
..	5	106	587	79	..	53	28.23	1.52	33	33	6.99	38.72	46.13	37
..	10	238	670	18	..	04	16.71	1.12	90	45	10.69	30.10	46.08	38
1	27	273	664	04	20	04	10.62	2.67	75	1.06	10.73	26.11	40.14	39
..	58	98	591	13	..	04	13.35	2.21	2.76	2.46	4.17	25.13	36.69	40
..	12	285	614	17	41	1.28	11.45	2.67	2.44	70	16.56	35.69	30.37	41
..	6	..	333	..	..	37	20.00	..	06	37	..	20.82	21.84	42
..	30	212	764	36	..	14.64	17.29	3.57	1.43	2.14	15.14	54.57	42.12	43
..	5	8	206	09	..	90	12.67	1.26	2.42	45	72	18.51	(c)	44
..	1	2	148	..	..	..	13.02	28	18	09	18	13.76	(c)	45
..	3	97	308	10	10	19	15.78	3.23	98	29	9.50	30.18	(c)	46
1	46	480	1,855	3.63	02	04	15.42	1.96	8.16	1.01	10.56	40.81	41.53	47
..	18	127	709	28	06	..	25.84	2.72	3.06	1.02	7.20	40.18	43.55	48
..	2	8	368	..	..	1.72	26.36	57	74	16	66	30.22	33.67	49
1	58	676	3,458	04	..	05	13.86	2.75	7.93	52	6.11	31.28	42.83	50
..	29	529	1,473	..	..	..	9.97	3.07	7.32	64	11.77	32.77	37.24	51
..	22	153	1,444	..	..	..	10.47	6.73	11.44	50	3.45	32.59	43.76	52
..	12	249	920	22	..	..	14.08	4.59	5.71	45	9.30	34.37	39.23	53
..	7	2	222	..	..	27	13.75	1.68	3.19	62	18	19.69	(c)	54
1	34	457	2,232	89	01	79	12.14	3.23	4.88	43	5.76	28.14	32.39	55
..	14	330	818	87	05	16	20.85	54	3.32	76	17.96	44.52	49.24	56
..	27	479	1,439	38	..	03	16.45	1.79	6.64	73	12.93	39.00	54.38	57
..	4	63	524	47	..	11.33	26.18	86	14.66	38	6.00	49.88	(c)	58
1	66	694	2,555	..	18	..	16.44	5.06	0.09	1.17	12.28	45.22	44.54	59
..	9	81	410	..	..	..	11.20	1.18	3.34	44	3.98	20.14	22.29	60

(c) Population increased in 1931.

Deaths from **different causes** and births registered in the **towns**
(such towns) of the United Provinces during

1	2	3	4	5				6	7	8
Number	Districts	Towns	Popula- tion according to census of 1931	Births			Birth-rate per 1,000 of popu- lation	Cholera	Small-pox	Plague
				Male	Female	Total				
		<i>B.—Towns— (contd.).</i>								
61	Etawah	Etawah	46,948	1,354	1,271	2,625	55.91	1	...	...
62	Cawnpore	Cawnpore	219,189	6,178	5,789	11,967	54.60	21	8	...
63	Fatehpur	Fatehpur	18,947	453	410	863	45.55	...	...	...
64	Allahabad	Allahabad	173,895	3,955	3,663	7,618	43.81	25	2	1
65	Jhansi	Jhansi	64,591	1,917	1,748	3,665	56.74	...	...	...
66		Garhia Phatak	16,400	390	361	751	45.79	...	1	...
67		Lalitpur	13,715	374	315	689	50.24	...	...	...
68		Mau	12,797	321	345	676	52.82	...	1	...
69	Jalaun	Konch	15,150	439	360	799	52.74	2	...	...
70		Orai	11,349	285	297	582	51.28	...	...	...
71	Hamirpur	Mahoba	13,164	236	199	435	33.04	...	...	...
72		Rath	10,472	299	310	609	58.15	...	...	...
73	Banda	Banda	22,415	207	149	356	15.88	1	...	...
74	Benares	Benares	201,037	5,693	5,408	11,101	55.22	76	16	44
75	Mirzapur	Mirzapur-Bin- dhachal.	61,184	1,284	1,151	2,435	39.80	4	2	...
76	Jaunpur	Jaunpur	37,675	649	581	1,231	32.67	...	2	3
77	Ghazipur	Ghazipur	27,498	540	534	1,074	39.06	1	16	...
78		Reotipur	10,605	168	141	309	29.14	...	7	1
79		Gabmar	10,477	166	164	330	31.50	...	25	...
80	Ballia	Ballia	18,143	247	182	429	23.64	12	1	...
81	Gorakhpur	Gorakhpur	59,369	1,297	1,262	2,559	43.10	29	12	5
82		Gaura Barhaj	14,286	332	310	642	44.94	...	3	...
83		Gorakhpur notified area.	11,729	166	152	318	27.11	...	1	...
84	Basti	Basti	22,526	263	223	486	21.57	5	33	...
85		Mehndawal...	11,510	231	198	429	37.27	20	3	...
86	Azamgarh	Mau	21,354	343	316	659	30.86	3	117	28
87		Azamgarh	18,046	267	243	510	28.26	...	2	5
88		Mubarakpur	12,493	182	174	356	28.49	...	...	...
89	Naini Tal	Haldwani- Kathgolam- Ranibagh.	11,288	186	160	346	30.65	1	...	...
90		Kashipur	11,276	277	236	513	45.49	3	...	96
91		Naini Tal	(b) 9,741	202	194	396	29.21	...	...	...
92	Lucknow	Lucknow	251,097	6,411	6,043	12,459	49.62	19	87	...
93	Unao	Unao	16,282	217	229	446	27.39	1	...	...
94	Rae Bareli	Rae Bareli	18,180	430	373	803	44.17	...	21	...
95	Sitapur	Sitapur	24,720	617	530	1,147	46.40	...	8	1
96		Khairabad	12,160	309	306	615	50.57	...	...	...
97		Laharpur	11,380	323	283	606	53.25	...	...	...
98	Hardoi	Shahabad	21,101	324	286	610	28.91	8	...	...
99		Hardoi	17,069	228	200	428	25.66	2	...	...
100		Sandila	15,034	425	429	854	56.80	1	1	...
101	Kheri	Mullawan	10,150	233	229	462	45.52	...	...	...
102		Lakhimpur...	17,497	316	312	628	35.83	4	...	...
103	Fyzabad	Fyzabad-	59,992	719	653	1,372	22.87	18	6	12
104		Ajodhya.								
105	Gonda	Tanda	21,177	468	462	930	43.91	4	1	3
106		Balrampur	19,659	455	401	856	43.54	...	...	...
107	Bahraich	Gonda	17,450	305	244	549	31.46	...	1	...
108		Bahraich	33,783	595	552	1,147	33.95	1	13	...
109	Sultanpur	Nanpara	11,656	243	230	473	40.58	...	...	...
110		Sultanpur	11,334	187	165	352	31.06	...	...	...
111	Bara Banki	Nawabganj...	16,743	307	229	536	32.01	2	...	...
		Rudauli	11,813	282	249	531	44.95	...	...	...
	Total of Towns		3,743,956	90,205	83,791	173,996	46.47	1,101	477	1,113
	Total of Rural districts		44,664,807	797,840	706,236	1,504,076	33.67	8,633	2,302	20,384
	Total for the Province		48,408,763	888,045	790,027	1,678,072	34.66	9,734	2,779	21,497

(b) Rates calculated on average population 13,558.

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(having a population of 10,000 and upwards) and **districts** (exclusive of the year 1932—(continued).

9	10	11	12						13	14	15			16
Fever	Dy- sen- tery and diarr- hoea	Res- pira- tory dis- eases	Injuries						All other causes	Total deaths from all causes	Ratio of deaths per 1,000 of population			
			Suicide.		Wounds or ac- cidents.	Snake-bite or killed by wild beasts	Rabies	Total			Cholera	Small-pox	Plague	
			Male.	Female.										
1,150	68	241	...	...	59	...	...	59	646	2,165	·02	...	...	61
1,423	485	3,794	3	...	67	...	1	71	1,901	7,703	·09	·04	...	62
254	33	135	1	1	27	1	1	31	138	591	...	...	...	63
1,553	218	1,151	...	2	64	...	3	69	1,787	4,806	·14	·01	...	64
1,477	51	189	2	1	18	4	1	26	607	2,350	..	...	...	65
219	24	86	1	...	10	...	...	11	134	475	...	·06	...	66
263	41	50	...	...	15	...	...	15	108	477	...	...	...	67
453	13	53	...	...	9	...	...	9	85	614	...	·08	...	68
271	11	140	...	...	...	1	...	1	24	449	·13	...	...	69
159	17	23	1	1	6	...	...	8	71	278	...	...	...	70
185	3	29	...	...	1	...	...	1	16	234	...	...	...	71
128	41	156	1	1	15	1	1	19	152	496	...	...	...	72
182	4	27	...	1	11	1	...	13	71	298	·04	...	...	73
4,870	769	1,924	11	3	240	13	4	271	2,127	10,097	·38	·08	·22	74
590	100	184	...	1	32	...	...	33	258	1,171	·06	·03	...	75
365	46	87	...	...	32	4	1	37	216	756	...	·05	·08	76
336	15	14	...	...	22	...	...	22	87	491	·04	·58	...	77
115	...	...	...	...	6	1	...	7	39	169	...	·66	·09	78
144	1	1	...	1	3	...	...	4	19	194	...	2·39	...	79
61	14	8	1	...	9	1	1	12	131	239	·66	·05	...	80
602	105	368	2	...	67	1	2	72	521	1,714	·49	·20	·08	81
176	38	33	...	...	10	2	1	13	84	347	...	·21	...	82
122	3	...	...	...	2	...	...	2	6	134	...	·08	...	83
511	6	36	...	...	9	...	...	9	77	377	·22	1·46	...	84
110	49	28	...	...	10	...	...	10	35	255	1·74	·26	...	85
143	80	51	...	...	10	1	1	12	87	471	·14	5·48	1·31	86
142	33	99	...	...	4	1	...	5	80	366	...	·11	·28	87
11	11	55	...	...	8	...	...	8	47	142	...	...	...	88
164	4	40	1	...	4	1	1	7	25	241	·09	...	...	89
110	57	187	1	1	4	...	...	6	68	527	·27	...	8·51	90
66	10	78	2	1	1	...	...	4	76	234	...	...	...	91
1,168	476	3,167	5	...	81	4	...	90	3,465	8,472	·07	·35	...	92
193	9	11	...	...	6	...	...	6	99	319	·06	...	...	93
257	25	140	...	...	3	1	1	5	68	516	...	1·15	...	94
445	45	72	...	...	10	3	...	13	267	851	...	32	·04	95
282	20	7	...	...	4	...	1	5	97	411	...	...	...	96
188	7	6	...	...	3	3	1	7	50	258	...	...	...	97
253	26	7	...	1	1	1	...	3	63	360	·38	...	...	98
230	6	9	...	...	6	...	...	6	25	278	·12	...	...	99
252	39	89	...	...	11	1	...	12	172	566	·07	·07	...	100
205	15	26	1	1	2	...	...	4	51	301	...	...	...	101
203	15	22	...	1	8	...	...	9	69	322	·23	...	...	102
419	135	187	...	...	24	3	...	27	266	1,070	·30	·10	·20	103
275	41	57	...	...	14	1	...	15	142	533	·19	05	·14	104
434	11	45	...	...	17	2	33	52	63	605	...	...	...	105
197	13	3	...	...	...	...	...	...	102	316	...	·06	...	106
472	21	96	...	...	19	1	1	21	138	762	·03	·38	...	107
236	14	28	...	...	11	...	...	11	86	375	...	...	...	108
116	4	72	...	...	1	...	1	2	3	197	...	...	...	109
159	12	48	...	...	11	...	...	11	59	291	·12	...	...	110
136	25	45	...	...	3	3	...	6	72	284	...	...	...	111
49,634	8,006	25,071	67	31	2,428	91	71	2,688	29,738	117,828	·29	·13	·30	
803,622	4,830	8,659	535	1,185	11,098	4,360	290	17,468	92,499	958,397	·19	·05	·45	
853,256	12,896	33,730	602	1,216	13,526	4,451	361	20,156	122,237	1,076,225	·20	·06	·44	

Paragraphs 26 of Chapter II and 4, 8, 12, 17, 24, 28, 30, 31, 33 and 34 of Chapter III]

ANNUAL FORM NO. VI

Deaths from **different causes** and births registered in the **towns** (having a population of 10,000 and upwards) and **districts** (exclusive of such towns) of the United Provinces during the year 1932—(concluded).

1	2	3	4	15						
Number	Districts	Towns	Popula- tion according to census of 1931	Ratio of deaths per 1,000 of population						
				Fever	Dysentery and diarrhoea	Respiratory dis- eases	Injuries	All other causes	From all causes	
									For the year	Mean ratio of previ- ous five years
B.—Towns—(concl.).										
61	Etawah ...	Etawah ...	46,948	24.49	1.45	5.13	1.26	13.76	46.11	51.19
62	Cawnpore ...	Cawnpore ...	219,189	6.49	2.21	17.31	.32	8.67	35.14	44.29
63	Fatehpur ...	Fatehpur ...	18,947	13.40	1.74	7.12	1.64	7.28	31.19	36.52
64	Allahabad ...	Allahabad ...	173,895	8.93	1.25	6.62	.40	10.28	27.64	34.90
65	Jhansi ...	Jhansi ...	64,591	22.87	.79	2.92	.40	9.40	36.38	46.80
66		Garhia Phatak ...	16,400	13.35	1.46	5.24	.67	8.17	28.96	(c)
67		Lalitpur ...	13,715	19.18	2.99	3.64	1.09	7.87	34.78	44.08
68		Mau ...	12,797	35.40	1.01	4.14	.70	6.64	47.98	50.94
69	Jalaun ...	Konch ...	15,150	17.89	.73	9.24	.07	1.58	29.64	33.91
70		Orai ...	11,349	14.01	1.50	2.03	.70	6.25	24.49	(c)
71	Hamirpur ...	Mahoba ...	13,164	14.05	.23	2.20	.07	1.21	17.77	29.01
72		Rath ...	10,472	12.22	3.91	14.90	1.81	14.51	47.36	(c)
73	Banda ...	Banda ...	22,415	8.12	.18	1.20	.58	3.17	13.29	20.32
74	Benares ...	Benares ...	201,037	24.22	3.82	9.57	1.35	10.58	50.22	56.07
75	Mirzapur ...	Mirzapur-Bin- dhachal.	61,184	9.64	1.63	3.01	.54	4.22	19.14	25.43
76	Jaunpur ...	Jaunpur ...	37,675	9.69	1.22	2.31	.98	5.73	20.07	25.80
77	Ghazipur ...	Ghazipur ...	27,498	12.22	.54	.51	.80	3.16	17.85	23.64
78		Reotipur ...	10,605	10.84	...	...	.66	3.68	15.93	(c)
79	Ballia ...	Gahmar ...	10,477	13.74	.09	.09	.38	1.81	18.52	(c)
80		Ballia ...	18,143	3.36	.77	.44	.66	7.22	13.17	16.84
81	Gorakhpur ...	Gorakhpur ...	59,369	10.14	1.77	6.20	1.21	8.77	28.87	40.31
82		Gaura Barhaj ...	14,286	12.32	2.66	2.31	.91	5.88	24.29	29.70
83	Gorakhpur ...	Gorakhpur (no- tified area.	11,729	10.40	.25	...	.17	.51	11.42	(c)
84	Basti ...	Basti ...	22,526	9.37	.27	1.60	.40	3.42	16.74	20.65
85		Mehndawal ...	11,510	9.55	4.26	2.43	.87	3.04	22.15	(c)
86	Azamgarh ...	Mau ...	21,354	6.70	1.40	2.39	.56	4.07	22.06	25.30
87		Azamgarh ...	18,046	7.87	1.83	5.48	.28	4.43	20.28	27.27
88	Haldwani- Kathgodam.	Mubarakpur ...	12,493	.88	.88	5.20	.64	3.76	11.37	27.95
89		Ranibagh ...	11,288	14.53	.35	3.54	.62	2.21	21.35	(c)
90	Naini Tal ...	Kashi pur ...	11,276	9.75	5.05	16.58	.53	6.03	46.74	40.66
91		Naini Tal ...	(b) 9,741	4.87	.74	5.75	.29	5.60	17.26	20.59
92	Lucknow ...	Lucknow ...	251,097	4.65	1.89	12.61	.36	13.80	33.74	48.43
93	Unao ...	Unao ...	16,282	11.85	.55	.66	.37	6.08	19.59	28.98
94	Rae Bareli ...	Rae Bareli ...	18,180	14.14	1.37	7.70	.27	3.74	28.38	37.01
95		Sitapur ...	24,720	18.00	1.82	2.91	.52	10.80	34.42	42.81
96	Sitapur ...	Khairabad ...	12,160	23.19	1.64	.57	.41	7.98	33.80	36.74
97		Laharpur ...	11,380	16.52	.61	.53	.61	4.39	22.67	30.02
98	Hardoi ...	Shahabad ...	21,101	11.99	1.23	.33	.14	2.98	17.06	32.49
99		Hardoi ...	17,069	13.47	.35	.53	.35	1.46	16.29	24.51
100	Kheri ...	Sandila ...	15,034	16.76	2.59	5.92	.80	11.44	37.65	48.08
101		Mallawan ...	10,150	20.20	1.48	2.56	.39	5.02	29.65	(c)
102	Fyzabad ...	Lakhimpur ...	17,497	11.60	.86	1.26	.51	3.94	18.40	26.85
103		Fyzabad ...	59,992	6.98	2.25	3.12	.45	4.43	17.83	27.25
104	Gonda ...	Ajodhya ...	21,177	12.98	1.94	2.69	.71	6.70	25.40	38.69
105		Balrampur ...	19,659	22.08	.56	2.29	2.64	3.20	30.77	34.08
106	Bahraich ...	Gonda ...	17,450	11.29	.74	.17	...	5.84	18.11	28.12
107		Bahraich ...	33,783	13.97	.62	2.84	.62	4.03	22.55	25.77
108	Sultanpur ...	Nanpara ...	11,656	20.25	1.20	2.40	.94	7.38	32.17	36.75
109		Sultanpur ...	11,334	10.23	.35	6.35	.18	.26	17.38	(c)
110	Bara Banki...	Nawabganj ...	16,743	9.49	.72	2.87	.66	3.52	17.38	20.03
111		Rudauli ...	11,813	11.51	2.12	3.81	.51	6.09	24.04	37.33
Total of Towns ...			3,743,956	13.26	2.14	6.69	.72	7.94	31.47	38.67
Total of Rural districts ...			44,664,807	17.99	.11	.19	.39	2.07	21.46	24.04
Total for the Province ...			48,408,763	17.63	.26	.70	.42	2.52	22.23	25.03

(b) Rates calculated on average population 13,558.

(c) Population increased in 1931.

Paragraphs 23 of Chapter II and 19 and 36 of Chapter III]

SUPPLEMENTARY ANNUAL FORM No. VI(a)

Deaths registered from **certain causes** in the **towns** (having a population of 10,000 and upwards) and **districts** (exclusive of such towns) of the United Provinces, during the year 1932

1	2	3	4		5		6	
Number	Districts and towns	Popula- tion according to census of 1931	Malaria		Enteric fever		Measles	
			Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
A--Rural Districts								
MEERUT DIVISION								
1	Dehra Dun	184,872	2,452	13.26	9	.05	5	.01
2	Sabaranpur	873,052	21,740	24.90	116	.13	40	.04
3	Muzaffarnagar	828,674	14,864	17.94	540	.65	74	.09
4	Meerut	1,456,525	29,001	19.91	9	.01	16	.01
5	Bulandshahr	1,029,065	26,804	26.05	31	.03	31	.03
AGRA DIVISION								
6	Aligarh	1,022,986	20,693	20.23	218	.21	35	.03
7	Muttra	590,336	8,879	15.04	252	.43	47	.08
8	Agra	819,675	13,298	16.22	76	.09	14	.02
9	Mainpuri	722,840	13,412	18.55	6	.01	4	..
10	Etah	802,567	15,121	18.84	28	.03	15	.02
ROHILKHAND DIVISION								
11	Bareilly	923,041	29,337	31.78	56	.06	6	.01
12	Bijnor	678,761	17,191	25.33	134	.20	9	.01
13	Budaun	934,903	27,176	29.07	44	.05	5	..
14	Moradabad	1,046,254	30,987	29.62	39	.04	36	.03
15	Shahjahanpur	807,443	21,042	26.06	39	.05	16	.02
16	Pilibhit	401,442	10,817	26.94	37	.09	2	..
ALLAHABAD DIVISION								
17	Farrukhabad	800,529	18,359	22.93	43	.06	5	.01
18	Etawah	699,057	12,775	18.27	57	.08	5	.01
19	Cawnpore	993,064	13,204	13.30	34	.03	3	..
20	Fatehpur	669,842	8,476	12.65	36	.05	25	.04
21	Allahabad	1,318,018	15,682	11.90	209	.16	48	.04
JHANSI DIVISION								
22	Jhansi	582,910	12,684	21.76	794	1.36	2	..
23	Jalaun	399,523	5,134	12.85	462	1.13	8	.02
24	Hamirpur	479,053	7,212	15.05	..	..	2	..
25	Banda	603,356	10,557	17.50	3	..	7	.01
BENARES DIVISION								
26	Benares	315,341	10,765	13.20	271	.33	28	.03
27	Mirzapur	727,225	12,003	16.50	1	..	24	.03
28	Jaunpur	1,198,396	13,698	11.43	16	.01	74	.06
29	Ghazipur	776,391	9,899	12.75	199	.26	63	.08
30	Ballia	894,947	6,379	7.13	584	.65	40	.04
GORAKHPUR DIVISION								
31	Gorakhpur	3,482,177	38,583	11.08	820	.23	209	.06
32	Basti	2,043,988	23,898	11.69	745	.36	175	.08
33	Azamgarh	1,519,684	21,165	13.93	45	.03	65	.04
KUMAUN DIVISION								
34	Naini Tal	244,981	6,039	24.65	216	.88	5	.02
35	Almora	583,302	8,864	15.20	107	.18	1	..
36	Garhwal	533,885	9,592	17.97	278	.52	60	.11
LUCKNOW DIVISION								
37	Lucknow	536,375	11,130	20.75	35	.06	11	.02
38	Unao	839,418	15,245	18.16	31	.04	16	.02
39	Rae Bareilly	955,947	12,026	12.58	44	.05	69	.07
40	Sitapur	1,118,879	23,967	21.42	10	.01	464	.41
41	Hardoi	1,064,272	24,978	23.47	14	.01	13	.01
42	Kheri	926,982	20,054	21.63	40	.04	286	.31
FYZABAD DIVISION								
43	Fyzabad	1,123,620	6,286	5.59	33	.03	36	.03
44	Gonda	1,538,894	21,552	14.00	169	.11	509	.33
45	Bahraich	1,090,909	19,433	17.81	203	.19	761	.70
46	Sultanpur	1,039,950	13,006	12.51	4	..	20	.02
47	Partabgarh	906,233	10,988	12.12	18	.02	23	.02
48	Bara Banki	1,035,223	18,176	17.56	49	.05	220	.21
Total of rural districts		44,664,807	764,623	17.12	7,199	.16	3,632	.08

SUPPLEMENTARY

Deaths registered from **certain causes** in the **towns** (having a
of the United Provinces

1 Number	2 Districts and towns	3 Popula- tion according to census of 1931	7 Relapsing fever		8 Kala Azar		9 Other fevers		10 Dysentery	
			Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
	A—Rural Districts— (concluded)									
	MEERUT DIVISION									
1	Dehra Dun ...	184,872	1	...	...	...	788	4.26	34	.18
2	Saharanpur ...	873,052	6	.01	...	...	730	.84	21	.02
3	Muzaffarnagar ...	828,674	3	...	7	.01	334	.40	64	.08
4	Meerut ...	1,456,525	...	...	...	...	117	.08	9	.01
5	Bulandshahr ...	1,029,065	1	...	...	...	292	.18	12	.01
	AGRA DIVISION									
6	Aligarh ...	1,022,986	...	...	...	...	11	.01	10	.01
7	Muttra ...	590,336	...	...	...	...	1,128	1.91	21	.03
8	Agra ...	819,675	5	.01	...	...	565	.69	7	.01
9	Mainpuri ...	722,840	...	...	...	...	29	.04	...	...
10	Etah ...	802,567	1	...	...	...	77	.09	11	.01
	ROHILKHAND DIVISION									
11	Bareilly ...	923,041	...	...	...	...	137	.15	26	.03
12	Bijnor ...	678,761	...	...	...	...	16	.02	16	.02
13	Budaun ...	934,903	...	...	4	...	14	.01	11	.01
14	Moradabad ...	1,046,254	...	...	...	...	132	.13	55	.05
15	Shahjahanpur ...	807,443	...	...	...	...	37	.04	6	.01
16	Pilibhit ...	401,442	...	...	33	.08	6	.01	5	.01
	ALLAHABAD DIVISION									
17	Farrukhabad ...	800,529	...	...	...	...	101	.13	5	.01
18	Etawah ...	699,057	...	...	1	...	78	.11	2	...
19	Cawnpore ...	993,064	...	...	1	...	285	.29	20	.02
20	Fatehpur ...	669,842	1	...	1	...	4	...	6	.01
21	Allahabad ...	1,318,018	3	...	15	.01	836	.63	19	.01
	JHANSI DIVISION									
22	Jhansi ...	582,910	...	...	...	...	196	.34	6	.01
23	Jalaun ...	399,523	...	...	...	...	1,931	4.83	...	...
24	Hamirpur ...	479,053	...	...	...	...	4,079	8.51	3	...
25	Banda ...	603,356	...	...	...	...	72	.12	4	.01
	BENARES DIVISION									
26	Benares ...	815,341	1	...	32	.04	80	.10	7	.01
27	Mirzapur ...	727,225	...	...	...	...	246	.34	6	.01
28	Jaunpur ...	1,198,396	...	...	...	...	309	.26	18	.01
29	Ghazipur ...	776,391	...	...	1	...	21	.03	20	.02
30	Ballia ...	894,947	...	...	...	...	823	.92	259	.29
	GORAKHPUR DIVISION									
31	Gorakhpur ...	3,482,177	1	...	18	...	190	.05	53	.01
32	Basti ...	2,043,988	8	...	2	...	23	.01	11	...
33	Azamgarh ...	1,519,684	1	...	1	...	71	.05	61	.04
	KUMAUN DIVISION									
34	Naini Tal ...	244,981	127	.52	...	...	341	1.39	35	.14
35	Almora ...	583,302	...	...	...	...	2,126	3.64	287	.49
36	Garhwal ...	533,885	19	.03	...	...	755	1.41	1,959	3.67
	LUCKNOW DIVISION									
37	Lucknow ...	536,375	...	...	1	...	160	.30	28	.05
38	Unao ...	839,418	1	...	10	.01	35	.04	43	.05
39	Rae Bareilly ...	955,947	2	...	...	...	2	...	12	.01
40	Sitapur ...	1,118,879	1	...	1	...	8	.01	16	.01
41	Hardoi ...	1,064,272	1	...	2	...	8	.01	9	.01
42	Kheri ...	926,982	...	...	8	.01	36	.04	9	.01
	FYZABAD DIVISION									
43	Fyzabad ...	1,123,620	...	...	23	.02	8,829	7.86	27	.02
44	Gonda ...	1,538,894	3	...	...	...	1,705	1.11	10	.01
45	Bahraich ...	1,090,909	...	...	...	...	2	...	7	.01
46	Sultanpur ...	1,039,950	...	...	...	...	2	...	21	.02
47	Partabgarh ...	906,233	1	...	...	...	19	.02	9	.01
48	Bara Banki ...	1,035,223	34	.03	24	.02
	Total of rural dis- tricts.	44,664,807	187	...	161	...	27,820	.62	3,304	.07

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population of 10,000 and upwards) and **districts** (exclusive of such towns) during the year 1932—(continued)

11		12		13		14		15	16			17	18
Diarrhoea		Pneumonia		Phthisis		Other respiratory diseases		Deaths from child birth	Deaths under one year			Infant mortality rate	Number
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	•	Male	Female	Total		
83	·45	49	·26	14	·07	159	·86	8	472	361	833	170·59	1
28	·03	47	·05	22	·02	43	·05	27	3,523	3,119	6,642	189·10	2
80	·10	54	·06	18	·02	185	·22	21	2,976	2,395	5,371	156·12	3
19	·01	5	·01	7	·01	316	·32	22	5,142	4,455	9,597	165·24	4
51	·05	13	·01	10	·01	83	·08	18	4,263	3,973	8,236	182·74	5
41	·04	1	·01	5	·01	65	·06	36	2,848	2,395	5,243	146·04	6
54	·09	15	·02	13	·02	125	·21	10	1,404	1,141	2,545	116·84	7
22	·03	31	·04	11	·01	63	·08	6	2,087	1,699	3,786	125·90	8
1	·01	2	·01	2	·01	18	·02	7	1,780	1,427	3,207	143·08	9
73	·09	...	·01	33	·04	93	·12	24	2,070	1,662	3,732	135·77	10
22	·02	12	·01	13	·01	46	·05	13	4,024	3,451	7,475	190·96	11
13	·02	...	·01	...	·01	30	·04	17	2,947	2,595	5,542	189·79	12
33	·03	4	·01	1	·01	38	·04	7	4,252	3,459	7,711	188·44	13
132	·13	33	·03	24	·02	285	·27	28	4,855	4,383	9,238	189·05	14
8	·01	5	·01	12	·01	60	·07	1	3,760	3,238	6,998	201·37	15
8	·02	...	·01	6	·01	13	·03	8	1,802	1,432	3,234	187·81	16
44	·05	12	·01	8	·01	115	·14	7	3,254	2,735	5,989	194·73	17
25	·03	20	·03	9	·01	66	·09	9	2,161	1,607	3,768	166·83	18
6	·01	59	·06	31	·03	74	·07	10	1,510	1,168	2,678	119·93	19
12	·02	1	·01	9	·01	161	·21	9	1,882	1,427	3,309	147·87	20
20	·01	16	·01	17	·01	95	·07	13	2,946	2,220	5,166	148·66	21
15	·02	15	·02	14	·02	75	·13	3	2,295	1,942	4,237	179·88	22
14	·03	5	·01	7	·02	365	·91	...	1,278	1,109	2,387	166·98	23
1	·01	...	·01	...	·01	2,818	5·88	...	1,810	1,466	3,276	195·24	24
3	·01	...	·01	...	·01	37	·06	7	1,383	1,062	2,445	129·12	25
13	·01	7	·01	10	·01	12	·01	5	2,250	1,694	3,944	146·74	26
8	·01	...	·01	...	·01	23	·04	6	2,203	1,766	3,969	158·39	27
9	·01	13	·01	17	·01	35	·03	1	2,404	1,784	4,188	133·38	28
8	·01	...	·01	17	·02	35	·04	11	1,937	1,538	3,475	135·76	29
14	·01	3	·01	13	·01	70	·08	26	1,602	1,173	2,775	109·36	30
22	·01	2	·01	4	·01	125	·03	27	6,407	4,482	10,889	101·57	31
10	·01	1	·01	3	·01	34	·02	4	4,274	3,429	7,703	134·82	32
9	·01	...	·01	8	·01	103	·07	22	3,459	2,686	6,145	128·56	33
28	·11	22	·09	9	·04	94	·38	24	935	815	1,750	226·54	34
312	·53	67	·11	44	·07	360	·62	34	1,545	1,380	2,925	115·82	35
105	·20	56	·10	18	·03	378	·71	30	1,883	1,683	3,566	163·02	36
15	·03	3	·01	3	·01	187	·35	19	2,000	1,693	3,693	188·49	37
35	·04	15	·02	31	·04	138	·16	14	1,897	1,438	3,335	147·27	38
...	·01	4	·01	6	·01	38	·04	2	1,158	877	2,035	100·39	39
12	·01	8	·01	12	·01	59	·05	5	3,690	3,005	6,695	169·40	40
46	·04	1	·01	...	·01	25	·02	6	3,841	3,228	7,069	182·01	41
15	·02	...	·01	7	·01	40	·04	9	2,947	2,371	5,318	158·83	42
3	·01	...	·01	22	·02	57	·05	5	2,665	2,036	4,701	148·26	43
27	·02	3	·01	2	·01	72	·05	19	3,693	2,896	6,589	143·64	44
5	·01	...	·01	...	·01	21	·02	2	3,720	3,059	6,779	192·81	45
1	·01	...	·01	2	·01	10	·01	3	2,155	1,561	3,716	133·10	46
7	·01	10	·01	34	·04	57	·06	4	1,664	1,265	2,929	132·48	47
14	·01	2	·01	12	·01	69	·07	9	3,275	2,515	5,790	171·18	48
1,526	·03	616	·01	562	·01	7,481	·17	598	128,328	104,315	232,643	154·67	

* NOTE.—By the term "Deaths from child-birth" is meant "deaths during or within 14 days of labour."

Deaths registered from **certain causes** in the **towns** (having a
of the United Provinces

1	2	3	4	5		6		7	
Number	Districts	Towns	Popula- tion according to census of 1931	Malaria		Enteric fever		Measles	
				Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
		<i>B—Towns</i>							
1	Dehra Dun	Dehra ...	40,409	19	·47	4	·10	1	·02
2		Mussooree ...	(a) 4,966	1	·09	...	...	...	...
3		Saharanpur ...	78,655	...	...	3	·04	9	·11
4		Hardwar-Union ...	33,287	1	·03	...	...	20	·60
5	Saharanpur	Deoband ...	22,126	...	...	3	·13	1	·04
6		Roorkee ...	13,944	...	...	...	...	26	1·86
7		Gangoh ...	12,812	31	2·42	...	...	2	·16
8		Manglaur ...	10,044	135	13·44	9	·90	1	·10
9	Muzaffar-nagar.	Muzaffarnagar ...	35,347	502	14·20	2	·06	4	·11
10		Kairana ...	19,589	79	4·03	...	...	...	...
11		Kandhla ...	11,052	227	20·54	...	...	1	·09
12		Meerut ...	91,181	...	...	7	·08	13	·14
13	Meerut	Hapur ...	25,116	316	12·58	13	·52	7	·28
14		Ghaziabad ...	18,831	409	21·72	...	...	...	...
15		Sardhana ...	10,265	...	...	...	...	5	·49
16		Khurja ...	31,279	488	15·60	...	...	...	...
17		Bulandshahr ...	24,898	432	17·35	2	·08	22	·88
18	Buland-shahr.	Sikandrabad ...	18,974	355	18·71	...	...	18	·95
19		Debai ...	11,269	300	26·62	22	1·95	...	...
20		Jahangirabad ...	10,745	281	26·15	...	...	...	...
21		Shikarpur ...	10,655	18	1·69	...	...	29	2·72
22		Aligarh or Keil ...	83,878	21	·25	23	·27	...	...
23	Aligarh	Hathras ...	39,784	8	·20	91	2·29	1	·02
24		Atrauli ...	14,922	196	13·13	14	·91	...	...
25		Sikandra Rao ...	10,175	19	1·87	1	·10	15	1·47
26	Muttra	Muttra ...	60,590	2	·03	1	·02	2	·03
27		Brindaban ...	17,148	352	20·53	6	·35	1	·06
28	Agra	Agra ...	205,487	229	1·11	164	·80	4	·02
29		Firozabad ...	23,154	182	7·86	12	·52	29	1·25
30	Mainpuri	Mainpuri ...	14,928	93	6·56	...	...	...	...
31		Shikohabad ...	11,865	116	9·78	...	...	...	...
32		Kasganj ...	23,100	343	14·85	22	·95	2	·09
33	Etah	Soron ...	12,200	55	4·51	...	...	...	...
34		Etah ...	11,473	141	12·19	15	1·31	1	·09
35		Jalesar ...	11,138	407	36·54	...	...	...	...
36	Bareilly	Bareilly ...	134,179	207	1·54	...	...	...	...
37		Aonla ...	15,159	428	28·23	...	...	...	...
38		Najibabad ...	(c) 28,473	...	...	1	·04	13	·58
39		Nagina ...	25,427	62	2·44	3	·12	6	·23
40		Bijnor ...	23,520	186	7·91	39	1·66	38	1·61
41		Kiratpur ...	17,205	...	...	...	...	19	1·10
42	Bijnor	Sherkot ...	15,997	320	20·00	...	...	...	...
43		Chandpur ...	13,999	46	3·28	32	2·28	19	1·36
44		Seohara ...	11,130	113	10·15	2	·18	1	·09
45		Nehtaur ...	10,752	125	11·62	15	1·39	...	...
46		Dhampur ...	10,205	100	9·80	...	...	2	·19
47	Budaun	Budaun ...	45,455	601	13·22	31	·68	10	·22
48		Sahaswan ...	17,644	454	25·73	1	·06	1	·06
49		Ujhani ...	12,173	161	13·22	12	·98	2	·16
50		Moradabad ...	110,562	404	3·65	...	...	...	...
51	Moradabad	Amroha ...	44,948	32	·71	34	·76	1	·02
52		Sambhal ...	44,300	449	10·13	...	...	3	·07
53		Chandausi ...	26,768	245	9·15	...	...	...	...
54		Hasanpur ...	11,276	154	13·66	...	...	1	·09
55	Shahjahan-pur.	Shahjahanpur ...	79,316	76	·96	51	·64	7	·09
56		Tilhar ...	18,372	...	...	...	...	...	...
57	Pilibhit	Pilibhit ...	36,892	139	3·77	1	·03	3	·08
58		Bisipar ...	10,594	260	24·75	5	·48	1	·09
59	Farrukh-shah.	Farrukhabad-cum-Fatehgarh.	56,503	420	7·43	59	1·04	25	·44
60		Kanauj ...	20,360	222	10·90	1	·05	1	·05

(a) Rates calculated on average population 11,040.

(c) Rates calculated on normal population 22,261.

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population of 10,000 and upwards) and **districts** (exclusive of such towns)
during the year 1932—(contd.)

8		9		10		11		12		13		14		15
Relapsing fever		Kala Azar		Other fevers		Dysentery		Diarrhoea		Pneumonia		Phthisis		Number
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	
...	228	5.64	58	1.43	63	1.56	270	6.68	25	.62	1
...	10	.90	1	.09	3	.27	25	2.25	11	1.00	2
...	1,866	23.72	36	.46	78	.99	77	.98	60	.76	3
1	.03	...	...	745	22.38	186	4.08	15	.45	83	2.49	52	1.56	4
...	399	18.03	3	.13	23	1.04	...	...	11	.50	5
...	251	18.00	6	.43	45	3.23	...	...	...	...	6
...	252	20.45	2	.16	12	.94	...	...	...	...	7
...	3	.30	9	.90	1	.10	1	.10	8
...	110	3.11	16	.45	43	1.22	...	...	...	...	9
...	428	21.85	...	...	...	...	...	...	...	...	10
...	1	.09	...	...	...	...	1	.09	...	...	11
...	861	9.44	9	.10	64	.70	56	.61	116	1.27	12
...	28	1.11	1	.04	129	5.14	...	...	7	.28	13
...	1	.05	4	.21	...	...	...	...	14
...	146	14.22	...	...	5	.49	...	...	...	...	15
...	1	.03	55	1.76	65	2.08	73	2.33	...	...	16
...	5	.20	9	.36	11	.44	25	1.00	...	...	17
...	14	.74	5	.26	25	1.32	26	1.37	40	2.11	18
...	2	.18	...	...	...	...	...	...	19
...	1	.09	20
...	243	22.81	24	2.25	15	1.41	1	.09	6	.56	21
...	400	4.77	39	.46	326	3.89	269	3.21	54	.64	22
...	461	11.59	11	.28	154	3.87	105	2.64	10	.25	23
...	4	.27	1	.07	59	3.95	...	...	...	...	24
...	93	9.43	11	1.08	28	2.75	24	2.36	18	2.75	25
...	1,431	23.62	17	.28	50	.82	101	1.67	38	.63	26
...	70	4.08	10	.58	79	4.61	38	2.22	4	.23	27
3	.01	...	...	710	3.45	135	.66	153	2.69	1,729	8.41	425	2.07	28
...	...	2	.09	11	.47	5	.21	49	2.12	...	...	2	.09	29
...	2	.13	...	...	...	...	...	...	...	...	30
...	17	1.43	...	...	2	.17	...	...	...	...	31
...	28	1.21	...	...	1	.04	32
...	262	21.47	1	.08	25	2.05	...	...	...	...	33
...	3	.26	29	2.53	23	2.00	25	2.18	34
...	35
...	1,369	10.20	62	.46	103	.77	219	1.63	352	2.62	36
...	7	.43	16	1.05	1	.06	...	...	37
...	358	16.08	23	1.03	2	.09	...	...	...	...	38
...	199	7.83	31	1.22	37	1.45	2	.08	6	.23	39
5	.21	24	1.02	22	.93	29	1.23	23	.98	20	.85	13	.55	40
...	178	10.34	15	.87	31	1.80	23	1.34	1	.06	41
...	42
...	145	10.36	20	1.43	30	2.14	...	...	1	.07	43
2	.18	1	.09	22	1.98	3	.27	11	.99	1	.09	1	.09	44
...	3	.28	...	...	...	...	2	.18	45
9	.88	...	...	50	4.90	11	1.08	22	2.15	...	...	1	.10	46
...	59	1.30	18	.39	71	1.56	107	2.35	131	2.88	47
...	3	.17	45	2.55	...	...	9	.51	48
...	...	1	.08	145	11.91	2	.16	5	.41	...	...	...	...	49
...	1,128	10.20	90	.81	214	1.93	...	...	...	...	50
...	381	8.48	58	1.29	80	1.78	158	3.51	9	.20	51
...	12	.27	88	1.99	210	4.74	112	2.53	47	1.06	52
...	132	4.93	14	.52	109	4.07	24	.90	2	.07	53
...	19	1.68	...	...	...	...	54
1	.01	...	...	828	10.44	49	.62	207	2.61	88	1.11	122	1.54	55
...	383	20.85	5	.27	5	.27	11	.60	21	1.14	56
...	434	12.58	26	.70	40	1.08	57	1.54	68	2.38	57
...	9	.86	2	.19	7	.67	31	2.95	...	...	58
2	.03	...	...	423	7.49	36	.64	250	4.42	140	2.48	134	2.37	59
...	4	.20	3	.15	21	1.03	...	...	20	.98	60

Paragraphs 23 of Chapter II and 19 and 36 of Chapter III]

SUPPLEMENTARY ANNUAL FORM No. VI (a)

Deaths registered from **certain causes** in the **towns** (having a population of 10,000 and upwards) and **districts** (exclusive of such towns) of the United Provinces during the year 1932—(contd.)

1 Number	2 Districts	3 Towns	4 Population according to census of 1931	16 Other respiratory diseases		17 Deaths from child-birth*	18 Deaths under one year			19 Infant mortality rate
				Deaths	Ratio		Male	Female	Total	
	<i>B--Towns</i>	—(contd.)								
1	Dehra Dun	Dehra ...	40,409	123	3.04	16	227	210	437	243.59
2		Mussooree ...	(a) 4,966	4	.36	3	11	11	22	130.95
3		Saharanpur	78,655	223	2.83	33	613	583	1,196	305.33
4		Hardwar-Union.	33,287	73	2.19	16	217	171	388	285.29
5	Saharanpur	Deoband ...	22,126	28	1.26	8	150	108	258	207.39
6		Roorkee ...	13,944	51	3.65	11	97	77	174	290.48
7		Gangoh ...	12,812	1	.08	2	75	69	144	205.71
8		Manglaur ...	10,044	18	1.79	...	32	29	61	131.46
9	Muzaffarnagar.	Muzaffarnagar	35,347	17	.48	18	192	166	358	208.75
10		Kairana ...	19,589	...	...	...	112	82	194	203.38
11		Kandhla ...	11,052	9	.81	...	50	46	96	203.39
12		Meerut ...	91,181	228	2.50	25	298	195	493	153.39
13	Meerut ...	Hapur ...	25,116	135	5.37	23	152	127	279	222.84
14		Ghaziabad ...	18,831	21	1.11	4	96	59	155	182.13
15		Sardhana ...	10,265	5	.49	3	28	25	53	130.86
16		Khurja ...	31,279	203	6.49	15	192	153	345	232.32
17	Bulandshahr.	Bulandshahr	24,898	30	1.20	4	132	124	256	243.11
18		Sikandrabad	18,974	26	1.37	2	140	128	268	264.80
19		Debal ...	11,269	10	.89	5	58	56	114	212.69
20		Jahangirabad	10,745	49	4.56	3	70	42	112	182.41
21	Aligarh ...	Shikarpur ...	10,655	36	3.38	4	88	78	166	283.21
22		Aligarh or Koil.	83,878	178	2.12	29	379	296	675	203.74
23		Hathras ...	39,784	200	5.03	24	307	301	608	271.19
24		Atrauli ...	14,922	9	.60	7	149	108	257	303.78
25	Muttra ...	Sikandra Rao	10,173	28	2.75	11	67	77	144	276.39
26		Muttra ...	60,590	125	2.06	19	281	353	734	228.94
27		Brindaban...	17,148	73	4.26	4	77	86	163	247.34
28		Agra ...	205,487	820	3.99	93	1,388	1,152	2,540	204.85
29	Mainpuri	Firozabad ...	23,154	81	3.50	3	104	93	197	216.96
30		Mainpuri ...	14,928	...	...	1	25	10	35	208.33
31		Shikohabad	11,865	4	.34	...	17	4	21	85.71
32		Kasganj ...	23,100	17	.73	12	109	77	186	203.06
33	Etah ...	Soron ...	12,200	24	1.97	8	69	90	159	302.40
34		Etah ...	11,473	21	1.83	3	90	74	164	323.47
35		Jalesar ...	11,138	...	...	...	84	77	161	284.95
36		Bareilly ...	134,179	445	3.32	48	622	566	1,188	175.71
37	Bareilly ...	Aonla ...	15,159	4	.26	5	131	106	237	321.57
38		Najibabad ...	(c) 28,473	20	.90	5	125	114	239	210.94
39		Nagina ...	25,427	11	.43	3	146	108	254	230.91
40		Bijnor ...	23,520	32	1.36	5	124	123	247	218.97
41	Bijnor ...	Kiratpur ...	17,205	18	1.05	10	118	89	207	224.27
42		Sherkot ...	15,997	1	.06	...	42	31	73	137.48
43		Chandpur ...	13,999	19	1.36	3	87	92	179	251.05
44		Seohara ...	11,130	25	2.25	3	32	25	57	174.85
45	Budaun ...	Nehtaur ...	10,752	...	...	1	22	14	36	176.47
46		Dhampur ...	10,205	9	.88	3	72	50	122	244.98
47		Budaun ...	45,455	133	2.92	13	337	285	622	274.98
48		Sahaswan ...	17,644	45	2.55	4	164	137	301	294.32
49	Moradabad	Ujhani ...	12,178	9	.74	2	81	57	138	267.94
50		Moradabad...	110,562	877	7.93	62	663	615	1,278	227.24
51		Amroha ...	44,948	162	3.60	18	283	261	544	201.82
52		Sambhal ...	44,300	348	7.85	9	324	258	582	232.15
53	Shahjahanpur.	Chandausi ...	26,768	127	4.74	15	198	153	356	250.33
54		Hasanpur ...	11,276	36	3.19	2	45	41	86	208.23
55		Shahjahanpur	79,316	177	2.23	22	322	261	583	185.20
56		Pilbar ...	18,372	29	1.58	9	186	128	314	302.50
57	Pilibhit ...	Pilibhit ...	36,892	100	2.71	17	272	261	533	259.62
58		Bisalpur ...	10,504	18	1.71	1	82	72	154	290.57
59		Farrukhabad.	56,503	296	5.24	29	577	484	1,061	358.57
60		Farrukhabad cum-Fatehgarh Kanaulj ...	20,360	48	2.36	6	84	63	147	205.88

(a) Rates calculated on average population 11,040.

(c) Rates calculated on normal population 22,261.

* NOTE.—By the term "Deaths from child-birth" is meant "deaths during or within 14 days of labour."

SUPPLEMENTARY ANNUAL FORM No. VI (a)

Deaths registered from **certain causes** in the **towns** (having a population of 10,000 and upwards) and **districts** (exclusive of such towns) of the United Provinces during the year 1932—(contd.)

1	2	3	4	5		6		7	
Number	Districts	Towns	Popula- tion according to census of 1931	Malaria		Enteric fever		Measles	
				Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
		<i>B—Towns— (concl'd.)</i>							
61	Etawah ...	Etawah ...	46,948	...	...	14	·30	...	...
62	Cawnpore...	Cawnpore ...	219,189	58	·26	...	...	...	...
63	Fatehpur ...	Fatehpur ...	18,947	...	...	21	1·11	...	...
64	Allahabad...	Allahabad ...	173,895	3	·02	27	·15	16	·09
65		Jhansi ...	64,591	1	·01	78	1·21	11	·17
66		Garhia Phatak ...	16,400	...	...	...	...	2	·12
67	Jhansi ...	Lalitpur ...	13,715	260	18·96	1	·07	...	...
68		Mau ...	12,797	371	28·99	74	5·78	8	·62
69		Konch ...	15,150	...	...	...	...	2	·13
70	Jalaun ...	Orai ...	11,349	...	...	...	...	5	·44
71		Mahoba ...	13,164	179	13·60	...	...	5	·38
72	Hamirpur...	Rath ...	10,472	...	...	...	...	11	1·05
73	Banda ...	Banda ...	22,415	1	·04	1	·04	...	...
74	Benares ...	Benares ...	201,037	339	1·69	25	·12	210	1·04
75	Mirzapur ...	Mirzapur Bin- dhachal.	61,184	323	5·28	7	·11	15	·24
76	Jaunpur ...	Jaunpur ...	37,675	355	9·42	...	...	...	...
77		Ghazipur ...	27,498	327	11·89	3	·11	5	·18
78	Ghazipur ...	Reotipur ...	10,605	79	7·45	36	3·39	...	...
79		Gahmar ...	10,477	119	11·36	15	1·43	9	·86
80	Ballia ...	Ballia ...	18,143	50	2·75	11	·61	...	...
81		Gorakhpur ...	59,369	7	·12	16	·27	17	·29
82		Gaura Barhaj ...	14,286	163	11·41	1	·07	6	·42
83	Gorakhpur ...	Gorakhpur No- tified Area.	11,729	117	9·97	1	·08	3	·25
84		Basti ...	22,526	18	·80	...	...	9	·40
85		Mehndawal ...	11,510	97	8·43	...	...	2	·17
86		Mau ...	21,354	104	4·87	3	·14	27	1·26
87	Azamgarh...	Azamgarh ...	18,046	128	7·09	5	·28	5	·28
88		Mubarakpur ...	12,493	...	...	...	...	11	·88
89		Haldwani-Kath- godam-Rani- bagh.	11,288	118	10·45	32	2·83	1	·09
90	Naini Tal...	Kashipur ...	11,276	49	4·34	45	3·99	3	·27
91		Naini Tal ...	(b) 9,741	7	·52	3	·22	...	...
92	Lucknow ...	Lucknow ...	251,097	23	·09	23	·09	17	·07
93	Unao ...	Unao ...	16,282	22	1·35	...	...	...	...
94	Rae Bareli	Rae Bareli ...	18,180	227	12·49	...	...	1	·05
95		Sitapur ...	24,720	257	10·40	...	...	22	·89
96		Khairabad ...	12,160	280	23·03	1	·08	...	...
97	Sitapur ...	Laharpur ...	11,380	27	2·37	1	·09	8	·70
98		Shahabad ...	21,101	251	11·89	...	...	2	·09
99		Hardoi ...	17,069	217	12·71	2	·12	10	·58
100	Hardoi ...	Sandila ...	15,034	243	16·16	6	·40	3	·20
101		Mallawan ...	10,150	189	18·62	4	·39	1	·10
102	Kheri ...	Lakbimpur ...	17,497	189	10·80	14	·80	...	...
103	Fyzabad ...	Fyzabad-Ajodh- ya.	59,992	...	...	2	·03	2	·03
104		Tanda ...	21,177	264	12·47	1	·05	9	·42
105		Balrampur ...	19,659	...	...	378	19·23	21	1·07
106	Gonda ...	Gonda ...	17,450	179	10·26	13	·74	5	·29
107		Bahraich ...	33,783	409	12·11	4	·12	54	1·60
108		Nanpara ...	11,656	218	18·70	2	·17	16	1·37
109	Sultanpur	Sultanpur ...	11,334	115	10·15	...	...	...	...
110		Nawabganj ...	16,743	121	7·23	12	·72	1	·06
111	Bara Banki	Rudauli ...	11,813	136	11·51	...	...	...	...
		Total of towns	3,743,956	17,607	4·70	1,583	·42	922	·25
		Total of rural districts.	44,664,807	764,623	17·12	7,199	·16	3,632	·08
		Total for the Province.	48,408,763	782,230	16·16	8,782	·18	4,554	·09

(b) Rates calculated on average population 13,558.

Deaths registered from **certain causes** in the **towns** (having a
of the United Provinces

1 Number	2 Districts	3 Towns	4 Popula- tion according to census of 1931	8 Relapsing fever		9 Kala Azar		10 Other fevers		11 Dysentery	
				Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio
		<i>B.—Towns— (concl'd)</i>									
61	Etawah ...	Etawah ...	46,948	...	...	...	...	1,136	24.20	3	.06
62	Cawnpore ..	Cawnpore ...	219,189	1	...	...	...	1,364	6.22	98	.45
63	Fatehpur ...	Fatehpur ...	18,947	...	...	...	...	233	12.30	7	.37
64	Allahabad ...	Allahabad ...	173,895	...	...	...	...	1,507	8.67	106	.61
65		Jhansi ...	64,591	...	...	...	...	1,387	21.47	35	.54
66		Garhia Phatak	16,400	...	...	...	...	217	13.23	8	.49
67	Jhansi ...	Lalitpur ...	13,715	...	...	...	...	2	.14	5	.36
68		Mau ...	12,797	...	...	...	...	...	...	1	.08
69		Konch ...	15,150	...	...	...	...	269	17.75	...	...
70	Jalaun ...	Orai ...	11,349	...	...	...	...	154	13.57	8	.70
71		Mahoba ...	13,164	...	...	...	...	1	.07	2	.15
72	Hamirpur ...	Rath ...	10,472	...	...	...	...	117	11.17	...	...
73	Banda ...	Banda ...	22,415	...	...	...	...	180	8.03	4	.18
74	Benares ...	Benares ...	201,037	13	.06	10	.05	4,273	21.25	274	1.36
75	Mirzapur ...	Mirzapur-Bin- dhachal.	61,184	...	...	...	...	245	4.00	28	.37
76	Jaunpur ...	Jaunpur ...	37,675	...	...	...	...	10	.26	19	.50
77		Ghazipur ...	27,498	...	...	...	...	1	.04	4	.14
78	Ghazipur ...	Reotipur ..	10,605	...	...	...	...	...	...	...	...
79		Gahmar ..	10,477	...	...	...	...	1	.03	...	...
80	Ballia ...	Ballia ...	18,143	...	...	...	...	...	...	4	.22
81		Gorakhpur ...	59,369	...	...	...	...	562	9.47	65	1.09
82		Gaura Barhaj	14,286	...	...	...	...	6	.42	21	1.47
83	Gorakhpur	Gorakhpur No- tified Area.	11,729	...	...	...	...	1	.08	3	.25
84		Easti ...	22,526	...	...	...	...	184	8.17	3	.13
85	Basti ...	Mehndawal	11,510	...	...	...	...	11	.95	9	.78
86		Mau ...	21,354	...	...	...	...	9	.42	10	.47
87	Azamgarh..	Azamgarh ...	18,046	...	...	...	...	4	.22	13	.72
88		Mubarakpur...	12,493	...	...	...	...	...	...	4	.32
89		Haldwani- Kathgodam- Ranibagh.	11,288	2	.18	3	.26	8	.71	2	.18
90	Naini Tal...	Kashipur ..	11,276	13	1.15	...	...	...	...	11	.97
91		Naini Tal ...	(b)9,741	...	...	...	...	56	4.73	4	.29
92	Lucknow ...	Lucknow ...	251,097	...	...	...	...	1,105	4.40	202	.80
93	Unao ...	Unao ...	16,282	...	...	...	...	171	10.50	5	.31
94	Rae Bareli	Rae Bareli ...	18,180	...	...	...	...	29	1.59	12	.66
95		Sitapur ...	24,720	...	...	...	...	166	6.71	12	.48
96	Sitapur ...	Khairabad ...	12,160	...	...	...	...	1	.08	15	1.23
97		Iaharpur ..	11,380	...	...	...	...	153	13.36	5	.44
98		Shahabad ...	21,101	...	...	...	...	...	...	8	.38
99		Hardoi ...	17,069	...	...	1	.06	...	...	1	.06
100	Hardoi ...	Sandila ...	15,034	...	...	...	...	...	...	17	1.13
101		Mallawan ...	10,150	2	.20	5	.49	4	.39	2	.20
102	Kheri ...	Lakhimpur ..	17,497	...	...	...	...	...	...	4	.13
103		Fyzabad ...	59,992	...	...	...	...	415	6.92	67	1.12
104	Fyzabad ...	Ajodhya ...	...	...	...	...	...	...	...	...	...
105		Tanda ...	21,177	1	.05	...	...	...	...	27	1.27
106		Balrampur...	19,959	...	...	24	1.22	11	.56	7	.36
107	Gonda ...	Gonda ...	17,450	...	...	...	...	...	...	5	.29
108		Bahraich ...	33,783	...	...	...	...	5	.15	4	.12
109		Nanpara ...	11,656	...	...	...	...	...	...	5	.43
110	Sultanpur ...	Sultanpur ...	11,334	1	.09	...	...	...	...	2	.18
111		Nawabganj .	16,743	...	...	...	...	25	1.49	6	.36
	Bara Banki	Rudauli ...	11,813	...	...	...	...	...	...	5	.42
	Total of towns		3,743,956	56	.01	71	.02	29,395	7.85	2,355	.63
	Total of rural districts		44,664,807	187	...	161	...	27,820	.62	3,304	.07
	Total for the Province		48,408,763	243	...	232	...	57,215	1.18	5,659	.12

(b) Rates calculated on average population 13,558.

ANNUAL FORM No. VI (a)

population of 10,000 and upwards) and **districts** (exclusive of such towns) during the year 1932—(concl'd.)

12		13		14		15		16	17			18	19
Diarrhoea		Pneumonia		Phthisis		Other respiratory diseases		Deaths from child birth*	Deaths under one year			Infant mortality rate	Number
Deaths	Ratio	Deaths	Ratio	Deaths	Ratio	Deaths	Ratio		Male	Female	Total		
65	1.38	123	2.62	12	.25	106	2.26	20	497	437	934	355.81	61
387	1.76	2,195	10.01	817	3.73	782	3.57	128	1,478	1,203	2,681	224.08	62
26	1.37	...	...	...	...	135	7.12	6	108	83	196	227.11	63
112	.64	165	.95	297	1.71	689	3.96	70	900	783	1,683	221.58	64
16	.25	58	.90	44	.68	87	1.35	16	605	517	1,122	306.14	65
16	.97	33	2.01	14	.85	39	2.38	7	100	79	179	238.35	66
36	2.62	...	...	...	...	50	3.64	4	78	68	146	211.90	67
12	.94	...	...	2	.16	51	3.98	2	130	117	247	365.38	68
11	.73	78	5.15	1	.07	61	4.03	...	93	52	145	181.48	69
9	.79	...	...	...	...	23	2.03	1	68	57	125	214.78	70
1	.07	...	...	...	...	29	2.20	...	39	23	62	142.53	71
41	3.91	121	11.55	...	...	85	3.34	6	95	79	174	285.71	72
...	...	...	...	...	...	27	1.20	2	42	27	69	193.82	73
495	2.46	127	.63	511	2.54	1,283	6.40	104	1,480	1,187	2,667	240.25	74
77	1.26	4	.06	15	.24	165	2.70	9	252	202	454	186.45	75
27	.72	50	1.33	5	.13	32	.85	8	138	108	246	199.84	76
11	.40	...	...	5	.18	9	.33	8	75	56	131	121.97	77
...	...	...	...	...	...	...	...	...	31	21	52	168.28	78
1	.09	...	...	...	...	1	.09	...	27	18	45	136.36	79
10	.55	...	...	8	.44	...	...	4	30	34	64	149.18	80
40	.67	35	.59	143	2.41	190	3.20	25	305	244	549	214.54	81
17	1.19	...	...	1	.07	32	2.24	5	65	50	115	179.12	82
...	...	...	...	...	...	...	...	...	5	6	11	34.69	83
3	.13	4	.18	16	.71	16	.71	...	37	41	78	160.49	84
40	3.47	...	...	4	.35	24	2.08	2	28	49	77	179.49	85
20	.94	1	.05	28	1.31	22	1.03	1	77	77	154	233.69	86
20	1.11	16	.89	39	2.16	44	2.44	5	53	44	97	190.20	87
7	.56	52	4.16	8	.64	5	.40	1	28	24	52	146.07	88
2	.18	3	.26	...	...	37	3.28	7	43	31	74	23.87	89
46	4.08	...	...	5	.44	182	16.14	8	84	66	150	292.40	90
6	.44	54	3.98	19	1.40	5	.37	5	31	35	66	166.67	91
274	1.09	2,163	8.61	624	2.48	380	1.51	127	1,744	1,564	3,308	265.51	92
4	.24	3	.18	1	.06	7	.43	8	61	41	105	235.43	93
13	.71	3	.16	12	.66	125	6.87	8	109	79	188	234.12	94
33	1.33	22	.89	1	.04	49	1.98	5	195	167	362	315.60	95
5	.41	...	...	2	.16	5	.41	...	80	75	155	252.03	96
2	.17	...	...	5	.44	1	.09	2	47	39	86	141.91	97
18	.85	...	...	...	...	7	.33	...	69	72	141	231.15	98
5	.29	...	...	1	.06	8	.47	2	53	24	82	187.21	99
22	1.46	14	.93	...	...	75	4.99	2	112	86	198	231.85	100
13	1.28	1	.10	...	...	25	2.46	3	50	50	100	216.45	101
11	.63	5	.28	3	.17	14	.80	3	80	55	135	214.97	102
68	1.13	18	.30	15	.25	154	2.57	11	182	180	362	263.85	103
14	.66	...	...	23	1.09	34	1.60	8	98	86	184	197.85	104
4	.20	19	.97	10	.51	16	.81	4	110	88	198	231.31	105
8	.45	...	...	3	.17	...	...	2	51	51	102	185.79	106
17	.50	18	.53	51	1.51	27	.80	16	148	118	266	231.91	107
9	.77	...	...	2	.17	26	2.23	1	59	43	102	215.64	108
2	.18	...	...	1	.09	71	6.26	3	47	43	90	255.68	109
6	.36	5	.30	3	.18	40	2.39	2	65	46	111	207.09	110
20	1.69	...	...	1	.08	44	3.72	1	59	54	113	212.81	111
5,651	1.51	9,311	2.49	4,629	1.24	11,131	2.97	1,366	21,891	18,528	40,419	232.30	
1,526	.03	616	.01	562	.01	7,481	.17	598	128,328	104,315	232,643	151.67	
7,177	.15	9,927	.20	5,191	.11	18,612	.38	1,964	150,219	122,843	273,062	162.72	

* NOTE.—By the term "Deaths from child-birth" is meant "deaths during or within 14 days of labour."

Deaths registered from **cholera** in the districts of the

1	2	3		4						
Number	District	Circles of re- gistration		Villages		January	February	March	April	May
		Number in each district.	Number from which deaths from cholera were reported.	Number in each district	Number from which deaths from cholera were reported					
MEERUT DIVISION										
1	Dehra Dun ...	14	8	424	30	...	...	...	...	4
2	Saharanpur ...	30	9	1,620	10	...	...	...	6	8
3	Muzaffarnagar ...	27	6	909	6	...	...	1	...	...
4	Meerut ...	45	17	1,458	39	...	1	...	2	...
5	Bulandshahr ...	34	12	1,523	27	...	...	...	...	...
AGRA DIVISION										
6	Aligarh ...	35	19	1,779	83	...	...	1	1	2
7	Muttra ...	31	7	838	11	...	...	1	...	1
8	Agra ...	37	4	1,201	6	...	...	...	2	6
9	Mainpuri ...	23	6	1,400	7	...	...	...	...	...
10	Etah ...	31	11	1,537	11	...	...	...	1	1
ROHILKHAND DIVISION										
11	Bareilly ...	30	20	1,957	34	...	4	...	1	...
12	Bijnor ...	31	18	2,103	20	2	...	2	11	7
13	Budaun ...	28	18	1,841	83	...	...	...	...	...
14	Moradabad ...	33	13	2,492	25	...	...	...	...	...
15	Shahjahanpur ...	22	19	2,096	42	...	...	...	1	2
16	Pilibhit ...	15	8	1,034	10	...	...	3	...	...
ALLAHABAD DIVISION										
17	Farrukhabad ...	23	4	1,635	4	...	...	...	...	...
18	Etawah ...	25	3	1,493	3	...	...	...	...	...
19	Cawnpore ...	28	12	1,979	21	...	...	2	4	...
20	Fatehpur ...	16	5	1,427	8	...	...	...	...	...
21	Allahabad ...	32	19	3,533	32	...	...	...	5	3
JHANSI DIVISION										
22	Jhansi ...	35	1	1,329	1	...	...	2	...	...
23	Jalaun ...	15	3	850	3	...	...	...	...	1
24	Hamirpur ...	23	9	800	21	...	...	...	...	...
25	Banda ...	24	14	1,146	39	...	...	...	3	5
BENARES DIVISION										
26	Benares ...	17	14	2,111	103	3	...	3	4	123
27	Mirzapur ...	24	13	2,815	44	2	2	1	7	16
28	Jaunpur ...	22	11	3,184	27	...	...	3	5	44
29	Ghazipur ...	21	16	2,439	50	2	...	6	4	2
30	Ballia ...	19	13	1,876	38	...	...	...	...	11
GORAKHPUR DIVISION										
31	Gorakhpur ...	47	32	7,632	235	8	3	38	60	19
32	Basti ...	25	14	6,969	126	...	1	24	35	4
33	Azamgarh ...	33	23	4,852	69	...	1	15	85	42
KUMAUN DIVISION										
34	Naini Tal ...	18	3	1,442	3	...	...	...	...	...
35	Almora ...	6	...	5,066	...	...	...	...	...	...
36	Garhwal ...	15	9	4,523	43	...	...	...	...	12
LUCKNOW DIVISION										
37	Lucknow ...	15	5	934	22	...	...	...	6	7
38	Unao ...	19	2	1,687	3	...	...	...	...	...
39	Rae Bareilly ...	14	8	1,733	25	...	...	...	1	15
40	Sitapur ...	23	8	2,335	12	...	...	1	1	...
41	Hardoi ...	25	13	1,895	45	...	...	...	...	...
42	Kheri ...	18	11	1,602	31	...	...	...	...	5
FYZABAD DIVISION										
43	Fyzabad ...	21	13	2,746	35	22	5	3	10	25
44	Gonda ...	25	10	2,803	19	...	...	2	11	11
45	Bahraich ...	19	6	1,873	8	...	...	...	...	...
46	Sultanpur ...	14	5	2,477	7	...	...	3	3	5
47	Partabgarh ...	16	11	2,183	20	...	...	17	3	...
48	Bara Banki ...	23	6	2,059	10	...	...	4	...	...
Total for the Province		1,166	511	105,640	1,551	39	17	132	272	381

FORM No. VII

United Provinces during each month of the year 1932.

5							6			7			8	9
June	July	August	September	October	November	December	Total			Ratio of deaths per 1,000 of population			Mean ratio per 1,000 of previous five years	Number
							Male	Female	Total	Male	Female	Total		
20	19	5	18	..	5	..	40	31	71	·29	·33	·31	·15	1
25	7	18	16	7	4	..	67	24	91	·12	·05	·09	·09	2
3	..	..	6	5	..	..	10	5	15	·02	·01	·02	·04	3
32	31	60	41	22	..	..	102	87	189	·12	·12	·12	·11	4
..	5	44	74	4	1	..	74	54	128	·12	·10	·11	·14	5
1	..	49	507	85	6	23	336	339	675	·53	·63	·58	·17	6
4	2	26	16	20	1	..	39	32	71	·11	·10	·11	·16	7
..	1	1	..	..	..	..	5	5	10	·01	·01	·01	·10	8
..	..	1	6	9	..	..	8	8	16	·02	·02	·02	·13	9
..	..	4	148	72	1	1	128	100	228	·27	·25	·26	·14	10
..	5	154	708	394	111	9	709	677	1,386	1·22	1·37	1·29	·93	11
3	5	12	17	12	5	..	46	30	76	·10	·08	·09	·30	12
..	4	241	317	88	1	..	334	317	651	·61	·68	·64	·09	13
..	17	84	96	99	9	..	150	105	255	·22	·18	·20	·18	14
2	3	12	266	216	29	..	328	293	621	·66	·71	·69	·97	15
..	..	9	19	2	1	..	20	14	34	·08	·07	·07	1·70	16
..	..	1	32	..	..	..	12	21	33	·02	·05	·04	·19	17
..	1	..	36	..	..	..	23	14	37	·05	·04	·05	·27	18
30	10	12	37	11	..	..	70	36	106	·10	·07	·09	·48	19
..	3	12	16	3	1	..	20	15	35	·05	·04	·05	·33	20
12	20	34	9	4	..	..	50	37	87	·06	·05	·06	1·12	21
..	..	..	..	..	..	..	2	..	2	..	..	..	1·24	22
1	7	23	..	..	..	..	18	14	32	·08	·07	·07	·69	23
..	103	130	149	2	..	..	196	188	384	·76	·76	·76	1·20	24
61	67	65	26	1	..	..	140	88	228	·43	·29	·36	·92	25
120	143	104	17	12	7	4	290	250	540	·55	·51	·53	1·23	26
50	76	35	38	5	..	..	133	99	232	·34	·25	·29	1·76	27
38	10	34	..	27	..	..	84	77	161	·14	·12	·13	1·38	28
15	31	42	29	37	2	..	90	80	170	·21	·20	·21	2·24	29
32	75	43	..	2	..	..	86	77	163	·18	·17	·18	2·32	30
41	241	398	124	127	60	6	613	512	1,125	·33	·29	·31	1·97	31
10	31	70	39	39	50	24	178	149	327	·17	·15	·16	2·02	32
58	46	32	12	11	8	..	172	138	310	·21	·18	·20	1·18	33
..	..	1	3	..	3	..	5	2	7	·03	·02	·02	·57	34
..	..	..	..	..	..	..	..	..	..	..	..	..	·66	35
37	86	56	6	..	..	..	90	107	197	·35	·29	·37	1·09	36
41	41	13	..	..	..	..	66	42	108	·15	·12	·14	·40	37
..	..	1	5	4	..	..	6	4	10	·01	·01	·01	·21	38
33	2	1	8	7	..	..	39	28	67	·08	·06	·07	·83	39
..	3	8	9	15	..	5	21	21	42	·03	·04	·03	·61	40
..	13	61	113	26	..	..	104	109	213	·17	·21	·19	·47	41
3	4	26	143	33	..	..	112	102	214	·22	·23	·23	1·04	42
11	15	17	17	32	13	..	95	75	170	·15	·13	·14	2·20	43
4	3	1	..	..	..	..	25	7	32	·03	·01	·02	1·74	44
..	2	19	3	..	..	..	11	13	24	·02	·02	·02	·66	45
13	..	..	..	..	1	..	11	9	20	·02	·02	·02	1·66	46
2	5	1	6	24	..	4	38	29	67	·08	·06	·07	1·46	47
1	21	12	21	15	..	..	36	38	74	·06	·07	·07	·87	48
703	1,153	1,922	3,243	1,472	319	76	5,232	4502	9,734	·20	·20	·20	·94	

1	2	3		4		5						
Number	District.	Circles of registration		Villages		January	February	March	April	May	June	July
		Number in each district	Number from which deaths from smallpox were reported	Number in each district	Number from which deaths from smallpox were reported							
MEERUT DIVISION												
1	Dehra Dun ...	14	5	424	8	2	4	...	3	4	24	...
2	Saharanpur ...	30	9	1,620	12	2	1	1	...	7	2	1
3	Muzaffarnagar ...	27	6	909	7	...	...	10	55	18	13	1
4	Meerut ...	45	3	1,458	3	2	2	2	1	4	14	12
5	Bulandshahr ...	34	1	1,523	1	...	...	...	...	...	...	...
AGRA DIVISION												
6	Aligarh ...	35	3	1,779	3	...	...	...	...	...	...	...
7	Muttra ...	31	1	838	1	...	...	1	...	...	...	...
8	Agra ...	37	1	1,201	1	...	...	...	...	...	1	...
9	Mainpuri ...	23	...	1,400	...	...	...	...	...	...	...	...
10	Etah ...	31	2	1,537	2	...	...	1	...	...	...	...
ROHILKHAND DIVISION												
11	Bareilly ...	30	...	1,957	...	...	...	...	...	...	...	...
12	Bijnor ...	31	4	2,103	4	1	...	1	3	8	1	2
13	Budaun ...	28	3	1,841	3	...	...	...	1	...	1	...
14	Moradabad ...	33	5	2,492	10	17	28	14	2	6	2	...
15	Shahjahanpur ...	22	2	2,093	2	...	...	...	...	...	1	...
16	Pilibhit ...	15	...	1,034	...	...	...	...	...	...	...	...
ALLAHABAD DIVISION												
17	Farrukhabad ...	23	3	1,635	4	...	...	...	...	8	2	3
18	Etawah ...	25	1	1,493	1	...	...	...	...	...	...	1
19	Cawnpore ...	28	2	1,979	2	1	...	...	...	...	2	...
20	Fatehpur ...	16	3	1,427	3	...	...	1	...	...	...	...
21	Allahabad ...	32	5	3,533	8	...	...	...	...	5	...	1
JHANSI DIVISION												
22	Jhansi ...	35	3	1,329	3	...	...	...	...	...	2	1
23	Jalaun ...	15	...	850	...	...	...	...	...	...	...	...
24	Hamirpur ...	23	1	800	1	...	...	...	...	...	...	1
25	Banda ...	24	...	1,146	...	...	...	...	...	...	...	...
BENARES DIVISION												
26	Benares ...	17	13	2,111	67	12	8	12	36	28	35	12
27	Mirzapur ...	24	9	2,815	17	11	7	8	9	9	15	6
28	Jaunpur ...	22	11	3,184	42	3	8	15	18	23	34	5
29	Ghazipur ...	21	20	2,439	181	31	25	59	68	91	136	69
30	Ballia ...	19	14	1,876	49	...	3	26	15	17	34	26
GORAKHPUR DIVISION												
31	Gorakhpur ...	47	28	7,632	205	14	12	24	41	80	57	66
32	Basti ...	25	14	6,969	27	3	3	10	14	14	40	23
33	Azamgarh ...	33	21	4,852	66	25	36	65	58	62	56	33
KUMAUN DIVISION												
34	Naini Tal ...	18	1	1,442	1	...	...	1	...	...	...	...
35	Almora ...	6	2	5,066	8	...	...	1	4	7	2	...
36	Garhwal ...	15	1	4,513	1	...	...	...	...	...	...	...
LUCKNOW DIVISION												
37	Lucknow ...	15	1	934	1	...	1	1	4	9	20	14
38	Unao ...	19	3	1,687	4	...	...	...	1	2	6	1
39	Rae Bareilly ...	14	4	1,733	4	...	...	1	3	1	2	1
40	Sitapur ...	23	4	2,335	6	1	...	...	...	6	1	9
41	Hardoi ...	25	1	1,895	1	...	...	...	...	...	...	...
42	Kheri ...	18	9	1,602	17	1	1	9	13	33	3	1
FYZABAD DIVISION												
43	Fyzabad ...	21	7	2,746	15	6	4	3	7	15	29	7
44	Gonda ...	25	9	2,803	10	...	...	...	...	1	7	3
45	Bahraich ...	19	8	1,873	11	...	5	4	4	7	18	6
46	Sultanpur ...	14	2	2,477	4	...	...	...	3	...	...	4
47	Partabgarh ...	16	...	2,183	...	...	...	...	...	...	...	...
48	Bara Banki ...	23	6	2,059	7	3	5	19	4	2	4	3
Total for the Province		1,166	251	105,640	823	135	153	289	367	467	564	312

FORM No. VIII

of the United Provinces during each month of the year 1932

August	September	October	November	December	6			7		8			9	10
					Total			Number of deaths among children		Ratio of deaths per 1,000 of population			Mean ratio per 1,000 of previous five years	Number
					Male	Female	Total	Under year	One to 10 years	Male	Female	Total		
...	1	...	...	...	19	19	38	15	6	·14	·20	·16	·12	1
...	...	...	...	...	9	5	14	10	4	·01	·01	·01	·10	2
4	...	...	1	...	54	48	102	31	43	·11	·12	·11	·12	3
2	1	1	2	6	28	21	49	9	36	·03	·03	·03	·19	4
...	...	...	...	7	3	4	7	3	4	...	·01	·01	·35	5
1	...	2	...	...	1	2	3	3	...	...	...	...	·15	6
...	...	...	...	...	1	...	1	1	...	...	...	...	·33	7
...	...	...	1	...	2	...	2	1	1	...	...	...	·27	8
...	...	...	...	...	...	...	...	...	...	...	...	...	·10	9
2	...	...	...	...	3	...	3	...	1	·01	...	...	·33	10
...	...	...	...	...	...	...	...	...	...	...	...	...	·17	11
...	...	...	...	...	9	7	16	11	5	·02	·02	·02	·58	12
...	...	...	...	1	1	2	3	2	1	...	...	...	·28	13
...	...	...	...	...	33	36	69	23	26	·05	·06	·05	·29	14
1	...	...	...	...	...	2	2	...	2	...	...	...	·12	15
...	...	...	...	...	...	...	...	...	...	...	...	...	·18	16
1	...	...	2	20	16	20	36	4	32	·03	·05	·04	·08	17
...	...	...	...	...	...	1	1	...	1	...	...	...	·11	18
...	...	...	...	8	5	6	11	3	3	·01	·01	·01	·06	19
...	2	...	...	2	3	2	5	2	3	·01	·01	·01	·05	20
...	...	...	...	2	5	3	8	3	3	·01	...	...	·18	21
...	...	...	...	...	2	1	3	...	3	...	...	...	·12	22
...	...	...	...	...	...	...	...	...	...	...	...	...	·22	23
...	...	...	...	...	1	...	1	...	1	...	...	...	·03	24
...	...	...	...	...	...	...	...	...	...	...	...	...	·09	25
4	1	...	...	1	65	84	149	18	31	·12	·17	·15	·31	26
...	...	...	...	...	38	27	65	2	22	·10	·07	·08	·21	27
7	1	...	1	10	68	57	125	8	84	·11	·09	·10	·18	28
31	11	4	11	28	278	286	564	97	148	·66	·71	·68	·65	29
28	4	4	3	19	98	81	179	58	42	·21	·18	·20	·18	30
34	7	11	6	32	196	188	384	83	204	·11	·11	·11	·12	31
20	6	...	1	...	70	64	134	49	53	·06	·06	·06	·06	32
10	5	3	6	2	177	184	361	64	112	·22	·24	·23	·36	33
...	...	...	...	...	1	...	1	...	1	·01	...	...	·13	34
...	...	...	...	...	6	8	14	...	9	·02	·02	·02	·08	35
...	...	...	2	...	1	1	2	...	...	...	...	...	·06	36
8	4	1	10	19	40	51	91	20	10	·09	·14	·11	·25	37
...	...	...	...	...	3	7	10	...	10	·01	·02	·01	·06	38
1	...	1	1	15	12	14	26	9	12	·02	·03	·03	·03	39
...	...	...	...	...	11	6	17	12	5	·02	·01	·01	·04	40
...	...	...	1	...	1	...	1	...	1	...	...	...	·08	41
11	...	...	...	...	39	33	72	24	34	·08	·07	·08	·03	42
6	...	...	6	...	44	39	83	18	29	·07	·06	·07	·21	43
2	2	...	5	...	11	9	20	8	9	·01	·01	·01	·02	44
...	3	1	...	...	25	23	48	3	27	·04	·04	·04	·05	45
...	...	...	...	...	5	2	7	...	7	·01	...	·01	·05	46
2	...	...	...	...	...	...	...	...	...	...	...	...	·08	47
...	...	...	...	10	25	27	52	10	14	·0	·05	·05	·02	48
175	48	28	59	182	1,409	1,370	2,779	604	1,039	·05	·06	·06	·16	

Deaths registered from **fevers** in the **districts** of the United

Number	District	3 Circles of registration		4 Villages		January	February	March	April	May
		Number in each district	Number from which deaths from fevers were reported	Number in each district	Number from which deaths from fevers were reported					
MEERUT DIVISION										
1	Dehra Dun	14	14	424	360	290	287	322	308	315
2	Saharanpur	30	30	1,620	1,618	1,982	1,751	2,239	2,300	2,432
3	Muzaffarnagar	27	27	909	902	1,422	1,114	1,246	1,573	1,791
4	Meerut	45	45	1,458	1,341	2,494	1,988	2,225	2,927	3,318
5	Bulandshahr	34	34	1,523	1,280	2,089	1,801	1,971	2,415	2,683
AGRA DIVISION										
6	Aligarh	35	35	1,779	1,746	1,940	1,832	1,583	1,932	2,060
7	Muttra	31	31	838	838	1,006	819	782	954	1,139
8	Agra	37	37	1,201	1,201	1,186	1,030	1,058	1,254	1,490
9	Mainpuri	23	23	1,400	920	1,538	1,112	952	1,206	1,023
10	Etah	31	31	1,537	880	1,456	1,167	1,194	1,522	1,526
ROHILKHAND DIVISION										
11	Bareilly	30	30	1,957	1,957	3,342	3,287	2,459	2,963	2,202
12	Bijnor	31	30	2,103	1,491	1,831	1,801	1,601	1,822	1,719
13	Budaun	28	28	1,841	1,630	2,746	2,126	2,356	2,965	2,068
14	Moradabad	33	33	2,492	2,181	3,101	2,524	2,877	3,128	3,063
15	Shahjahanpur	22	22	2,096	397	1,710	1,791	1,579	1,786	1,878
16	Pilibhit	15	15	1,034	973	1,114	886	802	1,166	1,043
ALLAHABAD DIVISION										
17	Farrukhabad	23	23	1,635	953	1,633	1,357	1,393	1,841	1,784
18	Etawah	25	25	1,493	1,370	1,364	1,376	1,038	1,089	1,114
19	Cawnpore	28	28	1,979	617	1,305	1,113	1,354	1,390	1,275
20	Fatehpur	16	16	1,427	470	994	841	809	750	694
21	Allahabad	32	32	3,533	1,898	2,107	1,831	1,468	1,619	1,435
JHANSI DIVISION										
22	Jhansi	35	35	1,329	1,267	1,539	1,198	1,108	1,168	1,350
23	Jalaun	15	15	850	805	500	700	417	551	502
24	Hamirpur	23	23	800	731	1,085	969	594	646	708
25	Banda	24	24	1,146	1,231	1,355	987	1,078	740	629
BENARES DIVISION										
26	Benares	17	17	2,111	1,347	1,313	1,179	1,125	1,246	1,219
27	Mirzapur	24	24	2,815	2,207	1,122	1,007	1,039	913	1,016
28	Jaunpur	22	22	3,184	2,615	1,624	1,328	1,318	1,171	1,225
29	Ghazipur	21	21	2,439	2,389	1,148	692	802	820	775
30	Ballia	19	19	1,876	741	791	507	493	486	636
GORAKHPUR DIVISION										
31	Gorakhpur	47	47	7,632	6,029	4,214	3,044	2,784	3,418	2,934
32	Basti	25	25	6,969	4,396	2,507	1,802	1,660	1,817	1,948
33	Azamgarh	33	33	4,852	3,251	2,049	1,743	1,759	1,897	1,891
KUMAUN DIVISION										
34	Naini Tal	18	18	1,442	1,442	662	555	755	733	691
35	Almora	6	6	5,066	3,064	438	1,027	753	1,127	1,327
36	Garhwal	15	15	4,523	2,917	614	648	1,306	876	1,197
LUCKNOW DIVISION										
37	Lucknow	15	15	934	413	1,093	1,055	1,374	1,613	1,140
38	Unao	19	19	1,687	1,563	1,668	1,646	1,406	1,175	1,788
39	Rae Bareilly	14	14	1,733	1,523	1,147	1,059	1,425	1,340	1,357
40	Sitapur	23	23	2,335	2,335	1,737	1,530	1,823	2,398	2,593
41	Hardoi	25	25	1,895	1,795	2,415	1,878	1,663	2,132	2,206
42	Kheri	18	18	1,602	1,602	1,535	1,164	1,147	1,743	1,920
FYZABAD DIVISION										
43	Fyzabad	21	21	2,746	2,171	1,833	1,424	1,116	1,198	1,605
44	Gonda	25	25	2,803	2,140	1,730	1,524	1,766	1,746	1,971
45	Bahraich	19	19	1,873	1,152	1,181	1,486	2,412	2,329	1,854
46	Sultanpur	14	14	2,477	1,853	1,131	999	1,214	1,007	1,383
47	Partabgarh	16	16	2,183	802	1,335	818	1,108	932	953
48	Bara Banki	23	23	2,059	1,877	1,445	1,428	1,673	2,024	1,935
Total for the Province		1,166	1,165	105,640	78,621	75,921	64,731	66,886	74,216	74,810

FORM No. IX

Provinces during each month of the year 1932

5							6			7			8	9
June	July	August	September	October	November	December	Total			Ratio of deaths per 1,000 of population			Mean ratio per 1,000 of previous five years	Number
							Male	Female	Total	Male	Female	Total		
344	279	259	311	294	244	265	1,824	1,694	3,518	13.26	18.27	15.28	14.78	1
2,834	1,592	1,603	2,148	2,743	2,715	1,993	13,907	12,490	26,397	24.24	26.57	25.29	26.61	2
1,780	1,355	1,033	1,287	1,451	1,771	1,353	9,248	7,928	17,176	18.90	19.56	19.20	20.19	3
4,297	2,334	1,994	2,698	2,521	2,743	2,009	16,195	14,753	30,948	18.59	20.19	19.32	20.97	4
3,803	2,604	1,982	2,781	2,440	2,504	2,310	15,150	14,239	29,389	25.08	26.72	25.85	24.00	5
2,582	1,833	1,353	1,979	2,024	1,662	1,507	11,874	10,433	22,307	18.67	19.47	19.04	19.83	6
1,537	896	741	1,020	1,072	1,136	1,069	6,534	5,637	12,171	17.94	18.56	18.22	17.68	7
1,976	1,359	983	1,281	1,266	1,154	1,267	8,231	7,073	15,304	14.36	14.88	14.60	17.75	8
1,464	1,169	744	1,130	981	974	1,391	7,791	5,893	13,684	18.88	17.48	18.25	17.99	9
1,892	1,492	1,155	1,251	1,456	1,277	1,102	8,968	7,522	16,490	19.23	19.09	19.16	18.25	10
2,510	1,917	2,030	2,562	2,731	2,729	2,808	17,262	14,278	31,540	29.77	28.99	29.41	29.96	11
1,809	1,109	1,097	1,718	2,149	1,990	1,961	10,269	9,238	19,507	23.37	23.57	23.35	25.66	12
2,828	2,166	1,722	2,424	2,554	2,079	2,687	15,802	12,919	28,721	28.93	27.86	28.43	24.74	13
3,585	2,345	2,256	2,888	2,900	2,887	2,616	17,817	16,323	34,170	25.94	27.37	26.61	27.04	14
2,436	1,913	1,657	1,954	2,008	1,724	2,044	12,319	10,161	22,480	24.98	24.66	24.83	26.13	15
1,067	833	754	944	935	1,036	1,197	6,519	5,258	11,777	27.07	25.27	26.24	31.42	16
2,083	1,932	1,408	1,665	1,483	1,478	1,614	10,801	8,869	19,670	22.49	22.33	22.42	20.09	17
1,694	1,267	1,081	1,088	900	1,093	962	7,847	6,219	14,066	18.10	18.68	18.85	16.53	18
1,977	1,391	946	1,161	1,111	970	957	8,651	6,299	14,950	12.93	11.52	12.33	14.29	19
994	716	551	622	605	600	621	4,800	3,997	8,797	13.20	12.21	12.77	13.14	20
1,645	1,522	1,310	1,331	1,282	1,279	1,517	10,280	8,066	18,346	13.39	11.13	12.30	13.79	21
2,434	1,064	1,056	1,311	1,434	1,321	1,085	8,840	7,248	16,088	24.42	21.77	23.30	26.28	22
1,002	976	837	680	661	680	389	4,440	3,515	7,955	19.84	17.34	18.67	17.51	23
1,452	944	877	1,101	1,045	925	860	6,591	5,015	11,606	25.64	20.41	23.09	21.16	24
1,308	933	791	710	777	757	756	6,315	4,506	10,821	19.13	14.46	16.87	17.68	25
1,864	1,291	1,493	1,331	1,579	1,258	1,149	8,336	7,711	16,047	15.88	15.69	15.79	18.27	26
1,196	1,182	1,084	1,085	1,045	1,247	928	6,727	6,137	12,864	17.05	15.57	16.32	17.48	27
1,220	1,273	1,217	1,109	1,024	900	993	8,088	6,374	14,462	13.20	10.23	11.70	14.54	28
1,103	946	925	965	995	804	803	5,768	5,010	10,778	13.64	12.46	13.06	15.49	29
769	897	858	595	770	510	575	4,232	3,655	7,887	9.02	8.23	8.64	12.63	30
3,484	3,504	3,195	3,507	3,560	3,461	3,616	22,703	18,018	40,721	12.40	10.37	11.41	15.37	31
2,202	2,383	2,321	1,954	1,974	2,240	2,364	13,781	11,391	25,172	12.91	11.27	12.11	14.80	32
2,219	1,791	1,653	1,600	1,751	1,738	1,553	11,735	9,909	21,644	14.71	12.81	13.77	16.62	33
654	419	356	466	459	658	660	3,711	3,347	7,068	22.92	29.12	25.49	28.02	34
1,429	1,137	976	800	893	627	514	5,503	5,595	11,098	18.85	19.21	19.03	19.77	35
1,195	1,079	967	825	726	590	681	5,332	5,372	10,704	20.66	19.47	20.05	21.96	36
1,221	733	749	1,025	804	811	887	6,879	5,626	12,505	15.87	15.86	15.88	19.79	37
1,821	1,103	854	1,044	1,177	977	872	8,767	6,764	15,531	19.36	16.79	18.15	18.10	38
1,392	807	686	763	688	799	934	6,987	5,413	12,400	14.85	11.27	12.73	14.92	39
2,933	2,144	1,731	1,852	1,998	2,694	1,933	13,811	11,555	25,366	22.20	21.20	21.73	19.49	40
2,489	2,486	1,897	2,417	2,322	2,013	2,038	14,470	11,486	25,956	23.78	22.12	23.02	19.30	41
2,040	2,404	1,851	1,573	1,797	1,490	1,963	11,505	9,122	20,627	22.82	20.74	21.84	22.48	42
1,866	1,353	1,336	1,268	1,069	1,033	800	8,608	7,293	15,901	14.11	12.26	13.20	16.21	43
2,827	2,785	1,874	2,120	2,199	1,963	2,064	13,526	11,043	24,569	16.77	14.35	15.59	13.23	44
2,328	1,760	1,387	1,410	1,465	2,076	1,419	11,401	9,706	21,107	19.24	17.85	18.57	18.05	45
1,324	1,292	1,117	1,019	857	1,056	749	7,278	5,870	13,148	14.05	11.03	12.51	18.49	46
1,022	977	844	604	851	791	814	6,148	4,901	11,049	13.91	10.56	12.19	15.96	47
2,160	1,725	1,322	1,238	1,161	1,343	1,320	10,314	8,460	18,774	18.61	16.62	17.65	18.33	48
2,091	71,432	60,913	68,089	69,991	68,807	65,369	463,925	389,331	853,256	18.23	16.95	17.63	18.80	

Paragraphs 22 and 23 of Chapter III]

ANNUAL

Deaths registered from *dysentery and diarrhoea* in the districts

Number	District	3		4		January	February	March	April	May
		Circles of registration		Villages						
		Number in each district	Number from which deaths from dysentery and diarrhoea were reported	Number in each district	Number from which deaths from dysentery and diarrhoea were reported					
MEERUT DIVISION										
1	Dehra Dun	14	5	424	14	8	11	16	21	27
2	Saharanpur	30	18	1,620	18	26	14	19	37	40
3	Muzaffarnagar	27	20	909	26	14	3	3	10	15
4	Meerut	45	18	1,458	22	12	5	11	14	29
5	Bulandshahr	34	21	1,523	30	13	6	3	12	37
AGRA DIVISION										
6	Aligarh	35	16	1,779	16	20	27	29	43	56
7	Muttra	31	19	838	23	13	18	15	13	12
8	Agra	37	10	1,201	10	35	15	32	56	84
9	Mainpuri	23	2	1,400	2	..	..	2	..	..
10	Etah	31	15	1,537	17	14	5	8	12	13
ROHILKHAND DIVISION										
11	Bareilly	30	9	1,957	9	14	9	7	29	6
12	Bijnor	31	17	2,103	18	14	9	16	22	24
13	Budaun	28	12	1,841	19	12	7	6	17	17
14	Moradabad	33	28	2,492	45	46	26	41	52	64
15	Shahjahanpur	22	9	2,095	9	7	3	4	4	4
16	Pilibhit	15	7	1,034	7	6	2	3	7	7
ALLAHABAD DIVISION										
17	Farrukhabad	23	9	1,635	10	20	10	4	15	26
18	Etawah	25	8	1,493	8	7	11	6	7	3
19	Cawnpore	28	9	1,979	9	32	17	32	29	24
20	Fatehpur	16	4	1,427	8	4	2	3	4	4
21	Allahabad	35	25	3,533	42	19	12	18	16	21
JHANSI DIVISION										
22	Jhansi	32	11	1,329	12	14	9	6	11	8
23	Jalaun	15	4	850	6	6	..	..	1	2
24	Hamirpur	23	5	800	5	1	4	2	..	3
25	Banda	24	5	1,146	5	..	..	..	1	..
BENARES DIVISION										
26	Benares	17	8	2,111	15	50	61	60	47	81
27	Mirzapur	24	5	2,815	5	10	7	4	7	7
28	Jaunpur	22	9	3,184	9	4	6	4	14	10
29	Ghazipur	21	11	2,439	12	6	2	4	8	1
30	Ballia	19	17	1,876	31	34	21	30	20	26
GORAKHPUR DIVISION										
31	Gorakhpur	47	29	7,632	33	21	12	24	23	20
32	Basti	25	11	6,969	14	13	7	6	11	11
33	Azamgarh	33	22	4,852	48	9	7	18	18	15
KUMAUN DIVISION										
34	Naini Tal	18	15	1,442	33	10	7	12	13	20
35	Almora	6	5	5,066	219	17	47	36	66	79
36	Garhwal	15	15	4,523	1,048	41	85	159	171	292
LUCKNOW DIVISION										
37	Lucknow	15	8	984	8	37	14	26	25	29
38	Unao	19	10	1,687	16	6	1	5	15	4
39	Rae Bareilly	14	7	1,733	10	3	5	3	4	4
40	Sitapur	23	11	2,335	14	7	3	7	13	12
41	Hardoi	25	10	1,895	10	2	4	3	3	2
42	Kheri	18	8	1,602	8	2	2	2	7	4
FYZABAD DIVISION										
43	Fyzabad	21	13	2,746	15	18	20	18	11	23
44	Gonda	25	8	2,803	8	3	3	4	7	6
45	Bahraich	19	5	1,873	5	..	1	2	6	14
46	Sultanpur	14	7	2,477	15	1	2	1	..	3
47	Partabgarh	16	6	2,182	6	..	1	..	4	3
48	Bara Banki	23	8	2,059	17	9	6	6	4	11
Total for the Province...		1,166	554	105,640	1,989	660	549	720	930	1,205

FORM No. X

of the United Provinces during each month of the year 1932

5							6			7			8	9
June	July	August	September	October	November	December	Total			Ratio of deaths per 1,000 of population			Mean ratio per 1,000 of previous five years	Number
							Male	Female	Total	Male	Female	Total		
30	27	29	18	24	15	16	187	105	242	·99	1·13	1·05	1·11	1
35	26	49	52	60	30	29	213	174	417	·42	·37	·40	·36	2
24	20	18	39	30	17	10	107	96	203	·22	·24	·23	·19	3
19	7	27	38	40	27	12	121	120	241	·14	·16	·15	·17	4
29	10	28	57	40	20	19	132	142	274	·22	·27	·24	·36	5
95	32	35	142	103	59	39	334	346	680	·52	·64	·58	·71	6
20	12	23	40	31	20	14	121	110	231	·33	·36	·34	·55	7
121	73	56	128	66	67	38	382	389	771	·67	·81	·73	·58	8
1	..	..	..	..	..	..	2	1	3	..	..	..	·02	9
10	5	22	43	27	9	2	91	79	170	·19	·20	·20	·26	10
21	7	21	55	33	27	7	120	116	236	·21	·23	·22	·21	11
16	19	37	62	46	31	24	164	156	320	·37	·40	·38	·47	12
12	6	14	60	22	18	7	92	96	188	·17	·21	·19	·20	13
95	87	121	221	149	106	61	527	542	1,069	·77	·91	·83	·83	14
2	7	15	121	93	15	5	137	143	280	·28	·35	·31	·21	15
3	8	15	5	14	13	5	50	38	88	·21	·18	·20	·32	16
23	22	43	67	57	43	16	174	185	359	·36	·46	·41	·34	17
8	5	2	10	12	12	12	50	45	95	·12	·13	·13	·19	18
43	39	88	95	52	31	29	295	216	511	·44	·40	·42	·37	19
5	5	5	10	5	1	3	26	25	51	·07	·08	·07	·14	20
20	18	43	27	21	18	24	130	127	257	·17	·17	·17	·26	21
5	7	16	22	24	16	12	63	67	150	·23	·20	·22	·39	22
3	1	9	8	9	2	1	20	22	42	·09	·11	·10	·14	23
1	4	6	10	8	9	..	14	34	48	·05	·14	·09	·10	24
..	1	1	2	1	4	1	4	7	11	·01	·02	·02	·05	25
50	69	85	84	60	69	73	426	363	789	·81	·74	·78	·98	26
8	7	23	15	7	13	6	56	58	114	·14	·15	·14	·25	27
7	1	7	8	3	5	4	41	32	73	·06	·05	·06	·09	28
3	5	2	6	3	3	1	24	20	44	·06	·05	·05	·11	29
33	29	33	16	23	4	18	152	135	287	·32	·30	·31	·47	30
19	22	28	16	8	10	18	137	84	221	·07	·05	·06	·09	31
7	1	5	5	4	2	4	34	42	76	·03	·04	·04	·04	32
13	11	22	12	6	7	6	79	65	144	·10	·08	·09	·15	33
14	11	11	14	6	6	10	67	67	134	·41	·58	·48	·60	34
101	75	50	47	31	27	23	280	319	599	·96	1·09	1·03	1·39	35
300	257	281	177	117	108	76	987	1,077	2,064	3·82	3·90	3·86	4·08	36
49	42	70	80	41	46	60	256	263	519	·59	·74	·66	1·09	37
9	3	5	11	2	13	13	52	35	87	·11	·09	·10	·10	38
..	1	1	6	2	2	6	21	16	37	·04	·03	·04	·08	39
9	3	16	8	11	5	6	50	50	100	·08	·09	·08	·09	40
4	4	14	41	20	24	20	72	69	141	·12	·13	·12	·13	41
1	5	10	3	2	1	..	22	17	39	·04	·04	·04	·06	42
14	12	20	11	23	26	11	107	99	206	·17	·17	·17	·25	43
10	4	6	10	2	2	2	36	25	61	·04	·03	·04	·05	44
5	3	3	4	5	4	..	19	28	47	·03	·05	·04	·10	45
..	3	1	3	5	3	4	20	6	26	·03	·01	·02	·11	46
2	2	4	..	..	..	..	8	8	16	·02	·02	·02	·03	47
4	6	7	8	3	4	7	44	31	75	·08	·06	·07	·10	48
1,363	1,024	1,427	1,907	1,350	997	764	6,546	6,290	12,836	·26	·27	·26	·31	

Deaths registered from **respiratory diseases** in the districts

1	2	3		4		5					
Number	District	Circles of registration.		Villages.		January	February	March	April	May	June
		Number in each district	Number from which deaths from respiratory diseases were reported	Number in each district	Number from which deaths from respiratory diseases were reported						
MEERUT DIVISION.											
1	Dehra Dun	14	11	424	26	72	67	55	76	64	60
2	Saharanpur	30	17	1,620	17	73	69	90	64	71	45
3	Muzaffarnagar	27	24	909	29	13	14	19	23	12	33
4	Meerut	45	25	1,458	39	89	67	79	73	77	75
5	Bulandshahr	34	30	1,523	62	68	54	50	75	63	50
AGRA DIVISION.											
6	Aligarh	35	18	1,779	18	97	120	102	97	104	106
7	Muttra	31	18	838	20	52	61	49	35	41	35
8	Agra	37	13	1,201	15	349	272	275	264	287	315
9	Mainpuri	23	9	1,400	12	..	..	1	..	3	3
10	Etah	31	17	1,537	19	15	31	24	27	17	13
ROHILKHAND DIVISION											
11	Bareilly	30	17	1,957	17	112	97	116	129	68	87
12	Bijnor	31	21	2,103	22	19	24	21	19	23	22
13	Budaun	28	13	1,841	41	48	43	56	42	28	35
14	Moradabad	33	27	2,492	62	315	304	217	197	217	171
15	Shahjahanpur	22	11	2,096	16	36	34	54	33	45	43
16	Pilibhit	15	8	1,034	10	30	41	38	40	30	23
ALLAHABAD DIVISION											
17	Farrukhabad	23	18	1,635	26	84	83	82	42	70	43
18	Etawah	25	13	1,498	13	25	40	27	36	33	32
19	Cawnpore	28	18	1,979	19	265	255	241	316	342	450
20	Fatehpur	16	11	1,427	47	29	35	32	32	18	42
21	Allahabad	32	25	3,533	36	121	95	108	107	124	102
JHANSI DIVISION											
22	Jhansi	35	17	1,323	21	48	47	47	45	43	36
23	Jalaun	15	10	850	52	33	30	24	33	22	44
24	Hamirpur	23	23	800	420	243	186	169	110	85	253
25	Banda	24	9	1,146	9	6	2	5	3	6	5
BENARES DIVISION											
26	Benares	17	8	2,111	23	178	142	188	171	215	205
27	Mirzapur	24	3	2,815	3	18	18	21	12	18	16
28	Jaunpur	22	10	3,184	10	7	11	16	20	15	24
29	Ghazipur	21	15	2,439	24	15	4	8	5	2	5
30	Bellia	19	15	1,876	23	12	8	5	6	12	7
GORAKHPUR DIVISION											
31	Gorakhpur	47	28	7,632	29	53	54	52	46	34	38
32	Basti	25	15	6,939	18	7	11	9	8	15	12
33	Azamgarh	33	17	4,852	47	23	18	48	25	25	28
KUMAUN DIVISION											
34	Naini Tal	18	18	1,442	72	44	55	42	39	34	42
35	Almora	6	5	5,066	146	32	61	46	33	46	39
36	Garhwal	15	15	4,523	288	24	48	52	51	42	46
LUCKNOW DIVISION.											
37	Lucknow	15	11	934	25	261	250	259	270	308	368
38	Unao	19	17	1,687	48	10	14	26	18	21	19
39	Rae Bareilly	14	8	1,733	21	11	15	19	21	16	12
40	Sitapur	23	15	2,335	30	11	19	15	13	25	11
41	Hardoi	25	10	1,895	11	11	18	10	15	19	19
42	Kheri	18	10	1,602	13	4	4	6	8	9	13
FYZABAD DIVISION											
43	Fyzabad	21	12	2,746	12	20	34	28	24	27	18
44	Gonda	25	13	2,803	15	17	17	7	9	14	5
45	Bahraich	19	8	1,873	13	4	12	11	9	8	16
46	Sultanpur	14	6	2,477	9	2	6	4	11	10	13
47	Partabgarh	16	7	2,183	25	5	5	9	12	7	10
48	Bara Banki	23	9	2,059	21	14	13	6	17	16	24
Total for the Province		1,166	698	105,640	1,994	3,025	2,908	2,868	2,766	2,837	3,113

FORM No. XI

of the United Provinces during each month of the year 1932.

						6			7			8		9
July	August	September	October	November	December	Total			Ratio of deaths per 1,000 of population			Mean ratio per 1,000 of previous five years	Number	
						Male	Female	Total	Male	Female	Total			
54	45	24	47	46	70	393	287	680	2.86	3.10	2.95	3.10	1	
36	45	66	51	77	107	441	353	794	.77	.75	.76	.75	2	
36	33	23	27	18	33	165	119	284	.84	.29	.32	.20	3	
44	58	91	84	81	78	503	393	896	.58	.54	.56	.65	4	
21	81	36	37	86	61	329	303	632	.54	.57	.55	.68	5	
65	37	41	72	58	77	494	482	976	.78	.90	.83	.85	6	
34	29	36	46	52	62	292	240	532	.80	.79	.80	1.26	7	
183	144	238	228	275	332	1,630	1,532	3,162	2.84	3.22	3.01	2.74	8	
2	3	7	6	1	1	18	8	26	.04	.02	.03	.04	9	
12	23	14	18	18	28	119	121	240	.25	.31	.28	.28	10	
58	63	85	113	63	101	514	578	1,092	.89	1.17	1.02	1.15	11	
12	10	16	5	40	25	120	116	236	.27	.30	.28	.46	12	
16	28	36	43	43	59	221	256	477	.40	.55	.47	.30	13	
108	118	94	171	157	175	1,226	1,018	2,244	1.78	1.71	1.75	1.77	14	
37	39	52	43	49	57	263	262	525	.53	.63	.58	.86	15	
16	17	25	15	5	27	167	146	313	.69	.70	.70	1.36	16	
34	48	63	45	73	106	416	357	773	.87	.90	.88	1.05	17	
17	8	6	26	37	49	213	123	336	.51	.37	.45	.53	18	
264	329	404	389	307	398	2,002	1,958	3,960	2.99	3.61	3.27	2.65	19	
12	21	23	21	16	25	189	117	306	.52	.36	.44	.28	20	
103	97	104	91	108	119	607	672	1,279	.79	.93	.86	1.04	21	
32	30	25	29	41	59	303	179	482	.85	.54	.70	.91	22	
147	20	54	43	47	43	304	230	540	1.36	1.16	1.27	.97	23	
214	308	452	404	260	319	1,658	1,845	3,003	6.45	5.47	5.97	6.59	24	
3	2	6	7	17	2	46	18	64	.14	.06	.10	.27	25	
103	138	165	137	162	149	977	976	1,953	1.86	1.99	1.92	2.05	26	
23	14	23	17	23	9	119	93	212	.30	.24	.27	.26	27	
9	9	12	22	3	4	80	72	152	.13	.11	.12	.15	28	
10	3	2	4	6	3	43	24	67	.10	.06	.08	.16	29	
2	12	7	11	3	9	57	37	94	.12	.08	.10	.17	30	
35	29	63	40	39	49	268	164	532	.15	.15	.15	.12	31	
10	8	7	6	2	7	57	45	102	.05	.04	.05	.06	32	
25	12	35	38	26	23	170	156	326	.21	.20	.21	.22	33	
33	16	18	31	40	36	266	164	430	1.64	1.43	1.55	1.51	34	
35	42	34	29	31	38	242	229	471	.83	.79	.81	1.07	35	
33	34	19	38	31	29	289	163	452	1.12	.59	.85	.73	36	
245	282	273	242	245	357	1,743	1,617	3,360	4.03	4.56	4.27	4.54	37	
16	14	13	13	18	13	121	74	195	.27	.18	.23	.23	38	
15	12	20	11	17	19	103	85	188	.21	.18	.19	.22	39	
9	23	10	5	10	13	86	78	164	.14	.14	.14	.12	40	
4	10	10	9	16	16	91	66	157	.15	.13	.14	.14	41	
3	4	2	7	3	6	43	26	69	.08	.06	.07	.09	42	
17	21	17	32	53	32	167	156	323	.27	.26	.27	.37	43	
1	3	21	11	8	12	72	53	125	.09	.07	.08	.17	44	
4	14	17	17	18	15	73	72	145	.12	.13	.13	.11	45	
4	11	11	4	5	3	44	40	84	.08	.07	.08	.13	46	
12	13	6	3	15	4	59	42	101	.13	.09	.11	.09	47	
10	14	13	19	14	16	89	87	176	.16	.17	.16	.18	48	
2,223	2,321	2,815	2,811	2,768	3,275	17,892	15,838	33,730	.70	.69	.70	.73		

Deaths registered from **plague** in the districts

1	2	3		4						
Number	District	Circles of registration		Villages		January	February	March	April	May
		Number in each district	Number from which deaths from plague were reported	Number in each district	Number from which deaths from plague were reported					
MEERUT DIVISION										
1	Dehra Dun ..	14	..	424	..	..	..	..	..	..
2	Saharanpur ..	30	16	1,620	53	166	447	785	662	228
3	Muzaffarnagar ..	27	5	909	12	..	..	16	74	61
4	Meerut ..	45	1	1,458	1	..	..	..	2	..
5	Bulandshahr ..	34	..	1,523	..	..	..	..	..	..
AGRA DIVISION										
6	Aligarh ..	35	5	1,779	9	..	4	16	4	23
7	Muttra ..	31	..	838	..	..	..	..	..	..
8	Agra ..	37	..	1,201	..	..	..	..	..	..
9	Mainpuri ..	23	..	1,400	..	..	..	..	..	..
10	Etah ..	31	9	1,537	11	36	68	97	82	46
ROHILKHAND DIVISION										
11	Bareilly ..	30	20	1,957	32	130	149	360	503	195
12	Bijnor ..	31	19	2,103	74	259	350	523	616	219
13	Budaun ..	28	16	1,841	129	100	164	264	263	67
14	Moradabad ..	33	16	2,492	62	57	180	212	144	105
15	Shahjahanpur ..	22	6	2,096	31	104	110	83	87	13
16	Pilibhit ..	15	5	1,031	13	55	53	76	51	23
ALLAHABAD DIVISION										
17	Farrukhabad ..	23	..	1,635	..	..	..	..	..	..
18	Etawah ..	25	..	1,493	..	..	..	..	..	..
19	Cawnpore ..	28	..	1,979	..	..	..	..	..	..
20	Fatehpur ..	16	..	1,427	..	..	..	..	..	..
21	Allahabad ..	32	1	3,533	1	..	1	..	..	..
JHANSI DIVISION										
22	Jhansi ..	35	..	1,329	..	..	..	..	..	..
23	Jalaun ..	15	..	850	..	..	..	..	..	..
24	Hamirpur ..	23	..	800	..	..	..	..	..	..
25	Banda ..	21	..	1,146	..	..	..	..	..	..
BENARES DIVISION										
26	Benares ..	17	10	2,111	69	132	182	216	56	4
27	Mirzapur ..	24	1	2,815	1	..	..	31	..	..
28	Jaunpur ..	22	5	3,184	18	26	37	70	32	25
29	Ghazipur ..	21	13	2,439	133	284	420	576	214	24
30	Ballia ..	19	13	1,876	84	193	219	282	107	21
GORAKHPUR DIVISION										
31	Gorakhpur ..	47	19	7,632	453	508	889	992	459	41
32	Basti ..	25	12	6,969	306	510	944	834	537	125
33	Azamgarh ..	33	18	4,852	155	235	417	646	296	55
KUMAUN DIVISION										
34	Naini Tal ..	18	6	1,442	10	31	34	37	3	4
35	Almora ..	6	..	5,066	..	..	..	..	..	..
36	Garhwal ..	15	..	4,523	..	..	..	..	..	..
LUCKNOW DIVISION										
37	Lucknow ..	15	..	934	..	..	..	..	..	..
38	Unao ..	19	..	1,687	..	..	..	..	..	..
39	Rae Bareilly ..	14	..	1,733	..	..	..	..	..	..
40	Sitapur ..	23	11	2,335	25	61	50	40	48	29
41	Hardoi ..	25	1	1,895	11	37	41	69	45	6
42	Kheri ..	18	4	1,602	12	4	51	50	8	1
FYZABAD DIVISION										
43	Fyzabad ..	21	13	2,745	73	196	343	312	121	112
44	Gonda ..	25	..	2,803	..	..	..	..	..	..
45	Bahraich ..	19	..	1,873	..	..	..	..	..	..
46	Sultanpur ..	14	1	2,477	3	..	9	..	..	..
47	Partabgarh ..	16	..	2,183	..	..	..	..	..	..
48	Bara Banki ..	23	..	2,059	..	..	..	..	..	..
Total for the Province...		1,166	246	105,640	1,781	3,124	5,162	6,557	4,414	1,425

FORM No. XII

of the United Provinces during each month of the year 1932

5							6			7			8	9
June	July	August	September	October	November	December	Total			Ratio of deaths per 1,000 of population			Mean ratio per 1,000 of previous five years	Number
							Male	Female	Total	Male	Female	Total		
...	·09	1
30	2	7	28	52	1,134	1,273	2,407	1·98	2·71	2·30	2·52	2
2	4	...	...	...	3	5	76	89	165	·15	·22	·28	2·45	3
...	2	...	2	...	...	...	·40	4
...	·04	5
38	37	48	85	·06	·09	·07	...	6
...	·01	7
...	·02	8
4	35	159	209	368	·34	·53	·43	·19	9
34	11	8	577	813	1,390	·99	1·65	1·30	1·53	11
29	1	11	18	811	1,315	2,026	1·83	3·10	2·42	1·90	12
21	2	...	...	...	...	1	402	480	882	·73	1·03	·87	1·67	13
7	2	293	414	707	·42	·69	·55	2·09	14
4	1	2	...	...	186	218	404	·38	·53	·45	·64	15
1	113	146	259	·47	·70	·58	·92	16
...	·23	17
...	18
...	·05	19
...	·23	20
...	1	...	1	...	...	...	·24	21
...	22
...	23
...	24
...	25
...	250	340	590	·48	69	·58	·23	26
...	1	1	...	...	...	·01	27
1	84	107	191	·14	·17	·15	·23	28
2	8	5	8	666	875	1,541	1·57	2·17	1·87	4·23	29
...	3	2	5	16	353	495	848	·75	1·11	·93	1·90	30
...	2	6	13	16	59	127	1,278	1,834	3,112	·70	1·05	·87	1·06	31
14	23	...	...	...	...	6	1,217	1,776	2,993	1·14	1·76	1·44	1·01	32
3	9	2	16	699	978	1,677	·87	1·26	1·07	3·36	33
...	61	48	109	·37	·42	·39	·73	34
...	35
...	36
...	·10	37
...	·36	38
...	·30	39
...	92	136	228	·15	·25	·19	·44	40
...	90	108	198	·15	·21	·17	·51	41
...	42	72	114	·08	·16	·12	·67	42
91	7	4	1	...	3	...	482	708	1,190	·79	1·19	·99	1·15	43
...	·12	44
...	·05	45
...	4	5	9	·01	·01	·01	·02	46
...	·11	47
...	·86	48
281	38	10	20	45	127	294	9,109	12,388	21,497	·36	·54	·44	·77	

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STATISTICAL STATEMENTS

AND

APPENDICES

(*Vaccination*)

VACCINATION STATEMENT NO. I.—*Showing the particulars of vaccination*

Number	Ranges and districts	Population according to census of 1931	Average population per square mile	Average number of vaccinators employed throughout the year	Total number of persons vaccinated			Average number of persons vaccinated by each vaccinator	Total	Primary vaccination		
					Male	Female	Total			Successful		
										Under one year	One and under six years	
1	2	3	4	5	6			7	8	9	10	
					Male	Female	Total					
1	First Range.	Dehra Dun ..	230,247	194	11	7,974	4,658	12,632	1,148.36	6,229	3,718	1,875
2		Saharanpur ..	1,043,920	489	19	25,948	19,207	45,155	2,376.58	39,123	34,331	2,964
3		Muzaffarnagar ..	894,662	541	16	19,760	16,492	36,252	2,265.75	34,480	26,369	4,602
4		Meerut ..	1,601,918	699	29	43,932	30,133	74,125	2,556.03	51,038	39,169	8,413
5		Bulandshahr ..	1,136,885	595	20	23,740	19,691	43,431	2,171.55	42,452	34,191	5,021
6		Aligarh ..	1,171,745	602	21	25,764	18,955	44,719	2,129.48	34,965	29,051	4,362
7		Muttra ..	668,074	461	16	14,320	11,376	25,696	1,606.00	21,974	18,096	1,793
8		Agra ..	1,048,316	567	23	33,897	19,435	53,332	2,318.78	34,196	22,588	6,818
9		Mainpuri ..	749,683	448	14	9,626	8,442	18,068	1,290.57	17,132	12,438	3,602
10		Etah ..	860,478	501	19	16,266	12,617	28,883	1,520.16	26,135	18,559	6,094
11		Bareilly ..	1,072,379	679	15	19,484	14,589	34,023	2,268.20	30,153	18,899	8,359
12		Bijnor ..	835,469	466	16	12,490	11,562	24,052	1,503.25	23,518	16,736	5,100
13		Budaun ..	1,010,180	503	18	20,106	15,788	35,894	1,994.11	31,691	23,319	6,762
14		Moradabad ..	1,284,108	561	24	25,294	22,674	47,968	1,998.67	46,949	38,458	5,532
15		Shahjahanpur ..	905,131	518	16	12,678	11,298	23,971	1,498.19	23,251	16,152	5,192
16		Pilibhit ..	443,838	333	9	7,652	6,595	14,247	1,583.00	13,659	9,232	2,920
17		Garhwal ..	533,885	95	15	18,789	14,351	33,140	2,209.33	20,929	8,421	11,465
18		Naini Tal ..	277,286	102	12	10,184	5,603	15,787	1,311.42	9,849	6,368	2,025
19		Almora ..	583,302	108	19	25,859	17,880	43,739	2,302.05	24,526	13,537	9,392
20		Lucknow ..	787,472	314	23	35,541	20,876	55,917	1,997.03	26,447	16,097	5,203
21		Unao ..	855,700	479	15	13,341	10,549	23,890	1,592.66	24,297	13,304	6,625
22		Rae Bareilly ..	974,127	557	16	18,583	12,274	30,857	1,928.56	29,180	9,873	13,018
23		Sitapur ..	1,167,139	520	18	17,206	14,765	31,971	1,776.17	31,155	22,681	5,846
24		Hardoi ..	1,127,626	485	21	15,642	13,236	28,878	1,375.14	28,819	15,661	9,354
25		Kheri ..	944,479	318	21	13,412	11,758	25,200	1,200.00	24,550	16,732	6,070
		Total ..	22,212,999	403	451	487,473	364,304	851,777	1,888.64	696,197	484,010	143,807
26	Second Range.	Farrukhabad ..	877,392	534	16	12,149	10,372	22,521	1,407.56	21,541	15,677	5,008
27		Etawah ..	746,005	442	12	12,131	10,278	22,409	1,867.42	20,979	16,007	3,235
28		Cawnpore ..	1,212,253	12	29	57,658	29,443	87,101	3,003.48	89,269	21,101	10,267
29		Fatehpur ..	683,789	419	13	11,317	9,168	20,985	1,614.23	20,309	11,681	5,466
30		Allahabad ..	1,491,913	524	25	23,993	18,046	42,039	1,681.56	36,393	19,489	12,524
31		Jhansi ..	690,418	191	26	13,530	11,192	24,722	950.84	23,333	19,216	2,562
32		Jalaun ..	426,022	275	13	9,994	7,043	17,037	1,310.54	14,971	12,890	1,241
33		Hamirpur ..	502,689	206	13	8,520	7,743	16,263	1,251.00	15,501	12,588	2,160
34		Banda ..	625,771	218	15	9,092	7,600	16,692	1,112.80	16,563	11,629	4,120
35		Benares ..	1,016,378	930	17	22,290	16,456	38,746	2,279.18	33,037	12,539	18,326
36		Mirzapur ..	788,409	180	22	15,604	13,557	29,161	1,325.50	25,743	17,963	6,001
37		Jaunpur ..	1,236,071	797	19	24,105	16,559	40,664	2,140.21	33,452	14,199	15,204
38		Ghazipur ..	824,971	634	13	15,602	10,737	26,339	2,029.92	20,771	3,620	14,461
39		Ballia ..	913,090	742	14	16,454	13,597	30,051	2,146.50	29,019	15,620	11,807
40		Gorakhpur ..	3,567,561	787	75	53,173	46,233	99,406	1,325.41	97,026	51,259	33,813

in the United Provinces during the year 1932-33.

Total of all ages	Unknown	Re-vaccination			Percentage of successful cases in which the results were known		Persons successfully vaccinated per 1,000 of population	Percentage of unknown cases to total cases		Average annual number of persons successfully vaccinated during previous five years		Average annual number of deaths from small-pox during previous five years	
		Total	Successful	Unknown	Primary	Re-vaccination		Primary	Re-vaccination	Number	Ratio per 1,000	Number	Ratio per 1,000
11	12	13	14	15	16	17	18	19	20	21	22	23	24
5,903	152	6,403	3,176	410	97.14	52.99	39.43	2.44	6.40	8,138.20	35.84	26.80	.12
27,898	229	6,205	2,959	357	97.44	50.60	39.14	.58	5.75	37,383.80	35.81	93.20	.10
31,339	349	2,799	711	251	91.82	27.90	35.82	1.01	8.97	28,137.20	31.45	99.00	.12
48,192	322	23,649	7,075	1,225	95.02	31.55	34.50	.63	5.18	46,709.40	29.16	280.60	.19
39,935	107	1,712	367	63	94.31	22.25	35.45	.25	3.63	37,128.00	32.65	373.80	.35
33,787	196	9,958	2,872	812	97.17	29.21	31.11	.56	8.15	35,029.00	29.89	163.00	.15
20,020	421	4,421	1,060	420	92.89	26.49	31.55	1.91	9.50	19,480.00	29.16	206.20	.33
29,761	1,378	19,859	1,903	1,620	90.63	9.91	30.11	4.03	8.16	30,655.00	29.24	249.20	.27
16,173	312	1,116	289	197	96.15	31.45	21.96	1.82	17.65	15,954.20	21.28	73.20	.10
25,377	60	2,969	1,107	11	97.32	37.42	30.78	.21	.37	26,343.00	30.61	271.00	.33
27,505	578	4,466	1,127	266	93.00	26.83	26.70	1.92	5.96	28,168.40	26.27	177.80	.17
22,020	384	915	225	90	95.18	27.27	26.62	1.63	9.84	21,957.20	26.28	434.20	.58
30,546	97	4,604	1,435	201	96.68	32.59	31.66	.31	4.86	30,083.80	29.78	272.80	.28
44,214	234	2,190	466	108	94.75	22.88	34.79	.60	4.93	41,680.60	32.46	354.20	.29
21,636	156	1,172	257	103	93.68	24.09	24.19	.67	8.96	21,087.20	23.30	100.00	.12
12,109	500	1,207	109	323	92.02	12.33	27.22	3.66	27.76	13,571.80	30.24	77.20	.18
20,044	337	12,294	7,535	1,991	97.84	73.13	51.66	1.61	16.19	27,919.40	52.29	27.80	.06
8,480	239	6,820	1,335	1,341	93.03	24.36	35.40	2.56	19.66	9,434.80	34.20	37.00	.13
23,295	677	19,866	7,006	4,292	97.68	46.48	51.95	2.76	22.16	26,498.60	45.43	42.60	.08
22,925	281	29,635	6,495	495	91.43	22.29	33.63	1.06	1.67	21,524.40	27.33	182.00	.25
21,941	153	963	272	55	90.89	29.79	25.96	.65	5.68	22,263.40	26.02	51.00	.06
28,402	124	1,709	762	155	97.75	49.03	29.94	.42	9.07	27,825.00	28.56	27.60	.03
30,262	190	88	190	97	97.73	24.23	26.09	.61	11.01	30,555.60	26.18	49.00	.04
26,797	198	1,037	316	53	93.63	32.11	24.04	.69	5.11	27,509.80	24.39	90.00	.08
23,788	62	731	243	21	97.14	34.22	25.44	.25	2.87	23,245.40	24.61	31.60	.03
653,349	7,791	167,086	48,997	14,359	94.91	32.21	31.62	1.12	8.95	658,329.20	29.64	3,791.80	.17
21,041	62	1,096	402	17	97.96	37.26	24.44	.29	1.55	22,778.20	25.96	71.60	.03
19,650	132	1,799	789	68	94.26	45.58	27.40	.63	3.78	20,225.00	27.11	79.00	.11
33,751	1,199	48,504	4,880	3,575	83.65	10.86	31.87	3.05	7.37	34,273.20	28.27	73.60	.06
17,907	420	1,388	499	128	90.03	39.60	26.72	2.06	9.22	16,292.20	23.65	36.00	.05
34,134	909	5,824	2,079	668	96.19	40.32	24.27	2.50	11.47	34,237.00	22.95	297.00	.18
22,057	140	1,887	570	90	95.10	31.72	32.77	.60	4.77	22,017.20	31.89	74.80	.12
14,555	80	2,156	728	132	97.74	35.96	35.87	.53	6.12	14,970.00	35.14	87.80	.22
15,014	83	916	784	51	97.38	30.63	31.43	.53	5.57	17,202.60	34.22	13.60	.03
16,190	127	178	141	19	98.48	38.68	26.10	.77	1.07	16,497.80	26.36	51.80	.09
31,747	185	6,074	2,971	575	96.58	54.03	34.16	.56	9.47	32,321.60	31.80	296.00	.31
25,190	6	3,595	2,859	84	97.35	31.43	35.58	.02	2.34	29,279.40	37.14	153.20	.21
32,903	111	7,290	4,654	354	98.69	67.10	30.33	.33	4.85	32,510.00	26.30	215.80	.18
19,784	280	5,656	2,646	513	96.55	51.45	27.19	1.35	9.07	21,395.40	25.93	518.20	.65
28,495	81	1,092	804	31	98.47	75.77	32.09	.28	2.84	26,832.80	29.39	155.40	.13
90,362	2,621	3,429	1,316	553	95.72	45.76	25.70	2.70	16.13	107,601.60	30.16	395.60	.12

VACCINATION STATEMENT NO. I.—Showing the particulars of vaccination

Number	Ranges and districts	Population according to census of 1931	Average population per square mile	Average number of vaccinators employed throughout the year	Total number of persons vaccinated			Average number of persons vaccinated by each vaccinator	Total	Primary vaccination	
										Successful	
										Under one year	One and under six years
1	2	3	4	5	6			7	8	9	10
					Male	Female	Total.				
41	Basti ..	2,078,024	737	30	29,987	25,963	55,900	1,863.33	54,962	27,687	22,115
42	Azamgarh ..	1,571,577	710	25	24,035	18,600	42,635	1,705.40	41,808	13,120	22,377
43	Fyzabad ..	1,204,789	699	21	19,775	14,084	33,859	1,612.33	31,745	15,709	10,901
44	Gonda ..	1,576,003	555	29	22,902	18,435	41,337	1,425.41	39,636	17,045	17,223
45	Bahraich ..	1,136,348	431	19	23,962	16,380	40,342	2,149.58	38,013	20,652	10,301
46	Sultanpur ..	1,051,284	614	18	24,156	17,469	41,625	2,312.50	40,543	11,135	21,175
47	Partabgarh ..	906,233	628	14	15,322	11,036	26,358	1,882.71	25,410	6,440	14,022
48	Bara Banki ..	1,063,779	606	16	16,773	12,957	29,730	1,858.12	23,967	16,824	8,529
	Total ..	26,195,764	505	494	482,974	363,498	846,472	1,713.51	743,519	384,100	272,333
	TOTAL OF ALL RANGES	48,408,763	456	945	970,447	727,802	1,698,249	1,797.09	1,444,716	868,110	421,195
	TOTAL OF DISPENSARY STAFF.	..	..	..	895	136	1,031	..	262	31	64
	TOTAL OF PRIVATE MEDICAL PRACTITIONERS.	..	..	..	597	329	926	..	475	50	22
	TOTAL OF RAILWAY DISPENSARIES.	..	..	..	4,283	1,302	5,588	..	1,134	337	439
	GRAND TOTAL ..	48,408,763	456	945	976,225	729,569	1,705,794	1,797.09	1,446,587	868,588	421,720

NOTE.—(1) Column 13—"Re-vaccination" includes the vaccination of all persons who bear marks of
 (2) Difference of 17,848 between the number of primary vaccinations and re-vaccinations performed
 any operations.

* In addition 15,744 operations—210 primary and 15,534 re-vaccinations were performed by military

SUM

	Total number of persons vaccinated		Total number of operations performed	
	Primary	Re-vaccination	Primary	Re-vaccination
By special staff (Statement I) ..	1,427,074	271,175	1,444,716	271,381
By dispensary staff ..	262	769	262	769
By Private Medical Practitioners ..	475	451	475	451
By Railway Dispensaries ..	1,134	4,454	1,134	4,454
Total ..	1,428,945	276,849	1,446,587	277,055

in the United Provinces during the year 1932-33 --(concluded)

Total of all ages	Unknown	Re-vaccination			Percentage of successful cases in which the results were known		Persons successfully vaccinated per 1,000 of population	Percentage of unknown cases to total cases		Average annual number of persons successfully vaccinated during previous five years		Average annual number of deaths from small-pox during previous five years	
		Total	Successful	Unknown	Primary	Re-vaccination		Primary	Re-vaccination	Number	Ratio per 1,000	Number	Ratio per 1,000
11	12	13	14	15	16	17	18	19	20	21	22	23	24
53,973	453	1,006	659	111	99.02	73.63	26.29	.82	11.03	52,050.20	25.05	118.40	.06
40,677	197	1,419	925	108	98.94	70.56	26.47	.47	7.61	40,845.20	25.99	548.80	.36
30,110	62	2,533	1,806	32	95.03	52.22	26.07	.19	1.26	30,041.20	24.93	246.60	.21
38,047	240	1,899	752	142	96.57	42.80	24.62	.61	7.48	37,995.60	24.11	30.20	.02
37,591	137	2,958	2,807	49	99.25	96.49	35.55	.36	1.66	38,134.60	33.60	57.00	.05
39,022	325	1,141	596	47	97.03	54.48	37.68	.80	4.12	34,763.20	33.07	48.00	.05
23,399	393	1,248	522	132	93.53	46.77	26.40	1.55	10.58	22,667.60	25.01	70.80	.03
27,059	178	1,207	313	34	93.99	26.68	25.73	.61	2.81	25,420.00	23.89	20.40	.02
712,658	8,421	104,295	34,002	7,513	96.29	35.13	28.50	1.12	7.20	730,401.60	27.88	3,619.60	.14
1,366,007	16,212	271,381	82,999	22,472	95.62	33.34	29.93	1.12	8.28	1,333,730.80	28.69	7,411.40	.16
208	50	769	102	195	98.11	17.77	..	19.08	25.36	..	..	..	..
74	398	451	66	269	96.10	36.26	..	83.79	59.64	..	..	..	..
957	75	4,454	1,884	394	90.37	46.40	..	6.61	8.84	..	..	..	..
1,367,246	16,735	277,055	83,051	23,330	95.62	33.52	30.00	1.16	8.42	1,338,730.80	29.69	7,411.40	.16

previous vaccination or of small-pox.

(total of columns 8 and 13), and the total number of persons vaccinated (total in column 6) represents second-medical officers in cantonments, out of these 9,732-180 primary and 9,552 re-vaccinations were successful.

MARY

Percentage of successful cases in which the results were known		Average number of persons vaccinated by each vaccinator		Number of children successfully vaccinated		Ratio of successful vaccinations per 1,000 of population	Total cost of department	Average cost of each successful case
Primary	Re-vaccination	Vaccinators employed	Persons vaccinated by each vaccinator	Under one year	One and under six years			
95.62	33.34	945	1,797.09	868,110	421,195	29.93	Rs. 375,063	Rs. a p. 0 4 2
98.11	17.77	..	..	31	64	..	..	..
96.10	36.26	..	..	50	22	..	..	..
90.37	46.40	..	..	397	499	..	..	..
95.62	33.52	945	1,797.09	868,588	421,720	30.00	Rs. 375,063	Rs. a p. 0 4 2

VACCINATION STATEMENT NO. II.—*Showing the cost of the department*

Number	Ranges and districts	Expen							
		Assistant Direc- tors of Public Health		Assistant Super- intendents of Vaccination		Vaccinators		Clerks	
		Number	Pay Rs.	Number	Pay Rs.	Number	Pay Rs.	Number	Pay Rs.
1	Dehra Dun .. ..	..	..	1	690	11	2,913	..	..
2	Saharanpur .. ..	..	..	1	726	19	6,275	1	463
3	Muzaffarnagar .. ..	..	..	1	424	16	4,897	..	..
4	Meerut .. ..	..	..	1	700	29	9,615	..	..
5	Bulandshahr .. ..	..	..	1	736	20	5,749	..	..
6	Aligarh .. ..	..	..	1	624	21	6,029	..	..
7	Muttra .. ..	..	..	1	480	16	3,687	..	..
8	Agra .. ..	..	..	1	1,282	23	7,898	..	..
9	Mainpuri .. ..	..	..	1	498	14	4,127	..	..
10	Etah .. ..	..	..	1	476	19	5,308	..	..
11	Bareilly .. ..	..	..	1	748	15	4,191	2	156
12	Bijnor .. ..	..	..	1	458	16	4,450	..	..
13	Budaun .. ..	..	..	1	570	18	5,568	..	..
14	Moradabad .. ..	..	..	1	660	24	8,068	..	..
15	Shahjahanpur .. ..	..	..	1	545	16	3,684	..	..
16	Pilibhit .. ..	..	..	1	511	9	2,908	..	..
17	Garhwal .. ..	..	..	1	506	15	4,087	..	..
18	Naini Tal .. ..	..	..	1	660	12	3,818	..	..
19	Almora .. ..	..	..	1	641	19	6,521	..	..
20	Lucknow .. ..	..	..	1	856	28	5,677	..	..
21	Unao .. ..	..	..	1	800	15	3,859	..	..
22	Rae Bareli .. ..	..	..	1	575	16	4,134	..	..
23	Sitapur .. ..	..	..	1	594	18	5,846	..	..
24	Hardoi .. ..	..	..	1	648	21	5,769	..	..
25	Kheri .. ..	..	..	1	578	21	6,172	..	..
26	Farrukhabad .. ..	..	..	1	648	16	4,301	..	..
27	Etawah .. ..	..	..	1	489	12	3,687	..	..
28	Cawnpore .. ..	..	..	1	1,432	29	9,256	..	..
29	Fatehpur .. ..	..	..	1	574	13	3,509	..	..
30	Allahabad .. ..	..	..	1	664	25	8,287	1	115
31	Jhansi .. ..	..	..	1	540	26	7,702	..	..
32	Jalaun .. ..	..	..	1	486	13	4,800	..	..
33	Hamirpur .. ..	..	..	1	486	13	3,718	..	..
34	Banda .. ..	..	..	1	480	15	4,313	..	..
35	Benares .. ..	..	..	1	685	17	5,110	1	97
36	Mirzapur .. ..	..	..	1	583	22	6,178	..	..
37	Jaunpur .. ..	..	..	1	642	19	4,065	..	..
38	Ghazipur .. ..	..	..	1	584	13	3,796	1	171
39	Ballia .. ..	..	..	1	491	14	3,801	..	..
40	Gorakhpur .. ..	..	..	2	1,323	75	16,473	..	..

in the United Provinces during the year 1932-33

Peons		diture					Paid from—					Number of all successful vaccinations and re-vaccinations performed by the vaccination staff only	Average cost of each successful case performed by the vaccination staff only	Number
Number	Pay	Total pay of establishment	Travelling allowances	Contingencies	Total cost	Imperial funds	Provincial funds*	Local funds†	Municipalities	Native States‡	Total			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		A. p.	
..	..	3,603	410	1,237	5,250	..	..	3,472	1,778	..	5,250	9,079	9 3	1
1	18	7,482	252	1,820	9,554	..	..	7,103	2,451	..	9,554	40,857	3 8	2
..	..	5,321	154	1,236	6,711	..	..	5,826	885	..	6,711	32,050	3 4	3
..	..	10,315	227	1,486	12,028	..	..	9,999	2,029	..	12,028	55,267	3 6	4
..	..	6,435	202	1,637	8,324	..	..	7,344	980	..	8,324	40,302	3 4	5
1	74	6,727	160	1,928	8,815	..	..	6,808	2,007	..	8,815	36,459	3 11	6
2	80	4,247	125	1,872	6,244	..	..	5,042	1,202	..	6,244	21,080	4 9	7
2	306	9,481	72	1,248	10,801	..	..	7,100	3,701	..	10,801	31,569	5 5	8
..	..	4,625	50	571	5,236	..	..	5,062	224	..	5,286	16,462	5 2	9
..	..	5,784	102	1,021	6,907	..	..	5,393	1,514	..	6,907	26,484	4 2	10
4	126	5,216	320	1,220	6,756	..	..	5,468	1,288	..	6,756	28,632	3 9	11
1	50	4,953	158	955	6,066	..	..	4,484	1,582	..	6,066	22,245	4 5	12
2	185	6,318	100	899	7,317	..	..	6,104	1,213	..	7,317	31,981	3 7	13
4	319	9,042	103	2,078	11,223	..	..	8,820	2,403	..	11,223	44,680	4 0	14
2	143	4,372	46	765	5,183	..	..	4,097	1,086	..	5,183	21,893	3 5	15
3	170	3,584	86	783	4,453	..	..	3,885	568	..	4,453	12,218	5 10	16
14	899	5,442	144	237	5,823	..	..	5,823	..	..	5,823	27,579	3 4	17
2	207	4,185	235	1,439	5,859	..	..	4,697	1,162	..	5,859	9,815	9 7	18
..	..	7,162	108	2,055	9,325	..	..	8,787	538	..	9,325	30,301	4 11	19
..	..	6,533	120	1,374	8,027	..	..	3,788	4,239	..	8,027	30,420	4 3	20
2	61	4,720	49	1,068	5,867	..	..	5,552	315	..	5,867	22,213	4 3	21
..	..	4,709	117	854	5,680	..	..	5,362	318	..	5,680	29,164	3 1	22
1	7	6,447	..	823	7,270	..	..	6,705	565	..	7,270	30,452	3 9	23
..	..	6,417	108	1,241	7,766	..	..	6,780	986	..	7,766	27,113	4 7	24
2	228	6,978	135	860	7,973	..	..	5,333	598	2,042	7,973	24,081	5 4	25
..	..	4,949	96	659	5,704	..	..	4,751	953	..	5,704	21,443	4 4	26
..	..	4,176	126	560	4,862	..	..	4,389	473	..	4,862	20,439	3 9	27
8	1,246	11,934	..	2,441	14,375	..	..	9,048	5,327	..	14,375	38,631	5 11	28
..	..	4,083	114	1,016	5,218	..	..	4,937	276	..	5,213	18,406	4 5	29
4	413	9,479	110	2,294	11,883	..	..	9,377	2,506	..	11,883	36,213	5 10	30
2	110	8,352	12	853	9,217	..	..	7,504	1,713	..	9,217	22,627	6 7	31
..	..	4,786	100	333	5,239	..	..	3,812	971	456	5,239	15,283	5 6	32
..	..	4,204	125	732	5,061	..	..	5,061	..	..	5,061	15,798	5 1	33
1	44	4,837	59	677	5,573	..	..	5,007	566	..	5,573	16,331	5 6	34
4	220	6,112	365	1,362	7,839	..	..	5,385	2,454	..	7,839	34,718	3 6	35
..	..	6,761	75	1,254	8,090	..	..	7,225	865	..	8,090	28,049	4 7	36
1	42	4,749	100	1,332	6,231	..	..	5,714	517	..	6,231	37,557	2 8	37
1	58	4,559	120	713	5,392	..	..	4,393	499	..	5,392	22,430	3 10	38
1	120	3,912	90	665	4,667	..	..	4,174	493	..	4,667	29,299	2 6	39
1	36	17,832	530	2,661	21,023	..	..	20,454	569	..	21,023	91,678	3 8	40

* Government.

† District Boards, Cantonments and Notified and Town Areas.

‡ Including contributions from Courts of Wards and private persons.

VACCINATION STATEMENT NO. II.—Showing the cost of the department

Number	Ranges and districts			Expen							
				Assistant Direc- tors of Public Health		Assistant Super- intendents of Vaccination		Vaccinators		Clerks	
				Number	Pay	Number	Pay	Number	Pay	Number	Pay
				Rs.		Rs.		Rs.		Rs.	
41	Second Range—(concluded).	Basti	..	..	..	1	661	30	9,742	1	327
42		Azamgarh	..	..	..	1	817	25	7,189	..	..
43		Fyzabad	..	..	..	1	656	21	5,933	..	..
44		Gonda	..	..	..	1	522	29	8,530	..	..
45		Bahraich	..	..	..	1	648	19	6,107	..	..
46		Sultanpur	..	..	..	1	486	18	5,113	..	..
47		Partabgarh	..	..	..	1	486	14	3,967	..	..
48		Bara Banki	..	..	..	1	663	16	5,980	..	..
		Total of districts	..	..	..	49	30,972	945	2,71,237	7	1,829
		Office establishment of Assistant Director of Public Health, 1st Range.		1	12,918	..	..	..	..	2	936
		Office establishment of Assistant Director of Public Health, 2nd Range.		1	19,606	..	..	..	..	2	1,250
		Government Bovine Lymph Depot, Patwa Dangar, Naini Tal.		..	..	..	..	(a)4	2,680	(b)4	10,771
		GRAND TOTAL	..	2	32,524	49	30,972	(a)949	2,73,867	(b)15	14,286

(a) Includes Laboratory assistants.

(b) „ one superintendent.

in the United Provinces during the year 1932-33—(concluded).

Expenditure						Paid from—						Number of all successful vaccinations and re-vaccinations performed by the vaccination staff only	Average cost of each successful case performed by the vaccination staff only	Number
Number	Peons Pay	Total pay of establishment	Travelling allowances	Contingencies	Total cost	Imperial funds	Provincial funds*	Local funds†	Municipalities	Native States‡	Total			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		A p.	
..	..	10,730	120	2,077	12,927	..	..	12,716	..	211	12,927	54,632	3 9	41
..	..	8,006	48	2,171	10,225	..	..	9,846	379	..	10,225	41,602	3 11	42
2	90	6,679	234	1,456	8,369	..	..	6,723	1,646	..	8,369	31,416	4 3	43
1	156	9,208	223	1,346	10,782	..	..	9,302	1,480	..	10,782	38,799	4 5	44
2	60	6,815	92	1,401	8,308	..	..	7,571	737	..	8,308	40,398	3 3	45
..	..	5,599	131	779	6,509	..	..	6,146	363	..	6,509	39,618	2 7	46
..	..	4,458	180	657	5,290	..	..	4,877	413	..	5,290	23,921	3 6	47
3	117	6,760	222	794	7,776	..	..	7,475	301	..	7,776	27,372	4 6	48
74	5,585	3,09,123	6,900	59,040	3,75,063	..	..	3,15,221	57,133	2,709	3,75,063	1,449,006	(d) 4 2	
3	418	14,272	1,989	900	17,161	..	17,161	..	..	..	17,161	..	..
3	411	21,267	2,698	870	24,835	..	24,835	..	..	..	24,835	..	..
3	504	13,905	350	27,690	41,945	..	41,945	..	..	..	41,945	..	..
383	6,918	3,58,567	11,937	83,500	4,59,004	..	83,941	3,15,221	57,133	2,709	4,59,004	1,449,006	(d) 4 2	

(c) Includes one mali.

(d) Calculated on the total number of successful vaccinations and re-vaccinations performed by the special department only and the total cost of districts excluding that of the Government Bovine Lymph Depot.

* Government.

† District Boards, Cantonments and Notified and Town Areas.

‡ Including contributions from Courts of Wards and private persons.

COMPARATIVE VACCINATION STATEMENT NO. III.—*Showing the number of per
Provinces in each of the undermentioned*

Number	Range	Establishment	Persons					
			1923-24		1924-25		1925-26	
			Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated
1	First Range.	MEERUT DIVISION.						
2		Municipal	17,393	15,914	14,690	13,786	13,053	11,725
3		Local Funds	128,018	119,475	133,321	127,698	134,785	127,681
4		Native States .. ..	..	..	..	..	..	..
5		AGRA DIVISION.						
6		Municipal	16,568	14,728	18,063	16,321	18,841	16,628
7		Local Funds	101,277	91,795	102,780	96,815	105,148	95,871
8		Native States	1,691	1,617	1,917	1,874	1,451	1,390
9		ROHILKHAND DIVISION.						
10		Municipal	22,914	(a) 20,641	26,443	24,583	26,404	24,195
11	Second Range.	Local Funds	130,649	117,995	123,894	120,007	139,757	127,558
12		Native States .. ..	..	..	..	..	..	..
13		GARHWAL DISTRICT						
14		Local Funds	11,176	10,728	14,767	14,439	17,483	16,872
15		Total of First Range ..	428,840	392,888	440,825	415,028	456,922	421,920
16		NAINI TAL AND ALMORA DISTRICTS.						
17		Municipal	1,005	979	1,398	1,335	1,392	1,346
18		Local Funds	25,071	23,136	26,873	25,525	27,101	25,185
19		Native States .. ..	..	..	..	..	..	..
20		LUCKNOW DIVISION.						
21	Third Range.	Municipal	14,548	13,775	13,717	13,037	13,517	11,864
22		Local Funds	95,812	91,104	96,287	94,070	106,690	102,737
23		Native States	23,432	22,755	19,304	19,525	17,899	17,516
24		FYZABAD DIVISION.						
25		Municipal	8,758	8,333	8,429	7,965	7,969	7,257
26		Local Funds	144,754	138,583	144,325	140,858	154,523	148,470
27		Native States	4,128	4,088	3,911	3,812	2,843	2,792
28		Total of Second Range ..	317,508	302,758	315,194	306,127	331,934	317,167
29		ALLAHABAD DIVISION.						
30		Municipal	14,107	13,289	15,799	14,539	17,212	15,060
31	Fourth Range.	Local Funds	101,099	92,664	103,821	99,945	107,413	101,209
32		Native States .. ..	..	..	..	..	..	..
33		JHANSI DIVISION.						
34		Municipal	5,817	5,622	6,327	6,142	6,658	6,231
35		Local Funds	57,210	54,958	57,778	56,486	56,786	54,265
36		Native States	2,422	2,273	2,583	2,520	2,657	2,567
37		BENARES DIVISION.						
38		Municipal	11,844	10,865	11,101	10,773	12,030	10,561
39		Local Funds	99,682	96,373	96,280	95,037	110,049	108,754
40		Native States	2,637	2,569	2,005	1,974	1,485	1,454
41	Fifth Range.	GORAKHPUR DIVISION.						
42		Municipal	2,539	2,471	2,565	2,432	2,174	1,837
43		Local Funds	160,773	147,416	163,483	155,217	171,899	163,278
44		Native States	4,736	2,282	4,031	3,439	4,096	3,625
45		Total of Third Range ..	462,216	431,782	465,778	448,504	492,459	468,891
46		Total of all Ranges ..	1,208,564	1,127,423	1,221,797	1,169,674	1,281,315	1,207,978
47		Total of Dispensaries ..	215	179	216	212	304	295
48		GRAND TOTAL ..	1,203,779	(b) 1,127,602	1,222,013	(c) 1,169,886	1,281,619	(d) 1,203,273

(a) The total of these figures should be taken as 152,717 and not 153,563 as the Civil Surgeon, Bijnor, omitted to exclude 846 secondary operations in the district return.

(b) In addition, 336 successful primary operations were performed by military medical officers in cantonments.

(c) In addition, 236 successful primary operations were performed by military medical officers in cantonments.

(d) In addition, 326 successful primary operations were performed by military medical officers in cantonments.

sons primarily vaccinated and the number successfully vaccinated in the United official years

primarily vaccinated

1926-27		1927-28		1928-29		1929-30	
Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated
15,500	14,342	16,167	15,068	19,994	18,416	15,083	13,858
124,418	118,259	131,685	122,958	134,414	127,729	145,681	137,425
..
17,747	16,180	18,480	16,767	20,667	18,848	19,254	17,030
103,500	97,172	109,833	99,409	112,286	104,294	117,300	107,130
1,308	1,299	1,420	1,404	1,627	1,614	..	..
25,470	23,835	21,193	19,813	21,656	19,908	23,035	20,780
137,910	125,556	136,980	127,647	141,239	130,432	144,826	135,396
..
15,835	15,592	15,164	14,802	17,036	16,679	19,351	19,079
441,688	412,235	450,922	417,863	463,919	437,920	434,530	450,698
1,432	1,355	941	901	1,100	989	841	802
24,347	23,121	26,862	24,745	29,467	27,237	30,112	28,531
..
12,249	11,248	13,341	12,203	12,399	11,729	11,478	10,448
110,278	107,145	123,639	117,353	137,885	131,819	146,941	141,693
13,949	13,591	12,931	12,397	11,774	11,411	7,469	7,305
8,067	7,192	8,714	7,978	7,697	7,110	6,056	5,738
164,140	155,637	173,170	165,310	185,874	177,705	189,845	182,644
6,246	5,664	..	..	..	..	..	..
341,208	324,953	359,598	340,887	336,696	368,000	392,742	377,161
17,470	15,199	17,859	15,992	19,912	16,877	18,811	16,812
110,692	105,376	112,935	106,987	115,946	110,567	120,386	113,766
..
7,083	6,640	6,728	6,504	7,183	6,923	7,170	6,798
58,781	56,749	62,705	61,008	62,322	60,506	60,989	58,604
2,658	2,611	2,706	2,592	2,315	2,677	3,199	2,944
12,144	11,280	11,303	10,551	11,854	11,406	11,647	11,217
116,771	114,191	121,766	117,159	126,257	122,012	131,746	129,026
..
2,391	2,216	2,669	2,538	2,607	2,350	2,602	2,407
172,777	164,277	208,004	197,423	207,990	199,189	210,089	201,728
3,818	3,700	3,206	2,816	3,240	3,122	3,407	3,281
504,585	482,339	549,381	523,570	560,126	536,629	570,046	546,083
1,237,481	1,219,527	1,360,401	1,282,325	1,415,741	1,342,549	1,447,318	1,373,942
552	452	193	180	185	167	528	430
1,288,033	(e) 1,219,979	1,360,594	(f) 1,282,505	1,415,926	(g) 1,342,716	1,447,846	(h) 1,374,372

(e) In addition, 426† successful primary operations were performed by military medical officers in cantonments.

(f) In addition, 1,055† successful primary operations were performed by military medical officers in cantonments.

(g) In addition, 820† successful primary operations were performed by military medical officers in cantonments.

(h) In addition, 164† successful primary operations were performed by military medical officers in cantonments.

†These figures refer to the calendar years.

COMPARATIVE VACCINATION STATEMENT NO. III.—Showing the number of persons primarily vaccinated and the number successfully vaccinated in the United Provinces in each of the undermentioned official years—(concluded).

		Persons primarily vaccinated							
		1930-31		1931-32		1932-33			
Number	Range	Establishment	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	Total number	Number successfully vaccinated	
MEERUT DIVISION.									
1	First Range.	Municipal	15,312	18,974	16,274	15,552	18,615	17,597	
2		Local Funds	146,158	139,208	146,928	141,772	152,216	145,670	
3		Native States .. ..	..	..	..	..	..	..
AGRA DIVISION.									
4		Municipal	18,775	16,433	18,981	17,516	19,949	17,917	
5		Local Funds	112,426	105,643	110,183	105,280	112,454	107,201	
6		Native States .. ..	..	..	..	..	..	..
ROHILKHAND DIVISION.									
7		Municipal	24,142	22,339	23,609	22,348	24,294	23,064	
8	Local Funds	143,461	135,335	138,772	132,866	141,312	134,966		
9	Native States .. ..	..	..	..	..	..	..
GARHWAL DISTRICT.									
10	Local Funds	18,509	18,153	17,915	17,307	..	..
Total of First Range ..			478,833	451,185	472,662	452,641	..	..
NAINI TAL AND ALMORA DISTRICTS.									
11	Second Range.	Municipal	847	810	931	916	1,137	1,098	
12		Local Funds	23,462	26,943	30,230	28,261	53,035	50,721	
13		Native States .. ..	..	..	..	..	..	..
LUCKNOW DIVISION.									
14		Municipal	10,540	9,507	12,064	11,011	15,948	14,156	
15		Local Funds	141,877	137,155	132,158	128,565	133,654	133,913	
16		Native States	7,447	7,313	7,447	7,298	7,166	7,046	
Total of First Range ..			..	..	..	..	684,780	6,53,349
FYZABAD DIVISION.									
17	Second Range.	Municipal	5,860	5,652	6,057	5,820	7,364	6,765	
18		Local Funds	193,239	185,705	188,232	183,220	195,420	188,463	
19		Native States .. ..	..	..	..	..	..	..
Total of Second Range ..			388,292	373,085	377,119	365,091	..	..
ALLAHABAD DIVISION.									
20	Second Range.	Municipal	16,404	14,609	17,613	15,659	28,340	19,297	
21		Local Funds	108,121	103,444	108,046	103,242	113,122	107,186	
22		Native States .. ..	..	..	..	..	..	..
JHANSI DIVISION.									
23	Second Range.	Municipal	5,994	5,499	6,595	6,349	5,980	5,427	
24		Local Funds	59,188	57,504	53,332	57,246	60,716	59,490	
25		Native States	3,075	2,989	3,120	3,059	2,937	2,899	
BENARES DIVISION.									
26	Third Range.	Municipal	10,342	10,031	11,580	11,255	12,002	11,553	
27		Local Funds	129,856	126,983	124,620	122,628	129,374	126,566	
28		Native States .. ..	..	..	..	..	..	..
GORAKHPUR DIVISION.									
29	Third Range.	Municipal	2,590	2,511	2,592	2,526	2,945	2,572	
30		Local Funds	195,136	187,926	183,905	182,876	187,236	180,546	
31		Native States	1,213	1,121	987	925	1,908	1,894	
Total of Third Range ..			531,969	512,617	522,390	505,765	..	..
Total of Second Range ..			..	..	..	..	7,42,294	7,12,653
Total of all Ranges ..			1,399,094	1,336,837	1,372,171	1,323,497	14,27,074	13,66,007	
Total of Dispensaries ..			*726	*621	*1,097	*1,044	*1,896	*1,165	
GRAND TOTAL ..			1,399,820	1,337,503	1,373,268	1,324,541	1,428,470	1,367,172	

(i) In addition, 389 successful primary operations were performed by military medical officers in cantonments.

(j) In addition, 266 successful primary operations were performed by military medical officers in cantonments.

(k) In addition 130 successful primary operations were performed by military medical officers in cantonment.

(l) These figures relate to the Kumaun division.

*Includes figures for railway dispensaries.

NOTE.—The figures for 1932-33 shown against Naini Tal and Almora districts relate to the Kumaun division.

VACCINATION STATEMENT NO. IV.—*Showing the particulars of vaccination verified by Inspecting Officers in the United Provinces during the year 1932-33*

Number	Ranges and districts	Total number of persons vaccinated		TOTAL NUMBER INSPECTED—	
		Primary	Re-vacci- nations	By Assistant Directors of Public Health District Medical Officers of Health or Civil Surgeons	
				Primary	Re-vacci- nations
1	Dehra Dun ..	6,229	6,403	..	..
2	Saharanpur ..	38,954	6,201	648	..
3	Muzaffarnagar ..	33,453	2,799	7,214	68
4	Meerut ..	50,476	23,649	6,059	..
5	Bulandshahr ..	41,719	1,712	3,949	129
6	Aligarh ..	34,763	9,956	1,947	20
7	Muttra ..	21,298	4,398	955	5
8	Agra ..	33,476	19,856	128	2,222
9	Mainpuri ..	16,952	1,116	..	..
10	Etah ..	25,914	2,969	227	..
11	Bareilly ..	29,559	4,464	1,307	..
12	Bijnor ..	23,137	915	550	..
13	First Range { Budaun ..	31,290	4,604	..	..
14	Moradabad ..	45,778	2,190	3,376	4
15	Shahjahanpur ..	22,802	1,169	1,151	..
16	Pilibhit ..	13,040	1,207	549	2
17	Garhwal ..	20,875	12,265	226	185
18	Naini Tal ..	8,923	6,814	478	52
19	Almora ..	24,374	19,365	13	7
20	Lucknow ..	26,295	29,622	3,019	225
21	Unao ..	22,922	968	2,764	4
22	Rae Bareilly ..	29,143	1,709	2,572	..
23	Sitapur ..	31,090	881	3,501	..
24	Hardoi ..	27,844	1,034	10,543	123
25	Kheri ..	24,469	731	2,529	1
26	Farrukhabad ..	21,425	1,096	2,386	16
27	Etawah ..	20,612	1,797	1,593	165
28	Cawnpore ..	38,606	48,495	3,779	77
29	Fatehpur ..	19,604	1,381	2,558	72
30	Allahabad ..	36,215	5,924	9,269	19
31	Jhansi ..	22,836	1,886	1,026	..
32	Jalaun ..	14,886	2,151	1,935	106
33	Hamirpur ..	15,847	916	176	..
34	Banda ..	16,514	178	135	..
35	Benares ..	32,722	6,024	10,504	83
36	Mirzapur ..	25,566	3,595	2,540	114
37	Jaunpur ..	33,396	7,263	7,451	550
38	Second Range. { Ghazipur ..	20,733	5,656	5,602	31
39	Ballia ..	28,959	1,092	5,655	..
40	Gorakhpur ..	95,977	3,429	8,913	8
41	Basti ..	54,894	1,006	9,502	43
42	Azamgarh ..	41,218	1,417	12,722	51
43	Fyzabad ..	31,326	2,533	9,783	1,137
44	Gonda ..	39,440	1,897	4,807	6
45	Bahraich ..	37,884	2,958	4,863	17
46	Sultanpur ..	40,484	1,141	13,948	600
47	Partabgarh ..	25,111	1,247	4,966	17
48	Bara Banki ..	28,539	1,191	4,796	..
Total for the Province ..		1,427,074	271,175	182,613	6,174

VACCINATION STATEMENT NO. IV.—*Showing the particulars of vaccination verified*

Number	Ranges and districts	TOTAL NUMBER INSPECTED—		PERCENTAGE OF NUMBER	
		By Assistant Superintendents of Vaccination or other Inspecting Officers		By Assistant Directors of Public Health, District Medical Officers of Health or Civil Surgeons	
		Primary	Re-vaccinations	Primary	Re-vaccinations
1	Dehra Dun ..	4,386	602	..	..
2	Saharanpur ..	15,374	345	1'66	..
3	Muzaffarnagar ..	15,699	720	21'56	2'43
4	Meerut ..	13,523	572	12'00	..
5	Bulandshahr ..	14,471	817	9'46	7'53
6	Aligarh ..	4,146	450	5'60	'20
7	Muttra ..	9,958	472	4'48	'11
8	Agra ..	11,726	7,799	'33	11'19
9	Mainpuri ..	7,203	311	..	..
10	Etah ..	13,688	2,013	'87	..
11	Bareilly ..	20,519	245	4'42	..
12	Bijnor ..	10,318	45	2'38	..
13	First Range } Budaun ..	20,297	498	..	..
14	Moradabad ..	13,061	23	7'37	'18
15	Shahjahanpur ..	6,899	109	5'05	..
16	Pilibhit ..	7,282	479	4'21	'16
17	Garhwal ..	4,916	3,117	1'03	1'51
18	Naini Tal ..	5,942	1,862	5'36	'76
19	Almora ..	10,988	6,793	'05	'04
20	Lucknow ..	6,465	750	11'48	'76
21	Unao ..	7,684	140	12'06	'41
22	Rae Bareli ..	7,598	447	8'82	..
23	Sitapur ..	11,495	534	11'26	..
24	Hardoi ..	12,978	86	37'86	13'35
25	Kheri ..	8,262	118	10'33	'14
26	Farrukhabad ..	8,670	238	11'14	1'46
27	Etawah ..	11,851	205	7'73	9'13
28	Cawnpore ..	15,967	5,113	9'79	'16
29	Fatehpur ..	8,026	98	13'05	5'21
30	Allahabad ..	9,581	8	25'59	'33
31	Jhansi ..	14,229	285	4'49	..
32	Jalaun ..	8,190	290	13'00	4'93
33	Hamirpur ..	7,273	112	1'15	..
34	Banda ..	11,371	72	'82	..
35	Benares ..	10,833	155	32'10	1'33
36	Mirzapur ..	8,131	632	9'93	3'17
37	Jaunpur ..	11,873	1,181	22'31	7'57
38	Ghazipur ..	8,292	1,050	27'02	'55
39	Ballia ..	14,802	31	19'53	..
40	Gorakhpur ..	27,782	181	9'29	'23
41	Basti ..	10,423	172	17'31	4'27
42	Azamgarh ..	12,273	223	30'86	3'59
43	Fyzabad ..	11,118	126	31'23	44'88
44	Gonda ..	11,052	87	12'19	'32
45	Bahraich ..	15,573	302	12'84	'57
46	Sultanpur ..	14,336	149	34'45	52'58
47	Partabgarh ..	10,426	481	19'73	1'26
48	Bara Banki ..	6,915	314	16'80	..
Total for the Province ..		533,865	40,857	12'80	2'23

by Inspecting Officers in the United Provinces during the year 1932-33—(concl'd.)

INSPECTIONS TO TOTAL VACCINATED—		PERCENTAGE OF CASES FOUND SUCCESSFUL OF TOTAL NUMBER INSPECTED—				Percentage of success reported by vaccinators	
By Assistant Superintendents of Vaccination or other Inspecting Officers		By Assistant Directors of Public Health, District Medical Officers of Health or Civil Surgeons		By Assistant Superintendents of Vaccination or other Inspecting Officers			
Primary	Re-vaccinations	Primary	Re-vaccinations	Primary	Re-vaccinations	Primary	Re-vaccinations
70.41	9.40	..	..	96.98	21.77	97.14	52.99
39.47	5.56	97.75	..	98.00	48.98	97.44	50.60
46.98	25.72	98.98	8.95	92.57	12.68	91.82	27.90
26.79	2.42	97.54	..	96.59	22.90	95.02	31.55
34.69	47.72	83.29	5.64	86.38	6.51	94.31	22.25
11.93	4.52	97.74	..	94.56	3.56	97.17	29.21
46.75	10.73	98.46	100.00	94.69	23.88	92.89	26.49
35.03	39.23	99.00	6.42	88.53	6.89	90.68	9.91
42.49	27.87	..	..	97.61	36.08	96.15	31.45
52.82	67.80	99.56	..	95.88	29.68	97.32	37.42
69.42	5.49	100.00	..	95.22	9.71	93.00	26.83
44.59	4.92	100.00	..	95.94	20.51	95.18	27.27
64.87	10.82	..	..	96.10	40.05	96.63	32.59
28.53	1.05	97.38	..	96.18	..	94.75	22.38
30.26	9.32	99.34	..	92.43	3.06	93.68	24.09
55.84	39.68	100.00	..	92.40	8.31	92.02	12.33
23.55	25.41	99.54	92.95	94.58	39.92	97.34	73.13
66.59	27.33	99.66	36.67	93.99	30.69	93.08	24.36
45.08	35.08	100.00	100.00	97.07	46.41	97.68	46.48
24.59	2.53	85.45	35.33	97.84	36.83	91.43	22.29
33.52	14.46	82.57	25.00	87.96	10.34	90.89	29.79
26.07	26.15	91.22	..	84.50	27.54	97.75	49.03
36.97	60.61	99.14	..	96.44	23.05	97.73	24.23
46.61	8.32	93.56	40.95	93.00	40.00	93.63	32.11
33.76	16.14	96.85	..	95.40	35.05	97.14	34.22
40.47	21.71	98.42	87.50	98.09	22.10	97.96	37.26
57.49	11.41	94.19	13.37	96.94	40.62	94.26	45.58
41.86	10.54	97.23	58.33	88.08	35.87	88.65	10.86
40.94	7.10	84.73	20.00	84.18	39.06	90.03	39.60
26.45	1.14	82.64	53.33	91.93	25.00	96.19	40.32
62.31	15.11	97.04	..	96.93	49.60	95.10	31.72
55.02	13.48	97.88	60.00	98.26	13.43	97.74	35.96
47.39	12.23	97.56	..	97.10	40.00	97.38	90.63
68.86	40.45	98.70	..	98.51	66.67	98.48	38.68
33.11	2.57	95.95	46.15	97.60	55.55	96.58	54.03
31.80	17.53	97.83	37.14	96.47	74.44	97.85	81.43
35.55	16.25	95.30	36.00	96.52	22.33	98.69	67.10
39.99	18.56	97.09	26.31	96.47	51.04	96.55	51.45
51.11	2.84	98.60	..	99.06	93.83	98.47	75.77
28.95	5.28	88.11	..	95.70	24.30	95.72	45.76
18.99	17.10	93.38	57.14	97.37	61.73	99.02	73.63
29.77	16.09	97.26	28.57	95.94	22.95	98.94	70.56
35.49	49.74	96.86	49.60	94.06	57.69	95.03	52.22
28.02	4.59	95.73	100.00	84.40	24.32	96.57	42.80
41.11	10.21	97.37	23.08	99.05	91.73	99.25	96.49
35.41	13.06	95.00	44.55	90.42	50.44	97.03	54.43
41.52	38.57	92.23	33.33	87.36	35.35	93.53	46.77
24.23	26.36	96.41	..	86.61	32.00	93.99	26.68
37.41	15.07	94.22	21.36	94.53	26.50	95.62	33.34

VACCINATION APPENDIX A.—Showing the number and ratio of successful
United Provinces for a

Number	Division	District	1923-24				1924-25			
			Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1924	Ratio of deaths from small-pox per 1,000 of population in 1924	Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1925	Ratio of deaths from small-pox per 1,000 of population in 1925
1	MEERUT.	Dehra Dun ..	4,005	26.43	17	.08	4,066	24.24	44	.21
2		Saharanpur ..	30,497	33.98	60	.06	31,494	35.01	100	.11
3		Muzaffarnagar ..	26,597	33.56	54	.07	27,125	34.18	273	.34
4		Meerut ..	40,509	27.16	14	.01	44,300	29.94	413	.27
5		Bulandshahr ..	33,781	31.95	11	.01	34,499	32.70	370	.35
6		Aligarh ..	30,131	28.90	227	.21	31,160	30.32	991	.93
7	AGRA.	Muttra ..	15,837	25.65	64	.10	15,818	25.96	292	.47
8		Agra ..	24,581	26.75	246	.27	27,250	29.79	428	.46
9		Mainpuri ..	15,017	20.19	21	.03	15,348	20.82	362	.48
10		Etah ..	22,569	27.89	19	.02	24,934	31.02	276	.33
11		Bareilly ..	24,510	24.44	198	.19	24,564	24.80	121	.12
12		Bijnor ..	20,834	28.24	40	.05	21,064	28.56	678	.91
13	ROHIL-KHAND.	Budaun ..	23,060	23.85	36	.04	24,067	24.74	232	.29
14		Moradabad ..	34,940	29.25	93	.08	37,655	31.51	815	.68
15		Shahjahanpur ..	20,984	25.12	31	.04	22,400	27.00	163	.19
16		Pilibhit ..	14,308	33.63	19	.04	14,830	34.81	98	.23
17		Farrukhabad ..	15,017	18.95	29	.03	18,870	22.56	84	.10
18		Etawah ..	17,228	24.33	13	.02	17,415	24.58	63	.08
19	ALLAH-ABAD.	Cawnpore ..	30,724	28.43	158	.14	31,267	29.78	147	.13
20		Fatehpur ..	15,226	23.87	1	..	16,437	25.97	2	..
21		Allahabad ..	27,758	20.44	221	.16	30,497	22.29	92	.06
22		Jhansi ..	19,770	33.04	24	.04	21,156	35.17	106	.17
23		Jalaun ..	13,136	34.09	4	.01	13,578	34.42	5	.01
24		Hamirpur ..	14,686	35.11	..	..	14,820	35.46	23	.05
25	BENARES, JHANSI.	Banda ..	15,261	26.31	10	.02	15,594	26.62	33	.05
26		Benares ..	21,075	23.87	63	.07	22,002	24.87	67	.07
27		Mirzapur ..	22,271	30.87	25	.03	22,677	31.43	39	.05
28		Jaunpur ..	31,589	27.69	79	.07	28,978	25.48	87	.07
29		Ghazipur ..	14,361	17.35	5	.01	14,161	17.07	46	.05
30		Ballia ..	20,511	25.37	6	.01	19,966	25.19	49	.06
31	GO-RAKH-PUR.	Gorakhpur ..	74,590	22.97	296	.09	79,515	24.53	661	.20
32		Basti ..	51,221	27.11	62	.03	50,271	26.75	89	.05
33		Azamgarh ..	27,858	18.17	91	.06	31,302	20.65	132	.09
34		Naini Tal ..	6,706	26.00	4	.01	7,672	35.21	207	.75
35		Almora ..	17,409	41.53	18	.03	19,188	52.35	152	.28
36		Garhwal ..	10,728	37.91	16	.03	14,439	44.43	38	.07
37	LUCKNOW, MAUN.	Lucknow ..	15,510	23.08	235	.32	15,372	24.51	513	.71
38		Unao ..	17,611	21.96	8	.01	18,734	22.99	116	.14
39		Rae Bareilly ..	13,799	14.74	29	.03	14,733	15.83	294	.31
40		Sitapur ..	30,686	23.19	46	.04	28,422	26.10	58	.05
41		Hardoi ..	26,107	24.08	53	.05	26,603	24.55	174	.16
42		Kheri ..	23,921	26.42	..	..	22,718	25.10	35	.04
43	FYZABAD.	Fyzabad ..	22,708	19.56	17	.01	24,015	20.83	105	.09
44		Gonda ..	23,025	19.45	9	.01	29,660	20.45	97	.06
45		Bahraich ..	32,839	31.31	21	.02	32,237	31.00	47	.04
46		Sultanpur ..	33,086	32.97	3	..	29,835	29.72	57	.05
47		Partabgarh ..	16,835	19.89	5	..	16,571	19.53	44	.05
48		Bara Banki ..	17,461	16.97	23	.02	20,267	19.70	9	.01
		Total ..	1,127,423	25.57	2,724	.06	1,169,656	26.68	9,373	.21
		Total of Dispensary staff.	179	..	..	..	212	..	..	..
		GRAND TOTAL ..	*1,127,602	25.57	2,724	.06	†1,169,868	26.68	9,373	.21

* In addition 336 successful primary operations were performed by military medical officers in cantonments.

† In addition 236 successful primary operations were performed by military medical officers in cantonments.

vaccinations and number and ratio of deaths from smallpox in each district of the series of 10 years

1925-26				1926-27				1927-28			
Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1926	Ratio of deaths from small-pox per 1,000 of population in 1926	Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1927	Ratio of deaths from small-pox per 1,000 of population in 1927	Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1928	Ratio of deaths from small-pox per 1,000 of population in 1928
4,091	33.20	28	.13	4,261	28.16	33	.15	4,878	34.28	59	.27
31,595	26.02	174	.18	32,224	37.30	143	.15	33,630	38.70	13	.01
26,285	34.31	124	.16	23,500	30.27	29	.04	25,893	32.72	65	.08
43,008	32.23	389	.23	39,697	27.46	16	.01	39,854	27.57	101	.07
34,427	32.73	780	.73	32,919	31.68	62	.06	34,271	32.56	64	.06
31,592	32.10	281	.26	32,888	32.47	26	.02	32,485	31.84	52	.05
14,171	25.04	114	.18	14,269	23.82	65	.10	16,711	27.58	12	.02
28,016	31.97	36	.04	28,432	31.20	23	.03	28,911	31.79	100	.11
15,197	21.20	112	.15	14,889	20.71	11	.01	15,099	21.01	33	.04
24,913	31.51	103	.12	24,123	31.86	60	.07	24,374	31.20	25	.03
25,594	26.55	165	.16	27,186	27.24	131	.13	26,654	26.63	4	..
21,871	30.17	432	.58	22,497	30.78	138	.19	20,653	27.98	78	.10
27,835	29.56	739	.81	24,800	26.13	71	.07	26,898	28.14	10	.01
38,412	32.41	615	.51	37,900	32.24	63	.05	37,904	31.85	3	..
23,406	29.54	113	.13	22,686	28.51	119	.14	21,640	26.00	5	..
14,635	36.17	16	.04	14,322	33.95	7	.02	13,711	32.50	1	..
20,941	25.71	506	.59	20,168	24.19	15	.02	21,754	25.95	5	..
17,526	25.43	221	.30	18,459	26.12	6	.01	18,422	26.10	17	.02
30,893	30.27	127	.11	32,275	31.07	83	.03	33,873	30.30	30	.03
16,334	26.97	67	.10	17,682	27.58	25	.04	17,076	26.60	2	..
30,070	21.71	327	.23	31,991	23.21	573	.41	31,854	23.07	203	.14
20,667	34.69	259	.43	20,912	36.09	24	.04	21,712	36.43	20	.03
13,321	35.32	49	.12	13,636	35.60	3	.01	14,022	35.82	3	.01
13,925	36.00	102	.22	15,435	36.49	2	..	17,111	44.59	..	..
15,150	25.47	85	.14	16,017	27.94	73	.12	17,259	29.76	8	.01
24,755	(a)28.69	677	.71	26,284	30.55	417	.44	30,023	32.60	61	.06
23,993	34.38	116	.16	25,862	39.75	486	.67	25,759	39.98	155	.21
29,525	25.91	257	.22	30,177	27.46	261	.22	29,647	27.46	216	.19
20,674	(b)25.47	290	.37	18,785	25.22	535	.68	18,295	26.10	206	.26
21,822	23.69	421	.51	24,362	30.12	221	.26	23,981	29.61	102	.12
82,155	25.66	615	.19	83,052	25.77	1,204	.87	113,487	35.06	207	.06
51,224	26.97	115	.06	51,266	27.06	342	.18	50,840	26.62	24	.01
35,411	23.80	396	.26	35,975	24.46	1,027	.67	38,450	25.61	600	.39
7,512	48.83	52	.19	7,477	40.41	14	.05	7,132	27.69	4	.01
19,019	74.27	135	.25	16,999	51.62	47	.09	18,464	47.22	43	.08
16,872	54.37	29	.06	15,592	53.61	39	.08	14,802	56.13	43	.09
17,961	27.91	341	.47	20,808	31.10	205	.28	20,209	29.35	184	.25
19,501	24.00	126	.15	20,155	24.80	84	.10	21,584	26.54	8	.01
15,781	17.04	334	.36	17,558	13.80	28	.03	20,309	21.70	18	.02
29,361	27.37	71	.06	28,554	26.55	83	.08	29,581	27.31	20	.02
26,499	25.18	327	.30	24,977	23.12	47	.04	27,109	25.06	17	.01
23,014	26.20	221	.24	19,932	22.65	50	.05	23,161	25.83	7	.01
24,632	21.97	501	.43	29,621	25.98	503	.43	23,956	25.78	67	.06
33,466	23.24	320	.22	33,836	23.70	80	.05	34,062	23.42	7	..
33,340	32.47	145	.14	33,502	32.83	207	.19	35,869	34.23	8	.01
28,461	23.74	160	.16	29,945	30.06	122	.12	31,179	31.24	10	.01
17,685	21.29	323	.38	20,076	24.31	106	.12	21,672	25.98	84	.10
20,935	20.47	84	.08	21,513	20.98	25	.02	21,540	20.98	9	.01
1,207,978	28.59	12,020	.26	1,219,527	28.42	7,894	.17	1,282,325	29.45	3,012	.07
295	..	..	..	452	..	..	..	180	..	..	..
*1,208,273	23.60	12,020	.26	†1,219,979	23.44	7,894	.17	‡1,282,505	29.46	3,012	.07

* In addition 326 successful primary operations were performed by military medical officers in cantonments.

† In addition 426 successful primary operations were performed by military medical officers in cantonments.

‡ In addition 1,055 successful primary operations were performed by military medical officers in cantonments.

(a) Rates calculated on average population 913,992

(b) Ditto ditto 819,609

VACCINATION APPENDIX A.—Showing the number and ratio of successful
United Provinces for a

Number	Division	District	1928-29				1929-30			
			Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1929	Ratio of deaths from small-pox per 1,000 of population in 1929	Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1930	Ratio of deaths from small-pox per 1,000 of population in 1930
1	MEERUT.	Dehra Dun ..	5,018	31·71	13	·06	5,570	56·41	24	·11
2		Saharanpur ..	33,835	38·06	111	·12	34,828	39·91	151	·16
3		Muzaffarnagar ..	26,724	33·96	186	·23	28,428	36·23	189	·24
4		Meerut ..	45,329	32·47	891	·59	44,550	31·94	379	·25
5	AGRA.	Bulandshahr ..	35,239	33·85	1,285	1·20	37,907	36·62	453	·43
6		Aligarh ..	34,311	35·01	654	·61	32,880	32·64	82	·08
7		Muttra ..	19,449	32·93	728	1·17	18,858	35·02	218	·35
8		Agra ..	30,464	34·45	1,024	1·11	30,187	33·70	89	·10
9	ROHIL-KHAND.	Mainpuri ..	15,753	21·72	189	·25	16,682	22·89	133	·18
10		Etah ..	24,779	31·32	1,122	1·35	25,553	32·79	142	·17
11		Bareilly ..	27,369	27·35	185	·18	27,529	28·68	544	·54
12		Bijnor ..	21,392	29·08	1,061	1·43	22,054	30·26	703	·95
13	ALLAH-ABAD.	Budaun ..	28,908	30·24	190	·19	31,077	32·43	1,066	1·09
14		Moradabad ..	38,893	32·79	694	·58	42,728	36·05	841	·70
15		Shahjahanpur ..	19,853	25·80	219	·26	19,883	24·11	133	·16
16		Pilibhit ..	13,925	32·53	89	·20	13,905	33·33	255	·59
17	JHANSI.	Farrukhabad ..	22,226	26·47	54	·06	24,863	30·28	275	·32
18		Etawah ..	19,282	27·32	131	·18	19,758	29·16	237	·32
19		Cawnpore ..	34,371	33·21	195	·17	33,416	31·42	104	·09
20		Fatehpur ..	17,541	27·26	38	·06	16,408	25·40	113	·17
21	JHANSI.	Allahabad ..	34,024	24·68	202	·14	35,633	25·87	266	·19
22		Jhansi ..	21,899	36·44	40	·06	21,564	37·13	218	·36
23		Jalaun ..	14,224	37·04	61	·15	14,278	37·14	369	·91
24		Hamirpur ..	17,302	39·32	1	..	16,427	38·66	45	·10
25	BENARES.	Banda ..	16,681	28·89	22	·04	16,077	27·67	124	·21
26		Benares ..	31,534	34·11	152	·16	31,577	34·85	631	·66
27		Mirzapur ..	27,822	41·38	33	·04	29,308	42·59	45	·06
28		Jaunpur ..	31,937	28·38	159	·14	31,996	28·77	260	·22
29	GO-BAKH.	Ghazipur ..	18,098	26·29	194	·25	20,827	28·54	915	1·17
30		Ballia ..	2,027	30·99	153	·18	26,535	32·77	133	·16
31		Gorakhpur ..	115,298	35·55	107	·03	114,151	35·25	261	·03
32		Basti ..	50,848	26·62	47	·02	52,570	27·52	123	·07
33	KU-BAKH.	Azamgarh ..	38,515	25·60	229	·15	40,695	27·17	451	·29
34		Naini Tal ..	7,374	33·71	21	·07	7,957	37·59	63	·24
35		Almora ..	20,852	49·83	32	·06	21,376	52·45	80	·15
36		Garhwal ..	16,679	57·85	26	·05	19,079	60·26	20	·04
37	LUCKNOW.	Lucknow ..	21,217	30·36	463	·64	21,812	21·25	41	·06
38		Unao ..	22,796	27·93	116	·14	23,460	28·83	37	·04
39		Rae Bareilly ..	29,105	31·14	48	·05	31,691	33·88	25	·03
40		Sitapur ..	30,249	27·99	37	·03	30,967	28·69	70	·06
41	FYZABAD.	Hardoi ..	28,740	26·52	212	·19	28,646	26·44	127	·12
42		Kheri ..	22,852	25·37	23	·02	22,370	25·45	17	·02
43		Fyzabad ..	28,754	25·53	180	·15	29,503	26·01	337	·29
44		Gonda ..	37,794	25·89	16	·01	37,441	25·96	39	·03
45	FYZABAD.	Bahraich ..	36,628	35·41	3	..	37,227	36·39	23	·02
46		Sultanpur ..	32,690	32·68	21	·02	35,405	35·39	82	·03
47		Partabgarh ..	22,338	26·70	46	·03	22,937	27·63	87	·10
48		Bara Banki ..	26,611	25·93	22	·02	25,869	25·16	36	·03
		Total ..	1,342,549	30·89	11,725	·26	1,373,942	31·79	11,071	·24
		Total of Dispensary staff.	167	..	..	..	430	..	..	..
		GRAND TOTAL ..	*1,342,716	30·90	11,725	·26	†1,374,372	31·81	11,071	·24

* In addition 320 successful primary operations were performed by military medical officers in cantonments.

† In addition 164 successful primary operations were performed by military medical officers in cantonments.

vaccinations and number and ratio of deaths from smallpox in each district of the series of 10 years—(concluded)

1930-31				1931-32				1932-33	
Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1931	Ratio of deaths from small-pox per 1,000 of population in 1931	Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population	Deaths from small-pox in 1932	Ratio of deaths from small-pox per 1,000 of population in 1932	Successful primary vaccinations	Persons successfully vaccinated per 1,000 of population
5,558	38.47	6	.03	5,549	33.95	38	.16	5,908	39.43
36,489	40.78	48	.04	36,902	37.66	14	.01	37,898	39.14
28,899	36.76	26	.03	29,543	33.25	102	.11	31,339	35.32
46,062	32.15	16	.01	46,274	29.63	49	.03	48,192	34.50
36,174	34.20	..	..	39,056	34.55	7	.01	39,935	35.45
32,666	32.60	1	..	38,819	29.78	3	..	33,787	31.11
18,157	30.77	8	.01	18,712	28.74	1	..	20,020	31.55
30,152	32.99	5	..	30,203	29.02	2	..	29,761	30.11
15,503	20.95	..	..	15,059	20.27	..	..	16,173	21.96
25,648	32.22	6	.01	25,003	30.09	3	..	25,377	30.78
27,188	28.25	25	.02	27,995	26.47	..	..	27,505	26.70
22,607	31.06	191	.23	22,041	26.52	16	.02	22,020	26.63
30,568	32.47	27	.03	29,280	29.82	3	..	30,546	31.66
43,321	36.40	170	.13	43,915	34.33	69	.05	44,214	34.79
20,901	25.35	24	.03	20,383	22.61	2	..	21,636	24.19
13,139	31.19	34	.07	11,600	26.13	..	..	12,109	27.22
20,945	24.81	9	.01	21,646	24.34	36	.04	21,041	24.44
19,872	28.52	4	..	18,937	26.31	1	..	19,650	27.40
29,565	26.97	1	..	30,378	25.76	11	.01	33,751	31.87
13,990	21.77	2	..	15,253	22.56	5	.01	17,907	26.72
33,631	24.72	41	.03	32,687	22.15	8	..	34,134	24.27
20,601	35.79	72	.11	21,412	31.33	3	..	22,057	32.77
14,565	37.18	3	.01	14,799	35.61	..	..	14,555	35.87
15,137	34.63	20	.04	14,658	31.23	1	..	15,014	31.43
15,689	27.15	32	.05	15,785	25.38	..	..	16,190	26.10
30,883	35.00	219	.21	29,938	31.03	149	.15	31,747	34.16
27,890	41.15	47	.06	25,169	34.23	65	.08	25,190	35.58
30,505	27.29	183	.15	32,059	26.93	125	.10	32,903	30.38
20,468	28.56	741	.90	18,732	25.86	564	.68	19,784	27.19
27,268	33.80	168	.18	27,985	31.19	179	.20	28,495	32.09
98,816	30.46	199	.05	92,101	25.96	384	.11	90,362	25.70
51,528	27.01	51	.02	52,335	25.38	134	.06	53,973	26.29
41,214	27.31	437	.28	41,891	27.17	361	.23	40,677	26.47
7,197	34.61	78	.28	8,549	37.63	1	..	8,480	35.40
20,556	52.93	16	.03	20,628	43.04	14	.02	23,295	51.95
18,153	58.98	11	.02	17,307	49.53	2	..	20,044	51.66
20,149	28.59	17	.02	20,707	26.70	91	.11	23,925	38.63
21,401	26.29	10	.01	21,397	25.18	10	.01	21,941	25.96
32,744	35.18	19	.02	24,378	25.63	26	.03	28,402	29.94
30,746	23.32	35	.03	30,154	25.95	17	.01	30,262	26.09
25,825	23.83	47	.04	27,070	24.03	1	..	26,797	24.04
23,110	25.54	61	.06	22,668	24.21	72	.08	23,788	25.44
28,663	25.35	146	.12	29,032	24.87	83	.07	30,110	26.07
39,520	27.56	9	..	37,753	24.42	20	.01	38,047	24.62
38,109	36.68	44	.04	37,240	34.23	48	.04	37,591	35.55
35,891	35.94	5	..	37,864	36.17	7	.01	39,022	37.68
22,995	27.69	31	.03	20,575	23.10	..	..	23,399	26.40
26,179	25.47	10	.01	26,576	25.03	52	.05	27,059	25.73
1,336,337	30.74	3,355	.07	1,323,497	28.26	2,779	.06	1,366,007	29.93
621	..	..	..	1,044	..	..	..	(a)1,165	..
*1,337,508	30.77	3,355	.07	†1,324,541	28.30	2,779	.06	†1,367,172	30.00

* In addition 389 successful primary operations were performed by military medical officers in cantonments.

† Ditto 366 ditto ditto ditto ditto.

‡ Ditto 180 ditto ditto ditto ditto.

(a) Includes figures for railway dispensaries.

VACCINATION APPENDIX B.—*Showing the number of vaccinations performed in the municipal towns of the United Provinces on children under one year of age during the year 1932-33*

Serial number	District	Municipality	Number of births during 1932	Number of deaths amongst children under one year during 1932	Number of successful vaccinations on children under one year during the year ending March 31, 1933	Date of extension of Vaccination Act to the municipality
1	2	3	4	5	6	7
1	Dehra Dun	Dehra Dun	1,794	437	1,028	May 14, 1891.
2		Mussoorie	168	22	198	Ditto.
3		Saharanpur	3,917	1,196	1,881	April 28, 1892.
4	Saharanpur	Hardwar Union	1,360	388	1,063	April 5, 1892.
5		Deoband	1,244	258	696	June 7, 1894.
6		Roorkee	599	174	310	August 7, 1891.
7	Muzaffarnagar	Muzaffarnagar	1,715	358	895	December 21, 1892.
8		Kairana	981	194	670	June 7, 1894.
9		Meerut	3,214	493	2,363	March 12, 1891.
10		Ghaziabad	851	155	611	June 7, 1893.
11	Meerut	Hapur	1,252	279	713	October 16, 1894.
12		Baraut	488	81	314	March 5, 1924.
13		Bulandshahr	1,053	256	623	July 16, 1891.
14	Bulandshahr	Khurja	1,485	345	671	June 28, 1894.
15		Sikandrabad	1,014	268	743	April 16, 1894.
16		Koil	3,313	675	2,272	November 24, 1891.
17	Aligarh	Hathras	2,242	608	1,441	May 4, 1894.
18		Atrauli	846	257	461	December 21, 1892.
19		Sikandra Rao	521	144	360	Ditto.
20	Muttra	Muttra	3,206	734	1,857	October 5, 1891.
21		Brindaban	659	163	402	August 6, 1891.
22	Agra	Agra	12,399	2,540	4,345	June 5, 1891.
23		Firozabad	908	197	576	Ditto.
24	Mainpuri	Mainpuri	168	35	208	June 15, 1891.
25		Etah	507	164	281	May 6, 1891.
26	Etah	Soron	625	189	349	Ditto.
27		Kasganj	916	186	501	Ditto.
28		Jalesar	565	161	386	Ditto.
29	Bareilly	Bareilly	6,761	1,188	3,763	August 17, 1891.
30		Bijnor	1,128	247	493	July 3, 1891.
31		Chandpur	713	179	447	July 6, 1891.
32	Bijnor	Dhampur	498	122	292	April 16, 1894.
33		Nagina	1,100	254	496	July 6, 1891.
34		Najibabad	1,183	239	710	Ditto.
35		Budaun	2,262	622	1,009	July 29, 1892.
36	Budaun	Ujhani	535	188	326	July 1, 1891.
37		Sahaswan	1,022	301	500	July 3, 1891.
38		Moradabad	5,624	1,278	3,126	December 19, 1892.
39	Moradabad	Chandausi	1,421	356	623	March 9, 1893.
40		Amroha	2,656	544	1,302	Ditto.
41		Sambhal	2,507	582	1,263	April 1, 1893.
42	Shahjahanpur	Shahjahanpur	3,148	583	2,281	September 14, 1891.
43		Tilhar	1,038	314	594	January 2, 1892.
44	Pilibhit	Pilibhit	2,073	533	530	July 9, 1891.
45		Bisalpur	530	154	232	April 25, 1892.
46	Farrukhabad	Farrukhabad-cum-Fatehgarh.	2,959	1,061	1,005	June 5, 1891.
47		Kanauj	714	147	359	September 16, 1921.
48	Etawah	Etawah	2,625	934	1,347	November 15, 1889.
49	Cawnpore	Cawnpore	11,967	2,681	5,967	August 1, 1888, December 11, 1888 and August 7, 1891.
50	Fatehpur	Fatehpur	863	196	440	June 4, 1891.
51	Allahabad	Allahabad	7,618	1,688	3,585	May 2, 1891.

VACCINATION APPENDIX B.—*Showing the number of vaccinations performed in the municipal towns of the United Provinces on children under one year of age during the year 1932-33—(concluded)*

Serial number	District	Municipality	Number of births during 1932	Number of deaths amongst children under one year during 1932	Number of successful vaccinations on children under one year during the year ending March 31, 1932	Date of extension of Vaccination Act to the municipality
1	2	3	4	5	6	7
52	Jhansi	Jhansi ..	3,665	1,122	1,312	July 1, 1891.
53		Mau ..	676	247	392	May 5, 1892.
54		Lalitpur ..	689	146	426	May 24, 1894.
55		Orai ..	582	125	392	July 22, 1891.
56	Jalaun	Kalpi ..	591	156	424	December 5, 1892.
57		Konch ..	799	145	568	May 14, 1891.
58	Banda	Banda ..	316	69	541	March 24, 1893.
59	Benares	Benares ..	11,101	2,657	3,263	April 10, 1891.
60	Mirzapur	Mirzapur-Bindhachal ..	2,435	454	1,461	October 9, 1891.
61	Jaunpur	Jaunpur ..	1,231	246	937	February 26, 1892.
62	Ghazipur	Ghazipur ..	1,074	131	427	May 4, 1893.
63	Ballia	Ballia ..	429	64	315	May 6, 1891.
64	Gorakhpur	Gorakhpur ..	2,559	549	1,023	January 18, 1893.
65	Azamgarh	Azamgarh ..	510	97	178	February 8, 1893.
66	Naini Tal	Naini Tal ..	396	66	127	June 1, 1891.
67		Kashipur ..	513	150	312	May 5, 1894.
68	Almora	Almora ..	301	54	233	March 9, 1893.
69	Lucknow	Lucknow ..	12,459	3,308	6,071	February 4, 1893.
70	Unao	Unao ..	446	105	242	March 13, 1890.
71	Rae Bareli	Rae Bareli ..	803	188	449	June 1, 1891.
72	Sitapur	Sitapur ..	1,147	362	542	July 27, 1891.
73		Khairabad ..	615	155	361	April 12, 1892.
74		Hardoi ..	438	82	161	March 26, 1891.
75	Hardoi	Shahabad ..	610	141	310	March 17, 1892.
76		Sandila ..	854	198	567	January 2, 1892.
77	Kheri	Lakhimpur ..	628	135	360	June 1, 1891.
78	Fyzabad	Fyzabad-Ajodhya ..	1,372	362	1,104	June 11, 1891.
79		Tanda ..	930	184	644	July 18, 1891.
80	Gonda	Gonda ..	549	102	238	June 25, 1891.
81		Balrampur ..	856	198	488	Ditto.
82	Bahraich	Bahraich ..	1,147	266	627	December 5, 1892.
83	Sultanpur	Sultanpur ..	352	90	289	November 11, 1884.
84	Partabgarh	Bela ..	281	62	242	June 1, 1891.
85	Bara Banki	Nawabganj ..	536	111	309	December 2, 1889.
		Total ..	160,715	37,835	82,263	

