

**[Report of the Medical Officer of Health for Mitcham].**

**Contributors**

Mitcham (London, England). Urban District Council.

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# HEALTH REPORT

FOR

## 1923

OF THE

### Mitcham Urban District

BY THE

### Medical Officer of Health.



# HEALTH REPORT

1923

Wichita Urban District

Medical Officer of Health

# Urban District Council of Mitcham.

## HEALTH REPORT FOR 1923.

Mrs. Hallowes and Gentlemen,—

I beg to present my twenty-sixth Annual Report of the health conditions prevailing during the year 1923 in Mitcham.

I am grateful for the help I have received at all times from members of the Council.

The Clerk of the Council and all the members of the Public Health staff have been most helpful with their ready co-operation in all my work, and I feel that the continued advancement in improving the health of Mitcham is due to them.

The work of the Maternity and Child Welfare Department has been such that the health and condition of all children have reached a high standard, while the mortality rate shows a steady decline except in the case of illegitimate children.

I am, Mrs. Hallowes and Gentlemen,

Your obedient Servant,

C. M. FEGEN.

*Medical Officer of Health.*

24, LONDON ROAD,  
WEST CROYDON.



# Urban District Council of Mitcham.

## PUBLIC HEALTH COMMITTEE.

CHAIRMAN - - MR. R. F. LANGLEY.

Mr. A. H. Bailey.	Mrs. Hallowes.	Mr. E. J. Mizen.
Lt.-Col. H. F. Bidder.	Mr. G. T. Heard.	Mr. J. Owen, J.P.
Mr. B. E. Buckland.	Mr. C. Higgs.	Mr. W. H. Parslow.
Mr. H. J. Davis.	Mr. H. Hann.	Mr. H. Richards.
Mr. J. D. Drewett, J.P.	Mr. G. Farewell Jones.	Mr. E. E. Snowsill.
Mr. J. Fitch.	Mr. W. F. Laing.	Mr. W. G. Spokes.
Mr. S. L. Gaston.	Dr. H. Love.	Mr. J. P. Turner.
Mr. A. T. Gidden.	Mr. W. J. Mellhuish.	

## MATERNITY AND CHILD WELFARE COMMITTEE.

Mrs. A. H. Bailey.	Lady Worsfold.	Mr. A. T. Gidden.
Mrs. H. F. Bidder.	Mr. A. H. Bailey.	Mr. G. T. Heard.
Miss E. C. Chart.	Mr. J. D. Drewett, J.P.	Mr. G. Farewell Jones.
Mrs. Hallowes.	Mr. H. J. Davis.	Dr. H. Love.
Mrs. J. Owen.	Mr. J. Fitch.	Mr. W. G. Spokes.
Mrs. R. Richman.	Mr. S. L. Gaston.	Mr. H. Richards.

## REPRESENTATIVES ON THE JOINT HOSPITAL BOARD.

Mr. J. D. Drewett, J.P.	Mr. J. Owen, J.P.
Dr. H. Love.	Mr. W. H. Parslow.

## REPRESENTATIVE ON SMALL POX HOSPITAL BOARD.

Mr. E. J. Mizen.

## STAFF.

### Medical Officer of Health.

C. M. FEGEN, D.P.H., etc.

### Assistant Medical Officer of Health.

P. N. CAVE, D.P.H., etc.

### Senior Sanitary Inspector.

C. G. RABBETTS, C.R.S.I.

### Assistant Sanitary Inspectors.

R. R. RICHARDS, C.R.S.I.

A. E. HANDLEY.

### Supt. Health Visitor.

Miss E. S. ROGERS, S.I.E.B., C.M.B.

### Assistant Health Visitor.

Miss KNIGHT, C.M.B., S.I.E.B.

### Nurse Midwife.

Miss A. L. HURN, C.M.B.

### Clerks.

S. E. CRISP, C.R.S.I. Miss M. C. BULLOCK.

## STATISTICS.

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Area (acres), 2914.

Population—1921, 34,711; 1923, 36,460.

Number of inhabited houses—1922, 7,300; 1923, 7449.

Rateable value, £150,714.

Sum represented by a penny rate, £570.

## 2. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		Total.	M.	F.	Birth rate.
Births	{ Legitimate	762	394	368	21.5
	{ Illegitimate	24	9	15	

Deaths, 343.

Death Rate, 9.4.

Number of women dying in, or in	(	from sepsis	...	nil
consequence of childbirth.	(	„ other causes		nil

Death of infants under one year of age:—

Per 1000 legitimate births ...	...	...	52
Per 1000 illegitimate births	...	...	290
Total...	...	...	59

Deaths from:—

Measles (all ages) 1.

Whooping Cough (all ages) 5.

Diarrhoea (under two years of age) 8

The birth rate for England and Wales in 1955 was 19.7



# REPORT.

## I.—AREA AND POPULATION.

The Urban District of Mitcham is divided into four wards, viz., East, North, South and West, and has a total area of 2,914 acres.

At the time of the Census in 1921, the population was 34,711, while for 1923 it is estimated at 36,460.

The number of occupied houses in the district was:—

In 1915	...	...	...	6,910
„ 1916	...	...	...	6,975
„ 1917	...	...	...	6,998
„ 1918	...	...	...	7,001
„ 1919	...	...	...	7,164
„ 1920	...	...	...	7,177
„ 1921	...	...	...	7,150
„ 1922	...	...	...	7,300
„ 1923	...	...	...	7,449

The number of occupied houses in each Ward was:—

East ...	...	...	...	1,364
North ...	...	...	...	2,082
South...	...	...	...	1,445
West ...	...	...	...	2,558

The average number of persons per house is 5.0.

## II.—VITAL STATISTICS.

### BIRTHS.

The number of births registered during the year as belonging to this district was 786, of which 403 were males and 383 were females, as against 755 last year.

The birth rate for the year was 21.5 per thousand of population, as against 20.9 last year.

The birth rate for England and Wales in 1923 was 19.7 per thousand of population.

## ILLEGITIMATE BIRTHS.

During the year 24 illegitimate births were registered, giving a percentage of total births of 3.0.

The following figures show the number of illegitimate births occurring during the past nine years.

			Number of Illegitimate Births.		Percentage.
1915	...	...	26	...	2.9
1916	...	...	23	...	2.7
1917	...	...	35	...	5.7
1918	...	...	33	...	5.3
1919	...	...	29	...	5.3
1920	...	...	35	...	3.5
1921	...	...	24	...	2.9
1922	...	...	26	...	3.4
1923	...	...	24	...	3.0

## REGISTERED BIRTHS AND BIRTH RATES.

WARD.			Estimated Population.	Births.			Birth Rates.
				Males.	Females	Total.	
East	...	...	6,700	73	60	133	19.8
North	...	...	9,900	81	60	141	14.2
South	...	...	7,310	107	103	210	28.7
West	...	...	12,550	118	138	256	20.4
Births occurring outside district.				24	22	46	
Totals	...	...	36,460	403	383	786	21.5



## DEATHS.

The number of deaths registered as occurring during the year was 343, as against 398 last year.

This number excludes those deaths which occurred inside but belonged to other districts, but includes deaths which occurred outside, but were normally residents of the district. These latter deaths occurred chiefly at the Infirmary and General Hospital at Croydon, the County Asylums at Brookwood and Netherne, and the Isolation Hospital at Beddington Corner.

The death rate for the year was 9.4 per thousand of population, as against 11.0 last year.

The death rate in England and Wales for 1923 was 11.6.

## INFANTILE MORTALITY.

The number of deaths registered as occurring in infants under one year of age was 47, as against 46 last year, the infantile mortality rate being 59 as against 61 last year.

The infantile mortality rate for England and Wales was 69 per thousand births.

## CAUSES OF DEATHS.

Reference to Table II. will show the total deaths, together with the cause.

The deaths included :

32	from Pulmonary Tuberculosis (26).
2	„ Enteric Fever.
1	„ Measles (6).
1	„ Scarlet Fever (2).
5	„ Whooping Cough (2).
45	„ Heart Disease (61).
33	„ Cancer (34).

The figures in brackets refer to the number which occurred last year.

# Birth-rate, Death-rate, and Analysis of Mortality during the year 1923.

	BIRTH-RATE PER 1000 TOTAL POPULA- TION.	ANNUAL DEATH-RATE PER 1000 POPULATION.									RATE PER 1000 BIRTHS.	
		All Causes.	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea and Enteritis (under Two Years.)	Total Deaths under One Year.
England and Wales ... ..	19.7	11.6	0.01	0.00	0.14	0.03	0.10	0.07	0.22	0.44	7.7	69
105 County Boroughs and Great Towns, including London... ..	20.4	11.6	0.01	0.00	0.15	0.03	0.12	0.09	0.22	0.40	9.9	72
157 Smaller Towns (1921 Adjusted Populations 20,000—50,000) ...	19.8	10.6	0.01	—	0.19	0.02	0.10	0.06	0.21	0.38	6.4	69
London... ..	20.2	11.2	0.01	0.00	0.08	0.02	0.09	0.13	0.17	0.45	10.2	60
MITCHAM URBAN DISTRICT ...	21.5	9.4	0.05	0.00	0.02	0.02	0.13	0.00	0.05	0.38	10.1	59



### III.—INFECTIOUS DISEASE.

The year 1923 has been a very satisfactory one from the point of view of the prevalence of infectious disease, the number of cases notified being 287 as against 347 last year.

Reference to Table I. at the end of the Report will show :—

Firstly, the cases notified in the District, with the ages of incidence, and the nature of the infectious disease.

Secondly, the number of cases (and nature of disease) in each Ward.

Thirdly, the number of cases removed to the Isolation Hospital.

Table III. shows the number of cases notified each year since the adoption of the Infectious Disease (Notification) Act, 1889.

#### SCARLET FEVER.

A large decrease took place in the number of cases of Scarlet Fever notified, viz., 110 as against 178 last year. The majority of the cases occurred in the West Ward, from which 67 were notified.

One hundred and three cases, or 97 per cent. of the cases, were removed to the Isolation Hospital.

One death was registered as occurring from this complaint.

#### DIPHTHERIA.

A very large decrease also took place in the number of cases of Diphtheria, there being only 35 cases notified as against 84 last year. All the cases were removed to the Isolation Hospital.

No deaths occurred during the year from Diphtheria.

Under the arrangements with the Wandle Valley Joint Hospital Board, any medical practitioner in this district is provided with the necessary outfit to have a bacteriological examination made to confirm, or otherwise, his diagnosis. During the year Dr. Cave examined 157 swabs from this District.



## PUERPERAL FEVER.

Two cases of Puerperal Fever were notified. The confinement in one case was attended at first by relatives of the patient. Both cases were removed to the Isolation Hospital, and were discharged after recovery.

## POLIOMYELITIS.

Four cases were notified, viz :—

E. G., female, aged 2 years, residing in the South Ward Patient died.

L. T., male, aged 3 years, residing in South Ward.

A. H., female, aged  $1\frac{3}{4}$  years, residing in East Ward.

R. W., male, aged 2 years, residing in North Ward.

## TUBERCULOSIS.

During the year 64 new cases of Tuberculosis were notified, of which 43 were pulmonary and 21 were other forms of Tuberculosis.

The sanatorium and dispensary treatment of Tuberculosis is carried out by the Surrey County Council.

During the year Dr. Cave examined 27 specimens of sputa sent by medical men practising within this District.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ... ..	...	...	...	...	...	...	...	...
1 and under 5 ...	...	...	...	1	...	...	...	1
5 „ 10 ...	...	...	4	6	...	...	1	...
10 „ 15 ...	1	3	1	3	1	1	...	...
15 „ 20 ...	2	3	1	1	1	1	...	...
20 „ 25 ...	1	5	...	...	1	3	...	...
25 „ 35 ...	7	7	...	...	5	2	...	...
35 „ 45 ...	3	2	1	1	4	5	1	1
45 „ 55 ...	2	4	1	...	3	1	...	...
55 „ 65 ...	3	...	...	...	2	1	...	...
65 and upwards ...	...	...	1	...	1	...	...	1
Totals ... ..	19	24	9	12	18	14	2	3

The cases were distributed amongst the following Wards :—

Localisation.	Total Cases.	East.	North.	South.	West.
Pulmonary ... ..	43	10	11	10	12
Non-Pulmonary ...	21	4	3	2	12
Totals ... ..	64	14	14	12	24



## HEALTH VISITORS.

Two whole-time Health Visitors are employed in the District and work under the supervision of the Medical Officer of Health. Both carry out their various duties in a very efficient manner.

The following Table shows the number of visits paid by the Health Visitors during the year :

REPORTS OF VISITS PAID BY HEALTH VISITORS FOR 1923.

	Miss Rogers.	Miss Knight.	Total.
Primary ante-natal visits ... ..	76	9	85
Subsequent ante-natal visits ... ..	77	16	93
Primary birth visits ... ..	400	298	698
Subsequent visits to infants ... ..	1596	1248	2844
Visits to children under five years of age ... ..	1743	2256	3999
Enquiries <i>re</i> deaths of infants under one year of age	17	15	30
Enquiries <i>re</i> stillborn births... ..	5	5	10
Visits <i>re</i> cases of ophthalmia neonatorum ... ..	5	1	6
Visits <i>re</i> cases of puerperal fever ... ..	2	1	3
Visit <i>re</i> case of acute poliomyelitis ... ..	1	...	1
Primary visits to cases of tuberculosis ... ..	45	13	58
Subsequent visits to cases of tuberculosis ... ..	66	26	92
Visits <i>re</i> cases of pneumonia... ..	2	1	3
Special visits ... ..	103	68	171
	4138	3955	8093

## MATERNITY AND CHILD WELFARE.

Three Maternity and Child Welfare Centres have been established in this District. The attendances have been well maintained at all the Centres, there having been a larger number of children's attendances at all the Centres.

The medical arrangements at the Centres remain the same, viz., Dr. Love attends both the Zion Schools and the "Woodlands," and Dr. McIntyre at St. Barnabas.

The Ante-natal Clinic is held at "Woodlands," and is under the charge of the Medical Officer of Health. During the year there were 70 consultations.



The following table shows the number of children on the registers, together with the attendances, etc.:—

REPORT OF INFANT WELFARE CENTRES, 1923.

Particulars.	Zion Schools.		The Woodlands.		St. Bar- nabas.		Total.
	1922	1923	1922	1923	1922	1923	1923
Number of Infants on Register January 1st, 1923 ...	164	180	132	168	148	190	538
Number of Infants on Register June 1st, 1923... ..	115	124	110	113	124	132	369
Number of Infants on Register December 31st, 1923 ...	180	145	168	126	194	151	422
Number of new Infants entered on Register ...	104	138	104	86	99	97	321
No. of Infants who have completed one year of age...	62	87	87	76	73	84	237
Infants transferred to other centres ... ..	2	...	2	3	3	4	
Infants who have died ...	1	...	2	...	1	2	
Number of Infant attendances ... ..	982	1113	952	1149	1013	1361	3623
Average attendance ... ..	43.66	50.9	43.6	52.4	48.7	62.2	
Maximum attendance of any Infant ... ..		20		22		20	
Maximum attendances at any centre ... ..	54	77	69	64	65	79	
Number of attendances at Ante-Natal Clinic ... ..			72	70			
Average attendance ... ..				6.3			

NURSE-MIDWIFE.

The work carried out by Miss Hurn, the Nurse-Midwife, has proved very acceptable. During the year she has attended 51 confinements.

MEDICAL INSPECTION OF SCHOOL CHILDREN.

The Education Department of the Surrey County Council carries out the duties of the medical inspection of school children. On occasions the Medical Officer of Health is called in to examine children who are suspected to be suffering from infectious or contagious disease.

## SCHOOLS.

During the year the following visits have been paid to schools :—

Number of ordinary visits	...	...	...	...	101
Number of special visits for infectious or contagious disease	...	...	...	...	16
Certificates given for school attendance purposes	...				161

It was not found necessary to close any schools during the year.

## GENERAL.

*Water Courses.*—Constant supervision is paid to all water courses within the District.

*Legal Proceedings.*—In the following cases it was found necessary to institute legal proceedings to enforce the abatement of nuisances:—

PARTICULARS.	RESULT.
Non-abatement of a nuisance from defective and dirty walls and ceilings.	Order made to execute work. Fined 30s., and costs 21s.
Non-abatement of a nuisance from defective roofs, walls, dirty interior, etc. (two cases).	Order made to execute works. Fined 40s. in each case.
Failing to comply with a Closing Order.	Order to quit in 14 days.

## HOUSING, ETC.

Number of new houses erected during the year :—

(a) Total, 142.

(b) With State assistance under Housing Acts 1919 or 1923.

i. By Local Authorities	...	...	—
ii. By other bodies or persons	...	...	142



## 1. UNFIT DWELLING HOUSES.

## Inspection.

(1)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	...	2,157
-----	---	-----	-----	-------

(2)	Number of dwelling houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	...	...	217
-----	--	-----	-----	-----

(3)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	1
-----	--	-----	-----	---

(4)	Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	...	...	111
-----	--	-----	-----	-----

## 2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICE.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	...	...	98
---	-----	-----	----

## 3. ACTION UNDER STATUTORY POWERS.

A. Proceedings under Section 28 of the Housing, Town Planning Act, 1919:—

(1)	Number of dwelling houses in respect of which notices were served	...	73
-----	---	-----	----



(2) Number of dwelling houses which were rendered fit :—

(a) By owners ... ..	67
(b) By Local Authority in default of owners ... ..	6

(3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... .. Nil.

B. Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... .. 980

(2) Number of dwelling houses in which defects were remedied :—

(a) By owners ... ..	965
(b) By Local Authority in default of owners ... ..	15

C. Proceedings under Sections 17 and 18 of the Housing Town Planning, etc., Act, 1909 :—

(1) Number of representations made with a view to the making of Closing Orders 1

(2) Number of dwelling houses in respect of which Closing Orders were made ... 1

(3) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses being rendered fit 1

(4) Number of dwelling houses in respect of which Demolition Orders were made Nil.

(5) Number of dwelling houses demolished in pursuance of Demolition Orders ... Nil.

## SALE OF FOODS AND DRUGS ACTS, ETC.

The administration of the Sale of Foods and Drugs Acts, etc., is carried out by the Surrey County Council.

The following Table shows the number of samples obtained in this District which were analysed during the year:—

Articles	Analysed			Adulterated or Deteriorated			Prose- cutions	Convic- tions
	Formal	In- formal	Total	Formal	In- formal	Total		
Milk ... ..	73	9	82	13	...	13	5	3
Tea ... ..	...	1	1	...	...	...	...	...
Mustard ... ..	...	1	1	...	...	...	...	...
Confectionery and Jam	...	1	1	...	...	...	...	...
Pepper ... ..	...	1	1	...	...	...	...	...
Other articles ...	...	2	2	...	...	...	...	...
Totals ... ..	73	15	88	13	...	13	5	3

## AMBULANCE FACILITIES.

*Infectious Cases.*—Two motor ambulances are provided for the removal of infectious cases to the Wandle Valley Joint Isolation Hospital.

*For General and Accident Cases.*—A motor ambulance under the control of the Council is provided for accident cases. Upon application it is also available for the removal of patients to hospitals, etc. This ambulance is under the control of the Fire Superintendent.

## FACTORY AND WORKSHOP ACTS.

During the year 242 visits of inspection were paid to factories and workshops, and in 12 instances it was found necessary to serve notices.

## REGULATED TRADES.

*Dairies, Cowsheds and Milkshops.*—There are 39 premises registered as either Dairies, Cowsheds or Milkshops in this District. This is two more than the previous year. During the year 114 visits of inspection were paid.

*Slaughterhouses.*—There are seven slaughterhouses within the District. Two hundred and seventy visits of inspection have been paid during the year.

Report on the administration of the Factory and Workshop Act, 1901, in connection with Factories,  
Workshops, Workplaces and Homework.

**1.—Inspection of Factories, Workshops and Workplaces.**

Including Inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories ... .. (Including Factory Laundries)	105	8	Nil
Workshops ... .. (Including Workshop Laundries)	119	4	Nil
Workplaces ... .. (Other than Outworkers' premises included in Part 3 of this Report)	18	Nil	Nil
Total ... ..	242	12	Nil



## 2.—Defects found in Factories, Workshops and Workplaces.

Particulars.  (1)	Number of Defects.			
	Found.  (2)	Remedied.  (3)	Referred to H.M. Inspector.  (4)	Number of Prosecutions.  (5)
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness ... ..	1	1		
Want of ventilation ... ..				
Overcrowding ... ..				
Want of drainage of floors... ..				
Other nuisances ... ..	5	5		
Sanitary accommodation {	insufficient ... ..	1	Nil	Nil
	unsuitable or defective ... ..	2		
	not separate for sexes ... ..	2		
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bakehouse (s. 101) ...				
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)... ..				
Other offences ... ..				
(Excluding offences relating to outwork which are included in Part 3 of this Report)				
Total ... ..	11	11	Nil	Nil

\* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

## 3.—Homework.

NATURE OF WORK.*	OUTWORKERS' LISTS, SECTION 107.							OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS 109, 110.				
	Lists received from Employers.						Notices served on Occupiers as to keeping or sending lists.	Prosecutions.		Instances.	Notices served.	Prosecutions.	Instances.	Orders made (s. 110).	Prosecutions (Sections 109, 110).
	Sending twice in the year.			Sending once in the year.				Failing to keep or permit inspection of lists.	Failing to send lists.						
	Lists†	Out-workers †		Lists	Out-workers.										
		Contractors	Workmen.		Contractors	Workmen.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wearing Apparel— making, &c. ... cleaning & washing Household linen ... Lace, lace curtains and nets ... Curtains & furniture hangings ... Furniture and uphol- stery ... Electro-plate ... File making ... Brass & brass articles Fur pulling ... Cables and chains ... Anchors and grapnels Cart gear ... Locks, latches & keys Umbrellas, &c. ... Artificial flowers ... Nets, other than wire nets ... Tents ... Sacks ... Racquets and tennis balls ... Paper, etc., boxes, paper bags ... Brush making ... Pea picking ... Feather sorting ... Carding, &c., of buttons, &c. ... Stuffed toys ... Basket making ... Chocolates and sweet- meats ... Cosaques, Christmas crackers, Christmas stockings, &c. ... Textile weaving ...  TOTAL ...	14	2	12	15	1	14	Nil								

\* If an occupier gives out work of more than one of the classes specified in column 1, and subdivides his list in such a way as to show the number of workers in each class of work, the list should be included among those in column 2 (or 5 as the case may be) against the principal class *only*, but the outworkers should be assigned in columns 3 and 4 (or 6 and 7) into their respective classes. A footnote should be added to show that this has been done.

† The figures required in columns 2, 3 and 4 are the *total* number of the lists received from those employers who comply strictly with the statutory duty of sending *two* lists each year and of the entries of names of outworkers in those lists. The entries in column 2 must necessarily be *even* numbers, as there will be two lists for each employer—in some previous returns odd numbers have been inserted. The figures in columns 3 and 4 will usually be (approximately) double of the number of individual outworkers whose names are given, since in the February and August lists of the same employer the same outworker's name will often be repeated.







#### 4.—Registered Workshops.

WORKSHOPS ON THE REGISTER AT THE END OF THE YEAR.									Number.
Workshop-bakehouses	...	...	...	...	...	...	...	...	12
Marine Stores	...	...	...	...	...	...	...	...	2
Printers	...	...	...	...	...	...	...	...	2
Laundries	...	...	...	...	...	...	...	...	7
Varnish Works	...	...	...	...	...	...	...	...	7
Dressmakers and Tailors	...	...	...	...	...	...	...	...	5
Various	...	...	...	...	...	...	...	...	15
Total number of Workshops on Register									50

#### 5.—Other Matters.

CLASS.									Number.
Matters notified to H.M. Inspector of Factories:—									
Failure to affix Abstract of the Factory and Workshop Acts (s. 133, 1901)									Nil
Action taken in matters referred by H.M. Inspector									2
as remediable under the Public Health Acts, but not									
under the Factory and Workshop Acts (s. 5, 1901)									Nil
Other									Nil
Underground Bakehouses (s. 101) in use at the end of the year									Nil

The Hospital was first opened at the beginning of March, 1900, when 25 beds were provided, viz., 10 beds for General Fever cases, 10 beds for Typhoid Fever cases, and 5 beds for Hospital cases.

In 1904 a contract was entered into by the Board of Health to considerably extend the accommodation and in June, 1905, an addition of 25 beds was completed.

## APPENDICES.

The hospital was converted into a steam-heating and an additional dormitory was provided in the administrative block. A further enlargement in 1910 included a complete block for 12 patients and also quarters for a resident medical officer. Further accommodation was provided in 1922 by the addition of another complete block for 15 beds.

The original number of beds now available is 45, but on many occasions a larger number of patients are being treated. Since the Hospital was opened 2,525 patients have been admitted.

The number of patients admitted last year, together with the number of deaths and the case mortality, is:-



## APPENDICES.

## ISOLATION HOSPITAL.

The Wandle Valley Joint Hospital, which is situate at Beddington Corner, serves the Urban Districts of Beddington and Wallington, Coulsdon and Purley, Merton and Morden, and Mitcham.

The Hospital was first opened at the beginning of March, 1899, when 28 beds were provided, viz., 10 beds for Scarlet Fever cases, 10 beds for Diphtheria cases, 4 beds for Typhoid Fever cases, and 4 beds for doubtful cases.

In 1904 a contract was entered into by the Rural District Council to considerably extend the accommodation, and in June, 1905, an additional Scarlet Fever pavilion for 22 beds was completed.

The hand laundry was converted into a steam laundry, and an additional dormitory was provided in the administrative block.

A further enlargement in 1910 included a cubicle block for 12 patients and also quarters for a resident medical officer.

Further accommodation was provided in 1922 by the erection of another cubicle block for 16 beds.

The nominal number of beds now available is 78, but on many occasions a larger number of patients are being treated.

Since the Hospital was opened 8,825 patients have been admitted.

The number of patients admitted last year, together with the number of deaths and the case mortality, is:—

	Cases.		Deaths.		Case Mortality (per cent.).
Scarlet Fever	230	...	2	...	0.86
Diphtheria	136	...	4*	...	2.94
Pneumonia	1	...	—	...	0.00
* Puerperal Fever	3	...	1†	...	33.33
Typhoid Fever	1	...	1	...	100.00
Erysipelas ...	6	...	—	...	0.00
Measles ...	1	...	—	...	0.00
Encephalitis					
Lethargica	2	...	—	...	0.00
Influenza	1	...	—	...	0.00
Tuberculosis	20	...	2	...	10.00
	—		—		—
Total ...	401		10		2.49

\* One patient died from Nephritis.

† Patient died from Tubercular-Broncho-Pneumonia.

#### BACTERIOLOGICAL LABORATORY.

The Hospital is provided with a bacteriological laboratory, and during the year Dr. Cave has made the following examinations :—

Number of swabs examined for diphtheria	...	1,147
Number of specimens of sputa	...	122

This work was divided amongst the constituent Authorities and amongst the patients at the Hospital as shown by the following table :—

	Swabs for Diphtheria.	Sputa.
Beddington and Wallington ...	97	18
Coulsdon and Purley ...	93	29
Mitcham... ..	157	27
Hospital Cases ...	800	48

### Patients Admitted to Hospital during 1923.

DISTRICT.	Scarlet Fever.		Diph- theria.		Pneu- monia.		Puer- peral Fever.		Typhoid Fever.		Ery- sipelas.		Tuber- culosis.		Measles.		Enceph- alitis Letharg- ica.		Influ- enza.		Totals.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Beddington and Wallington ...	22	...	37	...	...	...	1	1*	...	...	3	...	...	...	1	...	2	...	...	...	66	1
Coulsdon and Purley ...	35	1	23	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	59	2
Mitcham ...	107	...	35	...	...	...	2	...	1	1	1	...	...	...	...	...	...	1	...	147	1	
Merton and Morden ...	54	1	39	3†	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	95	4	
Caterham ...	11	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	
Carshalton ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	
Surrey ...	...	...	...	...	...	...	...	...	...	...	...	...	20	2	...	...	...	...	...	...	20	2
Totals ...	230	2	136	4	1	...	3	1	1	1	6	...	20	2	1	...	2	...	1	...	401	10

† One patient died from Nephritis.

\* Patient died from Tubercular-Broncho-Pneumonia.



Table I.—Cases of Infectious Disease Notified during the Year 1923.

DISEASE.	NUMBER OF CASES NOTIFIED.													TOTAL CASES NOTIFIED IN EACH WARD.				Total Cases Removed to Hospital.
	At all Ages.	At Ages—Years.												East.	North.	South	West.	
		Under 1 year.	1 and under 2 years.	2 and under 3 years.	3 and under 4 years.	4 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 35 years.	35 and under 45 years.	45 and under 65 years.	65 and over.					
Scarlet Fever ... ..	110	4	3	4	7	2	49	29	9	1	2	...	...	13	16	14	67	107
Diphtheria ... ..	35	...	1	1	2	2	9	11	2	7	...	...	...	7	3	13	12	35
Pneumonia ... ..	19	1	...	1	2	1	1	...	5	5	2	...	1	1	7	7	4	...
Chicken Pox ... ..	91	4	2	5	7	7	57	7	2	...	...	...	...	32	13	24	22	...
Erysipelas ... ..	15	1	...	...	...	...	1	1	...	...	2	7	3	2	2	8	3	1
Ophthalmia Neonatorum ...	6	6	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	...
Poliomyelitis ... ..	4	...	1	2	1	...	...	...	...	...	...	...	...	1	1	2	...	...
Malaria ... ..	3	...	...	...	...	...	...	...	...	2	1	...	...	2	...	...	1	...
Puerperal Fever ... ..	2	...	...	...	...	...	...	...	...	1	1	...	...	...	1	1	...	2
Typhoid Fever ... ..	2	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...	1	1
Totals ... ..	287	16	7	13	19	12	117	49	19	16	8	7	4	60	44	71	112	146







**TABLE II.—Deaths registered during the Calendar Year 1923, classified by Age and Cause.**

CAUSES OF DEATH.	Net Deaths at the subjoined Ages of "Residents" whether occurring within or without the District.								
	At all Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.
Enteric Fever ... ..	2	...	...	...	2	...	...	...	...
Measles ... ..	1	1	...	...	...	...	...	...	...
Scarlet Fever ... ..	1	...	...	1	...	...	...	...	...
Whooping Cough ... ..	5	2	...	2	1	...	...	...	...
Influenza ... ..	2	1	...	...	...	...	...	1	...
Meningococcal Meningitis ... ..	1	...	...	...	1	...	...	...	...
Tuberculosis of Respiratory System ... ..	32	...	...	...	2	6	16	7	1
Other Tuberculous Diseases ... ..	5	...	1	...	1	...	2	...	1
Cancer, malignant disease ... ..	33	...	...	...	...	...	4	13	16
Rheumatic Fever ... ..	3	...	...	...	1	...	2	...	...
Diabetes ... ..	3	...	...	...	...	...	1	1	1
Cerebral Hæmorrhage, etc. ... ..	21	...	...	...	...	...	...	7	14
Heart Disease ... ..	45	...	...	...	1	4	6	13	21
Arterio-sclerosis ... ..	21	...	...	...	...	...	...	3	18
Bronchitis ... ..	26	3	...	1	...	...	...	8	14
Pneumonia (all forms) ... ..	20	3	1	1	1	1	1	4	8
Other Respiratory Diseases ... ..	1	...	...	...	...	...	1	...	...
Ulcer of Stomach or Duodenum... ..	3	...	...	...	...	...	...	3	...
Diarrhœa, &c. (under two years) ... ..	8	4	4	...	...	...	...	...	...
Appendicitis and typhlitis... ..	2	...	...	...	1	...	...	1	...
Cirrhosis of Liver ... ..	2	...	...	...	...	...	...	1	1
Acute and Chronic Nephritis ... ..	9	...	...	...	...	1	2	2	4
Congenital Debility, and Malformation, Premature Birth ... ..	17	17	...	...	...	...	...	...	...
Suicide ... ..	6	...	...	...	...	...	1	5	...
Other Deaths from Violence ... ..	14	2	...	...	2	1	2	3	4
Other Defined Diseases ... ..	57	1	2	1	4	3	7	12	27
Causes ill-defined or unknown ... ..	3	3	...	...	...	...	...	...	...
<b>Total... ..</b>	<b>343</b>	<b>37</b>	<b>8</b>	<b>6</b>	<b>17</b>	<b>16</b>	<b>45</b>	<b>84</b>	<b>130</b>

TABLE III.—Ascertained Cases of Infectious Disease since the Adoption of the Notification Act.

DISEASE.	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	
Small Pox ...	...	...	...	1	...	...	...	...	...	...	...	15	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...		
Scarlatina ...	29	...	...	53	29	12	205	64	18	44	43	55	17	39	93	54	76	112	100	97	77	89	88	132	136	52	49	54	97	219	374	178	110	
Diphtheria ...	5	...	...	50	22	13	16	32	6	18	18	16	26	105	91	98	75	79	108	100	84	68	49	57	75	41	45	69	71	122	154	84	35	
Typhoid Fever ...	2	4	12	2	6	9	6	11	4	3	3	3	4	5	8	20	10	11	7	11	36	11	4	3	4	1	2	6	...	2	4	1	2	
Continued Fever ...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Puerperal Fever ...	...	...	...	3	1	...	...	...	...	3	1	3	1	6	1	1	2	5	2	6	4	5	2	6	3	2	2	1	3	2	3	3	2	
Anthrax ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	2	...	...	1	1	1	3	4	1	1	...	1	2	1	...	
Cholera ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Erysipelas ...	3	...	...	6	4	9	15	9	6	9	5	6	7	14	23	25	25	18	20	34	23	36	20	23	28	21	8	7	17	16	12	13	15	
Measles ...	43	...	...	83	7	557	129	414	...	127	470	53	171	434	202	353	147	538	283	...	...	...	...	...	...	230	582	362	386	...	...	...	...	
Acute Diarrhoea ...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Chicken Pox ...	...	...	...	...	...	...	...	...	...	...	...	29	68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26	...	...	26	91	
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	4
Ophthalmia Neona- torum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	5	4	2	4	6	2	3	3	6	...
Polio-encephalitis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	2	...	...	
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
Pneumonia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35	20	25	30	19	
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	6	4	8	3	...
Totals...	82	4	13	203	70	602	371	530	34	204	540	180	294	607	418	551	339	763	522	248	238	210	164	227	254	356	691	505	658	391	583	347	287	







## ANNUAL REPORT OF SANITARY INSPECTOR.

To the Chairman and Members of the Urban District Council of  
Mitcham.

MRS. HALLOWES AND GENTLEMEN,

I beg to submit my ninth annual report on the work carried out in the district during the year 1923 by myself, Mr. R. Richards and Mr. A. Handley (Assistant Inspector, permanently appointed in October last).

This extra assistance has brought the arrears of house-to-house inspection fairly well up to date, and by the exercise of closer supervision, better work is obtained.

Only two householders availed themselves of the provisions of the Rents Restriction Acts by applying for certificates of unfitness of their premises.

With a view to keeping down the mosquito nuisance as much as possible, the ponds, pools, ditches and other mosquito breeding places were regularly sprayed with paraffin during the summer months.

I append a summary of the character of work done in the course of the year:—951 intimatory notices were served. In 319 instances it was necessary to report for authority to serve statutory notice, followed in four instances by legal proceedings before the magistrates, resulting in fines and costs amounting to £2 16s. being imposed.

Summary of Sanitary Work carried out in the District during  
the year ended December 31st, 1923.

Total number of visits paid	...	...	...	7662
Number of complaints received and investigated				191
Number of premises inspected	...	...	...	2157
Number of premises revisited	...	..	...	3966
Number of nuisances discovered	...	...	...	1489
Number of nuisances abated without report	...			756



Number of nuisances abated after report	...	399
Number of intimated notices served	...	951
Number of statutory notices served	...	319
Notices followed by legal proceedings	...	4
Houses inspected under the Housing and Town Planning Act	...	217
Number of revisits to infected houses	...	78
Number of house drains tested	...	13
Number of drains found defective	...	10
Number of tests applied to new drainwork	...	8

#### Character of Work Done.

Houses repaired and cleansed generally	...	441
Overcrowding abated	...	14
Roofs repaired	...	177
Damp walls remedied	...	9
Eaves guttering and spouting renewed or repaired	...	165
Water closets renewed, repaired or cleaned	...	59
Water closet flushing cisterns and flush pipes renewed or repaired	...	111
Water cisterns cleansed or covered	...	50
Water supply to houses reinstated	...	5
Back yards paved or paving repaired	...	78
Floors repaired	...	135
Dustbins provided	...	199
Premises where animals improperly kept were removed or improved	...	7
Offensive accumulations removed	...	30
Urinals cleansed or repaired	...	10
Piggeries repaired or improved	...	7
Houses or parts disinfected and cleansed	...	184
Smoke nuisances abated	...	6
Houses at which drains were reconstructed or new provided	...	9
Drains repaired, cleansed, trapped or ventilated	...	179

*Slaughterhouses.*—There are two registered slaughterhouses and five annually licensed slaughterhouses, one of which is used as a



knackers' premises and another for slaughtering horses for exportation for human food. These are visited periodically to see that the byelaws in force, including the use of the "humane killer," are conformed to. 270 visits in all were paid. On no occasion was there any cause for serious complaint.

*Factories, Workshops and Outworkers.*—272 visits have been paid to these premises, including 66 to bakehouses, of which there are 16 in use, six using mechanical power. There are no underground bakehouses. (See Appendix).

*Dairies, Cowsheds and Milkshops.*—Two new premises were registered during the year. At one shop the sale of milk has ceased. 114 visits have been paid to the 37 registered premises.

*Piggeries.*—Pigkeeping has greatly diminished in this district during the last few years. These premises are regulated by a model set of byelaws which are strictly enforced. 190 visits were made.

*Marine Stores.*—There are only two marine stores in the district. To these 76 visits were paid. No complaint has been made respecting them.

*Food Inspection.*—In addition to the inspection of animals and meat carcasses being prepared for food at the slaughterhouses, 381 visits were paid to butchers' shops, fishshops and other places where food is sold. Four pigs' heads, 26 stone of fish and a sack of winkles were destroyed after examination and surrender.

The necessary disinfection has been carried out at 184 premises after removal or recovery of cases of infectious disease. 4,232 articles of bedding and clothing have been removed to the steam disinfector at the Wandle Valley Joint Isolation Hospital.

### SHOPS ACTS.

As Inspector under the Shops Acts, 1913 to 1921, I have kept a large number of observations on shopkeepers, especially confectioners and mixed trades. Most activity was in connection with complaints

as to the irregular closing of shops on Sundays. Printed and verbal warnings were given the tradesmen most concerned throughout the district.

### PETROLEUM ACTS.

As Inspector under the Petroleum Acts I periodically visit the 45 licensed premises for the storage of petroleum spirit and carbide of calcium, of which four were newly licensed during the year. The total amount of spirit permitted to be kept is 28,078 gallons. Several underground storage systems have been installed during the year; others are considering the adoption of the system, which is to be encouraged.

I am,

Your obedient servant,

CHARLES G. RABBETTS,

*Senior Sanitary Inspector.*



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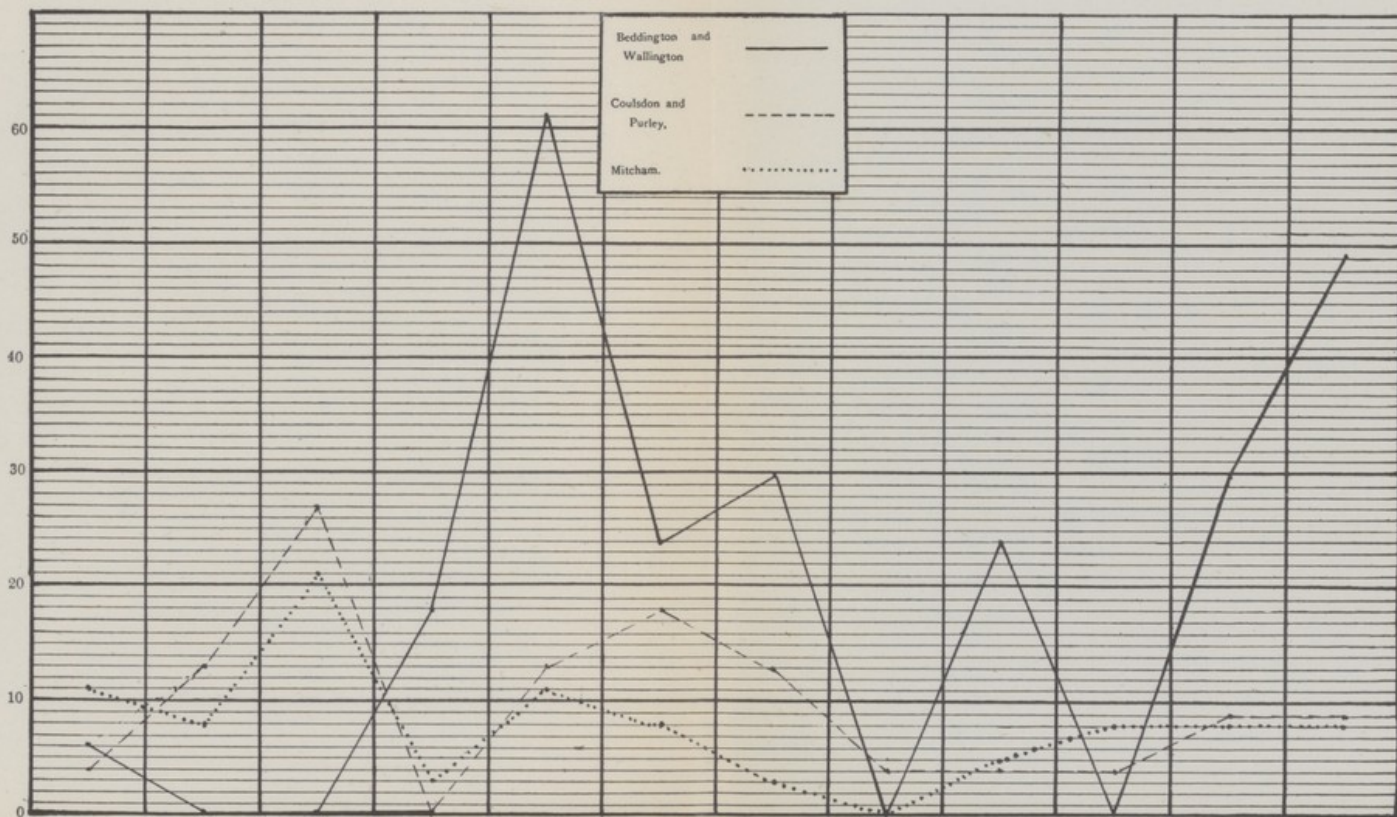


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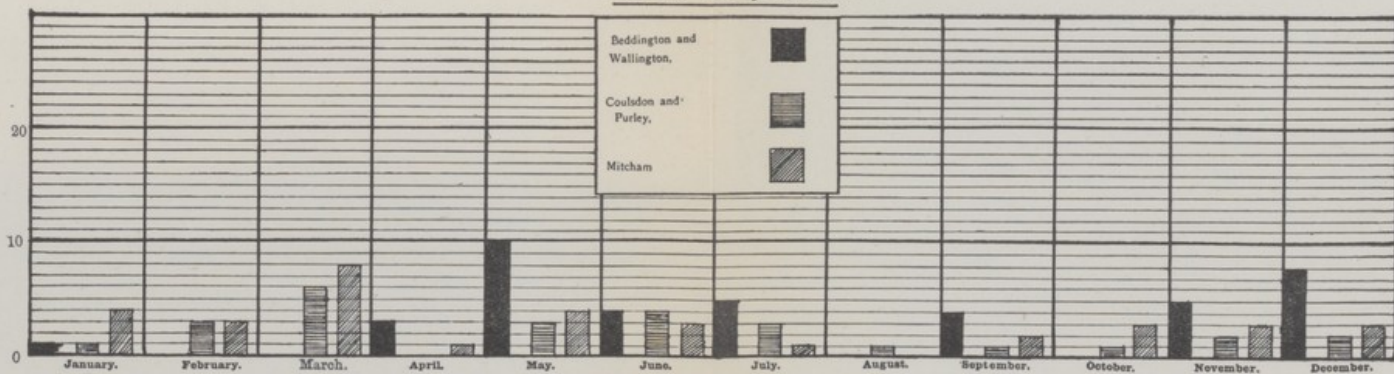
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**- DIPHTHERIA. -**  
**- No. of Cases per 100,000. -**

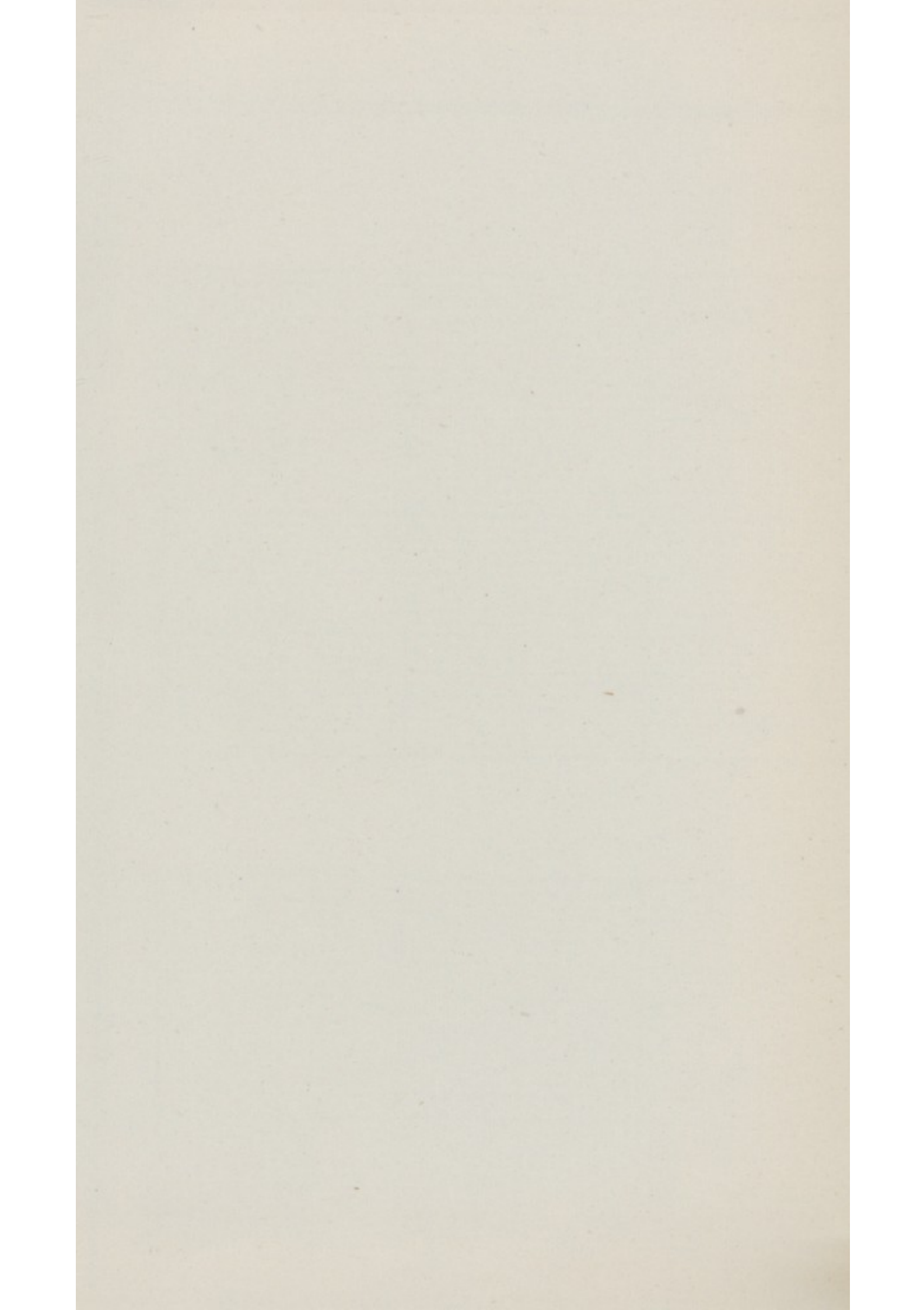


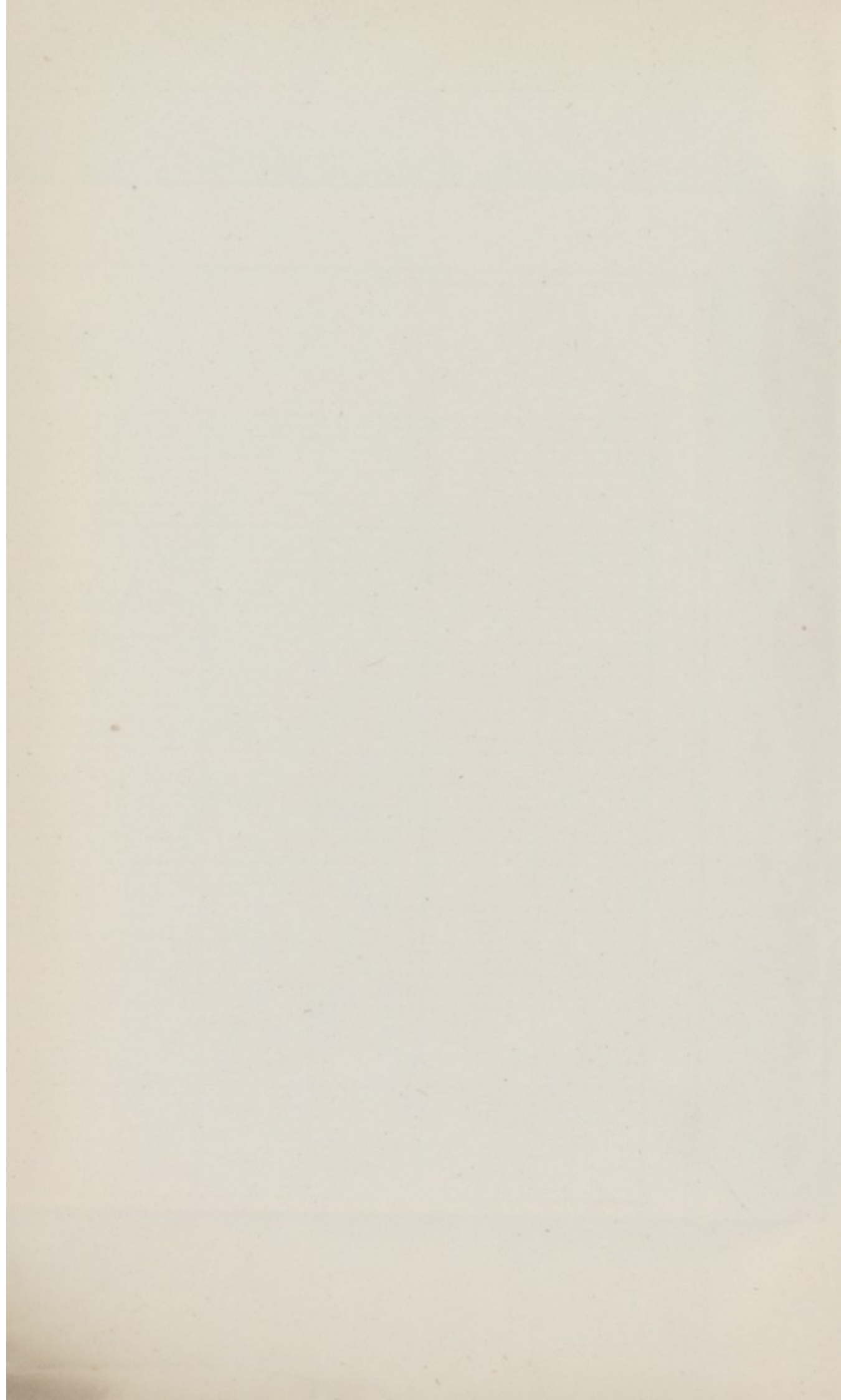
**- Actual No. of Cases. -**







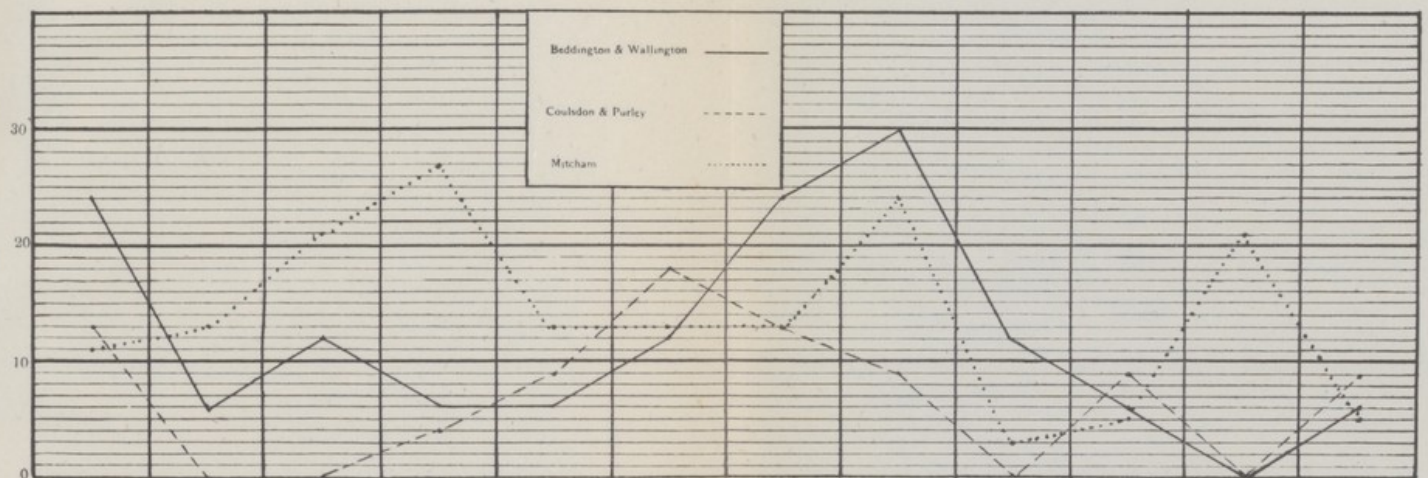




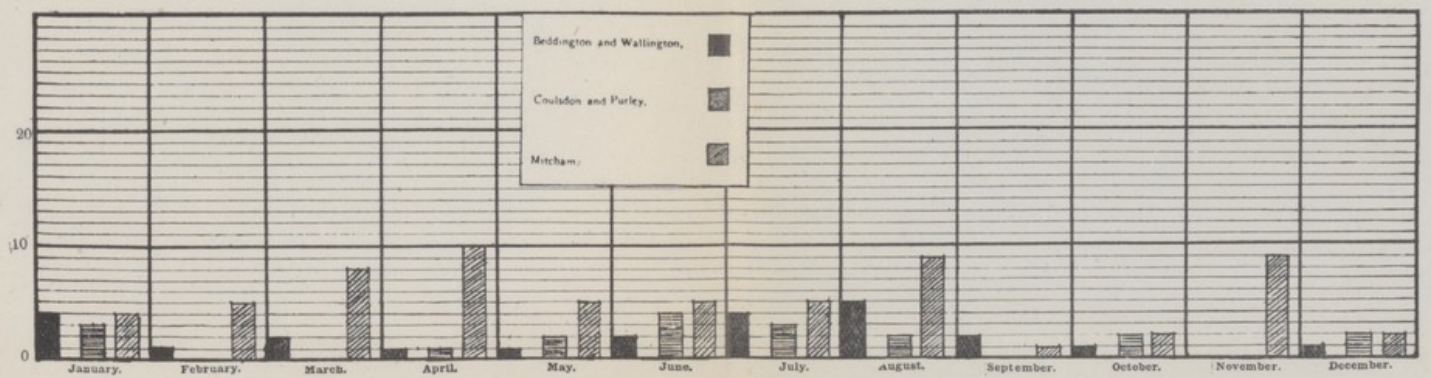


# - TUBERCULOSIS. -

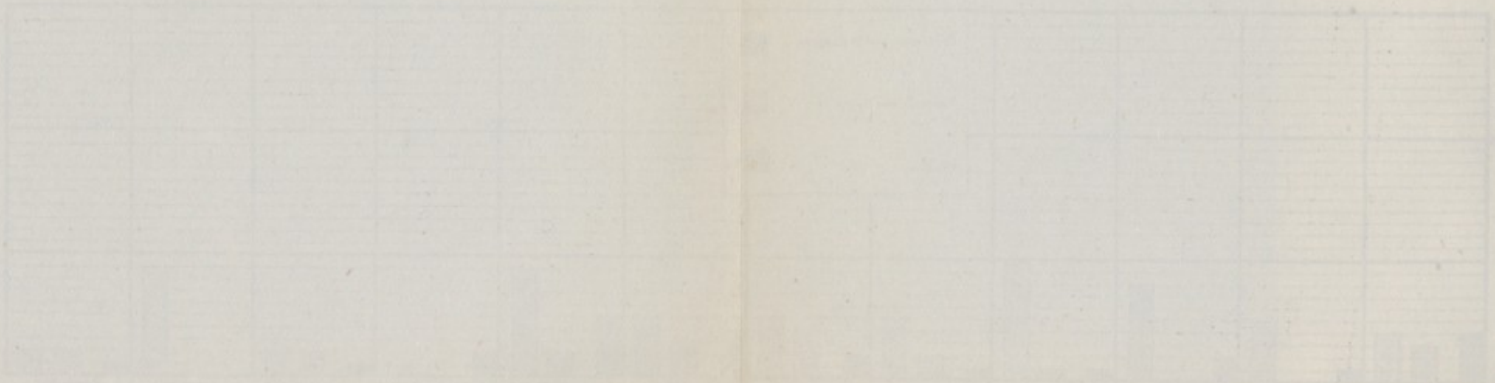
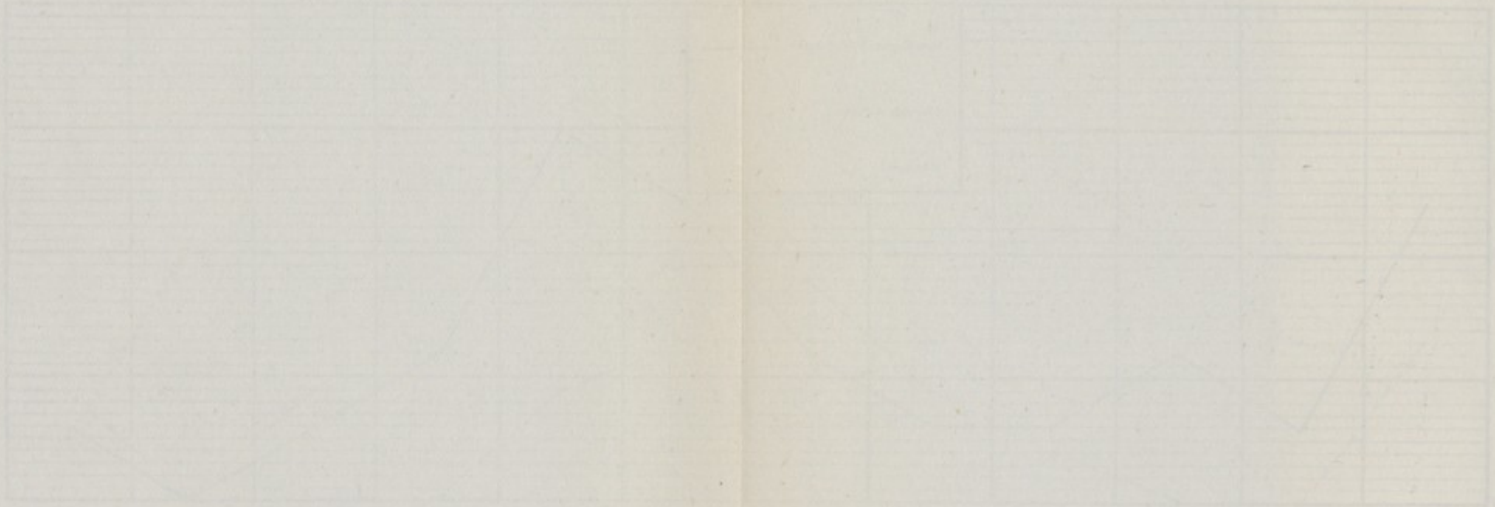
- No. of Cases per 100,000. -



- Actual No. of Cases. -



TUBERCULOSIS



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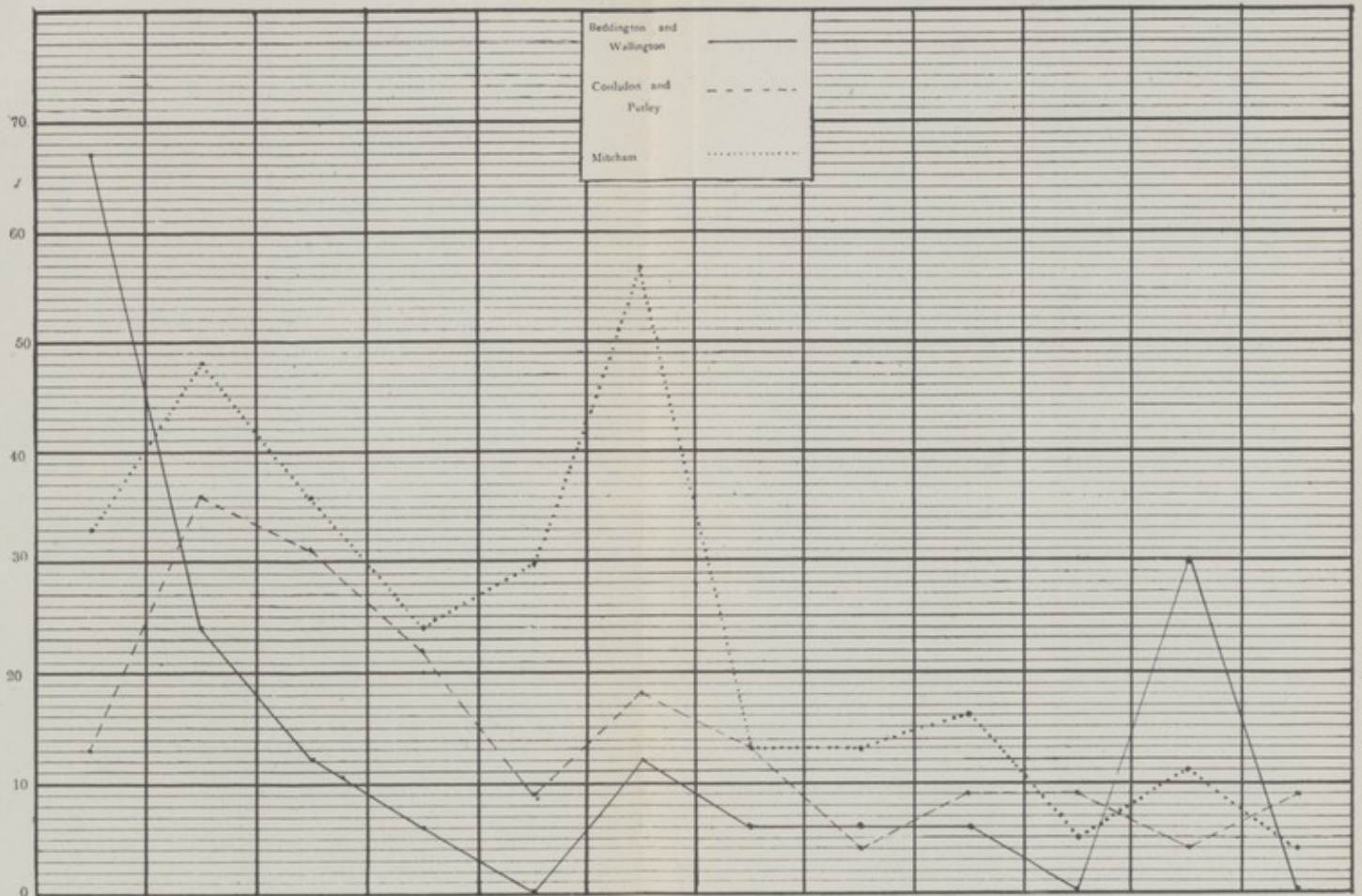






# **— SCARLET FEVER. —**

— No. of Cases per 100,000. —



## *Actual No. of Cases.*

