

[Report of the Medical Officer of Health for St. Marylebone, Metropolitan Borough].

Contributors

St. Marylebone (London, England). Metropolitan Borough.

Publication/Creation

[1908]

Persistent URL

<https://wellcomecollection.org/works/f4j7s2yv>

License and attribution

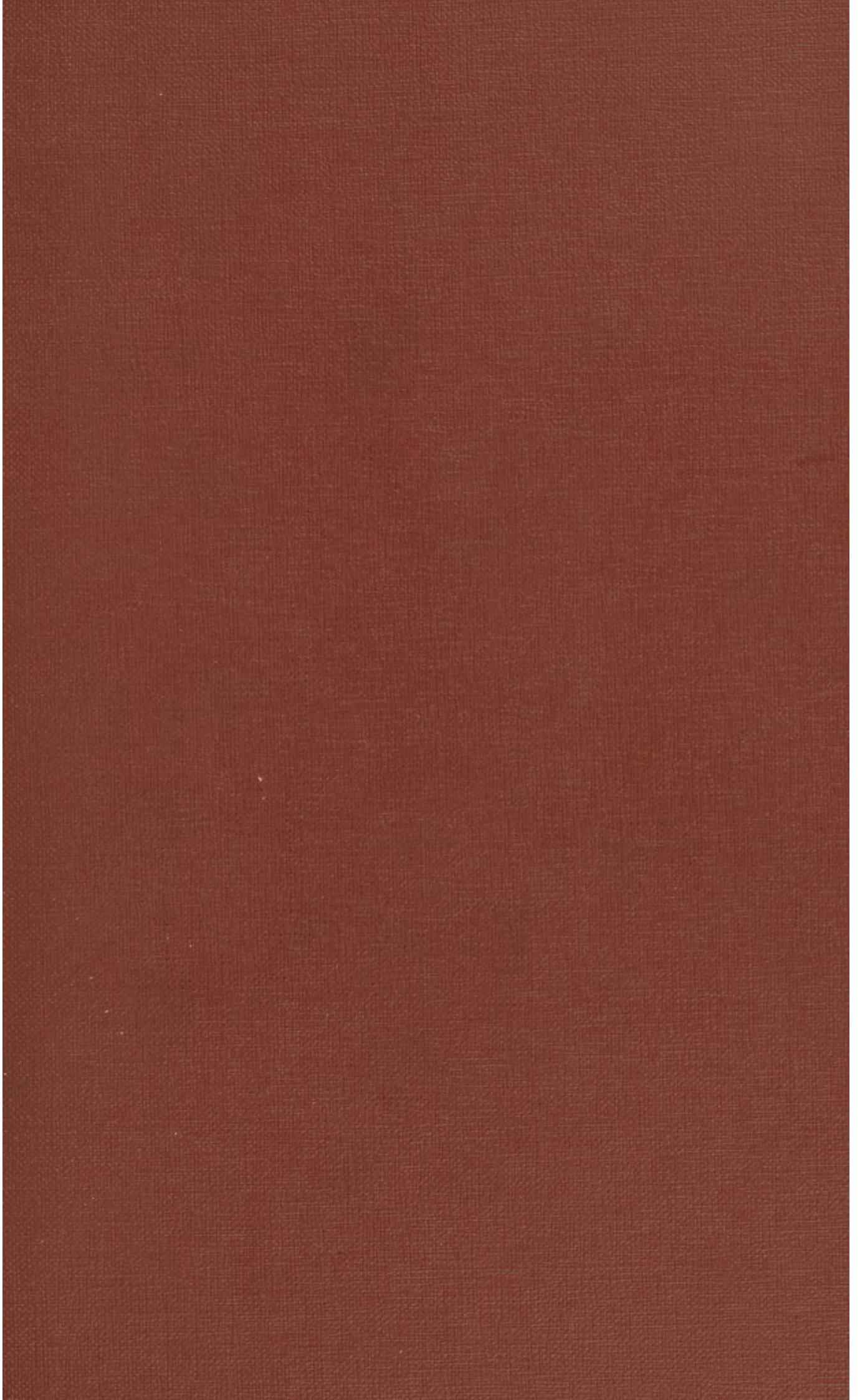
You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

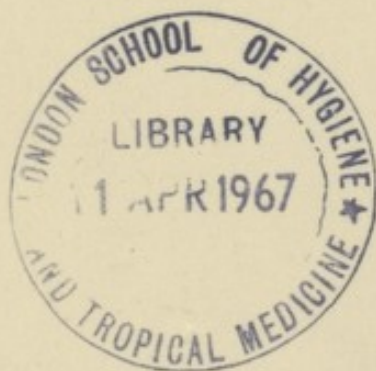
Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

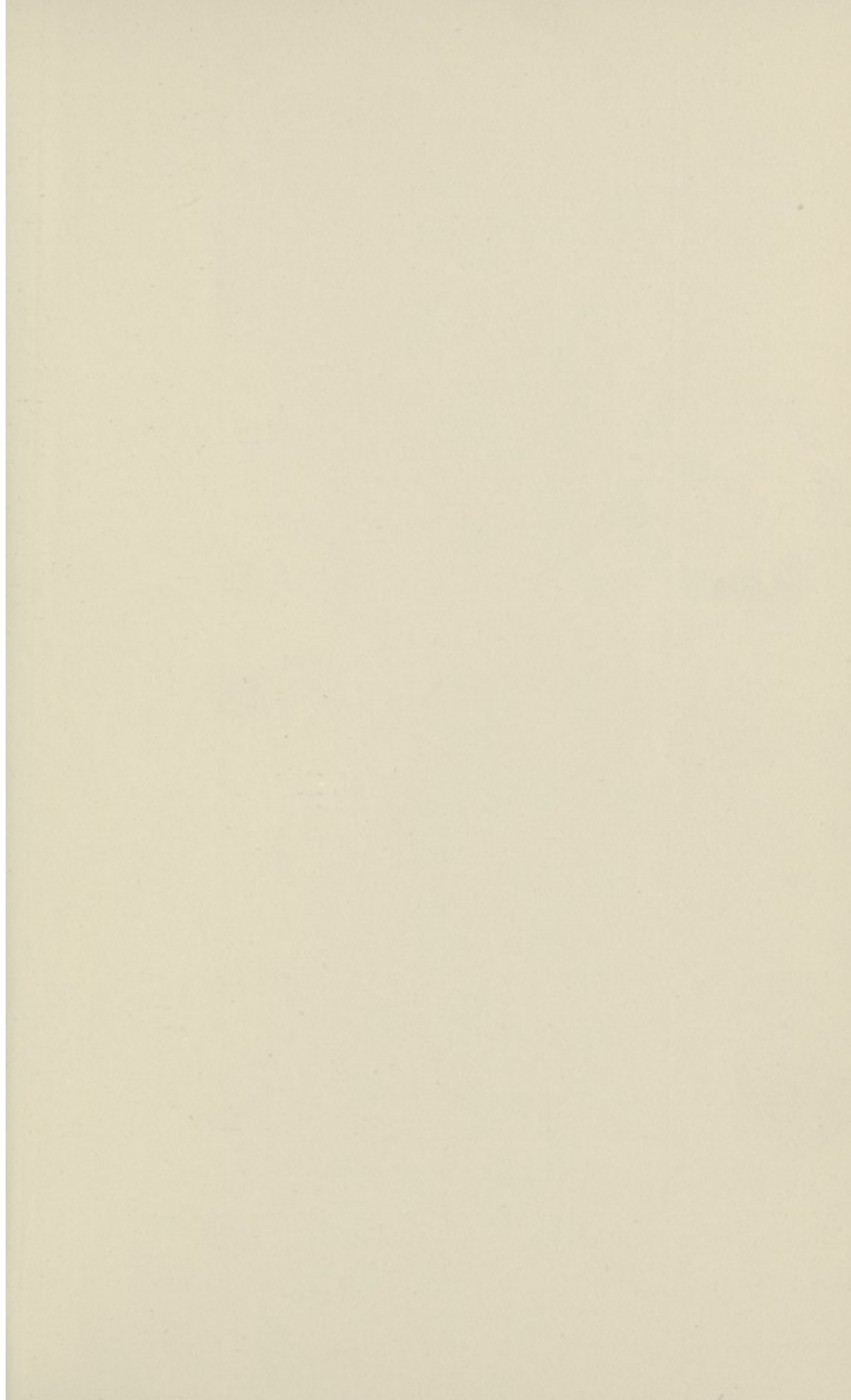
Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

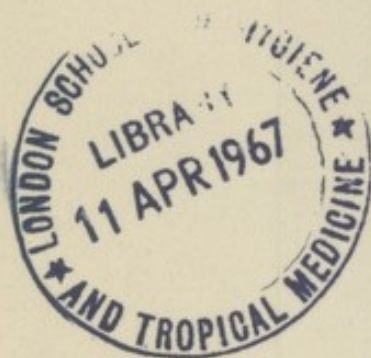








64888



Metropolitan Borough of St. Marylebone.

PUBLIC HEALTH DEPARTMENT

Temporary Offices:

3, Upper Gloucester Place,

Marylebone Road, N.W.

London

6th June, 1908.



MEREDITH YOUNG, M.D., D.P.H.
MEDICAL OFFICER OF HEALTH.

Typd.
A.H.J.

Dear Sir,

I have yours of the 5th and in reply beg to state that the Sanitary Chronicles were discontinued in October or November last year by order of the Public Health Committee, so that the only printed publication which is now issued from this Department in that particular line is the Annual Report a copy of which I will see that you have each year.

I am,

Yours faithfully,

Meredith Young

Medical Officer of Health.

SECRET OFFICE OF THE SECRETARY

ADJUTANT GENERAL

1 PM

a copy of which I will see that you have each sent.
This document is that document, time to the various reports
so that the data obtained by the various reports is now issued from
November last year by order of the Public Health Committee.
That the various documents were discontinued in October of
I have none of the data and in reply to state

Best Sir

Very truly

A. H. J.
L. A. B.

1353

STMARY 12

THE

SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING JANUARY, 1907,

BY ALEXANDER WYNTER BLYTH,

Medical Officer of Health and Analyst of Food and Drugs for
the Borough of St. Marylebone.

PRINTED BY ORDER OF THE COUNCIL.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., FEB. 9TH, 1907. No. 1.

The week ending January 5th was a moist, cool week. Minimum temperature, 25.5° ; maximum, 51.0° ; mean, 44.4° . On four days fell either snow or rain, the rainfall being equal to 0.64 inch. The winds were S.S.W. and W.S.W. Sunshine, deficient, only 8.25 hours out of a possible 55 hours being registered in Regent's Park. Barometer, 29.6 inches.

The week ending January 12th was one of mild weather. Minimum temperature, 34.2° ; maximum, 48.0° ; mean, 44.2° . On one day rain fell to the extent of 0.21 inch. Winds N.W. and S.W. Sunshine in Regent's Park 11% of the possible. Mean barometer, 30.3 inches.

The week ending January 19th was overcast but rainless. Minimum temperature 32.5° ; maximum, 49.2° ; mean, 44.3° . Winds N.W. and E.N.E. Sunshine, a little over 7%. Mean barometer, 30.5 inches.

The week ending January 26th, was fine and cold. Minimum temperature, 22.0° ; maximum, 46.0° ; mean, 32.1° . On one day slight snow fell, the fall being equal to 0.04 inch of rain. Winds easterly. Sunshine, equal to 8.9%. Mean barometer, 30.5 inches.

The week ending February 2nd, was brighter but still cold. Minimum temperature, 23.0° ; maximum, 50.5° ; mean, 36.6° . On two days there was snow and sleet equal to 0.09 inch of rain. Winds W.S.W. and N. Sunshine, 38%. Mean barometer, 29.9 inches.

Births and Deaths.

During the five weeks ending February 2nd, there have been registered 282 births, and 256 deaths. These births and deaths are divided among the four sub-districts as set forth in Tables V. and VI. Ninety-nine of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting Hill	70
Childrens Hospital Paddington	3
St. Mary's Hospital	5
University College Hospital	3
St. George's Hospital	1
St. Thomas' Hospital	1
French Hospital	1
St. Peters' Home, Kensington	1
St. Luke's Home, Kensington	1
Royal Hospital for Incurables	1
Darenth Asylum	2
Colney Hatch Asylum	1
Tooting Bec Asylum	1
Banstead Asylum	1
Leavesden Asylum	1
Claybury Asylum	1
Hanwell Asylum	3
Other Addresses	2
Total	<u>99</u>

The birth and death-rates, as deduced from the five weeks' statistics are as follows :—

All Souls, birth-rate 28·0; death-rate 20·4.

St. Mary, birth-rate 15·9; death-rate 18·7.

Christ Church, birth-rate 29·0; death-rate 26·2.

St. John, birth-rate 24·7; death-rate 21·6.

The whole district, birth-rate 22·8; death-rate 20·7.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows :—All Souls, 14·8; St. Mary, 21·4; Christ Church, 17·2; St. John, 28·3; the whole district, 19·5.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FIVE WEEKS
ENDING FEBRUARY 2ND, 1907, FROM CERTAIN CLASSES OF DISEASE
AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 5 weeks ending Feb. 2nd, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Feb. 2nd 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	22	86	1.78	2.07
2. Pulmonary, other than Phthisis	73	285	5.90	5.38
3. Tubercular	27	155	2.18	2.34

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhoea.

3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Health of the District.

Climatic conditions and the re-appearance of Influenza has exercised an unfavourable influence on health. The death-rate is decidedly above the average of the ten preceding years, and the increase is really more than the average seems to indicate for the ten Januarys, including the fatal January of 1900, when Influenza appeared in an epidemic form, and the deaths were more than double the usual number.

Chief Sanitary Inspector.

The Public Health Committee almost unanimously consider that a Chief Sanitary Inspector should hold a medical qualification; this view has been at length adopted by a majority of the Council. The writer believes that if a proper selection can be made, such an officer, by whatever name he may be called, whether Assistant Medical Officer of Health or other title will be far more useful than a person with simply the qualifications of a Surveyor or Clerk of the Works.


Prosecutions.

Charles Joyce, of Enfield, was summoned under the Bye-laws (Metropolitan Management Act, 1855, sec. 202,) for doing work, without depositing plans or giving notice, at 117, Park Road. The Magistrate imposed a penalty of £5 and 2/- costs.



CURVE SHOWING NUMBER OF CASES OF FEVER, DIPHTHERIA, AND TYPHOID
FEVER NOTIFIED WEEK DURING 1906.




Scarlet Fever.
Diphtheria.
Typhoid Fever.

x - - - x - - - x - - - x - - - x - - - of Scarlet Fever during 10 years ending 1906
x - - - x - - - x - - - x - - - x - - - " Diphtheria " " "
x - - - x - - - x - - - x - - - x - - - " Typhoid Fever " " "



TABLE II.—Giving the Causes of Deaths during January, 1907, at the Middlesex Hospital, Queen Charlotte's Lying-in-Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth, Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	1	..
Diarrhoea .....	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	1	..
Pneumonia and Pleurisy	1	1	..	..	1	..
Pyæmia .....	..	..	..	..	..	..
Syphilis	1	..	..	..	..	..
Cancer	17	..	..	..	7	..
Phthisis & Tuberculosis	2	..	..	..	12	1
Rheumatism .....	..	..	..	..	2	..
Apoplexy .....	..	..	..	..	1	..
Paralysis .....	..	..	..	..	..	..
Bronchitis	3	..	..	4	25	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
" Heart .....	..	..	..	..	3	..
" Kidney .....	..	..	..	..	..	..
" Liver.....	..	..	..	..	..	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition.....	..	..	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	4	..	..	..	1	..
Old Age .....	..	..	..	..	7	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	2	..	..	..	..
Other causes	9	1	..	4	9	..
Total	*37	†4	..	8	70	***1

* Of the 37 deaths in the Middlesex Hospital, 32 were those of non-parishioners

† Three of the 4 deaths in Queen Charlotte's Hospital were those of non-parishioners.

*** The death in the Hospital of St. John's was that of a non-parishioner.

TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during February, 1907, classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH		ST. JOHN		Totals		
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		133,361		
	(c) Registered Births			73		57		104		48		282		
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. ..	..	..	..	..	..	..	..	..	..
				2. Scarlatina	2	7	1	10	5	3	1	5	9	25
				3. Diphtheria .. ..	..	2	1	1	..	2	1	1	2	6
				4. Membranous Croup.. ..	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. ..	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. ..	..	2	..	1	..	2	..	..	..	5
				7. Continued .. ..	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. ..	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. ..	..	1	..	1	..	..	..	..	..	2
				10. Cholera.. ..	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. ..	..	1	..	6	3	9	..	1	3	17
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				1. Smallpox .. ..	..	..	..	..	..	..	..	..	..
				2. Scarlatina	1	7	..	3	5	3	1	4	7	17
				3. Diphtheria .. ..	..	2	1	1	..	2	1	1	2	6
				4. Membranous Croup.. ..	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. ..	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. ..	..	2	..	1	..	2	..	..	..	5
				7. Continued .. ..	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. ..	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. ..	..	..	..	..	..	..	..	..	..	..
				10. Cholera .. ..	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. ..	..	..	..	4	..	1	..	..	..	5

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE
FIVE WEEKS ENDING FEBRUARY 2ND, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	33	40	24	29
*St. Mary	37,948	29	28	31	36
Christ Church	39,536	49	55	54	40
St. John	20,426	20	28	18	24
Total	133,301	131	151	127	129

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE V.—Causes of, and Ages at, Death during the 5 weeks ending February 2nd, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	1	...	...	...	...	1	...	...	1	...	...	...
Whooping Cough ...	1	...	1	...	...	...	...	...	...	1	...	...
Diphtheria and Mem- branous Croup	2	...	...	1	...	1	...	1	...	1	...	2
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ...	1	...	...	...	...	1	...	...	...	1	...	...
Other continued	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic influenza ...	12	...	2	1	...	5	4	2	2	4	4	1
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis ...	2	2	...	...	...	...	...	...	...	1	1	...
Puerperal fever ...	2	...	...	...	...	2	...	1	1	...	...	...
Erysipelas ...	2	1	...	...	...	1	...	1	...	1	...	1
Other Septic Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis ...	21	...	...	...	...	21	...	6	5	7	3	15
Other Tubercular Diseases	6	1	...	...	1	3	1	...	2	3	1	2
Cancer, Malignant Disease	16	...	...	...	...	7	9	4	7	5	...	27
Bronchitis ...	60	7	2	...	...	17	34	13	15	21	11	32
Pneumonia ...	13	7	3	...	1	1	1	3	2	6	2	5
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism Cirrhosis of Liver {	1	...	...	...	...	1	...	...	1	...	...	...
Venereal Diseases ...	...	...	...	...	...	...	...	...	...	...	...	1
Premature Birth ...	7	7	...	...	...	...	...	1	1	3	2	2
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases ...	17	...	...	...	...	8	9	6	4	5	2	5
Accidents ...	7	2	...	...	...	2	3	1	2	2	2	4
Suicides ...	...	...	...	...	...	...	...	...	...	...	...	...
All other causes...	85	9	5	2	...	26	43	14	24	33	14	51
All causes ...	256	36	13	4	2	97	104	53	67	94	42	148*

* 35 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 31ST JANUARY, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.						
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Total.
Public Health (London) Act.								
Inspections.	Dwelling Houses, &c.	65	...	35	...	30	...	130
	Tenements	56	...	42	...	46	...	144
	Underground Dwellings	10	...	12	...	14	...	36
	Dairies, Milk Shops, Cow Houses	22	...	21	...	20	...	63
	Slaughter Houses	2	...	...	...	...	...	2
	Yards, Stables, and Mews	34	...	35	...	40	...	109
	Smoke Shafts ... ..	...	...	...	...	...	...	...
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...
	Refuse Receptacles	6	...	5	...	7	...	18
	Enquiries <i>re</i> non-removal of refuse	160	...	208	...	...	450	818
Removal of Bodies to Mortuary ...	...	...	1	...	1	...	2	
Visits to Works in progress	91	277	84	220	90	...	762	
Miscellaneous Inspections	86	12	42	20	40	...	200	
UNWHOLESOME FOOD:—								
Number of seizures made ... ..		...	...	...	...	...	...	...
INFECTIOUS DISEASE:—								
Cases Isolated... ..		1	...	7	...	1	...	9
Cases Removed to Hospital		10	...	12	...	13	...	35
Rooms Disinfected		22	...	20	...	26	...	68
NEW DRAINAGE:—								
Number of Plans Passed ... ..		...	15	...	11	1	...	27
New Pipe Drains (feet) ... ..		...	760	...	680	...	...	1440
Houses where defects in existing Drainage have been detected and remedied		9	...	8	...	9	...	26
Food and Drugs Act.								
ADULTERATION.								
Samples collected for Analysis ...		19	...	21	...	34	...	74
Correspondence, Legal Procedure, &c.								
Complaints received		18	...	50	...	12	32	112
Letters and Intimations relating to Abatement of Nuisances		48	...	46	...	34	20	148
Statutory Notices Served... ..		6	...	7	...	7	...	20
Proceedings taken before Magistrates ...		...	...	1	...	...	...	1
Reports made to Medical Officer of Health		74	43	72	54	64	42	349

REGISTER OF SANITARY WORK

MONTH ENDING 31ST JANUARY, 1907.

PUBLIC HEALTH DEPARTMENT.

						Miss F. A. Baker.	Miss S. W. Limont.	Mr. R. Phillips,	Total.
Factory and Workshop Act.									
Enquiries as to Occupation	...	...	...	...	...	2	...	7	
Factories	...	...	...	...	...	...	...	...
Workshops	...	...	...	...	...	81	...	39	
Domestic Workshops	...	...	...	...	...	2	...	...
Outworkers' Premises	...	...	...	...	...	39	...	...
Restaurants, &c.	...	...	...	...	...	...	...	29	
Bakehouses	...	...	...	...	...	...	...	12	
Elementary Schools	...	...	...	...	...	...	3	...	
Phthisis cases (visits and re-visits)	...	...	...	...	...	...	57	...	
Birth Returns	...	...	...	...	...	40	136	...	
Public Health (London) Act	...	...	...	...	...	...	...	...
Smoke Shafts	...	...	...	...	...	...	...	10	
Offensive Trades	...	...	...	...	...	...	...	...
Enquiries <i>re</i> non-removal of Dust	...	...	...	...	...	...	...	...
Visits to works in progress	...	...	...	...	...	6	...	30	
Miscellaneous Inspections	...	...	...	...	...	101	13	28	
Complaints received	...	...	...	...	...	...	...	2	
Letters and Intimations	...	...	...	...	...	5	...	...
Statutory Notices, &c.	...	...	...	...	...	...	...	...
Proceedings taken before Magistrate	...	...	...	...	...	...	...	...
Reports made to M.O.H.	...	...	...	...	...	4	6	18	

THE
SANITARY CHRONICLES
BOROUGH OF ST. MARYLEBONE

DURING FEBRUARY, 1907,

BY ALEXANDER WYNTER BLYTH,

Medical Officer of Health and Analyst of Food and Drugs for
the Borough of St. Marylebone.

PRINTED BY ORDER OF THE COUNCIL.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., MARCH 8TH, 1907. No. 2.

The week ending February 9th was rainless. Minimum temperature, 29.0° ; maximum, 42.0° ; mean, 34.5° . Winds E. and N.E. Sunshine in Regent's Park 13 hours, which is equal to about 19.8%. Mean barometer 30.0 inches.

The week ending February 16th was showery. On five days more or less rain fell, the total fall equaling 0.64 inch. Winds variable. Minimum temperature, 31.0° ; maximum, 50.0° ; mean, 41.4° . Sunshine, 25.9%. Mean barometer, 29.6 inches.

The week ending February 23rd was drier but overcast. Minimum temperature, 24.0° ; maximum, 51.0° ; mean, 40.6° . On two days rain fell (0.29 inch). Mean barometer, 29.6 inches.

The week ending March 2nd was dull and often foggy. No rain fell. Minimum temperature, 25.0° ; maximum, 48.5° ; mean, 41.5° . Sunshine equal to 30%. Mean barometer, 30.2 inches.

Births and Deaths.

During the four weeks ending March 2nd, there have been registered 177 births, and 190 deaths. These births and deaths are divided among the four sub-districts as set forth in Tables IV. and V. Seventy-two of the deaths were extra-parochial as follows:—

St. Marylebone Infirmary, Notting Hill ..	..	47
Western Hospital ..	..	1
St. Mary's Hospital ..	..	6
Children's Hospital Paddington ..	..	2
University College Hospital ..	..	1
King's College Hospital ..	..	1
Victoria Hospital, Chelsea ..	..	1
Colney Hatch Asylum ..	..	2
Dartford Heath Asylum ..	..	1
Peckham House Asylum ..	..	1
Darenth Asylum ..	..	1
Tooting Bec Asylum ..	..	1
Cane Hill Asylum ..	..	1
St. Luke's House ..	..	1
St. Anne's Home, Stoke Newington ..	..	1
St. Pancras Infirmary ..	..	1
Paddington Workhouse ..	..	1
Other Addresses ..	..	2
Total		<u>72</u>

The birth and death-rates, as deduced from the four weeks' statistics are as follows:—

All Souls, birth-rate 11·9; death-rate 12·0.

St. Mary, birth-rate 13·3; death-rate 20·6.

Christ Church, birth-rate 27·5; death-rate 23·0.

St. John, birth-rate 18·7; death-rate 21·2.

The whole district, birth-rate 17·9; death-rate 19·2.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows:—All Souls, 17·6; St. Mary, 27·3; Christ Church, 19·5; St. John, 25·3; the whole district, 20·6.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FOUR WEEKS ENDING MARCH 2ND, 1907, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 4 weeks ending March 2nd, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending Mar. 2nd, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	10	53	1.01	2.21
2. Pulmonary, other than Phthisis	49	258	4.95	5.61
3. Tubercular	18	95	1.82	2.31

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhoea.
3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Spotted Fever.

Cerebro spinal meningitis (spotted fever) threatens to become epidemic in the Metropolis. Up to the present there have been one or two possible cases in the Borough, but not one of these has been diagnosed with certainty. It appears that in a large number of cases the symptoms are so similar to influenza and one or two other diseases that mistakes may easily be made; the only certain method of identification is a method of bacteriological examination. Since the malady is associated with a minute parasite it may with confidence be stated that it is "communicable," but how it is communicated from one person to another is obscure. It will now be the duty of the sanitary officers to enforce the same measures of isolation and disinfection as in the ordinary notifiable and infectious maladies.

No arrangement has been made with the Asylums Board with regard to cases of cerebro spinal meningitis but the general Hospitals have hitherto raised no difficulty in receiving suspected cases.

Disinfecting Apparatus.

About 11 years ago the then Vestry purchased and erected a large Goddard and Massey's steam disinfector, this has been in use every working day. The outer boiler is now entirely worn out and will have to be renewed or the whole apparatus may have to be replaced; over ten thousand separate articles are submitted to steam disinfection each year, so that it is absolutely necessary to be provided with apparatus of sufficient size and of high efficiency. For the moment the Borough of Hampstead is assisting by allowing the larger articles, which cannot be disinfected in our smaller supplementary disinfector, to be disinfected in their apparatus. Some years ago the Vestry of St. Marylebone, under similar circumstances, came to the aid of Hampstead in the matter of disinfection.

Home Work Regulation Bill.

The following report was submitted to the Public Health Committee, March 15th, and unanimously adopted:—

The Homework Regulation Bill, should it become law in its present state, will profoundly affect the general sanitary administration of the Factory Acts in this Borough.

No one of the numerous drapers, dressmakers, tailors, etc., in the district will be allowed to give any work to be finished or made outside their establishments save to a Certificated Outworker.

Those who wish to do work at home must have a certificate to the effect that the room they work in, is suitable from a sanitary standpoint for such work, and particularly that it is adequately ventilated, and such certificate would have to be renewed every six months. Before taking any work they will have to apply for this certificate, whereupon a Home Office Inspector, in course of time, will inspect the room and grant, or not grant the certificate, as the case may be.

The whole of the Act is to be carried out by Home Office Inspectors, and when one considers the immense number of persons in the dressmaking and tailoring trades that work at home, it is obvious that the Government will have to appoint quite an army of Inspectors to cope with the work. I consider that it is highly objectionable to ignore in this way the Sanitary Officers of the Local Authority. If the Bill is necessary, the provisions could be more economically carried out by the Officers of each Local Authority.

There is a perfect mania among some legislators for inspection and multiplying inspectors; at the present time besides a number of voluntary or outside inspectors connected with various societies, there are three different sets of statutory inspectors, viz., the Local Officers, the County Council Officers, and the Home Office Inspectors roaming about the district; the practical application of the Bill would enormously increase the latter class.

I trust, that in the interests of both employer and employed, the Committee will send a representation to the Parliamentary Committee suggesting that the Bill be opposed.

TABLE II.—Giving the Causes of Deaths during February, 1907, at the Middlesex Hospital, Queen Charlotte's Lying-in-Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

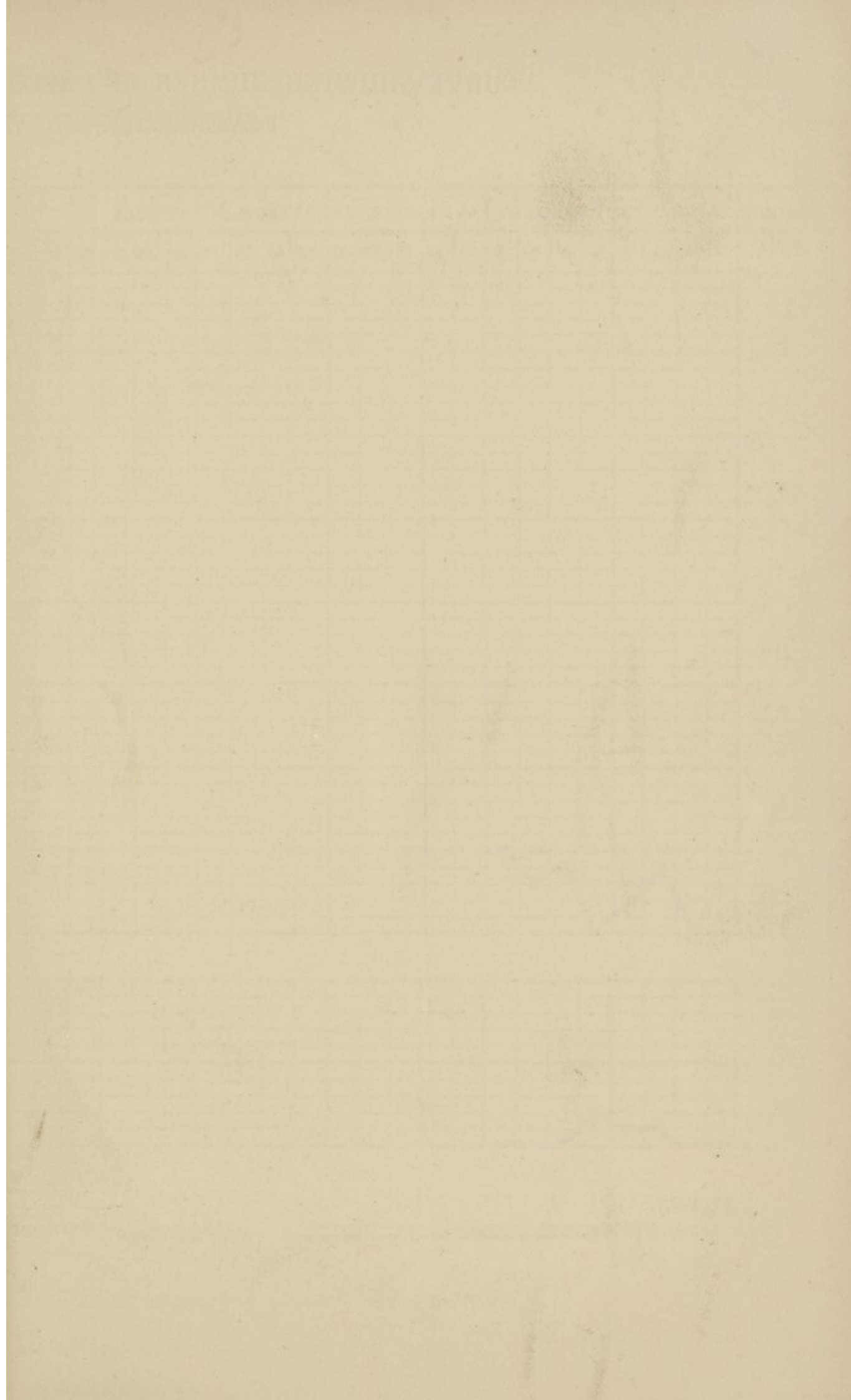
	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth, Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa .....	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy ..	..	1	..	..	2	..
Pyæmia .....	..	..	..	..	1	..
Syphilis .....	..	..	..	..	..	..
Cancer	13	..	..	..	3	1
Phthisis & Tuberculosis ..	6	..	..	..	8	1
Rheumatism .....	..	..	..	..	2	..
Apoplexy .....	..	..	..	..	1	..
Paralysis .....	..	..	..	..	2	..
Bronchitis	2	..	..	3	10	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
" Heart	2	..	..	..	3	..
" Kidney .....	..	..	..	..	2	..
" Liver.....	3	..	..	..	2	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition.....	..	..	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	2	..	..	..	2	..
Old Age.....	..	..	..	..	..	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	..	1	..	..	..
Other causes	16	..	..	2	9	..
Total	*44	†1	**1	5	47	***2

* Of the 44 deaths in the Middlesex Hospital, 41 were those of non-parishioners

† The death in Queen Charlotte's Hospital was that of a non-parishioner.

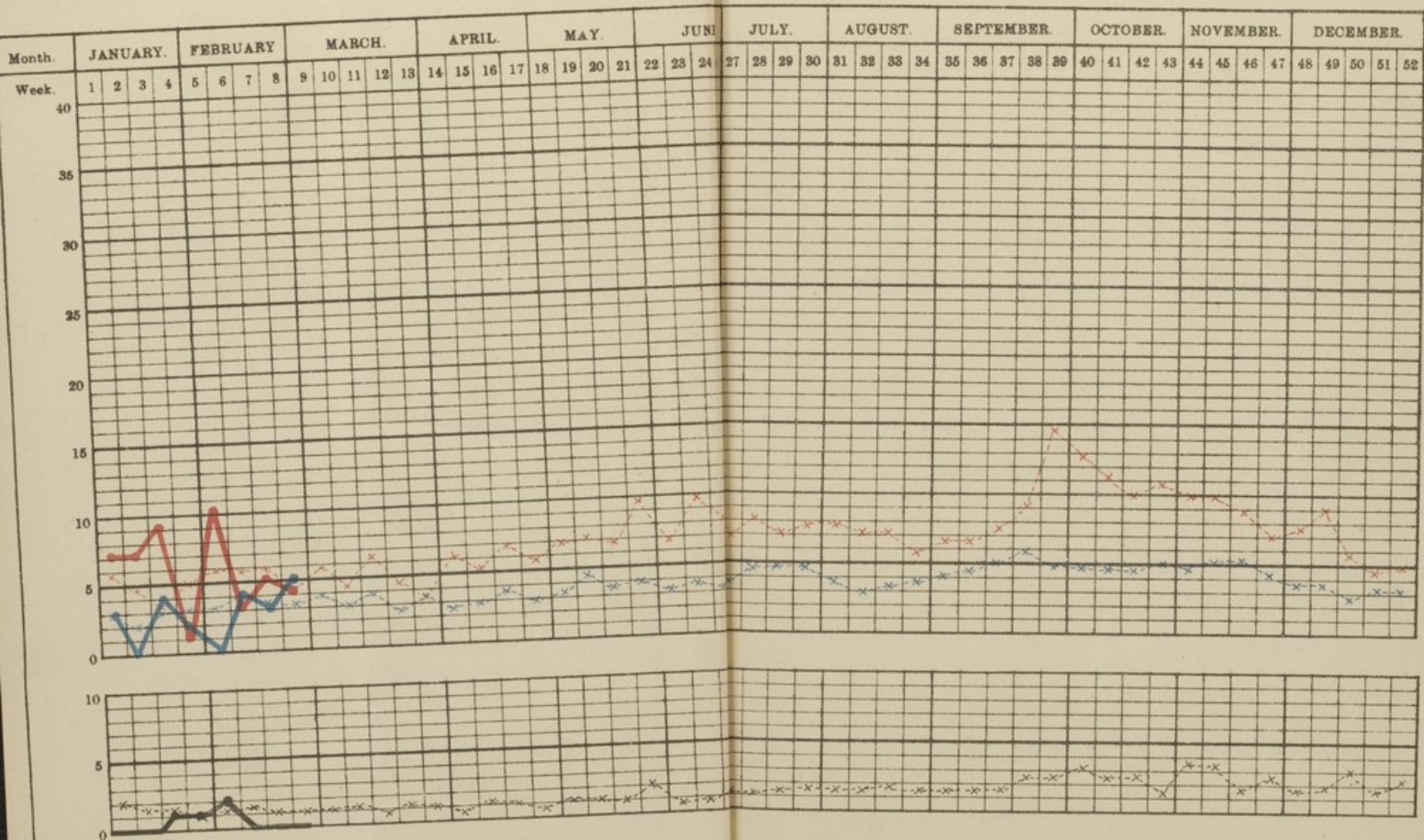
** The death in the Samaritan Hospital were that of a non-parishioner.

*** The 2 deaths in the Hospital of St. John's were those of non-parishioners.



FEBRUARY, 1907.

CURVE SHOWING NUMBER OF CASES OF SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER NOTIFIED WEEKLY DURING 1906.



NOTES:

Scarlet Fever. Diphtheria. Typhoid Fever.

of Scarlet Fever during 10 years ending 1906
 Diphtheria
 Typhoid Fever

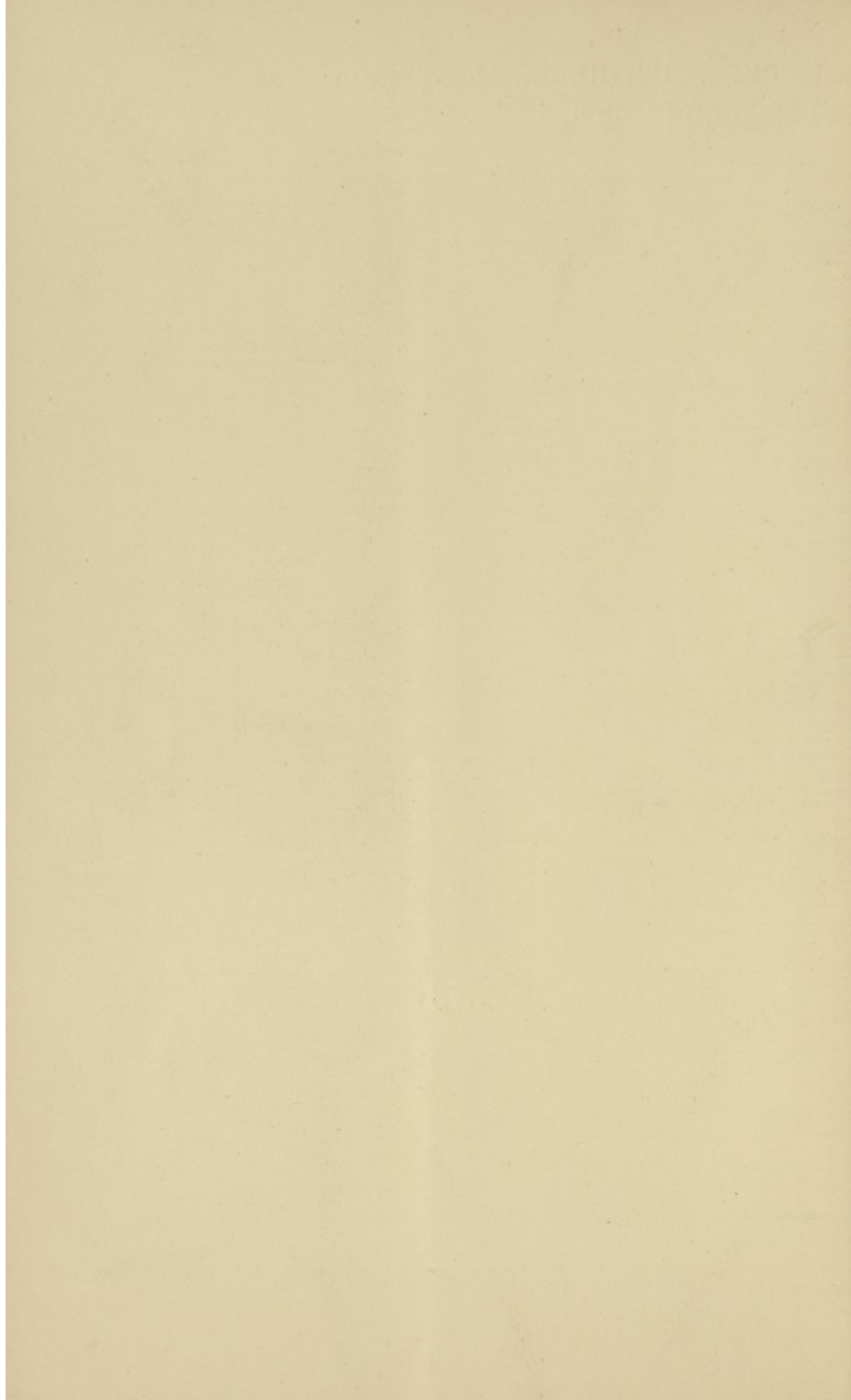


TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, *coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during February, 1907, classified according to DISEASES, AGES, AND LOCALITIES.*

(a)				ALL SOULS		ST. MARY ^b		CHRIST CHURCH		ST. JOHN		Totals					
POPULATION AT ALL AGES.	{																
	(b) Census 1901			35,391		37,948		39,536		20,426		133,361					
(c) Registered Births				31		38		79		29		177					
(d) Aged under 5 or over 5				Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards					
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				FEVERS.		1. Smallpox .. ..		.. ..		.. ..		.. ..		.. ..
						2. Scarlatina .. ..		.. ..		4 7		.. 2		2 1		6 10	
						3. Diphtheria		3 1		1 3		3 2		2 2		9 8	
						4. Membranous Croup.. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						5. Typhus .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						6. Enteric or Typhoid .. ..		.. 2		.. ..		.. ..		.. ..		.. 2	
						7. Continued .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						8. Relapsing .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						9. Puerperal .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						10. Cholera.. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						11. Erysipelas .. ..		.. 2		.. 5		1 6		.. ..		1 13	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				FEVERS.		1. Smallpox .. ..		.. ..		.. ..		.. ..		.. ..
						2. Scarlatina .. ..		.. ..		4 7		2 2		2 1		6 9	
						3. Diphtheria		3 1		1 3		2 2		2 2		8 7	
						4. Membranous Croup.. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						5. Typhus .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						6. Enteric or Typhoid .. ..		.. 2		.. ..		.. ..		.. ..		.. 2	
						7. Continued .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						8. Relapsing .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						9. Puerperal .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						10. Cholera .. ..		.. ..		.. ..		.. ..		.. ..		.. ..
						11. Erysipelas .. ..		.. ..		.. 1		.. 2		.. ..		.. 3	

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE
FOUR WEEKS ENDING MARCH 2ND, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	13	18	15	17
*St. Mary	37,948	22	16	32	27
Christ Church	39,536	39	40	35	31
St. John	20,426	16	13	13	20
Total	133,301	90	87	95	95

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE V.—Causes of, and Ages at, Death during the four weeks ending March 2nd, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	1	...	...	1	...	...	...	...	...	...	1	...
Whooping Cough ...	2	1	1	...	...	...	...	1	...	1	...	...
Diphtheria and Mem- branous Croup	1	...	1	...	...	...	...	...	...	...	1	...
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ...	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic influenza ...	3	...	...	...	...	1	2	2	...	...	1	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa ...	1	1	...	...	...	...	...	...	...	1	...	...
Enteritis ...	1	1	...	...	...	...	...	...	...	1	...	...
Puerperal fever ...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	1	...	...	...	...	1	...	...	1	...	...	1
Other Septic Diseases ...	2	1	...	...	...	...	1	...	...	...	2	1
Phthisis ...	15	...	...	...	...	11	4	2	8	5	...	12
Other Tubercular Diseases	3	2	...	...	...	1	...	1	1	1	...	6
Cancer, Malignant Disease	12	...	...	...	...	4	8	3	4	1	4	23
Bronchitis ...	32	3	2	...	...	11	16	6	5	16	5	11
Pneumonia ...	15	3	5	1	...	4	2	...	7	7	1	3
Pleurisy ...	1	...	...	...	...	1	...	...	...	1	...	...
Other Diseases of Respiratory Organs	1	...	...	...	...	...	1	1	...	...	...	...
Alcoholism Cirrhosis of Liver	5	...	...	...	...	5	...	1	1	2	1	7
Venereal Diseases ...	1	1	...	...	...	...	...	1	...	...	...	...
Premature Birth ...	4	4	...	...	...	...	...	...	1	3	...	2
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	1
Heart Diseases ...	19	...	...	...	...	11	8	3	8	5	3	6
Accidents ...	6	2	...	...	1	2	1	2	1	1	2	4
Suicides ...	1	...	...	...	...	1	...	...	...	...	1	...
All other causes...	63	14	...	...	3	20	26	9	22	21	11	46
All causes ...	190	33	9	2	4	73	69	32	59	66	33	123*

* 45 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 28TH FEBRUARY, 1907.

PUBLIC HEALTH DEPARTMENT.

				District Inspectors.						
				Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Total.
Public Health (London) Act.										
Inspections.	Dwelling Houses, &c.	...	...	48	...	25	...	30	...	103
	Tenements	...	...	46	...	45	...	48	...	139
	Underground Dwellings	...	...	8	...	10	...	12	...	30
	Dairies, Milk Shops, Cow Houses	...	...	25	...	26	...	25	...	76
	Slaughter Houses	...	...	4	...	...	...	...	...	4
	Yards, Stables, and Mews	...	...	36	...	35	...	37	...	108
	Smoke Shafts	...	...	...	...	...	...	...	...	...
	Offensive Trades and Effluvia Businesses	...	...	...	...	...	...	...	...	...
	Refuse Receptacles	...	...	8	...	6	...	7	18	39
	Enquiries re removal of refuse	...	...	...	...	...	...	...	235	235
	Removal of Bodies to Mortuary	...	...	...	...	1	...	...	...	1
	Visits to Works in progress	...	...	96	191	75	250	80	...	692
Miscellaneous Inspections	...	...	75	32	35	160	60	5	367	
UNWHOLESOME FOOD:—										
Number of seizures made				...	...	...	...	...	...	...
INFECTIOUS DISEASE:—										
Cases Isolated...				2	...	...	...	...	...	2
Cases Removed to Hospital				10	...	15	...	12	...	37
Rooms Disinfected				20	...	20	...	24	...	64
NEW DRAINAGE:—										
Number of Plans Passed				...	17	...	12	...	...	29
New Pipe Drains (feet)				...	1650	...	1020	...	...	2670
Houses where defects in existing Drainage have been detected and remedied				8	...	5	...	7	...	20
Food and Drugs Act.										
ADULTERATION.										
Samples collected for Analysis				25	...	26	...	50	...	101
Correspondence, Legal Procedure, &c.										
Complaints received				19	...	20	...	20	31	90
Letters and Intimations relating to Abatement of Nuisances				37	...	35	...	45	20	137
Statutory Notices Served...				7	...	6	...	3	...	16
Proceedings taken before Magistrates				...	...	3	...	1	...	4
Reports made to Medical Officer of Health				47	39	45	63	60	25	279

REGISTER OF SANITARY WORK
MONTH ENDING 28TH FEBRUARY, 1907.
PUBLIC HEALTH DEPARTMENT.

	Miss F. A. Baker.	Miss S. W. Limont.	Mr. R. Phillips,	Total.
Factory and Workshop Act.				
Enquiries as to Occupation	6	...	...	6
Factories ... ..	...	...	...	...
Workshops	76	...	10	86
Domestic Workshops... ..	...	...	...	...
Outworkers' Premises	9	...	...	9
Restaurants, &c. ... ..	...	...	29	29
Bakehouses ... ..	...	...	18	18
Elementary Schools ... ..	...	7	...	7
Phthisis cases ... ..	...	34	...	34
Birth Returns	40	116	...	156
Public Health (London) Act ... ..	...	...	...	...
Smoke Shafts ... ..	...	...	20	20
Offensive Trades ... ..	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	5	...	...	5
Miscellaneous Inspections	101	9	49	159
Complaints received	8	...	2	10
Letters and Intimations	5	3	...	8
Statutory Notices, &c. ... ..	...	...	...	...
Proceedings taken before Magistrate ... ..	...	...	...	...
Reports made to M.O.H.	10	4	25	39

REGISTER OF SANITARY WORK

MONTH ENDING 31st JANUARY, 1907

WILLIAM LITTLE, DISTRICT SANITARY OFFICER

No.	Name of Sanitary District	No. of Sanitary District	No. of Sanitary District	No. of Sanitary District
1	Sanitary District No. 1	1	1	1
2	Sanitary District No. 2	2	2	2
3	Sanitary District No. 3	3	3	3
4	Sanitary District No. 4	4	4	4
5	Sanitary District No. 5	5	5	5
6	Sanitary District No. 6	6	6	6
7	Sanitary District No. 7	7	7	7
8	Sanitary District No. 8	8	8	8
9	Sanitary District No. 9	9	9	9
10	Sanitary District No. 10	10	10	10
11	Sanitary District No. 11	11	11	11
12	Sanitary District No. 12	12	12	12
13	Sanitary District No. 13	13	13	13
14	Sanitary District No. 14	14	14	14
15	Sanitary District No. 15	15	15	15
16	Sanitary District No. 16	16	16	16
17	Sanitary District No. 17	17	17	17
18	Sanitary District No. 18	18	18	18
19	Sanitary District No. 19	19	19	19
20	Sanitary District No. 20	20	20	20
21	Sanitary District No. 21	21	21	21
22	Sanitary District No. 22	22	22	22
23	Sanitary District No. 23	23	23	23
24	Sanitary District No. 24	24	24	24
25	Sanitary District No. 25	25	25	25
26	Sanitary District No. 26	26	26	26
27	Sanitary District No. 27	27	27	27
28	Sanitary District No. 28	28	28	28
29	Sanitary District No. 29	29	29	29
30	Sanitary District No. 30	30	30	30
31	Sanitary District No. 31	31	31	31
32	Sanitary District No. 32	32	32	32
33	Sanitary District No. 33	33	33	33
34	Sanitary District No. 34	34	34	34
35	Sanitary District No. 35	35	35	35
36	Sanitary District No. 36	36	36	36
37	Sanitary District No. 37	37	37	37
38	Sanitary District No. 38	38	38	38
39	Sanitary District No. 39	39	39	39
40	Sanitary District No. 40	40	40	40
41	Sanitary District No. 41	41	41	41
42	Sanitary District No. 42	42	42	42
43	Sanitary District No. 43	43	43	43
44	Sanitary District No. 44	44	44	44
45	Sanitary District No. 45	45	45	45
46	Sanitary District No. 46	46	46	46
47	Sanitary District No. 47	47	47	47
48	Sanitary District No. 48	48	48	48
49	Sanitary District No. 49	49	49	49
50	Sanitary District No. 50	50	50	50
51	Sanitary District No. 51	51	51	51
52	Sanitary District No. 52	52	52	52
53	Sanitary District No. 53	53	53	53
54	Sanitary District No. 54	54	54	54
55	Sanitary District No. 55	55	55	55
56	Sanitary District No. 56	56	56	56
57	Sanitary District No. 57	57	57	57
58	Sanitary District No. 58	58	58	58
59	Sanitary District No. 59	59	59	59
60	Sanitary District No. 60	60	60	60
61	Sanitary District No. 61	61	61	61
62	Sanitary District No. 62	62	62	62
63	Sanitary District No. 63	63	63	63
64	Sanitary District No. 64	64	64	64
65	Sanitary District No. 65	65	65	65
66	Sanitary District No. 66	66	66	66
67	Sanitary District No. 67	67	67	67
68	Sanitary District No. 68	68	68	68
69	Sanitary District No. 69	69	69	69
70	Sanitary District No. 70	70	70	70
71	Sanitary District No. 71	71	71	71
72	Sanitary District No. 72	72	72	72
73	Sanitary District No. 73	73	73	73
74	Sanitary District No. 74	74	74	74
75	Sanitary District No. 75	75	75	75
76	Sanitary District No. 76	76	76	76
77	Sanitary District No. 77	77	77	77
78	Sanitary District No. 78	78	78	78
79	Sanitary District No. 79	79	79	79
80	Sanitary District No. 80	80	80	80
81	Sanitary District No. 81	81	81	81
82	Sanitary District No. 82	82	82	82
83	Sanitary District No. 83	83	83	83
84	Sanitary District No. 84	84	84	84
85	Sanitary District No. 85	85	85	85
86	Sanitary District No. 86	86	86	86
87	Sanitary District No. 87	87	87	87
88	Sanitary District No. 88	88	88	88
89	Sanitary District No. 89	89	89	89
90	Sanitary District No. 90	90	90	90
91	Sanitary District No. 91	91	91	91
92	Sanitary District No. 92	92	92	92
93	Sanitary District No. 93	93	93	93
94	Sanitary District No. 94	94	94	94
95	Sanitary District No. 95	95	95	95
96	Sanitary District No. 96	96	96	96
97	Sanitary District No. 97	97	97	97
98	Sanitary District No. 98	98	98	98
99	Sanitary District No. 99	99	99	99
100	Sanitary District No. 100	100	100	100



SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING MARCH, 1907,

Containing a Quarterly Summary of the Mortality Statistics for the Quarter ending March 30th, 1907, and the Quarterly Statement of Analytical Work done under the Sale of Food and Drugs Act, &c.

VOL. XXVIII. 3, UPPER GLOUCESTER PLACE, W., APRIL 10TH, 1907. No. 3.

The week ending March 9th was one of variable light winds. Minimum temperature, 30.5° ; maximum, 49.0° ; mean, 41.3° . On three days rain fell to the total amount of 0.32 inch. Sunshine 23.9 hours, equal to 32.7%. Mean barometer 30.3 inches.

The week ending March 16th was one of unsettled mild weather. Minimum temperature, 26.0° ; maximum, 52.8° ; mean, 44.1° . On five days rain fell to the total of 0.5 inch. The winds were mostly south-westerly. Sunshine was equal to 31.8%. Mean barometer, 29.9 inches.

The week ending March 23rd was generally fine and bright. Minimum temperature, 33.5° ; maximum, 59.0° ; mean, 48.6° . On three days rain fell the total amount being equal to 0.12 inch. Winds westerly. Sunshine equal to 60.6%. Mean barometer, 30.0 inches.

The week ending March 30th was quite exceptional in temperature. With a minimum of 41.5° the maximum attained was the summer temperature of 66.0° ; the mean being 49.6° . No rain fell. Winds S.E. and S.S.E., very light. In many parts of the country the sunshine coincided almost with the hours that the sun was above the horizon, but morning mists interfered with the London records and the sunshine registered in Regent's Park, amounted to 28.96 hours out of a possible 87.5, in other words, the sunshine was only equal to 33%. Mean barometer, 30.0 inches.

Births and Deaths.

During the four weeks ending March 30th, there have been registered 208 births and 194 deaths—equal to a birth-rate of 21·0 and a death-rate of 19·6 per thousand. The mean death-rate for the corresponding period during the previous ten years was 21·6 per thousand.

QUARTERLY SUMMARY.

During the March quarter there have been registered 667 births and 640 deaths. These births and deaths are divided among the four sub-districts as set forth in Table V. Two-hundred-and-forty-eight of the deaths were extra-parochial as follows:—

St. Marylebone Infirmary, Notting Hill	161
Western Hospital	3
St. Mary's Hospital	19
St. Thomas Hospital	1
Children's Hospital, Paddington	6
University College Hospital	7
King's College Hospital	1
St. Bartholomew's Hospital	1
St. George's Hospital	1
Italian Hospital	1
French Hospital	1
Home Hospital, Fitzroy Square	1
Royal Hospital, Waterloo Road	1
Victoria Hospital, Chelsea	1
Royal Hospital for Incurables	1
Hanwell Asylum	5
Colney Hatch Asylum	5
Darenth Asylum	3
Banstead Asylum	2
Tooting Bec Asylum	2
Leavesden Asylum	3
Dartford Heath Asylum	1
Caterham Asylum	1
Claybury Asylum	2
Cane Hill Asylum	1
Hoxton Asylum	1
Peckham House Asylum	1
St. Luke's Home	3
St. Joseph's Home, Kensington	3
St. Peter's Home, Kensington	1
St. Anne's Home, Stoke Newington	1
St. Pancras Infirmary	1
Paddington Workhouse	1
Friedenheim	1
Other Addresses	4

Total 248

The birth and death-rates, as deduced from the three month's statistics are as follows :—

All Souls, birth-rate 17·0 ; death-rate 15·5.

St. Mary, birth-rate 15·9 ; death-rate 18·7.

Christ Church, birth-rate 28·9 ; death-rate 24·5.

St. John, birth-rate 20·8 ; death-rate 21·0.

The whole district, birth-rate 20·7 ; death-rate 19·9.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows :—All Souls, 16·6 ; St. Mary, 22·0 ; Christ Church, 19·3 ; St. John, 25·1 ; the whole district, 20·4.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE THIRTEEN WEEKS ENDING MARCH 30TH, 1907, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES :—

	Total Deaths. — 13 weeks ending March 30th, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending Mar. 30, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	44	69	1·37	2·21
2. Pulmonary, other than Phthisis	170	265	5·29	5·48
3. Tubercular	70	109	2·18	2·66

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhoea.

. Includes Phthisis, Scrofula, Rickets, and Tabes.

Prosecutions under the Public Health (London) Act.

Charles Joyce, a foreman, employed by Messrs. Shoolbred, was summoned for executing sanitary work without notice and without the deposition of plans, at 117, Park Road, and fined 5s. and costs.

A tenant, named Foxman, at 122, Marylebone Road, refused admission to the owners' workmen, who in compliance with a requisition by the Local Authority desired to construct a new drain throughout the premises. The Magistrate granted an order for the admission of the workmen. The order was obeyed.

The Solicitors applied for a warrant against the same tenant's, wife, and another female lodger because they would not allow the house refuse, which had accumulated, to be removed through the front passage. The Magistrate declined to grant a warrant on the ground that the dustmen had been admitted, and the Act only provided for refusal to admit.

Health of the District during the March Quarter.

The first quarter of the year is usually one of considerable sickness and mortality, for the true winter of late years appears to be concentrated in January and February rather than in November and December. The March quarter of 1907 was a little under the average in death-rate. No special epidemic has to be recorded, spotted fever threatened, but no genuine case was notified. The advent of chicken-pox suggested the possible incidence of its allied and more serious congener—small-pox, but although a local paper reported that a death had occurred in Lisson Grove of this malady, the report was erroneous, the case being that of a child dying from measles and pneumonia.

The ten years average death-rate from the more communicable diseases for the three months in question is a little over 2 per thousand of the population, the record for this quarter is well under two. Scarlet fever rose and fell in a somewhat curious fashion, as shown by the curve opposite page 32. During the first three weeks of January, the first week of February, and the last three weeks of March, it was distinctly above the average, but the remaining four weeks below the average. Diphtheria

generally, save in the eleventh week of the year, was below the average. The general result of all the above observations is, that the first quarter of 1907 has been an average one of sickness and death.

The Sale of Food and Drugs Acts (Table II.)

The large number of 254 samples has been examined and analysed during the quarter. Of these, 23 samples of milk, 2 samples of butter, 1 sample of coffee, and a sample of tinned rabbit were returned as adulterated. Most of the vendors were prosecuted and convicted.

The tin of curried rabbit was evidently from an old stock; the inside of the tin was much discoloured, the contents dirty. Boric acid was present in the proportion of 17·4 grains per lb. Much iron, but no tin, could be detected. The vendor destroyed the remainder of the stock, which was very small.

Out of the 35 butters, 6 samples contained 37 per cent. of boric acid.

The samples of sardines, salmon and pineapple were all good and contained no preservatives.

Two of the samples of sugar were coloured by a minute quantity of aniline dye. It is wholly unnecessary to dye sugar. A prosecution under the Sale of Food and Drugs Acts was some years ago undertaken by the Vestry for selling similar sugar. The prosecution failed, showing the necessity of prohibiting the colouring of sugar by statute.

Thomas Williams, of 94, Devonshire Street, was summoned for selling milk deficient in milk fat to the extent of 13·4 per cent., and fined 10s. and 12s. 6d. costs.

Philip Lane, of 25, William Street, Lisson Grove, was fined £2 and 12s. 6d. costs for selling milk deficient in milk fat to the extent of 33 per cent., and containing added water to the extent of 23·9 per cent.

George Lord, of 61, Lisson Street, was fined £2 and 12s. 6d. costs for selling milk deficient in milk fat 24·7 per cent.

James Hall, of 69, Marylebone Lane, was fined £5 and 12s. 6d. costs for selling milk deficient in milk fat to the extent of 6·7 per cent. and containing added water to the extent of 29·9 per cent. The same defendant was fined £5 and 12s. 6d. costs for selling a coffee mixture as coffee which contained 35 per cent. of chicory.

W. E. Banks, of 17A, Upper Marylebone Street was fined 10s. and 12s. 6d. costs for selling margarine as butter.

Charles Staples, of 55, Great Titchfield Street, was fined £2 and 12s. 6d. costs for a similar offence.

William Stacey, of 3, Harcourt Street, was fined 2s. 6d. and 12s. 6d. costs for selling skim milk diluted with 16 per cent. of water.

The case against a vendor who was summoned for selling milk diluted with 15·7 per cent. of water and deficient in milk fat to the extent of 18 per cent. was dismissed, owing to a technical error in the wording of the summons.

John Thomas, of 30, Earl Street, was fined £1 and 12s. 6d. costs for selling milk deficient in milk fat 16·7 per cent., and diluted with 12 per cent. water.

The Park Tea Co., of 21, York Place, was summoned for selling milk deficient in milk fat to the extent of 6·67 per cent. and diluted with 10·7 per cent. of water, and fined 10s. and 12s. 6d. costs.

TABLE II.—SALE OF FOOD AND DRUGS ACTS.
 SAMPLES ANALYSED DURING MARCH QUARTER, 1907.

					Genuine.	Adulterated.	Total.
DAIRY PRODUCTS—							
Milk	...	..	..	..	178	23	201
Butter	...	..	...	..	35	2	37
Lard	..	..	..	..	1	—	1
ALCOHOLIC BEVERAGES—							
Champagne	..	..	..	..	1	—	1
NON-ALCOHOLIC BEVERAGES—							
Tea	..	..	..	..	1		1
Coffee	..	..	..	..	—	1	1
SACCHARINE SUBSTANCES—							
Sugar	..	..	..	..	3	—	3
TINNED GOODS—							
Curried Rabbit	..	..	..	..	—	1	1
Sardines	..	..	..	..	3	—	3
Salmon	..	..	..	..	1	—	1
Pineapple	..	..	..	..	1	—	1
MISCELLANEOUS—							
Fish Oil	..	..	..	..	2	—	2
Chutney	..	..	..	..	1	—	1
					227	27	254

TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during March, 1907, classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH		ST. JOHN		Totals		
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		133,361		
	(c) Registered Births			40		53		87		28		208		
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. ..	..	..	..	..	..	..	..	..	..
				2. Scarlatina	1	6	5	7	2	3	1	7	9	23
				3. Diphtheria	1	2	1	4	2	5	..	..	4	11
				4. Membranous Croup.. ..	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. ..	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. ..	..	..	..	..	..	..	..	..	..	..
				7. Continued .. ..	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. ..	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. ..	..	..	..	..	..	..	..	..	..	..
				10. Cholera.. ..	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. ..	..	1	1	4	..	1	..	1	1	7
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				1. Smallpox .. ..	..	..	..	..	..	..	..	..	..
				2. Scarlatina	1	6	5	7	2	2	1	6	9	21
				3. Diphtheria	1	2	1	4	2	5	..	..	4	11
				4. Membranous Croup.. ..	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. ..	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. ..	..	..	..	..	..	..	..	..	..	..
				7. Continued .. ..	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. ..	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. ..	..	..	..	..	..	..	..	..	..	..
				10. Cholera .. ..	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. ..	..	..	..	1	..	..	..	..	..	1

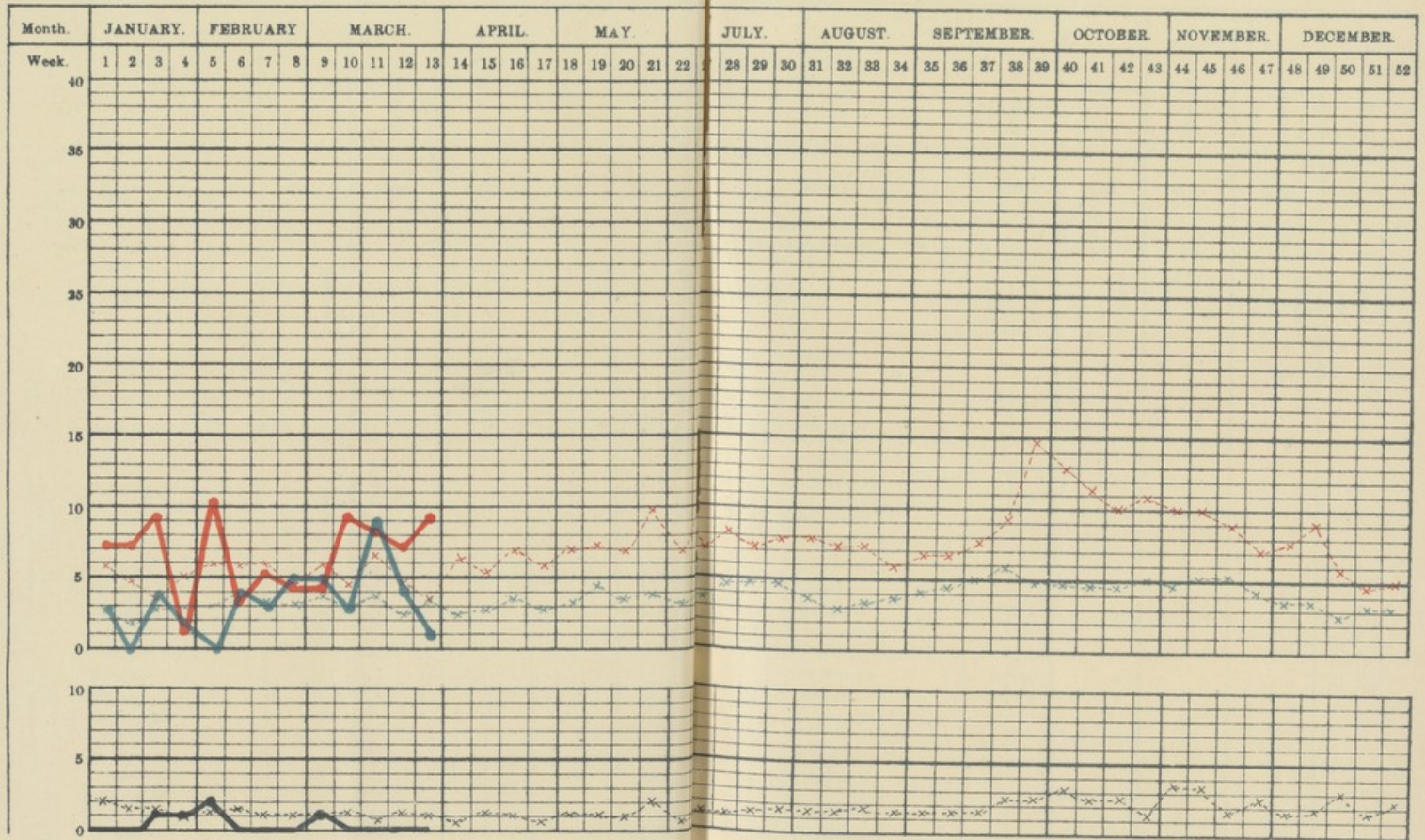
*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

CHURCH SHOWS A NUMBER OF CASES
IN THE FOLLOWING



MAR 07.

CURVE SHOWING NUMBER OF CASES OF FEVER, DIPHTHERIA, AND TYPHOID FEVER NOTIFIED WEEK DURING 1906.



NOTES:

—●— Scarlet Fever.
 —●— Diphtheria.
 —●— Typhoid Fever.

- - - x - - - of Scarlet Fever during 10 years ending 1906
- - - x - - - " Diphtheria " " "
- - - x - - - " Typhoid Fever " " "

AT THE DISTRICT COURT OF THE DISTRICT OF COLUMBIA
IN AND FOR THE DISTRICT OF COLUMBIA

TABLE IV.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during the March quarter, 1907; classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH		ST. JOHN		Totals			
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		[138,301			
	(c) Registered Births			144		148		270		105		667			
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards		
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. .. .		..	..	..	..	..	..	..	..
				2. Scarlatina		3	13	10	24	7	8	4	13	24	58
				3. Diphtheria		4	5	3	8	5	9	3	3	15	25
				4. Membranous Croup .. .. .		..	..	..	..	..	..	..	..	..	..
				5. Typhus .. .. .		..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. .. .		..	4	..	1	..	2	..	..	..	7
				7. Continued .. .. .		..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. .. .		..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. .. .		..	1	..	1	..	..	..	..	..	2
				10. Cholera .. .. .		..	..	..	..	..	..	..	..	..	..
				11. Erysipelas. .. .. .		..	4	1	15	4	16	..	..	5	35
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				1. Smallpox .. .. .		..	..	..	..	..	..	..	..
				2. Scarlatina		2	13	9	17	7	7	4	10	22	47
				3. Diphtheria		4	5	3	8	4	9	3	2	14	24
				4. Membranous Croup .. .. .		..	..	..	..	..	..	..	..	..	..
				5. Typhus .. .. .		..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. .. .		..	4	..	1	..	2	..	..	..	7
				7. Continued .. .. .		..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. .. .		..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. .. .		..	..	..	..	..	..	..	..	..	..
				10. Cholera .. .. .		..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. .. .		..	..	..	6	..	3	..	..	..	9

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

TABLE V.—DISTRICT BIRTHS AND DEATHS FOR THE
FOUR WEEKS ENDING MARCH 30TH, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	24	16	24	22
*St. Mary.....	37,948	33	20	28	20
Christ Church	39,536	41	46	38	31
St. John.....	20,426	17	11	14	17
Total	133,301	115	93	104	90

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE VI.—DISTRICT BIRTHS AND DEATHS FOR THE
THIRTEEN WEEKS ENDING MARCH 30TH, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	70	74	63	68
*St. Mary	37,948	84	64	91	83
Christ Church	39,536	129	141	127	102
St. John	20,426	53	52	45	61
Total	133,301	336	331	326	314

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE VII.—Giving the Causes of Deaths during the March Quarter 1907, at the Middlesex Hospital, Queen Charlotte's Lying-in-Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital	Samaritan Hospital	Workhouse	Notting Hill Infirmary	Hospital of St. John & Elizabeth, Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria	1	..	..	..	1	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhoea .....	..	..	..	..	2	..
Erysipelas .....	..	..	..	..	5	..
Pneumonia and Pleurisy	5	3	..	..	1	..
Pyæmia .....	..	..	..	..	..	..
Syphilis	1	..	..	..	..	..
Cancer	38	..	2	..	14	2
Phthisis & Tuberculosis	11	..	..	..	30	2
Rheumatism .....	..	..	..	..	5	..
Apoplexy .....	..	..	..	..	3	..
Paralysis .....	..	..	..	..	2	..
Bronchitis	5	..	..	7	49	..
Asthma .....	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
" Heart	7	..	1	1	8	..
" Kidney .....	..	..	..	..	2	..
" Liver	3	..	..	1	3	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition .....	..	..	..	..	..	..
Diabetes .....	..	..	..	..	..	..
Fractures and Injuries ..	6	..	..	..	3	..
Old Age .....	..	..	..	..	11	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	2	1	..	..	..
Other causes	36	2	..	9	32	3
Total	*113	†7	**4	18	171	***7

* Of the 113 deaths in the Middlesex Hospital, 98 were those of non-parishioners.

† Five of the 7 deaths in Queen Charlotte's Hospital were those of non-parishioners.

** The 4 deaths in the Samaritan Hospital were those of non-parishioners.

*** The 6 of the 7 deaths in the Hospital of St. John's were those of non-parishioners.

TABLE VIII.—Causes of, and Ages at, Death during the four weeks ending March 30th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	1	...	1	...	...	...	...	...	1	...	...	1
Whooping Cough	2	...	1	1	...	...	...	1	...	1	...	...
Diphtheria and Mem- branous Croup	1	...	1	...	...	...	...	...	1	...	...	2
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic influenza	6	...	...	1	...	2	3	2	2	2	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	1	...	...	...	...	1	...	1	...	...	...	1
Other Septic Diseases	5	...	...	...	2	2	1	2	1	2	...	4
Phthisis	19	...	2	1	1	12	3	5	1	6	7	14
Other Tubercular Diseases	6	1	...	...	1	4	...	1	1	4	...	4
Cancer, Malignant Disease	12	...	...	...	...	10	2	6	4	...	2	18
Bronchitis	31	2	...	...	...	11	18	5	14	10	2	14
Pneumonia	15	5	3	1	...	6	...	3	4	7	1	9
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	2	...	1	...	...	...	1	...	...	2	...	...
Alcoholism	4	...	...	...	...	4	...	1	1	1	1	3
Cirrhosis of Liver } ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Venereal Diseases	1	1	...	...	...	...	...	...	...	1	...	2
Premature Birth	3	3	...	...	...	...	...	...	1	2	...	...
Diseases and Accidents of Parturition ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases	20	...	...	...	...	15	5	7	4	6	3	14
Accidents	7	1	...	1	1	2	2	2	2	2	1	4
Suicides ... ..	...	...	...	...	...	...	...	...	...	...	...	...
All other causes... ..	58	10	...	...	4	21	23	10	11	23	14	42
All causes	194	23	9	5	9	90	58	46	48	69	31	132*

* 31 of these were Non-Parishioners.

TABLE IX.—Causes of, and Ages at, Death during the thirteen weeks ending March 30th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	3	...	1	1	...	1	...	...	2	...	1	1
Whooping Cough	5	1	3	1	...	...	...	2	...	3	...	...
Diphtheria and Membranous Croup	4	...	2	1	...	1	...	1	1	1	1	4
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
{ Enteric	1	...	...	...	...	1	...	...	...	1	...	...
{ Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza	21	...	2	2	...	8	9	6	4	6	5	1
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	1	1	...	...	...	...	...	...	...	1	...	...
Enteritis	3	3	...	...	...	...	...	...	...	2	1	...
Puerperal Fever	2	...	...	...	...	2	...	1	1	...	...	...
Erysipelas	4	1	...	...	...	3	...	2	1	1	...	3
Other Septic Diseases... ..	7	1	...	...	2	2	2	2	1	2	2	5
Phthisis	45	...	2	1	1	44	7	13	14	18	10	41
Other Tubercular Diseases	15	4	...	...	2	8	1	2	4	8	1	12
Cancer, Malignant Disease	40	...	...	...	...	21	19	13	15	6	6	68
Bronchitis	123	12	4	...	...	39	63	24	34	47	18	57
Pneumonia	43	15	11	2	1	11	3	6	13	20	4	17
Pleurisy	1	...	...	...	...	1	...	...	...	1	...	...
Other Diseases of Respiratory Organs	3	...	1	...	...	...	2	1	...	2	...	...
Alcoholism } Cirrhosis of Liver }	10	...	...	...	...	10	...	2	3	3	2	10
Venereal Diseases	2	2	...	...	...	...	...	1	...	1	...	3
Premature Birth	14	14	...	...	...	...	...	1	3	8	2	4
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	1
Heart Diseases	56	...	...	...	...	34	22	16	16	16	8	25
Accidents... ..	20	5	...	1	2	6	6	5	5	5	5	12
Suicides	1	...	...	...	...	1	...	...	...	...	1	...
All other causes... ..	206	33	5	2	7	67	92	33	57	77	39	139
All causes	640	92	31	11	15	260	231	131	174	229	106	403*

*111 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 31ST MARCH, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.						
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Total.
Public Health (London) Act.								
Inspections.	Dwelling Houses, &c.	45	...	35	...	38	...	118
	Tenements	39	...	49	...	40	...	128
	Underground Dwellings	12	...	15	...	10	...	37
	Dairies, Milk Shops, Cow Houses	26	...	24	...	20	...	70
	Slaughter Houses	6	...	...	...	...	...	6
	Yards, Stables, and Mews	39	...	35	...	40	...	114
	Smoke Shafts	6	2	5	...	47	7	67
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...
	Refuse Receptacles	8	...	6	...	7	20	41
	Enquiries <i>re</i> removal of refuse ...	...	...	...	...	...	...	...
	Removal of Bodies to Mortuary ...	1	...	...	...	...	...	1
	Visits to Works in progress	97	202	95	260	98	...	752
Miscellaneous Inspections	65	23	45	170	47	5	355	
UNWHOLESOME FOOD:—								
Number of seizures made ... ..		...	...	...	...	...	...	...
INFECTIOUS DISEASE:—								
Cases Isolated... ..		2	...	1	...	...	...	3
Cases Removed to Hospital		17	...	15	...	21	...	53
Rooms Disinfected		23	...	16	...	34	...	73
NEW DRAINAGE:—								
Number of Plans Passed ... ..		...	8	...	13	...	...	21
New Pipe Drains (feet) ... ..		...	786	...	967	...	...	1,753
Houses where defects in existing Drainage have been detected and remedied		8	...	6	...	7	...	21
Food and Drugs Act.								
ADULTERATION.								
Samples collected for Analysis ...		24	...	26	...	29	...	79
Correspondence, Legal Procedure, &c.								
Complaints received		40	...	37	...	23	34	134
Letters and Intimations relating to Abatement of Nuisances		44	...	50	...	45	10	149
Statutory Notices Served... ..		4	...	3	...	2	...	9
Proceedings taken before Magistrates ...		2	...	2	...	4	...	8
Reports made to Medical Officer of Health		65	48	57	63	60	23	316

REGISTER OF SANITARY WORK

MONTH ENDING 31ST MARCH, 1907.

PUBLIC HEALTH DEPARTMENT.

	Miss F. A. Baker.	Miss S. W. Limont.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation	1	...	29	30
Factories	2	...	1	3
Workshops	77	...	48	125
Domestic Workshops...	...	...	...	...
Outworkers' Premises	12	...	...	12
Restaurants, &c. ... ..	...	...	56	56
Bakehouses ... ..	...	...	38	38
Elementary Schools ... ..	...	4	...	4
Phthisis cases ... ..	...	39	...	39
Birth Returns	28	145	...	173
Public Health (London) Act ... ..	...	...	...	...
Smoke Shafts ... ..	...	...	36	36
Offensive Trades ... ..	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	6	...	9	15
Miscellaneous Inspections	80	21	...	101
Complaints received	7	1	4	12
Letters and Intimations	1	2	...	3
Statutory Notices, &c. ... ..	...	...	...	...
Proceedings taken before Magistrate ... ..	...	...	...	...
Reports made to M.O.H.	6	4	18	28



SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING APRIL, 1907,

BY ALEXANDER WYNTER BLYTH.

Medical Officer of Health and Analyst of Food and Drugs
for the Borough of St. Marylebone.

PRINTED BY ORDER OF THE COUNCIL.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., MAY 9TH, 1907. No. 4.

The week ending April 6th, was fine. Minimum temperature, 36.2° ; maximum, 69.4° ; mean, 51.3° . On two days slight rain fell (0.02 inch). The winds were variable. Sunshine 38.2%. Mean barometer 29.2 inches.

The week ending April 13th was mild and wet. Minimum temperature, 33.0° ; maximum, 59.0° ; mean, 42.8° . On five days rain fell giving a total yield of 1.31 inch. Sunshine 15.4%. Winds S.S.W. and E.N.E. Mean barometer, 29.5 inches.

The week ending April 20th was fairly dry and seasonable. Minimum temperature, 33.0° ; maximum, 60.4° ; mean, 46.1° . On three days rain fell 0.01 inch. The winds were N.N.E. and variable. Sunshine 25.8%. Mean barometer, 29.7 inches.

The week ending April 27th was unsettled. Minimum temperature 34.8° ; maximum 71.2° ; mean 51.2° . On four days rain fell to the amount of 1.24 inch. Winds variable. Sunshine 23.9%. Mean barometer, 30.1 inches.

The week ending May 4th was one of unsettled weather. Minimum temperature, 33.5° ; maximum, 60.4° ; mean temperature, 46.0° . On three days heavy rain fell (0.59 inch). Winds, N.W. Sunshine 40%. Mean barometer 29.6 inches.

Births and Deaths.

During the five weeks ending May 4th, there have been registered 247 births and 198 deaths. These births and deaths are divided among the four sub-districts as set forth in Tables IV and V. Seventy of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary	..	..	..	42
St. Mary's Hospital	..	..	..	5
Western Fever Hospital	..	..	..	1
North Western Hospital	..	..	..	2
South Wharf (Metropolitan Asylums Board)	..	..	..	1
Children's Hospital, Paddington Green	..	..	..	1
University College Hospital	..	..	..	3
Royal Free Hospital	..	..	..	1
Great Northern Hospital	..	..	..	1
German Hospital	..	..	..	1
Hanwell Asylum..	..	..	..	2
Banstead Asylum	..	..	..	2
Claybury Asylum	..	..	..	1
Caterham Asylum	..	..	..	1
Leavesden Asylum	..	..	..	1
Bethnal House Asylum	..	..	..	1
Holborn Workhouse	..	..	..	1
St. Pancras Infirmary	..	..	..	1
St. Joseph's House, Kensington	..	..	..	1
Other Addresses ..	..	..	..	1
Total				70

The birth and death-rates, as deduced from the five weeks' statistics are as follows :—

All Souls, birth-rate 12·7 ; death-rate 13·5.

St. Mary, birth-rate 17·3 ; death-rate 13·7.

Christ Church, birth-rate 30·3 ; death-rate 19·2.

St. John, birth-rate 20·1 ; death-rate 19·6.

The whole district, birth-rate 20·7 ; death-rate 16·0.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows :—All Souls, 14·0 ; St. Mary, 17·6 ; Christ Church, 17·0 ; St. John, 22·8 ; the whole district, 17·3.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FIVE WEEKS
ENDING MAY 4TH, 1907, FROM CERTAIN CLASSES OF DISEASE AND
PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 5 weeks ending May 4th, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending May 4, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	17	86	1·37	1·80
2. Pulmonary, other than Phthisis	49	247	3·96	4·19
3. Tubercular	17	86	1·37	2·16

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhœa.

3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Health of the District during the Month of April.

The health of the district has been above the average ; there have been fewer cases of infectious maladies, fewer chest complaints, and a smaller number of deaths than the average of ten previous corresponding months.

A single case of small-pox occurred during the month ; a person who had been in close contact with a case of small-pox in another district also came to live in Marylebone. There has been no extension of the malady.

Spotted Fever.

Throughout the County of London during the month of March 42 cases of supposed cerebro spinal meningitis were notified, and 16 in April ; hence the disease is obviously less prevalent. Of the total 58 cases, 24 were undoubtedly

true cases, for the diagnosis was confirmed by bacteriological observation ; 3 cases were certainly not true cases, and the remaining 24 were probably true cases, but the diagnosis was not confirmed by bacteriological observations.

Two children in different parts of St. Marylebone, the one aged 9, the other 6, have suffered from the malady ; in neither case has there been any spread.

Florists and the Factory Acts.

The Factory and Workshop Act of 1901, sect. 149, applies the Act to any premises in which any manual labour is exercised by way of trade, or for purposes of gain in or incidental to any of the following purposes, namely :

- (1) The making of any article or part of any article.
- (2) The altering, repairing, ornamenting or finishing of any article, or
- (3) The adapting for sale of any article.

These provisions have lately not been applied to Florists' establishments, for one of the stipendiary magistrates decided that as flowers were a natural and not a manufactured article, they did not come under the Act ; this decision has now been appealed against,* and it has been definitely laid down by the High Court that the preparing of a natural article for sale is included in the definitions of the Factory Acts.

This decision will affect at least eight Florists' establishments in the Borough.

Query. At Oxford Circus and similar standing places where Flower-sellers congregate they are to be seen daily arranging and re-arranging their flowers, or making up flowers for the buttonhole. Do such localities become " Work-places ? "

*Hoare v. Green.

TABLE II.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during April, 1907, classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY†		CHRIST CHURCH		ST. JOHN		Totals			
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		133,361			
	(c) Registered Births			41		62		105		39		247			
(d) Aged under 5 or over 5				Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards			
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. .. .		.. .. .		1 .. .. .		.. .. .		1			
				2. Scarlatina		2		1 7		2 2		5 5		16 6	
				3. Diphtheria .. .. .		.. 2 .. .. .		.. 1		2 .. 1 3		3 3		6	
				4. Membranous Croup.. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				5. Typhus .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				6. Enteric or Typhoid .. .. .		.. .. .		.. 1 .. .. .		.. .. .		.. .. .		1	
				7. Continued .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				8. Relapsing .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				9. Puerperal .. .. .		.. 1 .. .. .		.. .. .		.. .. .		.. .. .		1	
				10. Cholera.. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				11. Erysipelas .. .. .		.. 2 .. .. .		.. 2 .. .. .		.. 4 .. .. .		.. 2		†10	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.				1. Smallpox .. .. .		.. .. .		1 .. .. .		.. .. .		1			
				2. Scarlatina		2		1 7		2 2		5 5		16	
				3. Diphtheria .. .. .		.. 1 .. .. .		.. .. .		2 .. 1 3		3 3		4	
				4. Membranous Croup.. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				5. Typhus .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				6. Enteric or Typhoid .. .. .		.. .. .		.. 1 .. .. .		.. .. .		.. .. .		.. .. .
				7. Continued .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				8. Relapsing .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				9 Puerperal .. .. .		.. 1 .. .. .		.. .. .		.. .. .		.. .. .		1	
				10. Cholera .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				11. Erysipelas .. .. .		.. .. .		.. 1 .. .. .		.. .. .		.. .. .		1	

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

† To these notifications should be added that of a child, aged 9, admitted into Hospital from Christ Church District, certified to be suffering from Cerebro-Spinal Meningitis.

TABLE III.—Giving the Causes of Deaths during April, 1907, at Middlesex Hospital, Queen Charlotte's Lying-in Hospital, the Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth. Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhoea .....	..	..	..	..	..	..
Erysipelas	1	..	..	..	..	..
Pneumonia and Pleurisy	6	..	..	..	4	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	1	..	..	..	..
Cancer	11	1	..	..	7	..
Phthisis & Tuberculosis	1	..	..	..	2	1
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	4	..
Paralysis .....	..	..	..	..	3	..
Bronchitis .....	..	..	..	1	7	..
Asthma .....	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
" Heart	2	..	..	1	1	1
" Kidney .....	..	..	..	..	..	..
" Liver	1	..	..	..	..	1
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition .....	..	..	..	..	..	..
Diabetes .....	..	..	..	..	..	..
Fractures and Injuries ..	1	..	..	..	3	..
Old Age .....	..	..	..	..	7	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	..	..	..	..	..
Other causes	13	3	1	1	4	..
Total	*36	†5	**1	3	42	***3

* Of the 36 deaths in the Middlesex Hospital, 28 were those of non-parishioners.

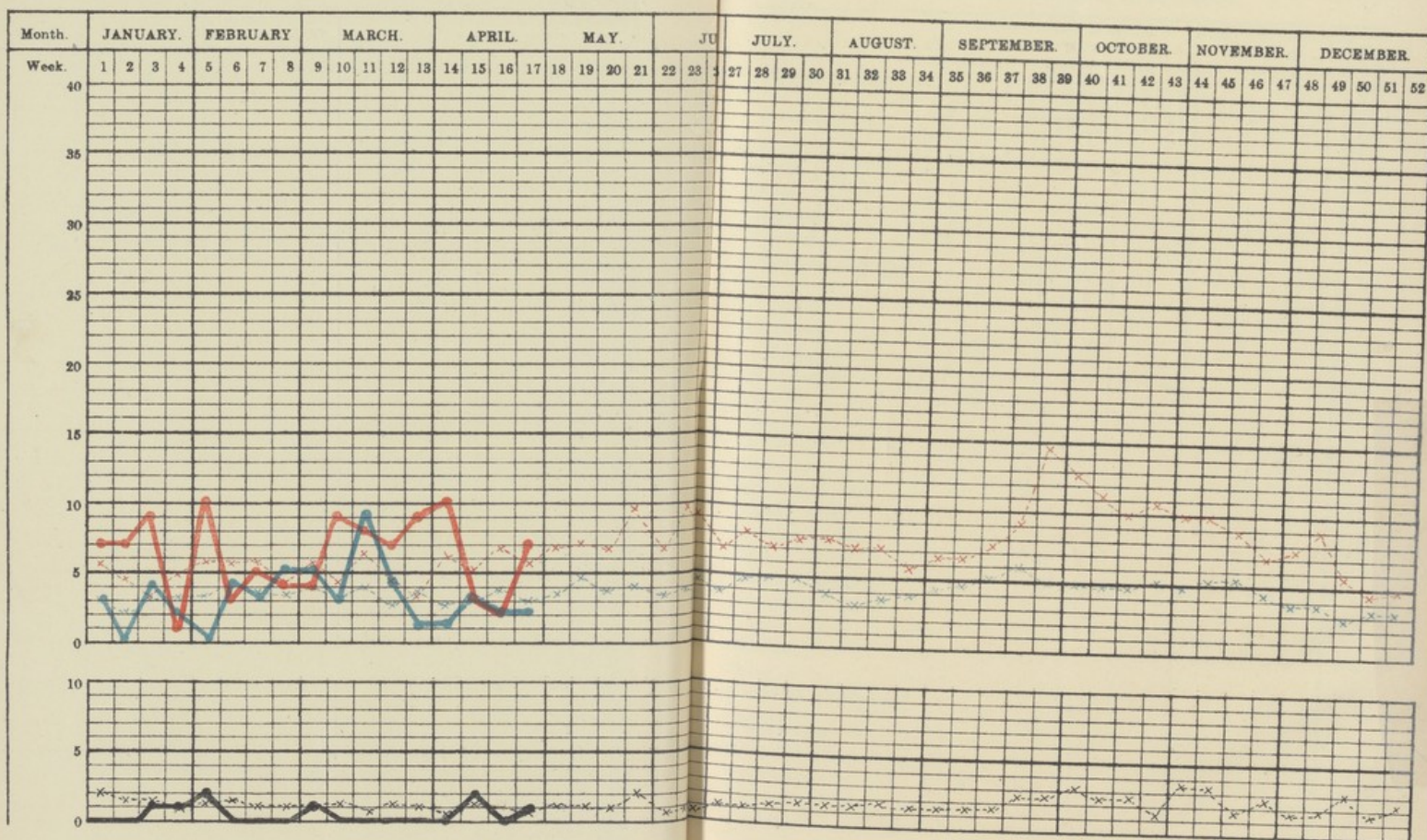
† Three of the 5 deaths in Queen Charlotte's Hospital were those of non-parishioners.

** The death in the Samaritan Hospital was that of a non-parishioner.

*** Two of the 3 deaths in the Hospital of St. John's were those of non-parishioners.

APR 1907.

CURVE SHOWING NUMBER OF CASES OF LET FEVER, DIPHTHERIA, AND TYPHOID
FEVER NOTIFIED WEEK WEEK DURING 1906.



NOTES:

Scarlet Fever.

Year	Number of people (millions)
1980	18
1990	22
2000	26
2020	32

Diphtheria.

Year	Percentage of Population 15 and Over with High School Diploma or Higher
1960	45
1965	50
1970	55
1975	60
1980	65

• *Typhoid Fever.*

x - - - x - - - x - - - x - - - x - - - *rage of Scarlet Fever during 10 years ending 1906*

------*---*---*---*---" " *Diphtheria*

X---X---X---X---X " Typhoid Fever

1901

TABLE IV.—Causes of, and Ages at, Death during the five weeks ending May 4th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	...	...	1	...	1
Scarlet Fever	1	...	...	...	...	1	...	...	1	...	...	...
Whooping Cough	9	4	5	...	...	...	...	3	3	2	1	...
Diphtheria and Membranous Croup	1	...	1	...	...	...	...	...	...	1	...	1
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza	2	...	...	...	...	...	2	...	...	...	2	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	3	2	...	...	...	1	...	1	...	2	...	1
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	1
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	1
Other Septic Diseases... ..	1	...	...	...	...	1	...	1	...	...	...	2
Phthisis	15	...	...	1	2	10	2	2	5	3	5	7
Other Tubercular Diseases	2	...	1	...	1	...	...	...	...	2	...	1
Cancer, Malignant Disease	15	...	...	...	...	8	7	6	2	5	2	20
Bronchitis	19	2	3	1	...	3	10	8	4	4	3	7
Pneumonia	30	5	4	1	...	16	4	5	6	16	3	16
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver }	3	...	...	...	...	3	...	2	...	...	1	3
Venereal Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	1
Premature Birth	4	4	...	...	...	...	...	...	1	3	...	...
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases	15	...	...	1	...	5	9	3	4	7	1	5
Accidents... ..	3	1	...	...	...	...	2	...	1	2	...	3
Suicides	1	...	...	...	...	1	...	...	...	...	1	...
All other causes... ..	73	6	4	2	2	25	34	13	20	21	19	44
All causes	193	24	19	6	5	74	70	44	47	69	38	*114

*34 of these were Non-Parishioners.

TABLE V.—DISTRICT BIRTHS AND DEATHS FOR THE
FIVE WEEKS ENDING MAY 4TH, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fm ls.	Males.	Fm ls.
All Souls	35,391	26	15	24	20
*St. Mary.....	37,948	30	32	22	25
Christ Church	39,536	58	47	34	35
St. John.....	20,426	20	19	18	20
Total	133,301	134	113	98	100

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

REGISTER OF SANITARY WORK
MONTH ENDING 30TH APRIL, 1907.
PUBLIC HEALTH DEPARTMENT.

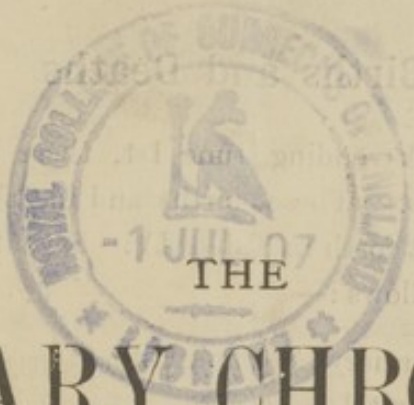
	Miss F. A. Baker.	Miss S. W. Limont.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation	8	...	30	38
Factories	1	...	...	1
Workshops	106	...	59	165
Domestic Workshops..	...	..	...	...
Outworkers' Premises	9	...	...	9
Restaurants, &c.	...	...	84	84
Bakehouses	...	...	58	58
Elementary Schools ... ..	...	1	...	1
Phthisis cases	...	21	...	21
Birth Returns	32	111	...	143
Public Health (London) Act	...	...	...	...
Smoke Shafts ... ..	...	...	10	10
Offensive Trades	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	17	...	25	42
Miscellaneous Inspections	75	13	63	151
Complaints received	12	...	5	17
Letters and Intimations	10	...	1	11
Statutory Notices, &c.	...	...	...	...
Proceedings taken before Magistrate	...	...	...	...
Reports made to M.O.H.	8	2	12	22

REGISTER OF SANITARY WORK

MONTH ENDING 30TH APRIL, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.						Total.
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	
Public Health (London) Act.								
Inspections.	Dwelling Houses, &c.	27	...	25	...	30	...	82
	Tenements	45	...	39	...	37	...	121
	Underground Dwellings	11	...	12	...	10	...	33
	Dairies, Milk Shops, Cow Houses	32	...	30	...	20	...	82
	Slaughter Houses	7	...	...	...	...	...	7
	Yards, Stables, and Mews	37	..	35	...	40	...	112
	Smoke Shafts	10	9	12	...	28	25	84
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...
	Refuse Receptacles	8	...	5	...	4	10	27
	Enquiries <i>re</i> removal of refuse ... ..	...	...	...	...	...	...	...
	Removal of Bodies to Mortuary	1	...	...	...	...	...	1
	Visits to Works in progress	86	250	75	280	80	...	771
Miscellaneous Inspections	54	176	35	170	47	15	497	
UNWHOLESOME FOOD:—								
	Number of seizures made ... ..	...	...	...	...	...	...	...
INFECTIOUS DISEASE:—								
	Cases Isolated... ..	1	...	1	...	1	...	3
	Cases Removed to Hospital	12	...	15	...	8	...	35
	Rooms Disinfected	18	..	17	...	16	...	51
NEW DRAINAGE:—								
	Number of Plans Passed ... ..	..	15	...	20	...	...	35
	New Pipe Drains (feet) ... ..	...	1820	...	1760	...	...	3,580
	Houses where defects in existing Drainage have been detected and remedied	10	...	5	...	6	...	21
Food and Drugs Act.								
ADULTERATION.								
	Samples collected for Analysis	17	...	28	..	25	...	70
Correspondence, Legal Procedure, &c.								
	Complaints received	26	...	27	...	22	34	109
	Letters and Intimations relating to Abatement of Nuisances	32	...	36	...	30	12	110
	Statutory Notices Served... ..	8	...	8	..	8	...	24
	Proceedings taken before Magistrates	2	...	2	...	2	...	6
	Reports made to Medical Officer of Health	58	46	56	63	50	25	298



SANITARY CHRONICLES

OF THE
BOROUGH OF ST. MARYLEBONE

DURING MAY, 1907,

BY ALEXANDER WYNTER BLYTH.

Medical Officer of Health and Analyst of Food and Drugs
for the Borough of St. Marylebone.

PRINTED BY ORDER OF THE COUNCIL.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., JUNE 12TH, 1907. No. 5.

The week ending May 11th was one of ordinary temperatures, the minimum being 39.5° ; the maximum, 77.0° ; and the mean, 56.0° . On three days rain fell equal to 0.61 inch. Winds S.S.W. and S.E. Sunshine 39%. Mean barometer 29.7 inches.

The week ending May 18th was similar in weather to the preceding, but cool. Minimum temperature, 37.0° ; maximum, 80.0° ; mean, 55.3° . On four days rain fell to the extent of 0.34 inch. Winds N.E. Sunshine 38%. Mean barometer, 29.8 inches.

The week ending May 25th was overcast and wet. Minimum temperature, 34.8° ; maximum, 71.5° ; mean, 54.3° . On six days rain fell equal to 0.34 inch. Winds E. and S.E. Sunshine only 18.5%. Mean barometer, 29.7 inches.

The week ending June 1st was also overcast and showery. Minimum temperature, 41.8° ; maximum, 70.5° ; mean, 55.6° . On four days rain fell to the total amount of 0.66 inch. Sunshine only 11%. Mean barometer, 29.9 inches.

Births and Deaths.

During the four weeks ending June 1st, there have been registered 211 births and 159 deaths. These births and deaths are divided among the four sub-districts as set forth in Table IV. Seventy-seven of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting Hill	43
Western Fever Hospital	2
North Western Fever Hospital	1
St. Mary's Hospital, Paddington	7
Children's Hospital, Paddington Green	3
Children's Hospital, Great Ormonde Street	2
London Hospital.. ..	1
University College Hospital	2
St. George's Hospital	1
Banstead Asylum	2
Hanwell Asylum.. ..	4
Leavesden Asylum	1
Tooting Bec Asylum	1
Colney Hatch Asylum	2
Claybury Asylum	1
St. Luke's House.. ..	1
St. Peter's House.. ..	1
Other Addresses	2
<hr/>	
Total	77

The birth and death-rates, as deduced from the four weeks' statistics are as follows :—

All Souls, birth-rate 17·3 ; death-rate 11·5.

St. Mary, birth-rate 20·6 ; death-rate 12·9.

Christ Church, birth-rate 29·3 ; death-rate 21·2.

St. John, birth-rate 19·9 ; death-rate 19·9.

The whole district, birth-rate 21·3 ; death-rate 16·1.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows :—All Souls, 13·3 ; St. Mary, 16·4 ; Christ Church 16·8 ; St. John, 23·5 ; the whole district, 16·8.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FOUR WEEKS ENDING JUNE 1st, 1907, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 4 weeks ending June 1st, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending June 1, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	14	88	1.42	1.70
2. Pulmonary, other than Phthisis	22	114	2.22	3.36
3. Tubercular	22	114	2.22	1.84

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhœa.
3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Health of the District.

The usual summer diarrhœa, which often begins at this time of the year, and tends to raise the death-rate, has been practically absent. Pulmonary complaints and infectious diseases have also been but little prevalent; the consequence of these combined causes is that the public health has been exceptionally good and compares favourably with the similar period in past years.

Disinfection.

The disinfecting apparatus is again in working order although not quite perfect. Since the 22nd of May the kind services of the Borough of Hampstead have been dispensed with, and it is anticipated, when a few small defects have been seen to, that no such considerable repair will be required for some years. The writer has, however, reported to the Public Health Committee the desirability of duplicating the disinfecting apparatus at the Stone Yard. With all such apparatus, "break downs" will occur, and usually at a period of greatest stress. Seeing that such duplication will be an expensive matter, for which no provision has been made in this year's estimates, the matter very properly stands over for the moment, but it is one which will have to be seriously faced at some future date.

Prosecutions under the Public Health (London) Act.

Four summonses were taken out against G. Botwright, of 30, High Street, Manchester Square, for failure to deposit plans and for doing work in contravention of the London County Council By-laws at 32, York Terrace. The defendant was convicted and fined in all £2.

The summons against the occupiers of 122, Marylebone Road, for allowing the dust to accumulate on the premises, was withdrawn, the chief defendant having permitted the removal of the refuse.

TABLE II.—Giving the Causes of Deaths during May, 1907, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth, Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhoea .....	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	1	..
Pneumonia and Pleurisy	3	..	..	..	2	1
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	1	..
Cancer	12	..	..	..	..	..
Phthisis & Tuberculosis	1	..	..	..	10	..
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	1	..
Paralysis .....	..	..	..	..	..	..
Bronchitis	1	..	..	..	1	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	1	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart	1	..	..	..	5	..
„ Kidney .....	..	..	..	..	2	..
„ Liver.....	..	..	..	..	..	..
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition.....	..	2	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	2	..	..	..	..	..
Old Age .....	..	..	..	..	5	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	2	..	..	..	..
Other causes	6	..	1	4	14	..
Total	*26	†4	**1	4	43	1

* Of the 26 deaths in the Middlesex Hospital, 20 were those of non-parishioners.

† The 4 deaths in Queen Charlotte's Hospital were those of non-parishioners.

** The death in the Samaritan Hospital was that of a non-parishioner.

TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during May, 1907, classified according to DISEASES, AGES, AND LOCALITIES.

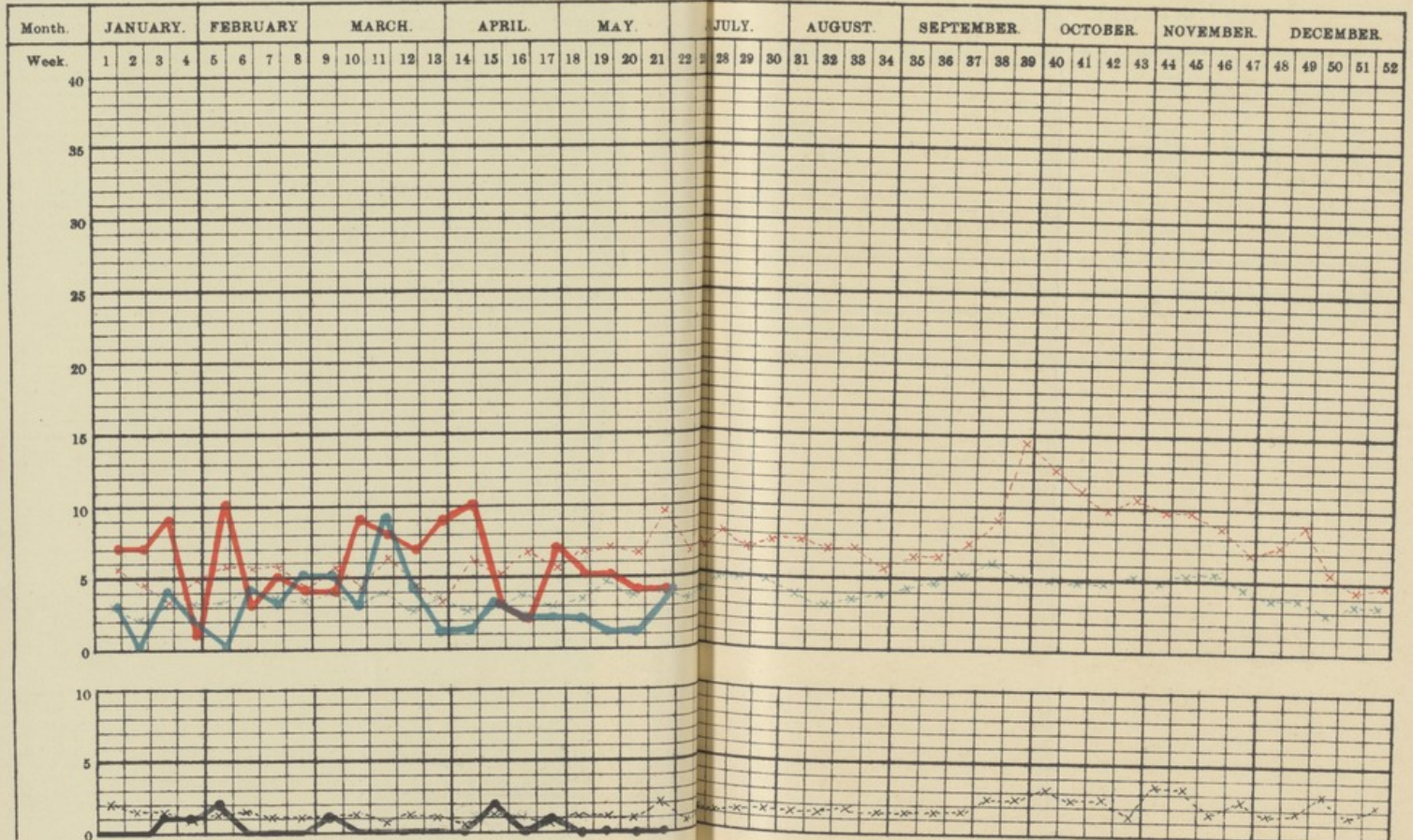
(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH		ST. JOHN		Totals		
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		133,361		
	(c) Registered Births			45		5		84		23		211		
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. ..	..	..	..	..	..	..	..	..	..
				2. Scarlatina .. ..	..	1	3	5	2	4	1	..	6	10
				3. Diphtheria	1	1	1	2	2	1	..	..	4	4
				4. Membranous Croup.. ..	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. ..	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. ..	..	..	..	..	..	..	..	..	..	..
				7. Continued .. ..	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. ..	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. ..	..	..	..	..	..	..	..	..	..	..
				10. Cholera.. ..	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. ..	..	..	..	2	..	2	..	3	..	7
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				1. Smallpox .. ..	..	..	..	..	..	..	..	..	..
				2. Scarlatina .. ..	..	1	3	5	2	4	1	..	6	10
				3. Diphtheria	1	1	1	2	2	1	..	..	4	4
				4. Membranous Croup.. ..	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. ..	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. ..	..	..	..	..	..	..	..	..	..	..
				7. Continued .. ..	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. ..	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. ..	..	..	..	..	..	..	..	..	..	..
				10. Cholera .. ..	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. ..	..	..	..	1	..	1	..	..	..	2

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.



ME7.

CURVE SHOWING NUMBER OF CASES OF FEVER, DIPHTHERIA, AND TYPHOID
FEVER NOTIFIED WEEK DURING 1907.



NOTES:

—●— Scarlet Fever.
 —●— Diphtheria.
 —●— Typhoid Fever.

- - - x - - - of Scarlet Fever during 10 years ending 1906
- - - x - - - Diphtheria " "
- - - x - - - Typhoid Fever " "

TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE
FOUR WEEKS ENDING JUNE 1ST, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fm ls	Males.	Fm ls.
All Souls	35,391	21	24	15	15
*St. Mary.....	37,948	29	30	15	22
Christ Church	39,536	50	34	31	30
St. John.....	20,426	12	11	18	13
Total	133,301	112	99	79	80

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE V.—Causes of, and Ages at, Death during the four weeks ending June 1st, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	...	...	1	...	1
Scarlet Fever	1	...	1	...	...	...	...	...	...	...	1	1
Whooping Cough	6	2	4	...	...	...	...	1	1	3	1	...
Diphtheria and Membranous Croup	2	...	2	...	...	...	...	...	...	1	1	2
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza	1	...	...	...	...	...	1	1	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	2	2	...	...	...	...	...	1	1	...	...	1
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	1	...	...	...	...	1	...	...	...	1	...	1
Other Septic Diseases... ..	3	...	...	...	...	1	2	3	...	...	...	3
Phthisis	16	...	1	...	...	14	1	2	1	10	3	11
Other Tubercular Diseases	6	2	2	1	...	1	...	1	...	2	3	4
Cancer, Malignant Disease	11	...	...	...	...	9	2	4	3	3	1	4
Bronchitis	8	2	...	...	...	5	1	2	1	4	1	3
Pneumonia	14	2	4	1	...	7	...	5	4	3	2	10
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver }	4	...	...	...	...	4	...	1	1	1	1	...
Venereal Diseases	2	2	...	...	...	...	...	...	...	2	...	1
Premature Birth	2	2	...	...	...	...	...	1	...	1	...	2
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	2
Heart Diseases	20	...	...	1	...	12	7	1	9	7	3	12
Accidents... ..	1	...	...	...	...	...	1	1	...	...	...	2
Suicides ... ..	...	...	...	...	...	...	...	...	...	...	...	...
All other causes	58	4	3	...	...	23	28	6	16	22	14	44
All causes	159	18	18	3	—	77	43	30	37	61	31	*104

*25 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 30TH MAY, 1907.

PUBLIC HEALTH DEPARTMENT.

	Miss F. A. Baker.	Miss S. W. Lim ont.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation	31	...	22	53
Factories ... ..	...	...	2	2
Workshops	96	...	32	128
Domestic Workshops...	...	...	...	...
Outworkers' Premises	11	...	...	11
Restaurants, &c. ... ..	...	...	21	21
Bakehouses ... ..	...	...	30	30
Elementary Schools ... ..	...	10	...	10
Phthisis cases	1	28	...	29
Birth Returns	2	152	...	154
Public Health (London) Act ... ..	...	...	...	...
Smoke Shafts ... ..	...	...	5	5
Offensive Trades ... ..	...	...	...	...
Enquiries re non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	14	...	10	24
Miscellaneous Inspections	69	9	41	119
Complaints received	14	2	6	22
Letters and Intimations	10	...	...	10
Statutory Notices, &c.	1	...	...	1
Proceedings taken before Magistrate ... ..	...	...	...	...
Reports made to M.O.H.	6	2	12	20

REGISTER OF SANITARY WORK

MONTH ENDING 30TH MAY, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.						
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Total.
Public Health (London) Act.								
Inspections.	Dwelling Houses, &c.	30	...	35	...	37	...	102
	Tenements	35	...	25	...	30	...	90
	Underground Dwellings	10	...	10	...	10	...	30
	Dairies, Milk Shops, Cow Houses	16	...	5	...	10	...	31
	Slaughter Houses	6	...	...	...	1	...	7
	Yards, Stables, and Mews	36	...	57	...	41	...	134
	Smoke Shafts	10	...	12	...	30	25	77
	Offensive Trades and Effluvia	...	...	1	...	1	...	2
	Businesses ... ..	...	...	6	...	5	20	39
	Refuse Receptacles	8	...	...	...	...	170	170
	Enquiries re removal of refuse ...	...	...	1	...	...	...	1
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...
Visits to Works in progress	86	334	85	298	76	...	879	
Miscellaneous Inspections	54	46	45	140	47	6	338	
UNWHOLESOME FOOD:—								
	Number of seizures made ... ..	...	...	1	...	...	...	1
INFECTIOUS DISEASE:—								
	Cases Isolated	2	...	2	...	...	...	4
	Cases Removed to Hospital	6	...	11	...	5	...	22
	Rooms Disinfected	10	...	12	...	10	...	32
NEW DRAINAGE:—								
	Number of Plans Passed ... ..	...	12	...	...	1	...	13
	New Pipe Drains (feet) ... ..	...	1826	...	1760	17	...	3603
	Houses where defects in existing Drainage have been detected and remedied	8	1	6	3	8	...	26
Food and Drugs Act.								
ADULTERATION.								
	Samples collected for Analysis ...	33	...	26	...	43	...	102
Correspondence, Legal Procedure, &c.								
	Complaints received	13	...	60	...	38	37	148
	Letters and Intimations relating to Abatement of Nuisances	32	...	62	...	57	15	166
	Statutory Notices Served... ..	8	...	18	...	10	...	36
	Proceedings taken before Magistrates ...	...	...	4	...	1	...	5
	Reports made to Medical Officer of Health	44	46	85	36	64	35	310



SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING JUNE, 1907,

Containing a Quarterly Summary of the Mortality Statistics for the Quarter ending June 29th, 1907, and the Quarterly Statement of Analytical Work done under the Sale of Food and Drugs Act, &c.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., JULY 10TH, 1907. No. 6.

The week ending June 8th was cool and overcast. Minimum temperature, 47.0° ; maximum, 68.2° ; mean, 58.0° . On two days rain fell equal to 0.43 inch. Winds S.S.W. Sunshine 22.2%. Mean barometer 29.7 inches.

The week ending June 15th was a little brighter and warmer. Minimum temperature, 49.9° ; maximum, 74.2° ; mean, 74.2° . On one day rain fell (0.21 inch). Wind S.W. Sunshine 36.8%. Mean barometer, 29.7 inches.

The week ending June 22nd was bright but cool. Minimum temperature, 47.5° ; maximum, 68.5° ; mean, 58.8° . On two days rain fell (0.02 inch). Winds W.S.W. Sunshine registered in Regent's Park, 55.1%. Mean barometer, 29.9 inches.

The week ending June 29th was wet, thundery, and unsettled. Minimum temperature, 48.0° ; maximum, 69.0° ; mean, 57.6° . On four days rain fell (0.55 inch). Winds Southerly. Sunshine only 13%. Mean barometer, 29.8 inches.

Births and Deaths.

During the four weeks ending June 29th, there have been registered 203 births and 121 deaths—equal to a birth-rate of 20·3 and a death-rate of 12·3 per thousand. The mean death-rate for the corresponding period during the previous ten years was 14·4 per thousand.

QUARTERLY SUMMARY.

During the March quarter there have been registered 661 births and 478 deaths. These births and deaths are divided among the four sub-districts as set forth in Table V. One hundred and ninety-four of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting Hill	105
St. Mary's Hospital.. ..	16
Western Fever Hospital	3
North Western Hospital	5
South Wharf (Metropolitan Asylums Board) ..	1
Children's Hospital, Paddington Green ..	5
Children's Hospital, Great Ormonde Street ..	2
University College Hospital	6
St. George's Hospital	3
London Hospital.. ..	1
Royal Free Hospital	1
Great Northern Hospital	1
German Hospital.. ..	2
French Hospital	1
London Fever Hospital	1
Cancer Hospital, Chelsea	3
Homœopathic Hospital	1
Hanwell Asylum.. ..	6
Banstead Asylum	4
Claybury Asylum	4
Colney Hatch Asylum	4
Caterham Asylum	1
Leavesden Asylum	2
Hoxton Asylum	1
Tooting Bec Asylum	1
Camberwell House Asylum	1
Bethnal House Asylum	1
Carried forward	182

	Brought forward	..	182
St. Luke's House..	..	..	1
St. Peter's House..	..	..	1
Clapham Maternity	..	..	1
St. Joseph's House, Kensington	..	..	3
Holborn Workhouse	..	..	1
St. Pancras Infirmary	..	..	1
Other Addresses ..	..	..	4
Total			194

The birth and death-rates, as deduced from the four months' statistics are as follows:—

All Souls, birth-rate 15·8 ; death-rate 12·6.

St. Mary, birth-rate 18·9 ; death-rate 13·1.

Christ Church, birth-rate 27·9 ; death-rate 18·4.

St. John, birth-rate 17·8 ; death-rate 15·2.

The whole district, birth-rate 20·6 ; death-rate 14·9.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows:—All Souls, 13·5 ; St. Mary, 17·3 ; Christ Church, 19·5 ; St. John, 23·1 ; the whole district, 17·8.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE THIRTEEN WEEKS ENDING JUNE 29TH, 1907, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 13 weeks ending June 29th, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending June 29, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	39	82	1·21	1·77
2. Pulmonary, other than Phthisis	89	186	2·83	3·41
3. Tubercular	56	117	1·74	20·8

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhoea.
3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Health of the District during the June Quarter.

The three months of exceptionally cool damp summer weather has been far more favourable to health than a more normal dry hot season. The death and sickness rates have both been unusually low. Scarlet fever threatened to rise in the second week of June, but rapidly subsided and the curve opposite page 66 shows a general course below the average of the previous ten years.

Returns of Births.

The Council, on the recommendation of the Public Health Committee, have resolved to obtain from the Registrars, not only the bare numbers of births, but also the details of residence and occupation. The new departure will enable the officers of the Local Authority to reduce still further infant mortality. In relation to this subject, the "Infant Consultations," inaugurated by the St. Marylebone Health Society in conjunction with the public dispensaries in St. John's Wood and Welbeck Street, are now in full operation.

Sale of Food and Drugs Acts.

(See Table II.)

241 samples, under the Sale of Food and Drugs Act, were submitted for analysis. The full list is tabulated (Table II.) page 66.

Of 60 samples of milk 11 were adulterated, either being deficient in milk fat or diluted with water or both. There were no preservatives found or colouring matter. In 27 cases there was more dirt in the milk than ought to occur with clean methods of dairying. From a public health point of view, dirty milk is more serious than skimmed or diluted milk.

In 3 samples of butter small quantities of boric acid were found. In one case margarine was sold as butter.

Owing to an investigation by the Local Government Board on the presence of lead and arsenic in commercial tartaric acid, seven samples of the acid were obtained locally, lead was found to be present from .0018 to .0035 per cent. quantities too small to affect health. The samples did not contain any arsenic or copper.

Samples of so-called non-alcoholic wines were examined, viz., two of ginger, three of raisin, and one of black currant ; all of these contained salicylic acid from 4.4 to 5.26 grains per pint and quantities of alcohol up to 5.0 per cent. proof spirit.

Samples of ice-cream were made of clean materials and the various tinned and bottled goods were all free from preservatives.

The following prosecutions were instituted :—

William Smith, of 96, Balcombe Street, was summoned for selling milk deficient in milk fat to the extent of 24.7 per cent., and diluted with water 23.6 per cent. The defendant was fined £1 and 12/6 costs.

A. B. Yeo, trading under the name of The New Pasteurised Milk Co., 9, Moreton Street, Pimlico, was fined £10 and costs for selling, in Upper Charlton Street, milk deprived of its milk fat to the extent of 36.7 per cent. The defendant did not pay the fine at once, and a warrant for his apprehension was issued ; the fine was then paid.

On a subsequent occasion William Carlver of 19, Wealdon Street, Stockwell, and Yeo were summoned, both apparently being connected with the same business, but this was denied. The summons, instead of being worded A. B. Yeo, was accidentally worded W. Yeo, and the case against Yeo was dismissed ; William Carlver was fined £10 and 12/6 costs for selling milk deprived of its milk fat to the extent of 86 per cent.

William Thomas Jones, of 71, Church Street, was summoned for selling milk diluted with 20 per cent. water and fined 10s. and 12s. 6d. costs.

Ebenezer John Gooding, of 75, York-street, Montagu Square, was fined £2 and 12s. 6d. costs for selling milk diluted with 8 per cent. water and deficient in milk fat to the extent of 10.7 per cent.

Alfred Kelsey, of 47, Queen Street, was fined £1 and 12s. 6d. costs for selling milk diluted with 11.7 per cent. water and deficient in milk fat to the extent of 16 per cent.

E. Wrixton, of 31, Riding House Street, was fined £1 with costs 12s. 6d. for selling margarine for butter.

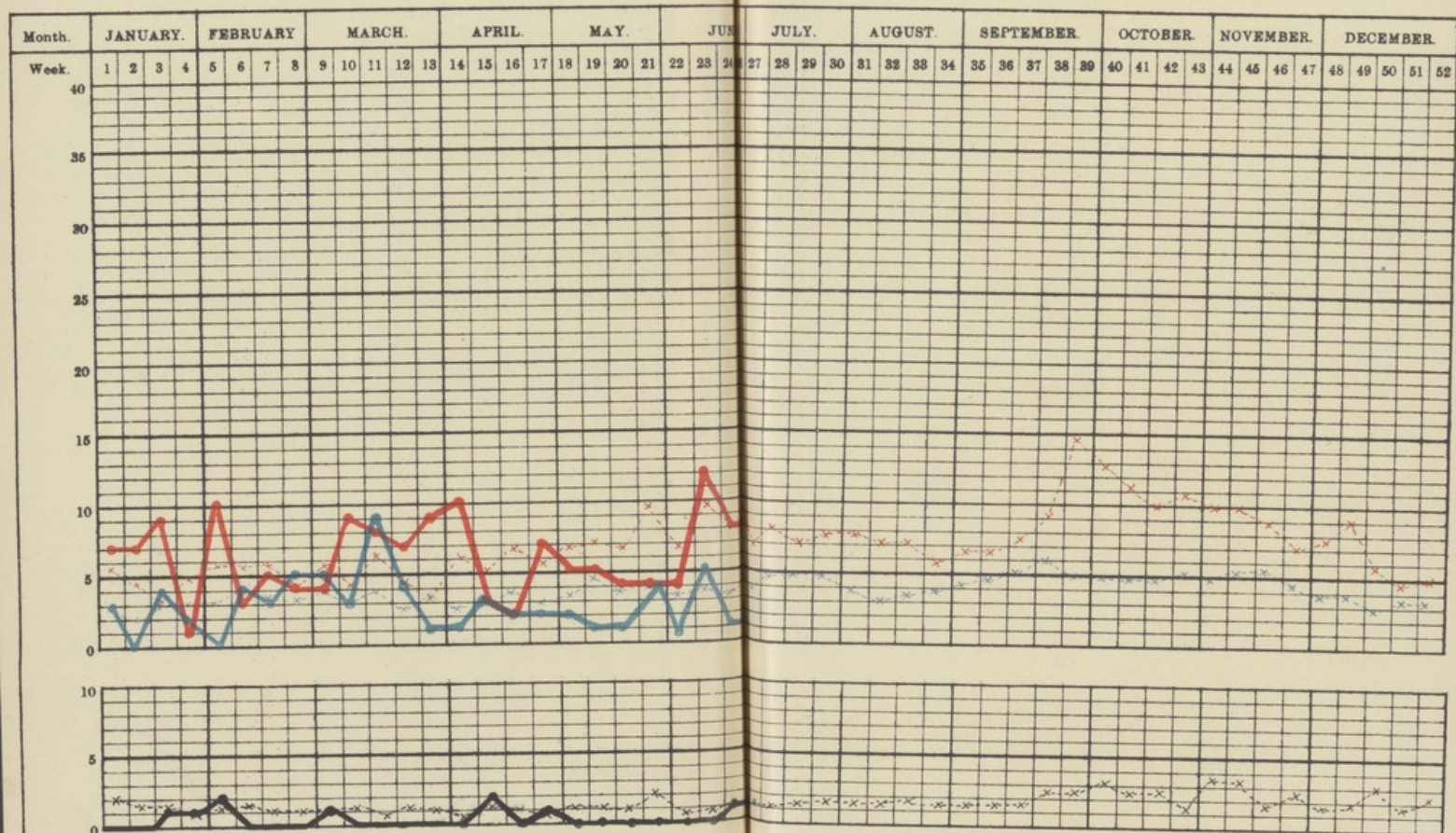
TABLE II.—SALE OF FOOD AND DRUGS ACTS.
 SAMPLES ANALYSED DURING JUNE QUARTER, 1907.

					Genuine.	Adulterated.	Total.
DAIRY PRODUCTS—							
Milk	..	..	..	..	60	11	71
Butter	..	..	..	..	32	1	33
Cheese	..	..	..	..	1	—	1
Lard	..	..	..	..	1	—	1
ALCOHOLIC BEVERAGES—							
Whisky	..	..	..	..	27	1	28
Brandy	..	..	..	..	2	—	2
Rum	..	..	..	..	2	2	4
Gin	..	..	..	..	6	1	7
Port Wine	..	..	..	..	2	—	2
Sherry	..	..	..	..	1	—	1
Claret	..	..	..	..	1	—	1
NON-ALCOHOLIC BEVERAGES—							
Coffee	..	..	..	..	8	—	8
Coffee and Chicory	..	..	..	..	1	—	1
Cocoa	..	..	..	..	1	—	1
CONDIMENTS—							
Pepper	..	..	..	..	6	—	6
Mustard	..	..	..	..	3	—	3
Vinegar	..	..	..	..	2	—	2
Sauce	..	..	..	..	4	—	4
SACCHARINE SUBSTANCES—							
Jam	..	..	..	..	3	—	3
Sweets	..	..	..	..	1	—	1
Honey	..	..	..	..	1	—	1
Golden Syrup	..	..	..	..	1	—	1
Sugar	..	..	..	..	1	—	1
TINNED AND BOTTLED GOODS—							
Condensed Skimmed Milk	..	..	..	..	2	—	2
Salmon	..	..	..	..	5	—	5
Sardines	..	..	..	..	6	—	6
Lobster	..	..	..	..	2	—	2
Prawns	..	..	..	..	1	—	1
Bloater Paste	..	..	..	..	1	—	1
Crab and Lobster Paste	..	..	..	..	1	—	1
Sardine Paste	..	..	..	..	1	—	1
Strasburgh Meat	..	..	..	..	1	—	1
Lunch Tongue	..	..	..	..	1	—	1
Corned Beef	..	..	..	..	2	—	2
Tomatoes	..	..	..	..	2	—	2
Pineapple	..	..	..	..	1	—	1
Peas	..	..	..	..	2	—	2
MISCELLANEOUS—							
Ice Cream	..	..	..	..	6	—	6
Lemon Squash	..	..	..	..	1	—	1
Citrate of Magnesia	..	..	..	..	1	—	1
Orange Wine	..	..	..	..	3	—	3
Ginger Wine	..	..	..	..	3	2	5
Raisin Wine	..	..	..	..	1	3	4
Black Currant Wine	..	..	..	..	—	1	1
Red Currant Wine	..	..	..	..	1	—	1
Elder Wine	..	..	..	..	1	—	1
Tartaric Acid	..	..	..	..	7	—	7
					219	22	241



JUNE 1907.

CURVE SHOWING NUMBER OF CASES OF SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER NOTIFIED WEEK WEEK DURING 1907.



NOTES:

—●— Scarlet Fever.
 —●— Diphtheria.
 —●— Typhoid Fever.

- - - x - - - of Scarlet Fever during 10 years ending 1906
- - - x - - - " Diphtheria " " "
- - - x - - - " Typhoid Fever " " "

TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during June quarter, 1907; classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH		ST. JOHN		Totals	
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		133,301	
	(c) Registered Births			134		176		261		90		661	
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	FEVERS.	1. Smallpox .. .. .		..	..	..	..	1	..	..	..	1	..
		2. Scarletina		4	11	9	23	6	16	1	5	20	55
		3. Diphtheria		2	3	3	4	4	5	1	4	10	16
		4. Membranous Croup .. .. .		..	..	..	..	..	..	..	..	..	..
		5. Typhus .. .. .		..	..	..	..	..	..	..	..	..	..
		6. Enteric or Typhoid .. .. .		..	2	..	2	..	..	..	..	..	4
		7. Continued .. .. .		..	..	..	..	..	..	..	..	..	..
		8. Relapsing .. .. .		..	..	..	..	..	..	..	..	..	..
		9. Puerperal .. .. .		..	1	..	..	..	..	..	..	..	1
		10. Cholera .. .. .		..	..	..	..	..	..	..	..	..	..
		11. Erysipelas. .. .. .		..	3	..	6	1	6	..	5	1	20
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	FEVERS.	1. Smallpox .. .. .		..	..	..	..	1	..	..	..	1	..
		2. Scarletina		4	11	9	23	6	16	1	5	20	55
		3. Diphtheria		2	2	3	1	4	5	1	4	10	12
		4. Membranous Croup .. .. .		..	..	..	..	..	..	..	..	..	..
		5. Typhus .. .. .		..	..	..	..	..	..	..	..	..	..
		6. Enteric or Typhoid .. .. .		..	1	..	2	..	..	..	..	..	3
		7. Continued .. .. .		..	..	..	..	..	..	..	..	..	..
		8. Relapsing .. .. .		..	..	..	..	..	..	..	..	..	..
		9. Puerperal .. .. .		..	1	..	..	..	..	..	..	..	1
		10. Cholera .. .. .		..	..	..	..	..	..	..	..	..	..
		11. Erysipelas .. .. .		..	..	..	2	..	1	..	..	..	3

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

TABLE V.—Giving the Causes of Deaths during the June quarter, 1907, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital	Samaritan Hospital	Workhouse	Notting Hill Infirmary	Hospital of St. John & Elizabeth, Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhoea	1	..	..	..	..	..
Erysipelas	1	..	..	..	1	..
Pneumonia and Pleurisy	10	..	..	..	7	1
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	1	..	..	1	..
Cancer	33	1	..	..	10	..
Phthisis & Tuberculosis	4	..	..	..	17	1
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	5	..
Paralysis .....	..	..	..	..	4	..
Bronchitis	1	..	..	1	11	1
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	1	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart	3	..	..	2	8	1
„ Kidney .....	..	..	..	..	2	..
„ Liver.....	1	..	..	..	1	1
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition.....	..	2	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	3	..	..	..	..	..
Old Age .....	..	..	..	..	8	..
Low Vitality, Infants ..	..	..	..	..	7	..
Premature Birth .....	..	4	..	..	..	..
Other causes	35	4	2	9	22	1
Total	*92	†12	**2	12	105	6

* Of the 92 deaths in the Middlesex Hospital, 71 were those of non-parishioners.

† The 12 deaths in Queen Charlotte's Hospital were those of non-parishioners.

** The 2 deaths in the Samaritan Hospital were those of non-parishioners.

Three of the 8 deaths in the Hospital of St. John were those of non-parishioners.

TABLE IV.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARLEBONE, during June, 1907, classified according to Diseases, Ages, and Localities.

POPULATION AT ALL AGES.										
(a)										
(b) Census 1901										
(c) Registered Births										
(d) Aged under 5 or over 5										
ALL SOULS										
ST. MARY*										
CHRIST CHURCH*										
ST. JOHN										
Totals										

COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.										
FEVERS.										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid										
7. Continued										
8. Relapsing										
9. Puerperal										
10. Cholera.. ..										
11. Brysiphias										
1. Smallpox										
2. Scarlatina										
3. Diphtheria										
4. Membranous Croup.. ..										
5. Typhus										
6. Bacterial or Typhoid ..										

TABLE VI.—DISTRICT BIRTHS AND DEATHS FOR THE
FOUR WEEKS ENDING JUNE 29TH, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fms.	Males.	Fms.
All Souls	35,391	23	25	16	17
*St. Mary	37,948	30	25	19	19
Christ Church	39,536	45	27	23	19
St. John	20,426	11	17	4	4
Total	133,301	109	94	62	59

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE VII.—DISTRICT BIRTHS AND DEATHS FOR THE
THIRTEEN WEEKS ENDING JUNE 29TH, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fms.	Males.	Fms.
All Souls	35,391	70	64	55	52
*St. Mary	37,948	89	87	56	66
Christ Church	39,536	153	108	88	84
St. John	20,426	43	47	40	37
Total	133,301	355	306	239	239

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE VIII.—Causes of, and Ages at, Death during the four weeks ending June 29th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	5	...	2	3	...	...	...	...	2	3	...	3
Whooping Cough	2	...	2	...	...	...	...	...	...	2	...	...
Diphtheria and Membranous Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
{ Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
{ Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea	1	...	1	...	...	...	...	1	...	...	...	1
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases... ..	1	...	...	...	...	1	...	...	...	1	...	1
Phthisis	13	...	...	...	...	10	3	6	4	3	...	8
Other Tubercular Diseases	4	1	...	1	...	2	...	1	1	1	1	2
Cancer, Malignant Disease	10	...	...	...	...	8	2	3	4	2	1	15
Bronchitis	10	2	...	...	...	4	4	2	3	4	1	7
Pneumonia	8	1	1	...	...	4	2	1	4	3	...	4
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver }	4	...	...	...	...	3	1	1	2	...	1	2
Venereal Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth	2	2	...	...	...	...	...	1	...	1	...	2
Diseases and Accidents of Parturition ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases	18	...	...	...	...	9	9	3	7	7	1	6
Accidents... ..	3	...	1	1	...	1	...	...	1	1	1	...
Suicides	2	...	...	...	...	2	...	1	...	1	...	...
All other causes... ..	38	12	3	...	...	18	5	13	10	13	2	33
All causes	121	18	10	5	—	62	26	33	38	42	8	*84

*27 of these were Non-Parishioners.

TABLE IX.—Causes of, and Ages at, Death during the thirteen weeks ending June 29th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles	2	...	2	...	...	...	...	...	...	2	...	2
Scarlet Fever	7	...	3	3	...	1	...	...	3	3	1	4
Whooping Cough	17	6	11	...	...	...	...	4	4	7	2	...
Diphtheria and Mem- branous Croup	3	...	3	...	...	...	...	...	...	2	1	3
Group ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza	3	...	...	...	...	...	3	1	...	...	2	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea	6	4	1	...	...	1	...	3	1	2	...	3
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal fever ... ..	...	...	...	...	...	...	...	...	...	...	...	1
Erysipelas	1	...	...	...	...	1	...	...	...	1	...	2
Other Septic Diseases	5	...	...	...	...	3	2	4	...	1	...	6
Phthisis	44	...	1	1	2	34	6	10	10	16	8	26
Other Tubercular Diseases	12	3	3	2	1	3	...	2	1	5	4	7
Cancer, Malignant Disease	36	...	...	...	...	25	11	13	9	10	4	39
Bronchitis	37	6	3	1	...	12	15	12	8	12	5	17
Pneumonia	52	8	9	2	...	27	6	11	14	22	5	30
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism Cirrhosis of Liver }	11	...	...	...	...	10	1	4	3	1	3	5
Venereal Diseases	2	2	...	...	...	...	...	...	...	2	...	2
Premature Birth	8	8	...	...	...	...	...	2	1	5	...	4
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	2
Heart Diseases	53	...	...	2	...	26	25	7	20	21	5	23
Accidents	7	1	1	1	...	1	3	1	2	3	1	5
Suicides	3	...	...	...	...	3	...	1	...	1	1	...
All other causes... ..	169	22	10	2	2	66	67	32	46	56	35	121
All causes	478	60	47	14	5	213	139	107	122	172	77	302*

* 86 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 30TH JUNE, 1907.

PUBLIC HEALTH DEPARTMENT.

	Miss F. A. Baker.	Miss S. W. Limont.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation	14	...	29	43
Factories ... ..	...	...	2	2
Workshops	124	...	49	173
Domestic Workshops... ..	2	...	5	7
Outworkers' Premises	64	...	...	64
Restaurants, &c. ... ..	...	...	35	35
Bakehouses ... ..	...	...	20	20
Elementary Schools ... ..	...	4	...	4
Phthisis cases	6	30	...	36
Birth Returns	35	87	...	122
Public Health (London) Act ... ..	...	...	...	...
Smoke Shafts ... ..	...	...	15	15
Offensive Trades ... ..	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	17	...	8	25
Miscellaneous Inspections	70	18	35	123
Complaints received	5	2	3	10
Letters and Intimations	6	...	...	6
Statutory Notices, &c. ... ..	...	...	...	...
Proceedings taken before Magistrate ... ..	...	...	...	...
Reports made to M.O.H. ... ..	...	2	22	32

REGISTER OF SANITARY WORK

MONTH ENDING 30TH JUNE, 1907.

PUBLIC HEALTH DEPARTMENT.

				District Inspectors.						
				Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Total.
Public Health (London) Act.										
Inspections.	{	Dwelling Houses, &c.	47	...	45	...	10	...	102	
		Tenements	38	...	25	...	7	...	70	
		Underground Dwellings	10	...	12	...	9	...	31	
		Dairies, Milk Shops, Cow Houses	12	...	5	...	4	...	21	
		Slaughter Houses	7	...	...	...	...	...	7
		Yards, Stables, and Mews	54	...	55	...	12	...	121	
		Smoke Shafts	10	...	14	...	10	12	46	
		Offensive Trades and Effluvia								
		Businesses ... ..	...	...	1	...	...	...	1
		Refuse Receptacles	6	...	5	...	2	15	28	
		Enquiries <i>re</i> removal of refuse ...	10	...	17	...	...	225	252
		Removal of Bodies to Mortuary ...	...	...	1	...	...	...	1
Visits to Works in progress ...	124	310	125	270	50	...	879			
Miscellaneous Inspections ...	72	84	65	120	29	5	375			
UNWHOLESOME FOOD:—										
		Number of seizures made ... ..	...	...	...	1	...	...	1
INFECTIOUS DISEASE:—										
		Cases Isolated... ..	...	...	...	...	1	...	1
		Cases Removed to Hospital	13	...	12	...	25	...	50	
		Rooms Disinfected	20	...	15	...	34	...	69	
NEW DRAINAGE:—										
		Number of Plans Passed ... ..	...	...	...	...	...	...	...
		New Pipe Drains (feet) ... ..	...	1820	...	1740	...	...	3560
		Houses where defects in existing Drainage have been detected and remedied	9	10	8	4	3	...	34	
Food and Drugs Act.										
ADULTERATION.										
		Samples collected for Analysis ...	24	...	33	...	6	...	63	
Correspondence, Legal Procedure, &c.										
		Complaints received	29	...	51	...	7	18	105	
		Letters and Intimations relating to Abatement of Nuisances	36	...	51	...	12	10	109	
		Statutory Notices Served... ..	10	...	15	...	...	...	25
		Proceedings taken before Magistrates ...	...	...	...	...	1	...	1
		Reports made to Medical Officer of Health	72	64	75	43	12	15	281	

THE
SANITARY CHRONICLES
OF THE
28 AUG 07
BOROUGH OF ST. MARYLEBONE
DURING JULY, 1907,

BY ALEXANDER WYNTER BLYTH.

Medical Officer of Health and Analyst of Food and Drugs
for the Borough of St. Marylebone.

PRINTED BY ORDER OF THE COUNCIL.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., AUG. 12TH, 1907. No. 7.

The week ending July 6th was unsettled and cool. Minimum temperature, 45.0° ; maximum, 65.0° ; mean, 55.8° . Winds N.E. and S.W. On four days rain fell equal to 0.37 inch. Sunshine 38.75 hours equal to 33.6%. Mean barometer 29.8 inches.

The week ending July 13th was similar in weather to the preceding week. Minimum temperature, 43.0° ; maximum, 68.8° ; mean, 58.7° . On four days rain fell equal to 0.37 inch. Winds W.N.W. and W.S.W. Sunshine equal to 33.6% of the possible. Mean barometer, 30.0 inches.

The week ending July 20th was a sunny summery week. Minimum temperature, 35.0° ; maximum, 77.8° ; mean, 66.0° . On one day rain fell (0.01 inch). Winds N.E. and E.S.E. Sunshine equal to 52.5%. Mean barometer, 30.2 inches.

The week ending July 27th was unsettled, wet, and overcast. Minimum temperature, 47.2° ; maximum, 69.5° ; mean, 61.8° . On five days rain fell equal to 0.88 inch. Winds E.S.E. and S.S.W. Sunshine only 19.7%. Mean barometer, 29.9 inches.

The week ending August 3rd was bright but unsettled. Minimum temperature, 44.1° . Maximum, 76.5° . Mean, 60.5° . On five days rain fell (0.52 inch). Winds W. and S.W. Mean barometer 29.8 inches.

The five weeks were therefore on the whole cool, deficient in sunshine and wet, 19 out of the 35 days yielding rain to the total quantity of 2.16 inch.

Births and Deaths.

During the five weeks ending August 3rd, there have been registered 270 births and 137 deaths. These births and deaths are divided amongst the four sub-districts, as set forth in Table IV. Fifty-eight of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting Hill	36
Western Hospital	3
University College Hospital	3
Children's Hospital, Paddington	1
Children's Hospital, Great Ormond Street	2
Royal Hospital, Waterloo Road	1
London Temperance Hospital	1
Homœopathic Hospital, Fitzroy Square	1
German Hospital, Hackney	1
Hanwell Asylum	3
Leavesden Asylum	1
Middlesex County Asylum, Tooting	1
Belmont Asylum	1
Banstead Asylum	1
Other Addresses	2
	—
Total	58

The birth and death-rates, as deduced from the four weeks' statistics are as follows :—

All Souls, birth-rate 19·1 ; death-rate 8·3.

St. Mary, birth-rate 14·8 ; death-rate 9·8.

Christ Church, birth-rate 31·5 ; death-rate 13·4.

St. John, birth-rate 21·6 ; death-rate 13·9.

The whole district, birth-rate 21·8 ; death-rate 11·1.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows :—All Souls, 11·4 ; St. Mary, 14·1 ; Christ Church, 14·1 ; St. John, 19·7 ; the whole district, 14·3.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease, and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FIVE WEEKS
ENDING AUGUST 3RD, 1907, FROM CERTAIN CLASSES OF DISEASE
AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 5 weeks ending Aug. 3rd, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Aug. 3, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	16	117	1·28	3·01
2. Pulmonary, other than Phthisis	15	109	1·21	3·12
3. Tubercular	19	138	1·54	2·56

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhœa.
3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Health of the District.

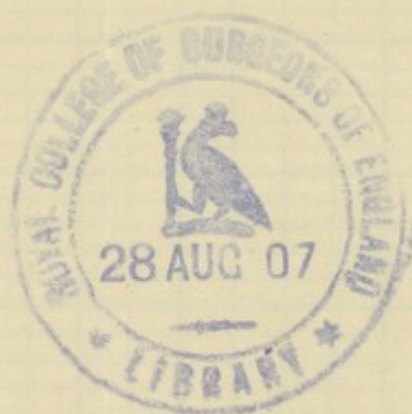
The cool breezy summer month of July, 1907. will be long remembered as one of exceptional health. The deaths from diarrhœa during the month have averaged during the previous ten years 20, but this July they are only 2, a tenth of the average number. The mortality from the infectious diseases generally is about a third of the usual amount, and the same statement may be made with regard to chest complaints. On the other hand a reference to the curve opposite page 79, will show that scarlet fever during the second week of July rose considerably above the usual level, Diphtheria also showed a slight tendency to increase.

By-laws as to Houses let in Lodgings.

These by-laws have at length been confirmed by the Local Government Board, they are practically the same as a previous set of by-laws in force some years ago. The by-laws give power to the Local Authority to register tenement houses, both owner and occupier of such registered houses have a number of duties with regard to over-crowding, cleansing, sanitation, and other matters. The advantage of having by-laws is mainly administrative ; it is not easy to prove that a dirty passage or ceiling is *per se* injurious to health, but if such a condition is an infringement of a by-law it is then only necessary to establish the fact without any theory as to the bearing of such fact on health.

The method of applying the by-laws followed on a previous occasion consisted in bringing up at each meeting of the Public Health Committee a list of houses which it was proposed to put on the register. Such lists the Committee adopted or not by resolution. This course will probably be followed.

ORIGINAL NUMBER OF CASE
PLATE NUMBER



JUL 7.

CURVE SHOWING NUMBER OF CASES OF FEVER, DIPHTHERIA, AND TYPHOID
FEVER NOTIFIED WEEK DURING 1907.

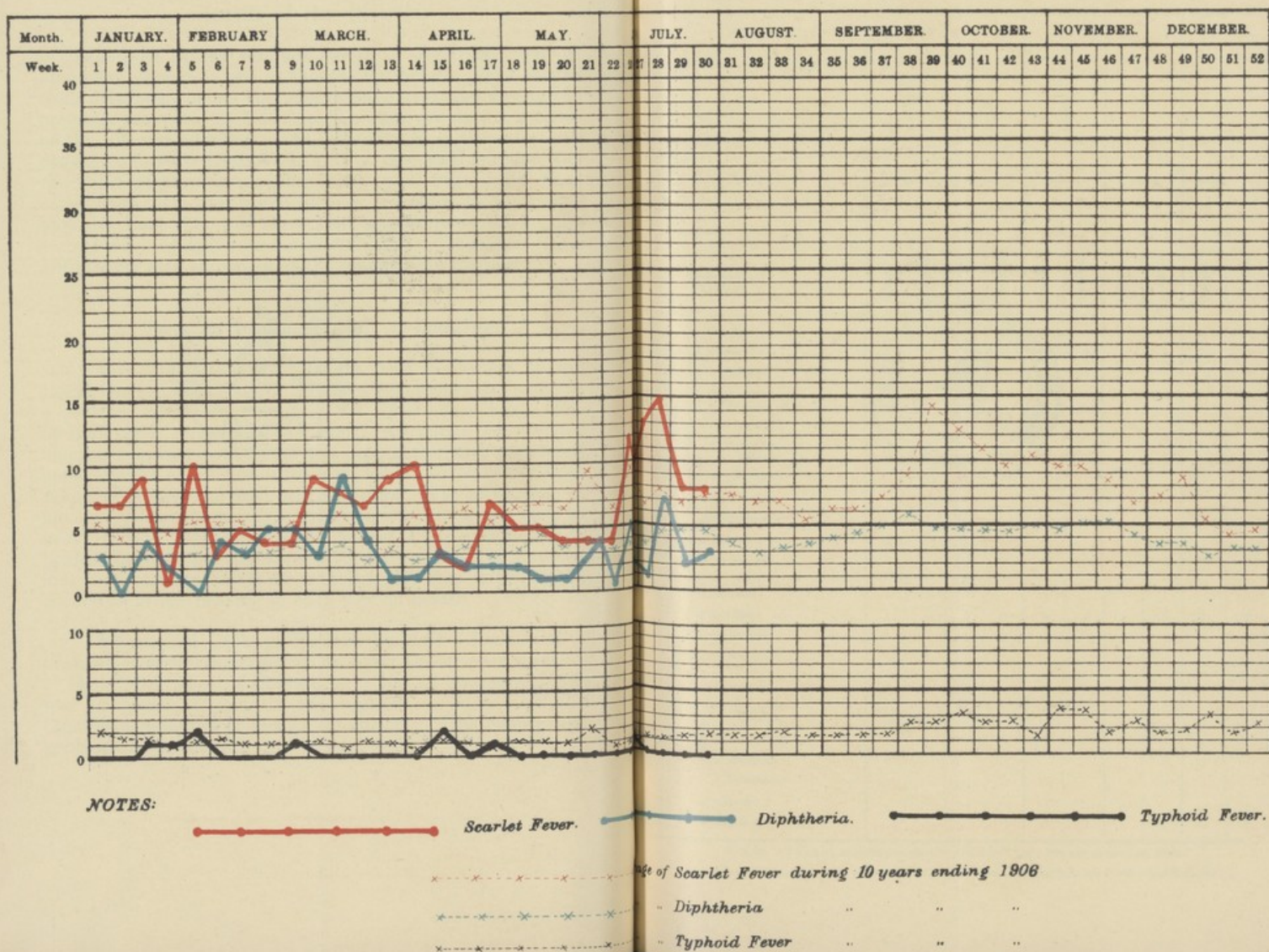




TABLE II.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during July, 1907, classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH *		ST. JOHN		Totals		
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		133,361		
	(c) Registered Births			62		13		113		42		270		
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. .. .	..	..	..	..	..	..	..	..	..
				2. Scarlatina	1	7	5	13	4	9	..	5	10	34
				3. Diphtheria .. .. .	..	..	1	5	1	4	..	..	2	9
				4. Membranous Croup.. .. .	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. .. .	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. .. .	..	..	..	..	..	..	..	..	..	..
				7. Continued .. .. .	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. .. .	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. .. .	..	..	..	..	..	..	..	..	..	..
				10. Cholera.. .. .	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. .. .	..	..	..	4	..	3	..	2	..	9
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				1. Smallpox .. .. .	..	..	..	..	..	..	..	..	..
				2. Scarlatina	1	7	5	13	4	9	..	3	10	32
				3. Diphtheria .. .. .	..	..	1	4	1	4	..	..	2	8
				4. Membranous Croup.. .. .	..	..	..	..	..	..	..	..	..	..
				5. Typhus .. .. .	..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. .. .	..	..	..	..	..	..	..	..	..	..
				7. Continued .. .. .	..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. .. .	..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. .. .	..	..	..	..	..	..	..	..	..	..
				10. Cholera .. .. .	..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. .. .	..	..	..	1	..	1	..	1	..	3

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

* One case a child aged 6 months was notified as posterior basic meningitis in the Christ Church district.

TABLE III.—Giving the Causes of Deaths during July, 1907, at Middlesex Hospital, Queen Charlotte's Lying-in Hospital, the Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth. Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhoea	1	..	..	..	2	..
Erysipelas .....	..	..	..	..	1	..
Pneumonia and Pleurisy	3	1	..	..	1	..
Pyæmia .....	..	..	..	..	..	..
Syphilis	1	..	..	..	..	..
Cancer	14	..	1	..	5	..
Phthisis & Tuberculosis	7	..	..	..	6	..
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	2	1
Paralysis .....	..	..	..	..	..	..
Bronchitis	2	..	..	..	3	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
" Heart	4	..	..	..	4	1
" Kidney .....	..	..	..	..	..	..
" Liver.....	2	..	..	..	..	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition.. ..	..	..	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	4	..	..	..	1	..
Old Age .....	..	..	..	..	2	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	..	..	..	..	..
Other causes	13	3	..	..	9	..
Total	*51	†4	**1	..	36	***2

* Of the 51 deaths in the Middlesex Hospital, 43 were those of non-parishioners.

† The 4 deaths in Queen Charlotte's Hospital were those of non-parishioners.

** The death in the Samaritan Hospital was that of a non-parishioner.

*** The 2 deaths in the Hospital of St. John were those of non-parishioners.

TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE
FIVE WEEKS ENDING AUGUST 3RD, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	38	24	14	13
*St. Mary.....	37,948	31	22	16	19
Christ Church	39,536	58	55	24	24
St. John.....	20,426	22	20	17	10
Total	133,301	149	121	71	66

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary

TABLE V.—Causes of, and Ages at, Death during the five weeks ending August 3rd, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles	4	...	4	...	...	...	...	1	2	1	...	...
Scarlet Fever	2	...	1	1	...	...	...	...	1	1	...	2
Whooping Cough	5	1	4	...	...	...	...	...	...	5	...	1
Diphtheria and Membranous Croup	1	...	...	1	...	...	...	...	...	1	...	1
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	2	2	...	...	...	...	...	...	1	...	1	3
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	...	1	...	...	...	1	...	...
Erysipelas	1	...	...	...	...	1	...	...	...	1	...	1
Other Septic Diseases... ..	1	...	...	...	...	1	...	...	...	...	1	...
Phthisis	15	1	...	1	2	10	1	2	4	6	3	11
Other Tubercular Diseases	4	...	3	1	...	...	...	1	1	1	1	5
Cancer, Malignant Disease	14	...	...	...	...	8	6	3	4	3	4	20
Bronchitis	8	...	1	...	...	1	6	1	2	4	1	5
Pneumonia	7	1	4	...	...	1	1	3	2	2	...	5
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver }	2	...	...	...	...	2	...	1	...	1	...	2
Venereal Diseases	1	1	...	...	...	...	...	1	...	...	...	1
Premature Birth	3	3	...	...	...	...	...	...	1	...	2	...
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases	12	...	...	1	...	9	2	3	4	3	2	7
Accidents... ..	2	...	...	...	...	2	...	...	...	1	1	6
Suicides	1	...	...	...	...	1	...	...	...	...	1	...
All other causes	51	6	3	...	1	17	24	11	13	17	10	35
All causes	137	15	20	5	3	54	40	27	35	48	27	105

*48 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 31ST JULY, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Total.	
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.		
Public Health (London) Act.								
Inspections.	Dwelling Houses, &c.	34	...	25	...	30	...	89
	Tenements	36	...	35	...	27	...	98
	Underground Dwellings	10	...	9	...	12	...	31
	Dairies, Milk Shops, Cow Houses	8	...	1	...	3	...	12
	Slaughter Houses	6	...	...	...	...	...	6
	Yards, Stables, and Mews	38	...	35	...	40	...	113
	Smoke Shafts	2	...	1	...	20	9	32
	Offensive Trades and Effluvia							
	Businesses ... ..	...	...	...	...	2	...	2
	Refuse Receptacles	8	...	6	...	7	25	46
Enquiries <i>re</i> removal of refuse ... ..	...	...	...	...	...	170	170	
Removal of Bodies to Mortuary ... ..	...	...	...	...	...	...	...
Visits to Works in progress	76	320	75	360	80	...	911	
Miscellaneous Inspections ..	62	175	35	250	30	3	555	
UNWHOLESOME FOOD:—								
	Number of seizures made ... ..	...	...	...	...	...	...	...
INFECTIOUS DISEASE:—								
	Cases Isolated... ..	3	...	1	...	1	...	5
	Cases Removed to Hospital	21	...	29	...	19	...	69
	Rooms Disinfected	27	...	29	...	23	...	79
NEW DRAINAGE:—								
	Number of Plans Passed ... ..	...	8	...	9	...	...	17
	New Pipe Drains (feet) ... ..	...	1549	...	1650	...	...	3199
	Houses where defects in existing Drainage have been detected and remedied ..	7	...	4	...	5	...	16
Food and Drugs Act.								
ADULTERATION.								
	Samples collected for Analysis ...	39	...	8	...	39	...	86
Correspondence, Legal Procedure, &c.								
	Complaints received	25	...	42	...	30	39	136
	Letters and Intimations relating to Abatement of Nuisances	65	...	78	...	50	30	223
	Statutory Notices Served... ..	6	...	11	...	6	...	23
	Proceedings taken before Magistrates ...	...	...	...	...	...	...	...
	Reports made to Medical Officer of Health	54	59	45	64	31	25	278

REGISTER OF SANITARY WORK

MONTH ENDING 31ST JULY, 1907.

PUBLIC HEALTH DEPARTMENT.

						Miss F. A. Baker.	Mr. R. Phillips.	Total.
Factory and Workshop Act.								
Enquiries as to Occupation ...	...	...	...	...	...	...	29	29
Factories ...	...	...	...	...	...	...	4	4
Workshops ...	...	...	...	...	...	...	6	6
Domestic Workshops...	...	...	...	...	...	...	4	4
Outworkers' Premises ...	...	...	...	...	...	...	15	15
Restaurants, &c. ...	...	...	...	...	...	...	20	20
Bakehouses ...	...	...	...	...	...	...	19	19
Elementary Schools ...	...	...	...	...	...	1	...	1
Phthisis cases ...	...	...	...	...	...	8	...	8
Birth Returns ...	...	...	...	...	...	107	...	107
Public Health (London) Act ...	...	...	...	...	...	...	...	...
Smoke Shafts ...	...	...	...	...	...	...	10	10
Offensive Trades ...	...	...	...	...	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ...	...	...	...	...	...	...	...	...
Visits to works in progress ...	...	...	...	...	...	...	4	4
Miscellaneous Inspections ...	...	...	...	...	...	6	29	35
Complaints received ...	...	...	...	...	...	...	1	1
Letters and Intimations ...	...	...	...	...	...	...	...	...
Statutory Notices, &c. ...	...	...	...	...	...	...	...	...
Proceedings taken before Magistrate ...	...	...	...	...	...	...	...	...
Reports made to M.O.H. ...	...	...	...	...	...	4	9	13



SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING AUGUST AND SEPTEMBER, 1907,

Containing a Quarterly Summary of the Mortality Statistics for the Quarter ending September 28th, 1907, and the Quarterly Statement of Analytical Work done under the Sale of Food and Drugs Act, &c.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., OCTOBER 12TH, 1907. No. 8.

The week ending August 10th was fair and warm. Minimum temperature, 50.5° ; maximum, 77.0° ; mean, 64.2° . On two days rain fell to the extent of 0.08 inch. Winds S.W. and W.S.W. Sunshine 33.7%. Mean barometer, 29.8 inches.

The week ending August 17th was showery and unsettled. Minimum temperature, 50.0° ; maximum, 73.0° ; mean, 63.3° . On three days rain fell (0.62) inch. Winds W.S.W. and S.W. Sunshine 44.7%. Mean barometer, 29.8 inches.

The week ending August 24th was similar to the preceding week. Minimum temperature, 46.0° ; maximum, 69.5° ; mean, 58.1° . On three days rain fell (0.46 inch). Winds W. and W.S.W. Sunshine 35.5%. Mean barometer, 30.0 inches.

The week ending August 31st was also unsettled. Minimum temperature, 46.0° ; maximum, 75.2° ; mean, 63.0° . On two days rain fell (0.40 inch). Winds variable. Sunshine 42.6%. Mean barometer, 30.0 inches.

The week ending September 8th was one of unsettled weather. Minimum temperature, 45.5° . Maximum, 70.0° . Mean, 59.3° . On four days rain fell to the total amount of 0.54 inch. Winds S.W. and variable. Sunshine, 17.9%. Mean barometer, 29.8 inches.

The week ending September 14th marked the commencement of a dry summery period. Minimum temperature 43.0° ; maximum 72.5° ; mean 62.6° . Winds S.E. Sunshine 45.8%. Mean barometer, 30.2 inches.

The week ending September 21st was similar in weather but dull and overcast. Minimum temperature, 45.5° ; maximum, 71.0° ; mean, 63.5° . Sunshine 68%. Winds S.E. and S.S.E. Mean barometer, 30.3 inches.

The week ending September 28th was bright and summery. Minimum temperature, 39.0° ; maximum, 79.8° ; mean, 61.1° . On two days rain fell 0.08 inch. Sunshine 47.4%. Mean barometer, 29.9 inches.

Quarterly Summary.

During the thirteen weeks ending September 28th, there have been registered 669 births and 361 deaths. These births and deaths are divided amongst the sub-districts, as set forth in Tables VIII and XVIII. One hundred and sixty-six of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting Hill	108
St. Mary's Hospital	7
Western Fever Hospital	4
North West Fever Hospital	2
St. Bartholomew's	1
Westminster Hospital	1
University College Hospital	6
King's College Hospital	1
Children's Hospital, Paddington	3
Children's Hospital, Great Ormond Street	2
Hanwell Asylum	6
Colney Hatch	1
Banstead Asylum	2
Hoxton Asylum	1
Darenth Asylum	1
Leavesden Asylum	1
Middlesex Asylum, Tooting	1
Belmont Asylum	1
Central Sick Asylum	1
Paddington Infirmary	1
London Temperance Hospital	2
St. Peter's Hospital	1
Camberwell Workhouse	1
Royal Hospital, Waterloo Road	1
Homœopathic Hospital, Fitzroy Square	1
German Hospital	1
Other Addresses	8
<hr/>	
Total	166

The birth and death-rates, as deduced from the thirteen weeks' statistics are as follows :—

All Souls, birth-rate 16·1 ; death-rate 9·1.

St. Mary, birth-rate 18·4 ; death-rate 10·5.

Christ Church, birth-rate 28·1 ; death-rate 14·0.

St. John, birth-rate 17·8 ; death-rate 10·8.

The whole district, birth-rate 20·8 ; death-rate 11·2.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows :—All Souls, 12·8 ; St. Mary, 15·2 ; Christ Church, 16·6 ; St. John, 21·4 ; the whole district, 15·9.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease, and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE THIRTEEN WEEKS ENDING SEPTEMBER 25TH, 1907, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 13 weeks ending Sept. 25th, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending Sept. 25, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	36	99	1·12	3·54
2. Pulmonary, other than Phthisis	30	75	0·93	1·86
3. Tubercular	57	158	1·77	2·01

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhœa.

3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Health of the District during the September Quarter.

A striking result of the cool summer is the low incidence of sickness and death from diarrhoea and intestinal maladies. The average deaths during the quarter for the past ten years from diarrhoeal maladies is 76, the number varying from a minimum of 26 in 1903 to a maximum of 146 in 1899.

This year, however, the deaths from this cause only amount to 11.

Pulmonary complaints have also been below the average, as well as deaths from consumption.

Notification of Births Act, 1907.

The Notification of Births Act, 1907, received the final sanction on August 28th. It is a decided step indirectly in the right direction, and in those localities in which the Act is adopted will assist greatly in the prevention of infant mortality.

Leaving on one side the complicated and rather lengthy steps to be taken to put the Act in force, the essential provisions are simply as follows: Notification of a birth must be given within 36 hours to the Officers of the local Sanitary Authority. This duty is cast upon the father, should he be actually residing in the house, and any person "in attendance upon the mother at the time of or within six hours after the birth."

In this district arrangements have been made with the Registrars of Births and Deaths to give weekly lists of births registered. Should the Council elect to adopt the Act these lists will be unnecessary, and the place and date of every birth will be known at the Sanitary Office within two days of its occurrence.

The Laboratory—Sale of Food and Drugs Acts.

246 samples have been analysed during the past quarter. A full list is given on page 99, Table XII.

Of these, four samples of milk were returned as adulterated and two samples of whisky.

One of the samples of milk was just below standard, and no prosecution followed.

Edwin Puzey, of 53, Charlbert Street, was fined £1 and 12s. 6d. costs for selling milk deficient in milk fat to the extent of 20 per cent.

The vendor of a sample of milk deficient in milk fat to the extent of 18 per cent. put in a warranty, and the case was dismissed.

A fourth sample of adulterated milk is still *sub judice*.

None of the milks contained any preservatives. 23 were slightly coloured with annatto.

Two samples of cream contained small quantities of boron preservative, equal respectively to half a grain and nine-tenths of a grain per lb. of boric acid.

A sample of raisin wine contained $4\frac{1}{2}$ grains, and a sample of ginger wine 6 grains per pint, of boric acid.

A Frankfort sausage (undivided) contained the large quantity of 21 grains of boric acid per lb. The Inspector attempted to get an official (divided) sample, but failed.

Two tins of peas and one tin of spinach contained 2 to 3 grains of copper sulphate to the lb. These tins were protected by a label stating that a small quantity of copper had been added to preserve the colour.

The two samples of whisky were only slightly diluted below the standard. In each case the vendor called attention to a notice in the bar informing his customers that his spirits were diluted.

TABLE II.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during August 1907, classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH *		ST. JOHN		Totals			
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		133,361			
	(c) Registered Births			25		74		86		30		215			
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards		
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				2. Scarlatina .. ..	.. ..	6	2	6	6	9	3	3	11	24	
				3. Diphtheria .. ..	.. ..	2	2	..	1	3	1	..	..	5	4
				4. Membranous Croup.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				5. Typhus .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				6. Enteric or Typhoid .. ..	.. ..	..	1	..	2	..	..	..	2	..	5
				7. Continued .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				8. Relapsing .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				9. Puerperal .. ..	.. ..	..	1	..	..	..	..	..	..	..	1
				10. Cholera.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				11. Erysipelas .. ..	.. ..	1	..	..	2	..	4	..	..	..	7
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				1. Smallpox .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				2. Scarlatina .. ..	.. ..	6	2	6	6	8	3	3	11	23	
				3. Diphtheria .. ..	.. ..	1	2	..	1	2	1	..	..	3	4
				4. Membranous Croup.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				5. Typhus .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				6. Enteric or Typhoid .. ..	.. ..	..	..	1	..	..	..	1	..	2	
				7. Continued .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				8. Relapsing .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				9. Puerperal .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				10. Cholera .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..
				11. Erysipelas .. ..	.. ..	1	..	..	1	..	2	..	..	..	4

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during September, 1907; classified according to DISEASES, AGES, AND LOCALITIES.

(a)				ALL SOULS		ST. MARY *		CHRIST CHURCH *		ST. JOHN		Totals *			
POPULATION AT ALL AGES.	(b) Census 1901			35,391		37,948		39,536		20,426		138,301			
	(c) Registered Births			49		44		63		28		184			
(d) Aged under 5 or over 5				Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards		
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. .. .		..	..	..	..	..	..	..	..
				2. Scarlatina		9	17	3	11	6	12	1	8	19	48
				3. Diphtheria .. .. .		..	1	1	3	2	1	..	..	3	5
				4. Membranous Croup .. .. .		..	..	..	..	..	..	..	..	..	..
				5. Typhus .. .. .		..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. .. .		..	..	..	1	..	..	..	..	..	1
				7. Continued .. .. .		..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. .. .		..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. .. .		..	1	..	..	..	..	..	..	..	1
				10. Cholera .. .. .		..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. .. .		..	..	..	2	1	5	..	1	1	8
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.				1. Smallpox .. .. .		..	..	..	..	..	..	..	..
				2. Scarlatina		9	17	3	11	6	12	1	8	19	48
				3. Diphtheria .. .. .		..	1	1	3	2	1	..	..	3	5
				4. Membranous Croup .. .. .		..	..	..	..	..	..	..	..	..	..
				5. Typhus .. .. .		..	..	..	..	..	..	..	..	..	..
				6. Enteric or Typhoid .. .. .		..	..	..	..	..	..	..	..	..	..
				7. Continued .. .. .		..	..	..	..	..	..	..	..	..	..
				8. Relapsing .. .. .		..	..	..	..	..	..	..	..	..	..
				9. Puerperal .. .. .		..	1	..	..	..	..	..	..	..	1
				10. Cholera .. .. .		..	..	..	..	..	..	..	..	..	..
				11. Erysipelas .. .. .		..	..	..	2	..	..	..	..	..	2

* St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

* One case of a child aged 6 months was notified as posterior basic meningitis in the Christ Church district.

* Two cases of Cereb. op. meng. One in the Christ Church district. One in St. Marys.

TABLE IV.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during September quarter, 1907; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		ST. MARY*		CHRIST CHURCH		ST. JOHN		Totals	
POPULATION AT ALL AGES.	(b) Census 1901	35,391		37,948		39,536		20,426		133,301	
	(c) Registered Births	136		171		262		100		669	
(d) Aged under 5 or over 5.		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	1. Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..
	2. Scarletina	10	30	10	30	13	30	4	16	40	106
	3. Diphtheria	2	3	2	9	6	6	..	..	10	18
	4. Membranous Croup .. .. .	..	..	..	..	..	..	..	..	..	..
	5. Typhus .. .. .	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid .. .. .	..	1	..	3	..	..	..	2	..	6
	7. Continued .. .. .	..	..	..	..	..	..	..	..	..	..
	8. Relapsing .. .. .	..	..	..	..	..	..	..	..	..	..
	9. Puerperal .. .. .	..	2	..	..	..	..	..	..	..	2
	10. Cholera .. .. .	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas	1	..	..	8	1	12	..	3	2	23
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..
	2. Scarletina	10	30	10	30	16	29	4	13	40	102
	3. Diphtheria	1	3	2	8	5	6	..	..	8	17
	4. Membranous Croup .. .. .	..	..	..	..	..	..	..	..	..	..
	5. Typhus .. .. .	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid .. .. .	..	..	..	1	..	..	..	1	..	2
	7. Continued .. .. .	..	..	..	..	..	..	..	..	..	..
	8. Relapsing .. .. .	..	..	..	..	..	..	..	..	..	..
	9. Puerperal .. .. .	..	..	..	..	..	..	..	..	..	..
	10. Cholera .. .. .	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas	1	..	..	4	..	3	..	1	..	9

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.

TABLE V.—Giving the Causes of Deaths during the September quarter, 1907, at Middlesex Hospital, Queen Charlotte's Lying-in Hospital, the Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth. Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	1	..
Diarrhoea	1	..	..	..	3	..
Erysipelas .....	..	..	..	..	2	..
Pneumonia and Pleurisy	5	2	..	..	3	..
Pyæmia	2	..	..	..	..	..
Syphilis	1	..	..	..	..	..
Cancer	28	..	2	..	15	..
Phthisis & Tuberculosis	13	..	..	..	30	3
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	2	1
Paralysis .....	..	..	..	..	..	..
Bronchitis	6	..	..	..	8	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart	13	..	..	..	7	1
„ Kidney	3	..	..	..	..	..
„ Liver... ..	4	..	..	..	1	..
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition.....	..	1	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	6	..	..	..	1	1
Old Age .....	..	..	..	..	3	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	4	..	..	..	..
Other causes	32	7	..	2	32	..
Total	*114	†14	**2	2	108	***6

* Of the 114 deaths in the Middlesex Hospital, 97 were those of non-parishioners

† 13 out of the 14 deaths in Queen Charlotte's Hospital were those of non-parishioners.

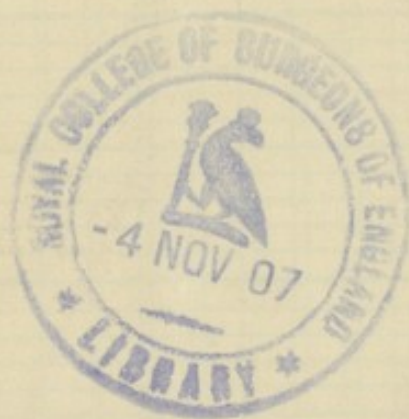
** The deaths in the Samaritan Hospital were those of non-parishioners.

*** The 6 deaths in the Hospital of St. John were those of non-parishioners.

TABLE VI.—Causes of, and Ages at, Death during the four weeks ending August 31st, 1907, in the Borough of St. Marylebone.

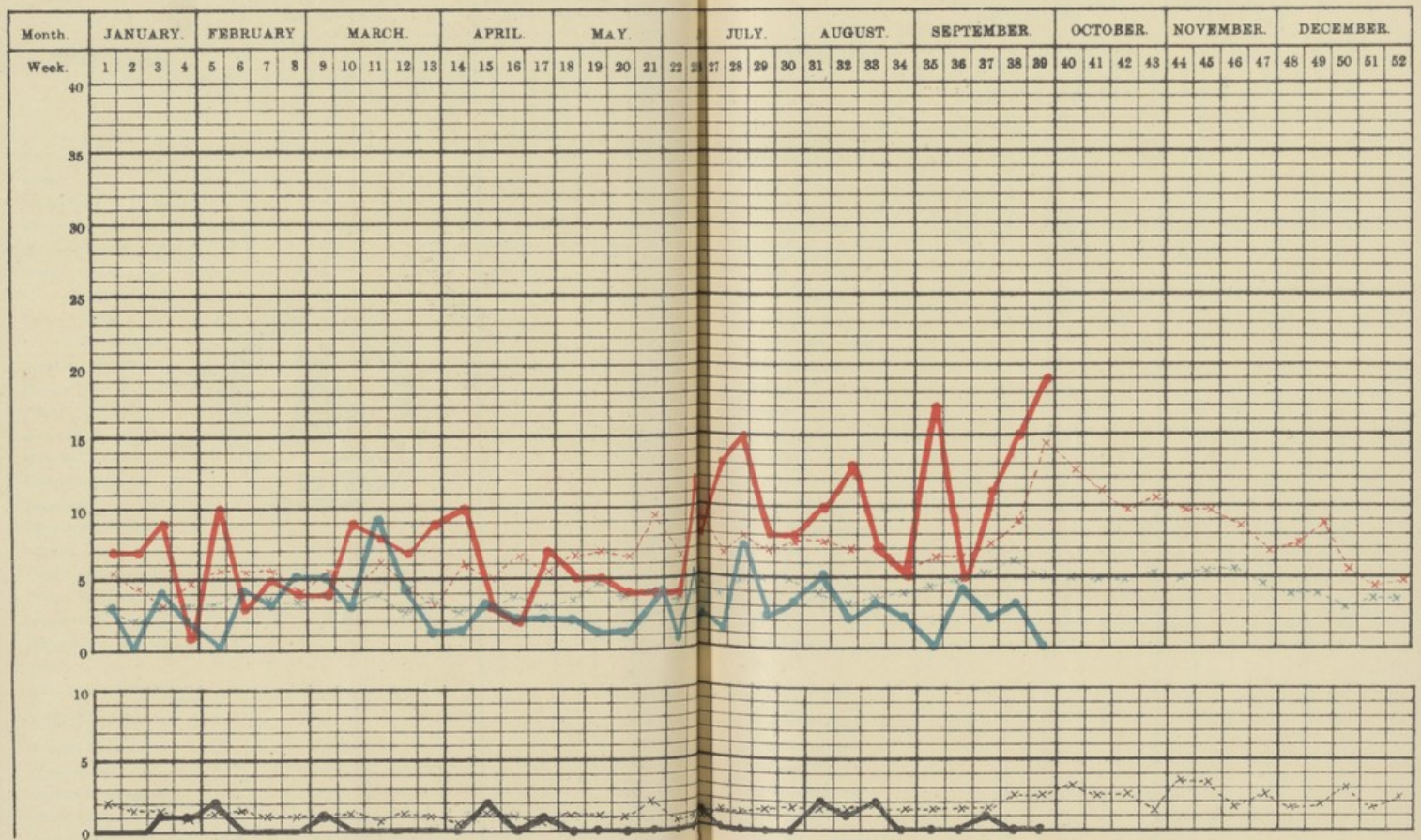
CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	5	2	3	...	...	...	...	1	1	2	1	...
Diphtheria and Membranous Croup	3	1	2	...	...	...	...	1	...	2	...	1
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric	1	...	...	...	...	1	...	...	...	1	...	1
Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	2	...	2	...	...	...	...	...	1	1	...	...
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	1
Erysipelas	1	...	...	...	...	1	...	...	...	1	...	1
Other Septic Diseases... ..	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis	13	...	...	1	...	11	1	5	2	5	1	5
Other Tubercular Diseases	2	...	...	...	...	2	...	1	1	...	...	1
Cancer, Malignant Disease	10	...	...	...	...	7	3	2	4	1	3	6
Bronchitis	5	1	...	...	...	3	1	2	1	1	1	2
Pneumonia	1	1	...	...	...	...	...	1	...	...	...	1
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	1	...	...	...	...	1	...	1	...	...	...	...
Alcoholism } Cirrhosis of Liver }	7	...	...	...	2	5	...	3	3	...	1	3
Venereal Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth	2	2	...	...	...	...	...	...	1	1	...	2
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	1
Heart Diseases	12	...	...	...	2	7	3	3	2	5	2	3
Accidents... ..	3	1	1	...	...	1	...	1	...	2	...	...
Suicides	1	...	...	...	...	1	...	1	...	...	...	...
All other causes... ..	42	11	...	3	2	13	13	6	13	18	5	22
All causes	111	19	8	4	6	53	21	28	29	40	14	50

*32 of these were Non-Parishioners.



AUGUST and SEPTEMBER, 1907.

CURVE SHOWING NUMBER OF CASES SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER NOTIFIED BY WEEK DURING 1907.



NOTES:

—●—●—●—●—●— Scarlet Fever.
 —●—●—●—●—●— Diphtheria.
 —●—●—●—●—●— Typhoid Fever.

- - - x - - - Average of Scarlet Fever during 10 years ending 1906.

- - - x - - - " Diphtheria " " "

- - - x - - - " Typhoid Fever " " "

THE BUREAU OF HYGIENE AND TYPHOID
WATER BORING BOY

THE BUREAU OF HYGIENE AND TYPHOID
WATER BORING BOY

TABLE VII.—Causes of, and Ages at, Death during the four weeks ending September 28th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	1	...	...	...	...	1	...	...	...	1	...	1
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup ...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ...	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	1	...	...	...	...	...	1	...	...	1	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	5	3	1	...	...	1	...	...	...	5	...	3
Enteritis ...	2	...	2	...	...	...	...	...	...	2	...	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases ...	2	...	...	...	...	1	1	1	...	1	...	3
Phthisis ...	18	...	...	1	2	12	3	3	6	8	1	21
Other Tubercular Diseases ...	5	2	2	...	1	...	...	1	2	2	...	5
Cancer, Malignant Disease ...	12	...	...	...	...	9	3	3	2	3	4	8
Bronchitis ...	3	...	...	...	...	2	1	...	1	1	1	3
Pneumonia ...	5	1	1	...	...	1	2	...	2	3	...	2
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs ...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver }	2	...	...	...	...	2	...	1	...	1	...	3
Venereal Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth ...	1	1	...	...	...	...	...	...	1	...	...	2
Diseases and Accidents of Parturition ...	1	...	...	...	...	1	...	...	1	...	...	...
Heart Diseases ...	8	...	...	1	...	5	2	3	2	2	1	6
Accidents ...	4	1	...	...	1	2	...	1	2	1	...	2
Suicides ...	1	...	...	...	...	...	1	...	...	1	...	...
All other causes...	42	5	2	1	...	15	19	9	15	11	7	40
All causes ...	113	13	8	3	4	52	33	22	34	43	14	99*

*34 of these were Non-Parishioners.

TABLE VIII.—Causes of, and Ages at, Death during the 13 weeks ending September 28th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	4	...	...	4	...	...	...	1	2	1	...	...
Scarlet Fever ...	3	...	1	1	...	1	...	...	1	2	...	3
Whooping Cough ...	10	3	7	...	...	...	...	1	1	7	1	1
Diphtheria and Mem- branous Croup	4	1	2	1	...	...	...	1	...	3	...	2
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...
Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ...	1	...	...	...	...	1	...	...	...	1	...	1
Other continued	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	1	...	...	...	...	...	1	...	...	1	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	9	5	3	...	...	1	...	...	2	6	1	6
Enteritis ...	2	2	...	...	...	...	...	...	...	2	...	...
Puerperal Fever ...	1	...	...	...	...	1	...	...	...	1	...	1
Erysipelas ...	2	...	...	...	...	2	...	...	...	2	...	2
Other Septic Diseases ...	3	...	...	...	...	2	1	1	...	1	1	3
Phthisis ...	46	1	...	3	4	34	4	10	12	19	5	37
Other Tubercular Diseases	11	3	4	1	1	2	...	3	4	3	1	11
Cancer, Malignant Disease	36	...	...	...	...	22	14	8	10	7	11	34
Bronchitis ...	16	1	1	...	...	6	8	3	4	6	3	10
Pneumonia ...	13	3	5	...	...	2	3	4	4	5	...	8
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	1	...	...	...	...	1	...	1	...	...	...	...
Alcoholism Cirrhosis of Liver }	11	...	...	...	2	9	...	5	3	2	1	8
Venereal Diseases ...	1	1	...	...	...	...	...	1	...	...	...	1
Premature Birth ...	6	6	...	...	...	...	...	...	3	1	2	4
Diseases and Accidents of Parturition	1	...	...	...	...	1	...	...	1	...	...	1
Heart Diseases ...	32	...	...	1	2	21	8	9	8	10	5	16
Accidents ...	9	2	1	...	2	4	...	2	2	4	1	8
Suicides ...	3	...	...	...	...	2	1	1	...	1	1	...
All other causes...	135	22	8	1	3	45	56	26	41	46	22	97
All causes ...	361	50	32	12	14	157	96	77	98	131	55	254*

*118 of these were Non-Parishioners.

TABLE IX.—DISTRICT BIRTHS AND DEATHS FOR THE
FOUR WEEKS ENDING AUGUST 31ST, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	13	12	18	10
*St. Mary	37,948	39	35	18	11
Christ Church	39,536	47	39	27	13
St. John	20,426	13	17	6	8
Total	133,301	112	103	69	42

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE X.—DISTRICT BIRTHS AND DEATHS FOR THE
FOUR WEEKS ENDING SEPTEMBER 28TH, 1906.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls.....	35,391	27	22	13	9
*St. Mary	37,948	22	22	20	14
Christ Church	39,536	28	35	26	17
St. John.....	20,426	17	11	5	9
Total	133,301	94	90	64	49

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE XI.—DISTRICT BIRTHS AND DEATHS FOR THE
THIRTEEN WEEKS ENDING SEPTEMBER 28TH, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	78	58	45	32
*St. Mary.....	37,948	92	79	54	44
Christ Church	39,536	133	129	77	54
St. John.....	20,426	52	48	28	27
Total	133,301	355	314	204	157

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary

TABLE XII.—SALE OF FOOD AND DRUGS ACTS.

SAMPLES ANALYSED DURING SEPTEMBER QUARTER, 1907.

	Genuine.	Adulteration.	Total.
DAIRY PRODUCTS—			
Milk	73	4	77
Butter	21	—	21
Cream	2	—	2
Cheese	1	—	1
Margarine	2	—	2
Lard	2	—	2
ALCOHOLIC BEVERAGES—			
Whisky	28	2	30
Brandy	3	—	3
Rum	4	—	4
Gin	6	—	6
Port Wine	1	—	1
Beer	3	—	3
NON-ALCOHOLIC BEVERAGES—			
Tea	1	—	1
Coffee	3	—	3
Coffee and Chicory	1	—	1
CONDIMENTS—			
Pepper	5	—	5
Mustard	2	—	2
SACCHARINE SUBSTANCES—			
Sugar	1	—	1
Jam	6	—	6
Sweets	2	—	2
TINNED AND BOTTLED GOODS—			
Condensed Milk	6	—	6
Salmon	4	—	4
Sardines	5	—	5
Corned Beef	2	—	2
Tongue	4	—	4
Turkey and Tongue Paste	3	—	3
Chicken and Ham Paste	2	—	2
Bloater Paste	4	—	4
Shrimp and Salmon Paste	1	—	1
Prawns	1	—	1
Oysters	1	—	1
Apricots	2	—	2
Peaches	1	—	1
Pears	1	—	1
Pineapple	3	—	3
Tomatoes	1	—	1
Peas	2	—	2
Spinach	1	—	1
Salad Cream	1	—	1
Sausages	1	—	1
MISCELLANEOUS—			
Pickles	1	—	1
Sauce	6	—	6
Ketchup	5	—	5
Tomato Relish	1	—	1
Chocolate Powder	1	—	1
Custard Powder	1	—	1
Liquorice Powder	3	—	3
Ice Cream	3	—	3
Corn Flour	1	—	1
Pea Flour	1	—	1
Raisin Wine	2	—	2
Ginger Wine	2	—	2
	240	6	246

REGISTER OF SANITARY WORK

MONTH ENDING 31ST AUGUST, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Total.	
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.		
Public Health (London) Act.								
Inspections.	Dwelling Houses, &c.	35	...	37	...	34	...	106
	Tenements	17	...	15	...	27	...	59
	Underground Dwellings	11	...	12	...	13	...	36
	Dairies, Milk Shops, Cow Houses	12	...	9	...	6	...	27
	Slaughter Houses	4	...	...	...	1	...	5
	Yards, Stables, and Mews	34	...	45	...	40	...	119
	Smoke Shafts	10	...	15	...	18	16	59
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...
	Refuse Receptacles	6	...	5	...	7	25	43
	Enquiries <i>re</i> removal of refuse	...	...	...	...	...	256	256
	Removal of Bodies to Mortuary ...	...	...	1	...	1	...	2
Visits to Works in progress	48	219	65	230	60	...	622	
Miscellaneous Inspections	46	130	45	126	50	5	402	
UNWHOLESOME FOOD :—								
Number of seizures made ... ..		...	...	...	...	...	...
INFECTIOUS DISEASE :—								
Cases Isolated... ..		2	...	1	...	1	...	4
Cases Removed to Hospital		11	...	25	...	23	...	59
Rooms Disinfected		16	...	26	...	28	...	70
NEW DRAINAGE :—								
Number of Plans Passed ... ..		...	...	...	...	...	...
New Pipe Drains (feet) ... ..		...	1320	...	1540	...	...	286
Houses where defects in existing Drainage have been detected and remedied		5	...	4	...	6	...	15
Food and Drugs Act.								
ADULTERATION.								
Samples collected for Analysis ...		9	...	40	...	27	...	76
Correspondence, Legal Procedure, &c.								
Complaints received		21	...	27	...	24	28	100
Letters and Intimations relating to Abatement of Nuisances		28	...	29	...	29	20	106
Statutory Notices Served... ..		2	...	7	...	1	...	10
Proceedings taken before Magistrates		...	...	...	...	...	...	...
Reports made to Medical Officer of Health		32	31	37	32	30	33	195

REGISTER OF SANITARY WORK

MONTH ENDING 31ST AUGUST, 1907.

PUBLIC HEALTH DEPARTMENT.

	Miss F. A. Baker.	Miss E. G. M. Johnson.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation ... ..	...	...	21	21
Factories ... ..	...	...	2	2
Workshops	4	...	43	47
Domestic Workshops... ..	...	...	...	...
Outworkers' Premises ... ..	...	...	10	10
Restaurants, &c. ... ..	...	...	29	29
Bakehouses ... ..	...	...	18	18
Elementary Schools ... ..	...	...	...	...
Phthisis cases	8	22	...	30
Birth Returns	28	181	...	209
Public Health (London) Act ... ..	...	...	...	...
Smoke Shafts ... ..	...	...	10	10
Offensive Trades ... ..	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	2	...	39	41
Miscellaneous Inspections	29	27	42	98
Complaints received ... ..	...	1	16	17
Letters and Intimations	1	...	...	1
Statutory Notices, &c. ... ..	...	...	...	...
Proceedings taken before Magistrate ... ..	...	...	...	..
Reports made to M.O.H.	3	3	18	24

REGISTER OF SANITARY WORK

MONTH ENDING 30TH SEPTEMBER, 1907.

PUBLIC HEALTH DEPARTMENT.

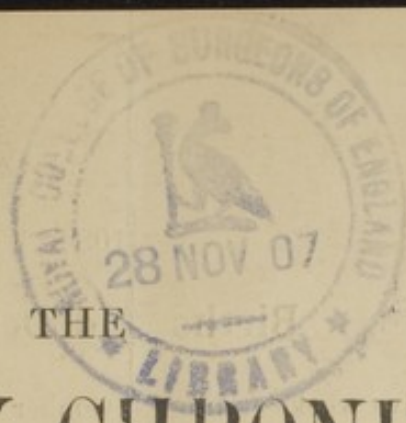
				District Inspectors.							
				Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Total.	
Public Health (London) Act.											
Inspections.	Dwelling Houses, &c.	...	...	42	...	39	...	38	...	119
	Tenements	...	...	41	...	25	...	35	...	101
	Underground Dwellings	...	...	18	...	20	...	15	...	53
	Dairies, Milk Shops, Cow Houses	...	...	16	...	14	...	29	...	59
	Slaughter Houses	...	...	5	...	1	...	2	...	8
	Yards, Stables, and Mews	...	...	46	...	45	...	46	...	137
	Smoke Shafts	...	...	14	...	15	...	20	...	49
	Offensive Trades and Effluvia Businesses	...	...	...	...	...	...	1	...	1
	Refuse Receptacles	...	...	8	...	9	...	8	40	65
	Enquiries <i>re</i> removal of refuse	...	...	...	...	...	...	...	215	215
Removal of Bodies to Mortuary	...	...	...	...	...	...	...	...	...
Visits to Works in Progress	...	...	76	347	75	250	80	...	828	
Miscellaneous Inspections	...	...	64	103	65	170	47	...	449	
UNWHOLESOME FOOD:—											
Number of seizures made				...	...	...	...	...	...	...
INFECTIOUS DISEASE:—											
Cases Isolated				...	...	...	...	...	...	...
Cases removed to Hospital				...	...	22	...	28	...	65
Rooms Disinfected				...	...	22	...	30	...	73
NEW DRAINAGE:—											
Number of Plans Passed				...	24	...	42	...	...	66
New Pipe Drains (feet)				...	1106	...	875	...	...	1981
Houses where defects in existing Drainage have been detected and remedied				...	6	3	2	...	4	...	15
Food and Drugs Act.											
ADULTERATION.											
Samples collected for Analysis				...	25	...	24	...	29	...	78
Correspondence, Legal Procedure, &c.											
Complaints received				...	27	...	29	...	26	26	108
Letters and Intimations relating to Abatement of Nuisances				...	46	...	47	...	43	20	156
Statutory Notices Served...				...	8	...	9	...	9	...	26
Proceedings taken before Magistrates				...	1	...	2	3
Reports made to Medical Officer of Health				...	37	33	35	45	30	16	196

REGISTER OF SANITARY WORK

MONTH ENDING 31ST SEPTEMBER, 1907.

PUBLIC HEALTH DEPARTMENT.

	Miss F. A. Baker.	Miss E. G. M. Johnson.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation ... ..	...	...	39	39
Factories ... ..	...	...	4	4
Workshops	29	...	53	82
Domestic Workshops...	...	...	...	...
Outworkers' Premises...	...	...	...	...
Restaurants, &c. ... ..	...	...	14	14
Bakehouses ... ..	...	...	89	89
Elementary Schools ... ..	...	3	...	3
Phthisis cases	43	2	...	45
Birth Returns	133	117	...	250
Public Health (London) Act ... ..	...	...	...	...
Smoke Shafts ... ..	...	...	18	18
Offensive Trades ... ..	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	3	...	28	31
Miscellaneous Inspections	83	2	98	183
Complaints received	8	...	10	18
Letters and Intimations	4	...	...	4
Statutory Notices, &c. ... ..	...	...	...	...
Proceedings taken before Magistrate ... ..	...	...	...	...
Reports made to M.O.H.	10	...	24	34



THE
SANITARY CHRONICLES
OF THE
BOROUGH OF ST. MARYLEBONE

DURING OCTOBER, 1907,

BY ALEXANDER WYNTER BLYTH,

Medical Officer of Health and Analyst of Food and Drugs
for the Borough of St. Marylebone.

PRINTED BY ORDER OF THE COUNCIL.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., NOV. 12TH, 1907. No. 9.

The week ending October 5th was wet, on five days rain falling to the total amount of 0·3 inch. Minimum temperature, 40·5°; maximum, 65·8°; mean, 55·5°. Winds variable. Sunshine 26·9%. Mean barometer, 29·7 inches.

The week ending October 12th was also wet, rain falling on six days to the total amount of 0·7 inch. Minimum temperature, 41·8°; maximum, 62·5°; mean, 56·0°. Winds S.E. and N.N.E. Sunshine 25·9%. Mean barometer, 29·6 inches.

The week ending October 19th had the heaviest rainfall, rain falling every day save one to the total amount of 0·99 inch. Minimum temperature, 40·5°; maximum, 61·2°; mean, 52·3°. Winds S.S.W. and S.E. Sunshine 25·5%. Mean barometer, 29·3 inches.

The week ending October 26th was dull, and more or less fog prevailed for three days. Minimum temperature, 38·2°; maximum, 62·8°; mean, 50·9°. Rain fell on three days to the extent of 0·22 inch. Sunshine 23·0%. Mean barometer, 29·7 inches.

The week ending November 2nd was gloomy, overcast and mostly foggy, bright sunshine being absent. Minimum temperature, 37·8°. Maximum, 58·2°. Mean, 49·8°. On three days rain fell (0·34 inch). Winds S.W. and E.S.E. Mean barometer, 29·5 inches.

During the five weeks there were no less than 23 rainy days, with a total rainfall of 2·55 inches.

Births and Deaths.

During the five weeks ending November 2nd, there have been registered 238 births and 152 deaths. These births and deaths are divided amongst the four sub-districts, as set forth in Table II. Fifty-five of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting Hill ..	..	38
St. Mary's Hospital ..	..	6
Western Hospital ..	..	3
North West Hospital ..	..	1
Northern Hospital ..	..	1
Children's Hospital, Paddington ..	..	1
Children's Hospital, Great Ormond Street ..	..	1
University Hospital ..	..	1
Holborn Workhouse ..	..	1
Other Addresses ..	..	2
		—
Total		55

The birth and death-rates, as deduced from the five weeks' statistics are as follows :—

All Souls, birth-rate 16·3 ; death-rate 8·3.

St. Mary, birth-rate 15·4 ; death-rate 12·0.

Christ Church, birth-rate 25·3 ; death-rate 15·6.

St. John, birth-rate 20·1 ; death-rate 12·3.

The whole district, birth-rate 19·3 ; death-rate 12·3.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows :—All Souls, 11·5 ; St. Mary, 14·3 ; Christ Church, 14·6 ; St. John, 19·1 ; the whole district, 14·4.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease, and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FIVE WEEKS
ENDING NOVEMBER 2ND, 1907, FROM CERTAIN CLASSES OF DISEASE
AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 5 weeks ending Nov. 2nd, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Nov. 2, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	18	118	1.16	1.71
2. Pulmonary, other than Phthisis	26	191	2.10	2.56
3. Tubercular	11	72	0.88	1.81

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhœa.
3. Includes Phthisis, Scrofula, Rickets, and Tabes.

Scarlet Fever.

Scarlet fever during the month throughout the metropolis has been unduly prevalent, the curve for St. Marylebone however, only shows a moderate increase, and a reference to Table 1, page 109 shows that the mortality from all infectious fevers is slightly lower than for the corresponding period during the last ten years.

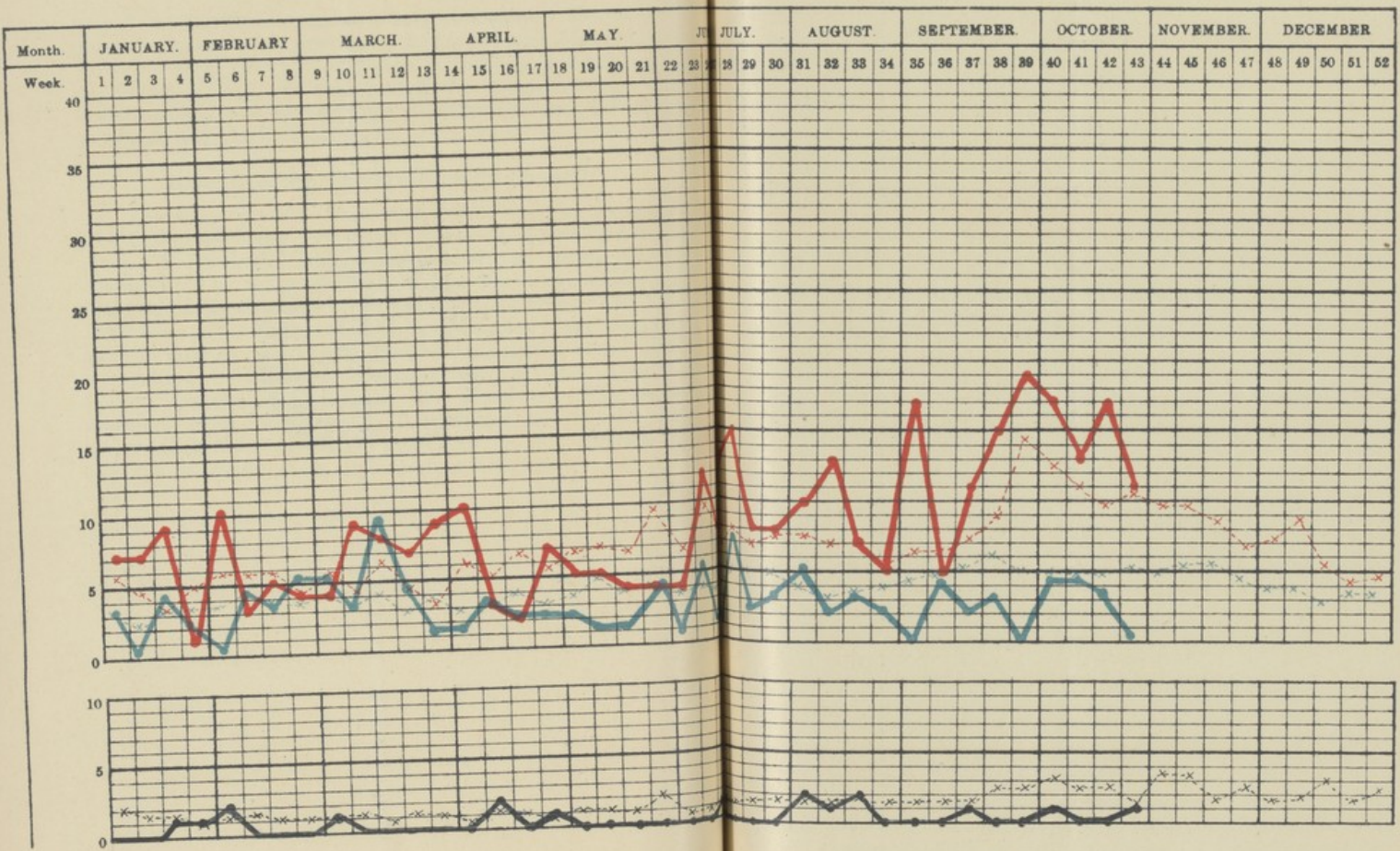
Appeal to the London County Council.

The Architect of an important Public building designed and had constructed two manhole chambers with channels made of Portland Cement instead of the usual glazed channels. The writer declined to pass the same considering that the said channels were not in accordance with the Bye-laws. The Architect argued that they were equally efficient and, on the Public Health Committee confirming the action of their officer, appealed to the London County Council. The appeal was dismissed. The case therefore must be taken as a precedent, and it will not be prudent for builders or architects in this district to attempt to make such channels in cement.



OCTOBER 1907.

CURVE SHOWING NUMBER OF CASES OF SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER NOTIFIED WEEKLY DURING 1907.



NOTES:

—●— Scarlet Fever. —●— Diphtheria. —●— Typhoid Fever.
- - - x - - - Scarlet Fever during 10 years ending 1906
- - - x - - - Diphtheria " "
- - - x - - - Typhoid Fever " "



TABLE II.—DISTRICT BIRTHS AND DEATHS FOR THE
FIVE WEEKS ENDING NOVEMBER 2ND, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	25	28	13	14
*St. Mary	37,948	30	25	23	20
Christ Church	39,536	51	40	29	27
St. John	20,426	14	25	15	11
Total	133,301	120	118	80	72

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE III.—Giving the Causes of Deaths during October, 1907, at Middlesex Hospital, Queen Charlotte's Lying-in Hospital, the Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth. Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria	1	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa	1	..	..	..	1	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	1	..	..	1	1	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	1	..
Cancer	12	..	..	..	4	1
Phthisis & Tuberculosis	3	..	1	..	5	1
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	2	..
Paralysis .....	..	..	..	..	..	..
Bronchitis	1	..	..	..	4	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	1	..
Disease of Brain .....	..	..	..	..	..	..
" Heart	4	..	..	2	2	..
" Kidney .....	..	..	..	..	1	..
" Liver.....	..	..	..	..	..	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition.....	..	..	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	..	..	..	..	1	..
Old Age .....	..	..	..	..	4	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	1	..	..	..	..
Other causes	10	3	1	2	11	..
Total	*33	†4	**2	5	38	***2

* Of the 33 deaths in the Middlesex Hospital, 29 were those of non-parishioners

† The 4 deaths in Queen Charlotte's Hospital were those of non-parishioners.

** The 2 deaths in the Samaritan Hospital were those of non-parishioners.

*** The 2 deaths in the Hospital of St. John were those of non-parishioners.

TABLE IV.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during October, 1907, classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		ST. MARY*		CHRIST CHURCH *		ST. JOHN		Totals	
POPULATION AT ALL AGES.	(b) Census 1901	35,391	37,948	39,536	20,426	133,361					
	(c) Registered Births	53	55	91	39	238					
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	1. Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..
	2. Scarlatina	3	14	5	12	3	13	..	7	11	46
	3. Diphtheria	3	..	1	..	2	2	1	2	7	4
	4. Membranous Croup.. .. .	..	..	..	..	..	..	..	..	..	..
	5. Typhus .. .. .	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid .. .. .	..	1	..	..	..	1	..	1	..	3
	7. Continued .. .. .	..	..	..	..	..	..	..	..	..	..
	8. Relapsing .. .. .	..	..	..	..	..	..	..	..	..	..
	9. Puerperal .. .. .	..	..	..	..	..	..	..	..	..	..
	10. Cholera.. .. .	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas .. .. .	..	1	..	2	1	6	..	2	1	11
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	1. Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..
	2. Scarlatina	3	9	5	11	1	12	..	7	9	39
	3. Diphtheria	3	..	1	..	2	1	1	1	7	2
	4. Membranous Croup.. .. .	..	..	..	..	..	..	..	..	..	..
	5. Typhus .. .. .	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid .. .. .	..	1	..	..	..	1	..	1	..	3
	7. Continued .. .. .	..	..	..	..	..	..	..	..	..	..
	8. Relapsing .. .. .	..	..	..	..	..	..	..	..	..	..
	9. Puerperal .. .. .	..	..	..	..	..	..	..	..	..	..
	10. Cholera .. .. .	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..

*St. Mary and Rectory sub-districts are no united into one under the name of St. Mary.

TABLE V.—Causes of, and Ages at, Death during the 5 weeks ending November 2nd, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles	1	1	...	...	...	...	...	...	...	1	...	...
Scarlet Fever	2	...	2	...	...	...	...	...	...	2	...	...
Whooping Cough	3	1	2	...	...	...	...	1	1	...	1	1
Diphtheria and Membranous Croup	1	1	...	...	...	...	...	1	...	...	...	1
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza	1	...	...	...	1	...	...	...	...	1	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea	8	4	3	...	...	...	1	1	1	6	...	3
Enteritis	2	...	1	1	...	...	...	...	...	2	...	1
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases... ..	1	1	...	...	...	...	...	...	1	...	...	...
Phthisis	6	...	...	1	...	5	...	1	2	2	1	4
Other Tubercular Diseases	5	...	2	...	...	2	1	...	2	3	...	8
Cancer, Malignant Disease	12	...	...	1	...	5	6	3	4	3	2	19
Bronchitis	12	3	2	1	...	2	4	3	4	4	1	4
Pneumonia	14	2	4	...	...	7	1	3	3	6	2	4
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	1
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver }	4	...	...	...	...	4	...	2	1	1	...	2
Venereal Diseases	1	...	1	...	...	...	...	...	...	1	...	2
Premature Birth	2	2	...	...	...	...	...	1	...	...	1	...
Diseases and Accidents of Parturition	2	...	...	...	...	2	...	...	2	...	...	...
Heart Diseases	16	1	...	1	1	9	4	3	5	4	4	9
Accidents... ..	1	...	...	...	...	...	1	...	1	...	...	1
Suicides	3	...	...	...	...	3	...	...	2	1	...	1
All other causes	15	9	1	...	...	17	28	8	14	19	14	37
All causes	152	25	18	5	2	56	46	27	43	56	26	98

*37 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 31ST OCTOBER, 1907.

PUBLIC HEALTH DEPARTMENT.

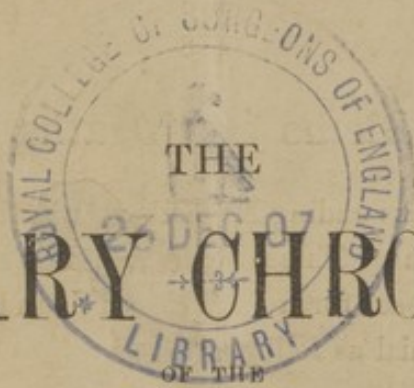
	Miss F. A. Baker.	Miss S. W. Limont.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation ... ..	...	...	38	38
Factories ... ..	...	...	4	4
Workshops	31	...	59	90
Domestic Workshops...	...	...	...	...
Outworkers' Premises...	1	...	...	1
Restaurants, &c. ... ..	...	...	42	42
Bakehouses ... ..	...	...	76	76
Elementary Schools ... ..	...	11	...	11
Phthisis cases	30	1	...	31
Birth Returns	78	165	...	243
Public Health (London) Act ... ..	...	...	18	18
Smoke Shafts ... ..	...	...	6	6
Offensive Trades ... ..	...	...	...	...
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	4	...	39	43
Miscellaneous Inspections	103	15	76	194
Complaints received	4	...	6	10
Letters and Intimations ... ..	...	1	...	1
Statutory Notices, &c. ... ..	...	...	...	...
Proceedings taken before Magistrate ... ..	...	...	...	...
Reports made to M.O.H.	10	...	31	41

REGISTER OF SANITARY WORK

MONTH ENDING 31ST OCTOBER, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.						
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Total.
Public Health (London) Act.								
Inspections.	Dwelling Houses, &c.	36	...	30	...	31	...	97
	Tenements	37	...	35	...	38	...	110
	Underground Dwellings	6	...	3	...	7	...	16
	Dairies, Milk Shops, Cow Houses	14	...	12	...	19	...	45
	Slaughter Houses	6	...	...	...	2	...	8
	Yards, Stables, and Mews	38	...	45	...	39	...	122
	Smoke Shafts	4	...	4	..	12	6	26
	Offensive Trades and Effluvia Businesses	...	...	...	...	2	...	2
	Refuse Receptacles	7	...	12	...	8	15	42
	Enquiries <i>re</i> removal of refuse	...	...	...	...	...	150	150
Removal of Bodies to Mortuary	...	...	...	...	...	...	...
Visits to Works in Progress	76	295	75	250	76	...	772	
Miscellaneous Inspections	56	56	45	70	40	3	270	
UNWHOLESOME FOOD:—								
	Number of seizures made	...	...	...	...	...	..	...
INFECTIOUS DISEASE:—								
	Cases Isolated	1	...	3	...	1	...	5
	Cases removed to Hospital	20	...	15	...	31	...	66
	Rooms Disinfected	25	...	20	...	42	...	87
NEW DRAINAGE:—								
	Number of Plans Passed	...	7	...	12	1	...	20
	New Pipe Drains (feet)	...	1972	...	1570	30	...	3572
	Houses where defects in existing Drainage have been detected and remedied	7	...	5	...	6	...	18
Food and Drugs Act.								
ADULTERATION.								
	Samples collected for Analysis	30	...	27	...	27	...	84
Correspondence, Legal Procedure, &c.								
	Complaints received	21	...	33	...	39	17	110
	Letters and Intimations relating to Abatement of Nuisances	48	...	50	...	51	20	169
	Statutory Notices Served...	5	...	5	...	7	...	17
	Proceedings taken before Magistrates	..	...	1	..	1	...	2
	Reports made to Medical Officer of Health	47	39	45	60	46	25	262



SANITARY CHRONICLES

BOROUGH OF ST. MARYLEBONE

DURING NOVEMBER, 1907,

BY ALEXANDER WYNTER BLYTH,

Medical Officer of Health and Analyst of Food and Drugs
for the Borough of St. Marylebone.

PRINTED BY ORDER OF THE COUNCIL.

VOL. XXVII. 3, UPPER GLOUCESTER PLACE, W., DEC. 7TH, 1907. No. 10.

The week ending November 9th was dry and foggy. Minimum temperature, 44.0° ; maximum, 61.2° ; mean, 48.5° . On one day rain fell to the amount of .01 inch. Winds N.E. and E. Sunshine registered in Regent's Park only 14.1%. Mean barometer, 29.7 inches.

The week ending November 16th was also foggy. Minimum temperature, 35.2° ; maximum, 42.5° ; mean, 47.3° . On one day rain fell to the amount of 0.7 inch. Winds W. and N.W. Sunshine 11.5%. Mean barometer, 29.9 inches.

The week ending November 23rd was overcast with a good deal of fog. Minimum temperature, 39.8° ; maximum, 41.8° ; mean, 44.6° . On three days rain fell to the total amount of 0.83 inch. Winds S.S.E. Sunshine only 2.9%. Mean barometer, 30.0 inches.

The week ending November 30th was wet with but little fog. Minimum temperature, 33.2° ; maximum, 56.0° ; mean, 43.2 . On four days rain fell to the total amount of 1.16 inch. Winds S.W. Sunshine 13%. Mean barometer, 29.7 inches.

Births and Deaths.

During the four weeks ending November 30th, there have been registered 176 births and 135 deaths. These births and deaths are distributed among the four sub-districts, as set forth in Tables IV. and V. Forty-seven of the deaths were extra-parochial as follows:—

St. Marylebone Infirmary, Notting Hill ..	..	31
St. Mary's Hospital ..	..	2
Western Fever Hospital ..	..	1
North Western Fever Hospital ..	..	2
Children's Hospital, Great Ormond Street ..	..	2
French Hospital ..	..	2
University Hospital ..	..	1
St. Luke's Hospital ..	..	1
Hanwell Asylum ..	..	1
Cane Hill Asylum ..	..	1
Banstead Asylum ..	..	1
Claybury Asylum ..	..	1
Leavesden Asylum ..	..	1
Total		47

The birth and death-rates, as deduced from the four months' statistics are as follows:—

All Souls, birth-rate 11·5 ; death-rate 15·4.

St. Mary, birth-rate 16·8 ; death-rate 9·8.

Christ Church, birth-rate 25·8 ; death-rate 14·9.

St. John, birth-rate 21·9 ; death-rate 15·4.

The whole district, birth-rate 17·8 ; death-rate 13·7.

The average death-rates for ten years (1897 to 1906) for the corresponding period were as follows:—All Souls, 13·6 ; St. Mary, 13·3 ; Christ Church, 16·1 ; St. John, 22·0 ; the whole district, 13·6.

The following table gives, as usual, facilities for comparing the relative mortality from certain classes of disease, and proportion to 1,000 deaths from all causes.

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FOUR WEEKS
ENDING NOVEMBER 30TH, 1907, FROM CERTAIN CLASSES OF DISEASE
AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 4 weeks ending Nov. 30th, 1907.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending Nov. 30, 1907.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1906.
1. Deaths from the chief Zymotic Diseases	7	52	0.71	1.26
2. Pulmonary, other than Phthisis	27	200	2.72	3.81
3. Tubercular	17	125	1.70	2.16

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough, Erysipelas, Croup, Fever, and Diarrhœa.
3. Includes Phthisis, Scrofula, Rickets, and Tabes.

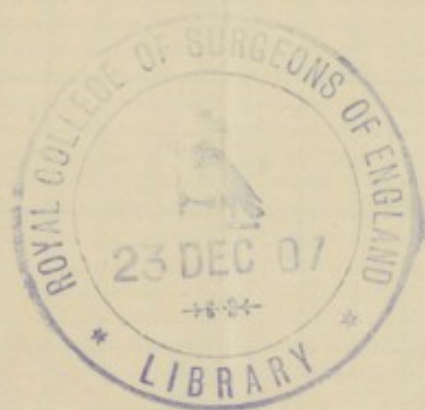
Health of the District during November.

The rise in October of cases of scarlet fever has not been maintained. A reference to the curve opposite page 121 shows that, if the oscillations are smoothed out, scarlet fever is just about what may be anticipated from a ten years' average for the same period. Diphtheria and typhoid cases have been less than usual. The death-rate for the whole district is an average death-rate. The mortality from chest complaints, despite of the foggy November, is lower than usual.

TABLE II.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during November, 1907, according to DISEASES, AGES, AND LOCALITIES.

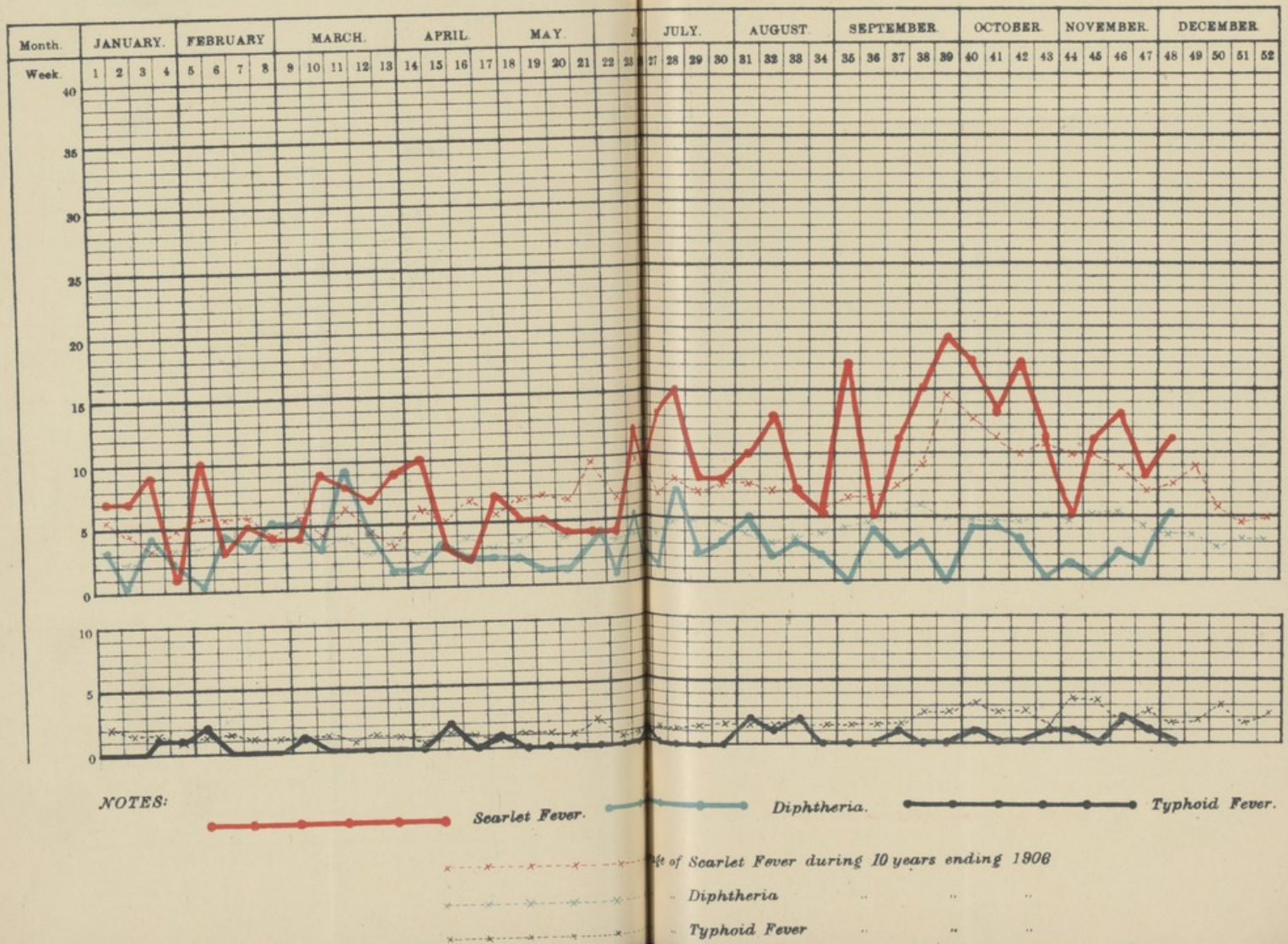
(a)				ALL SOULS		ST. MARY*		CHRIST CHURCH *		ST. JOHN		Totals			
POPULATION AT ALL AGES.															
(b) Census 1901				35,391		37,948		39,536		20,426		133,361			
(c) Registered Births				30		38		74		34		176			
(d) Aged under 5 or over 5				Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards		Under 5 5 upwards			
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.				1. Smallpox .. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				2. Scarlatina		3 9		5 8		2 14		2 3		12 34	
				3. Diphtheria .. .. .		.. 4		.. 3		.. 1		1 ..		1 8	
				4. Membranous Croup.. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				5. Typhus .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				6. Enteric or Typhoid .. .. .		.. 1		.. 2		.. ..		.. 1		.. 4	
				7. Continued .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				8. Relapsing .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				9. Puerperal .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				10. Cholera.. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				11. Erysipelas .. .. .		.. 2		.. 7		1 10		.. 1		1 9	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.				1. Smallpox .. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				2. Scarlatina		3 9		5 8		2 14		2 3		12 34	
				3. Diphtheria .. .. .		.. 4		.. 2		.. 1		.. ..		.. 7	
				4. Membranous Croup.. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				5. Typhus .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				6. Enteric or Typhoid .. .. .		.. .. .		.. 1		.. ..		.. ..		.. 1	
				7. Continued .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				8. Relapsing .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				9. Puerperal .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				10. Cholera .. .. .		.. .. .		.. .. .		.. .. .		.. .. .		.. .. .
				11. Erysipelas .. .. .		.. .. .		.. 3		.. 2		.. ..		.. 5	

*St. Mary and Rectory sub-districts are now united into one under the name of St. Mary.



NOVEMBER, 1907.

CURVE SHOWING NUMBER OF CASES OF LET FEVER, DIPHTHERIA, AND TYPHOID FEVER NOTIFIED WEEK WEEK DURING 1907.



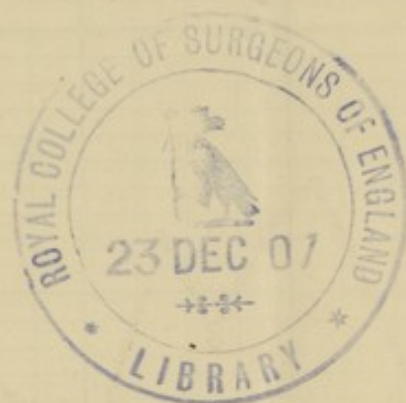


TABLE III.—Giving the Causes of Deaths during November, 1907, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth. Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever	1	..	..	..	..	..
Diarrhoea	1	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	1	1	..	..	..	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	..	..
Cancer	9	..	..	..	6	..
Phthisis & Tuberculosis	3	..	..	..	5	2
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	3	..
Paralysis .....	..	..	..	..	..	..
Bronchitis	3	..	..	1	14	..
Asthma .....	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	1	..
Disease of Brain .....	..	..	..	..	..	..
" Heart	1	..	..	..	..	1
" Kidney .....	..	..	..	..	..	..
" Liver	1	..	..	..	..	1
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition .....	..	1	..	..	..	..
Diabetes .....	..	..	..	..	..	..
Fractures and Injuries ..	1	..	..	..	..	..
Old Age .....	..	..	..	..	2	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	4	..	..	..	..
Other causes	19	2	..	2	9	..
Total	*40	†8	..	3	40	**4

* Of the 40 deaths in the Middlesex Hospital, 38 were those of non-parishioners

† Of the 8 deaths in Queen Charlotte's Hospital 5 were those of non-parishioners.

** Of the 4 deaths in St. John's Hospital 3 were those of non-parishioners.

TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE
FOUR WEEKS ENDING NOVEMBER 30TH, 1907.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls	35,391	13	17	19	21
*St. Mary ..	37,948	24	14	9	19
Christ Church	39,536	39	35	23	20
St. John	20,426	21	13	8	16
Total	133,301	97	79	59	76

NOTE.—In the above the births and deaths have all been properly corrected, strangers have been eliminated, and extra-parochial deaths and others have been allotted to their proper sub-district.

*The Rectory Sub-District is now amalgamated with St. Mary.

TABLE V.—Causes of, and Ages at, Death during the 4 weeks ending November 30th, 1907, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)				Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Measles	3	1	2	...	...	...	...	2	...	1	...	...
Scarlet Fever	2	...	1	1	...	...	...	1	...	1	...	1
Whooping Cough ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup	...	...	...	...	...	...	...	...	...	...	...	...
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	1	...	...	...	...	...	1	...	...	1	...	1
Enteritis	1	1	...	...	...	...	...	1	...	...	...	1
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases... ..	1	...	...	...	...	1	...	1	...	...	...	...
Phthisis	17	...	2	...	...	14	1	5	4	7	1	9
Other Tubercular Diseases ... ..	...	...	...	...	...	...	...	...	...	...	...	3
Cancer, Malignant Disease	9	...	...	...	...	5	4	2	1	4	2	15
Bronchitis	17	...	3	...	...	7	7	5	3	7	2	9
Pneumonia	10	2	2	...	...	3	3	5	3	...	2	6
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver }	2	...	...	...	...	2	...	...	2	...	...	2
Vetereal Diseases	3	2	...	...	...	1	...	...	1	2	...	...
Premature Birth	4	4	...	...	...	...	...	1	2	...	1	4
Diseases and Accidents of Parturition	1	...	...	...	...	1	...	...	...	1	...	1
Heart Diseases	17	...	...	...	...	12	5	4	2	6	5	5
Accidents... ..	1	1	...	...	...	...	...	1	...	...	...	1
Suicides ... ..	...	...	...	...	...	...	...	...	...	...	...	1
All other causes	46	6	2	1	2	12	23	12	10	13	11	28
All causes	135	17	12	2	2	58	44	40	28	43	24	*67

*44 of these were Non-Parishioners.

REGISTER OF SANITARY WORK

MONTH ENDING 30TH NOVEMBER, 1907.

PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Total.	
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. G. Smith, No. 5 District.		
Inspections.	Public Health (London) Act.							
	Dwelling Houses, &c.	49	...	52	...	48	...	149
	Tenements	56	...	54	...	60	...	170
	Underground Dwellings	8	...	7	...	10	...	25
	Dairies, Milk Shops, Cow Houses	22	...	11	...	20	...	53
	Slaughter Houses	6	...	...	...	1	...	7
	Yards, Stables, and Mews	47	...	45	...	50	...	142
	Smoke Shafts	4	2	5	6	10	6	33
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	2	...	2
	Refuse Receptacles	8	...	9	...	7	...	24
	Enquiries <i>re</i> removal of refuse	...	...	...	...	...	275	275
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...
	Visits to Works in Progress	106	217	95	196	90	...	704
Miscellaneous Inspections	56	68	50	120	49	15	358	
UNWHOLESOME FOOD:—								
Number of seizures made ... ..		...	...	...	...	...	...
INFECTIOUS DISEASE:—								
Cases Isolated		2	...	1	...	1	...	4
Cases removed to Hospital		12	...	17	...	24	...	53
Rooms Disinfected		19	...	31	...	28	...	78
NEW DRAINAGE:—								
Number of Plans Passed ... ..		...	6	...	14	...	...	20
New Pipe Drains (feet)		12	1846	...	1650	...	...	3508
Houses where defects in existing Drainage have been detected and remedied		8	...	6	...	7	...	21
Food and Drugs Act.								
ADULTERATION.								
Samples collected for Analysis		24	...	24	...	42	...	90
Correspondence, Legal Procedure, &c.								
Complaints received		32	...	52	...	24	27	135
Letters and Intimations relating to Abatement of Nuisances		46	...	62	...	36	18	162
Statutory Notices Served... ..		6	...	10	...	7	...	23
Proceedings taken before Magistrates ...		..	...	...	...	2	...	2
Reports made to Medical Officer of Health		62	42	65	33	60	25	287

REGISTER OF SANITARY WORK

MONTH ENDING 30TH NOVEMBER, 1907.

PUBLIC HEALTH DEPARTMENT.

	Miss F. A. Baker.	Miss M. Johnson.	Mr. R. Phillips.	Total.
Factory and Workshop Act.				
Enquiries as to Occupation	17	...	29	46
Factories ... ..	...	...	5	5
Workshops	8	...	37	45
Domestic Workshops...	...	...	...	...
Outworkers' Premises...	2	...	...	2
Restaurants, &c. ... ..	...	...	48	48
Bakehouses ... ..	...	...	12	12
Elementary Schools ... ..	...	2	...	2
Phthisis cases	50	4	...	54
Birth Returns	54	158	...	212
Public Health (London) Act				
Smoke Shafts ... ..	...	...	10	10
Offensive Trades ... ..	...	...	2	2
Enquiries <i>re</i> non-removal of Dust ... ..	...	...	...	...
Visits to works in progress	4	...	8	12
Miscellaneous Inspections	130	59	65	254
Complaints received	6	...	7	13
Letters and Intimations	2	...	...	2
Statutory Notices, &c. ... ..	...	...	...	...
Proceedings taken before Magistrate ... ..	...	...	...	...
Reports made to M.O.H.	10	...	28	38

TABLE

No.	Name	Age	Sex	Profession	Education	Religion	Marital	Political	Social	Total
1	John Smith	25	M	Teacher	High School	Methodist	Married	Republican	Active	1
2	Mary Jones	22	F	Homemaker	High School	Methodist	Married	Republican	Active	1
3	James Brown	30	M	Farmer	High School	Methodist	Married	Republican	Active	1
4	Elizabeth White	28	F	Homemaker	High School	Methodist	Married	Republican	Active	1
5	William Green	35	M	Teacher	High School	Methodist	Married	Republican	Active	1
6	Anna Lee	20	F	Homemaker	High School	Methodist	Married	Republican	Active	1
7	Robert Taylor	27	M	Teacher	High School	Methodist	Married	Republican	Active	1
8	Sarah Miller	24	F	Homemaker	High School	Methodist	Married	Republican	Active	1
9	Charles Wilson	32	M	Farmer	High School	Methodist	Married	Republican	Active	1
10	Elizabeth Clark	29	F	Homemaker	High School	Methodist	Married	Republican	Active	1
11	Thomas Evans	31	M	Teacher	High School	Methodist	Married	Republican	Active	1
12	Anna Davis	21	F	Homemaker	High School	Methodist	Married	Republican	Active	1
13	George Baker	33	M	Farmer	High School	Methodist	Married	Republican	Active	1
14	Elizabeth King	26	F	Homemaker	High School	Methodist	Married	Republican	Active	1
15	William Scott	34	M	Teacher	High School	Methodist	Married	Republican	Active	1
16	Anna Adams	23	F	Homemaker	High School	Methodist	Married	Republican	Active	1
17	Robert Hall	28	M	Teacher	High School	Methodist	Married	Republican	Active	1
18	Sarah Young	25	F	Homemaker	High School	Methodist	Married	Republican	Active	1
19	Charles King	36	M	Farmer	High School	Methodist	Married	Republican	Active	1
20	Elizabeth Green	30	F	Homemaker	High School	Methodist	Married	Republican	Active	1
21	Thomas White	38	M	Teacher	High School	Methodist	Married	Republican	Active	1
22	Anna Miller	27	F	Homemaker	High School	Methodist	Married	Republican	Active	1
23	George Taylor	39	M	Farmer	High School	Methodist	Married	Republican	Active	1
24	Elizabeth Clark	31	F	Homemaker	High School	Methodist	Married	Republican	Active	1
25	William Evans	40	M	Teacher	High School	Methodist	Married	Republican	Active	1
26	Anna Davis	29	F	Homemaker	High School	Methodist	Married	Republican	Active	1
27	Robert Baker	37	M	Farmer	High School	Methodist	Married	Republican	Active	1
28	Elizabeth King	33	F	Homemaker	High School	Methodist	Married	Republican	Active	1
29	Thomas Scott	41	M	Teacher	High School	Methodist	Married	Republican	Active	1
30	Anna Adams	32	F	Homemaker	High School	Methodist	Married	Republican	Active	1
31	George Hall	42	M	Farmer	High School	Methodist	Married	Republican	Active	1
32	Elizabeth Green	34	F	Homemaker	High School	Methodist	Married	Republican	Active	1
33	William White	43	M	Teacher	High School	Methodist	Married	Republican	Active	1
34	Anna Miller	35	F	Homemaker	High School	Methodist	Married	Republican	Active	1
35	Robert Taylor	44	M	Farmer	High School	Methodist	Married	Republican	Active	1
36	Elizabeth Clark	36	F	Homemaker	High School	Methodist	Married	Republican	Active	1
37	Thomas Evans	45	M	Teacher	High School	Methodist	Married	Republican	Active	1
38	Anna Davis	37	F	Homemaker	High School	Methodist	Married	Republican	Active	1
39	George Baker	46	M	Farmer	High School	Methodist	Married	Republican	Active	1
40	Elizabeth King	38	F	Homemaker	High School	Methodist	Married	Republican	Active	1
41	William Scott	47	M	Teacher	High School	Methodist	Married	Republican	Active	1
42	Anna Adams	39	F	Homemaker	High School	Methodist	Married	Republican	Active	1
43	George Hall	48	M	Farmer	High School	Methodist	Married	Republican	Active	1
44	Elizabeth Green	40	F	Homemaker	High School	Methodist	Married	Republican	Active	1
45	Thomas White	49	M	Teacher	High School	Methodist	Married	Republican	Active	1
46	Anna Miller	41	F	Homemaker	High School	Methodist	Married	Republican	Active	1
47	Robert Taylor	50	M	Farmer	High School	Methodist	Married	Republican	Active	1
48	Elizabeth Clark	42	F	Homemaker	High School	Methodist	Married	Republican	Active	1
49	Thomas Evans	51	M	Teacher	High School	Methodist	Married	Republican	Active	1
50	Anna Davis	43	F	Homemaker	High School	Methodist	Married	Republican	Active	1
51	George Baker	52	M	Farmer	High School	Methodist	Married	Republican	Active	1
52	Elizabeth King	44	F	Homemaker	High School	Methodist	Married	Republican	Active	1
53	William Scott	53	M	Teacher	High School	Methodist	Married	Republican	Active	1
54	Anna Adams	45	F	Homemaker	High School	Methodist	Married	Republican	Active	1
55	George Hall	54	M	Farmer	High School	Methodist	Married	Republican	Active	1
56	Elizabeth Green	46	F	Homemaker	High School	Methodist	Married	Republican	Active	1
57	Thomas White	55	M	Teacher	High School	Methodist	Married	Republican	Active	1
58	Anna Miller	47	F	Homemaker	High School	Methodist	Married	Republican	Active	1
59	Robert Taylor	56	M	Farmer	High School	Methodist	Married	Republican	Active	1
60	Elizabeth Clark	48	F	Homemaker	High School	Methodist	Married	Republican	Active	1
61	Thomas Evans	57	M	Teacher	High School	Methodist	Married	Republican	Active	1
62	Anna Davis	49	F	Homemaker	High School	Methodist	Married	Republican	Active	1
63	George Baker	58	M	Farmer	High School	Methodist	Married	Republican	Active	1
64	Elizabeth King	50	F	Homemaker	High School	Methodist	Married	Republican	Active	1
65	William Scott	59	M	Teacher	High School	Methodist	Married	Republican	Active	1
66	Anna Adams	51	F	Homemaker	High School	Methodist	Married	Republican	Active	1
67	George Hall	60	M	Farmer	High School	Methodist	Married	Republican	Active	1
68	Elizabeth Green	52	F	Homemaker	High School	Methodist	Married	Republican	Active	1
69	Thomas White	61	M	Teacher	High School	Methodist	Married	Republican	Active	1
70	Anna Miller	53	F	Homemaker	High School	Methodist	Married	Republican	Active	1
71	Robert Taylor	62	M	Farmer	High School	Methodist	Married	Republican	Active	1
72	Elizabeth Clark	54	F	Homemaker	High School	Methodist	Married	Republican	Active	1
73	Thomas Evans	63	M	Teacher	High School	Methodist	Married	Republican	Active	1
74	Anna Davis	55	F	Homemaker	High School	Methodist	Married	Republican	Active	1
75	George Baker	64	M	Farmer	High School	Methodist	Married	Republican	Active	1
76	Elizabeth King	56	F	Homemaker	High School	Methodist	Married	Republican	Active	1
77	William Scott	65	M	Teacher	High School	Methodist	Married	Republican	Active	1
78	Anna Adams	57	F	Homemaker	High School	Methodist	Married	Republican	Active	1
79	George Hall	66	M	Farmer	High School	Methodist	Married	Republican	Active	1
80	Elizabeth Green	58	F	Homemaker	High School	Methodist	Married	Republican	Active	1
81	Thomas White	67	M	Teacher	High School	Methodist	Married	Republican	Active	1
82	Anna Miller	59	F	Homemaker	High School	Methodist	Married	Republican	Active	1
83	Robert Taylor	68	M	Farmer	High School	Methodist	Married	Republican	Active	1
84	Elizabeth Clark	60	F	Homemaker	High School	Methodist	Married	Republican	Active	1
85	Thomas Evans	69	M	Teacher	High School	Methodist	Married	Republican	Active	1
86	Anna Davis	61	F	Homemaker	High School	Methodist	Married	Republican	Active	1
87	George Baker	70	M	Farmer	High School	Methodist	Married	Republican	Active	1
88	Elizabeth King	62	F	Homemaker	High School	Methodist	Married	Republican	Active	1
89	William Scott	71	M	Teacher	High School	Methodist	Married	Republican	Active	1
90	Anna Adams	63	F	Homemaker	High School	Methodist	Married	Republican	Active	1
91	George Hall	72	M	Farmer	High School	Methodist	Married	Republican	Active	1
92	Elizabeth Green	64	F	Homemaker	High School	Methodist	Married	Republican	Active	1
93	Thomas White	73	M	Teacher	High School	Methodist	Married	Republican	Active	1
94	Anna Miller	65	F	Homemaker	High School	Methodist	Married	Republican	Active	1
95	Robert Taylor	74	M	Farmer	High School	Methodist	Married	Republican	Active	1
96	Elizabeth Clark	66	F	Homemaker	High School	Methodist	Married	Republican	Active	1
97	Thomas Evans	75	M	Teacher	High School	Methodist	Married	Republican	Active	1
98	Anna Davis	67	F	Homemaker	High School	Methodist	Married	Republican	Active	1
99	George Baker	76	M	Farmer	High School	Methodist	Married	Republican	Active	1
100	Elizabeth King	68	F	Homemaker	High School	Methodist	Married	Republican	Active	1