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

Contributors

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THE

SANITARY CHRONICLES

 \mathbf{OF}

St. Marylebone;

BEING THE

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1902.



ALEXANDER WYNTER BLYTH,

Medical Officer of Health and Analyst of Food and Drugs for the Parish of St. Marylebone; Barrister-at-Law of Lincoln's Inn; Fellow of the Institute of Chemistry, &c. &c.

VOL. XXII.

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PREFACE.

The following Report is a Summary of the Sanitary Administration of the Borough of St. Marylebone during 1902. It also gives in a tabular form all essential facts as to the work of the Sanitary Officers and Statistics of Disease and Mortality.

The Annual Reports have been cast in the same form for more than twenty years, and for the sake of uniformity no alteration has been made in the arrangement of the present Report.

No. 3, UPPER GLOUCESTER PLACE, W.

February, 1903.

A REPORT

No music Da

OF THE

METEOROLOGY, MORTALITY, AND SICKNESS

OF

ST. MARYLEBONE

FOR THE YEAR 1902.

BY A. WYNTER BLYTH.

METEOROLOGICAL SUMMARY.

MARCH QUARTER.

January of 1902 was a moist month, deficient in sunshine, but with little fog or frost and no snow.

The minimum temperature was 24.0°; maximum, 55.0° mean 38.8°. The number of rainy days was 11, during which 1.38 inch of rain was recorded.

February had more of a wintry character than January; some snow and rain fell on 5 days, but the falls were slight, the rainfall only measuring .40 inch. The temperature fell down to 20° with a maximum of 49.8° and a mean of 35.5°. Therewas a fair amount of sunshine. The winds were mostly E. and N.E.

The first week of March was wet, rain falling daily, and the rainfall measuring 0.85 inch. The remainder of the month was dry, with overcast skies. The minimum temperature was 30.0° ; maximum, 60.0° ; mean 44.8° .

JUNE QUARTER.

April was fairly bright but cool. The month was unusually dry, there being only 7 rainy days and a total rainfall of 0.44 inch. The minimum temperature was 30°; maximum 60.0°; mean 44.8°. The winds were N. and N.E.

May was cooler and moister than April. There were no less than 17 rainy days, with a total rainfall of 1.65 inch. The minimum temperature was 32.2° ; maximum 67.8° ; mean 48.2° . The winds were W. and S.W.

June was also wet, having 16 rainy days and a total rainfall of 2.67 inches. The minimum temperature was 39.2°; maximum, 76.0°; mean, 53.0°.

SEPTEMBER QUARTER.

July was unsettled but there was a good deal of sunshine, and taken as a whole the climate of the month was agreeable. The minimum temperature was 44.5° ; maximum 84.5° ; mean 66.0°. Heavy showers of rain fell on 6 days, giving a rainfall of 1.57 inches.

August was damp and unsettled. On no less than 19 days more or less rain fell, giving a rainfall for the month of 2.62 inches. The winds were mostly South-Westerly.

September was an average month, but deficient in sunshine. The minimum temperature was 40.0° ; maximum 71.5° ; mean 47.4° .

DECEMBER QUARTER.

October was a month of moderate temperature and small rainfall. There were 9 rainy days. Total rainfall, 0.91 inch. The minimum temperature was 35.0° ; maximum 60.0° ; mean 50.0° .

November was almost free from fog and fairly dry. There were only 5 rainy days, the total rainfall measuring 0.9 inch.

December was for the first 2 weeks dry and cold, then afterwards warmer and moister. During the two frosty weeks the thermometer sank to 25° , but the mean for the whole month was 43.6° with a maximum of 54.0° . There were 9 rainy days, during which 1.06 rain fell.

The sky was usually overcast. hence but little sunshine was registered.

BIRTHS AND DEATHS.

The number of births registered during the 53 weeks ending December 27th, 1902, when all the essential corrections have been made, was 2,960.

The number of deaths (corrected) of parishioners was 2,458. This gives a birth-rate of 21.8; a death rate of 18.1 per thousand.

The birth and death-rates of the sub-districts for 1902 were as follows :--

			Birth-rate.	Death-rate.
All Souls		 	 15.8	 13.9
Rectory		 	 19.6	 19.1
St. Mary		 	 20.6	 18.1
Christ Chur	ch	 	 29.3	 19.2
St. John		 	 20.7	 22.0

The following is a statement of the average birth and death-rates for the five previous years, 1896—1900.

		Birth-rate.	Death-rate.
All Souls	 	 17.4	 14.8
Rectory	 	 21.2	 21.2
St. Mary		 24.2	 18.7
Christ Church	 	 25.3	 18.8
St. John	 	 27.6	 21.0
The whole district	 	 23.0	 18.5

The following table gives the distribution of the deaths of parishioners dying in various extra-parochial institutions, all of which are included in the mortality statistics :—

St. Marylebone Infirmary, Notting	Hill	 :	556
North Western Fever Hospital		 	36
North Eastern Fever Hospital		 	6
Western Fever Hospital		 	8
Grove Fever Hospital		 	I
South Wharf Shelter		 	I
Gore Farm Hospital		 	I
Long Reach Hospital		 	3
Hospital Ship, Atlas		 	12
Hospital Ship, Castalia		 	5
Small Pox Hospital, Kingsbury		 	I
London Fever Hospital			
London Hospital		 	2
······································			_
Carried forward		 6	34

	Brought forward			(634
	St. Mary's Hospital				59
	King's College				2
	University Hospital				IO
	Guy's Hospital				I
	Charing Cross Hospital				2
	St. Bartholomew's Hospital				3
	St Thomas' Hospital				3
	Westminster Hospital				I
	St. George's Hospital				7
	Royal Free Hospital				5
	Middlesex Hospital				I
	Great Northern Hospital				2
	Children's Hospital, Paddington				12
	Children's Hospital, Gt. Ormond St	reet			5
	French Hospital				3
	Italian Hospital				2
	German Hospital				2
	St. Pancras Înfirmary				2
	Chelsea Infirmary				I
No.	Paddington Infirmary				I
	" Workhouse				I
	St. Giles' Workhouse				I
	Hackney Infirmary				I
	Salvation Army Maternity				I
	Clapham Maternity				2
	Lying-in Hospitul, Endell Street				2
	Hospital for Women, Euston Road				I
	London Temperance Hospital				3
	Home Hospital, Fitzroy Square				I
	Home Hospital, Hampstead				I
	Royal Chest Hospital				I
	Cancer Hospital				2
	Homeopathic Hospital				2
	Brompton Hospital				4
	St. Peter's Home, Kilburn				4
	St. Joseph's Home				I
	St. Luke's Home				I
	Home for Aged Blind				3
					I
	Hospital of God				I
	Friedenheim				8
	Hanwell Asylum				28
	Leavesden Asylum				IO
	Banstead Asylum				7
	Claybury Asylum				6
	Colney Hatch Asylum				19
No.	London County Asylum, Dartford				4
En la	Hoxton House Asylum				4
No.	In various Streets	1			14
			3.20		

seal of the of these

SMALL POX.

The epidemic of small pox began in June of the previous year, that is in 1901, and only slowly developed. 2 cases occurred in July and 13 in August. From August, 1901, until the second week in July, 1902, the Borough was never free entirely from cases of small pox, hence the epidemic lasted about 12 months.

LOCAL DISTRIBUTION.—The number of small pox cases occurring during the period was 182, 124 of which belong to the year 1902, and the balance, 58, to the preceding year. The five sub-districts were unequally affected as follows :—

		N	umber of Cases.	Attack rate per 10,000 of population.
All Souls		 	53	 15.0
Rectory		 	34	 17.1
St. Mary		 	26	 14.4
Christ Church		 	51	 12.9
St. John		 	18	 8.8
The whole distri-	ct	 	182	 13.6

If the proportion to population be considered, and not the actual numbers, then it will at once be seen the chief incidence of the epidemic fell upon All Souls, the Rectory and St. Mary, and that the district of St. John's Wood was but slightly affected.

CASE MORTALITY.—8 persons died of small pox in 1901 and 23 in 1902, therefore the total deaths were 31, which gives a case mortality of 17 per cent.

The cases were distributed in 83 streets ; generally only single cases occurred in the household affected; but in one tenement house 5 successive cases occurred; in a beer house, the upper part of which was let out as tenements there were also 5 cases; in both instances there was concealment for a few days of the malady.

CLASS OF SUFFERERS.—The sufferers were for the most part working people; a large number were derived from lodging houses. Only 12 persons were affected who might be considered to be in comfortable circumstances.

The epidemic showed, indeed, more clearly than other epidemics, the great part played by the tramp and by the denizens of Common Lodging Houses in the dissemination of smallpox throughout London. Not alone were there successive importations into the Metropolis by persons tramping into London, but the unfortunate, homeless, friendless condition of these people naturally led to difficulties in early diagnosis and control of their movements. In one case an unfortunate man who commonly slept at the Salvation Army Shelter, Burne Street, passed the day in a high state of fever on one of the seats in Regent's Park. Towards evening he became delirious, and wandered about all night, mostly in the neighbourhood of Covent Garden; ultimately he found his way to the St. Marylebone Casual Ward, and was certified to be suffering from smallpox. In another case a woman, who habitually slept in lodging houses and occasionally in doorways, was found to be suffering from smallpox, but dreading the enforced isolation, escaped from the Endell Street Infirmary before the arrival of the ambulance. Information was received on the evening of the following day that she had been seen in the neighbourhood of Rathbone Place. All that night the writer, with Mr. Gorniot and the Medical Officer of Health for the London County Council hunted for this woman throughout various lodging houses until daybreak without success; the day after she was handed over to a police constable but again escaped. Ultimately, after being four days at large in a dangerously infectious state, she was secured and conveyed to hospital. The amount of infection that this single case disseminated successfully will never be known, but the following extract from Dr. Shirley Murphy's report for 1901, throws some light upon a few of the cases :---

"She was thus, while suffering from smallpox, a source of considerable danger to other persons during a period of four days and after the lapse of time corresponding with the incubation period of smallpox, ten women, who were inmates of common lodging houses in Parker Street, Kennedy Court, Stanhope Street, and Whitehouse Yard were attacked. At all these houses she was well known. At the same time three men in a neighbouring common lodging house in Vere Street and in Greville Street were attacked, and two men in Harmond Street, St. Pancras, were also attacked. Following these, and no doubt dependent on them, a series of cases occurred in common lodging houses in Fulwoods Rents and in Greville Street, Holborn, and a case in a common lodging house in Queen Street, Drury Lane "—

A series of cases occurred at the Salvation Army Shelter in Burne Street, and there is little doubt if prompt action had not been taken the Borough would have suffered severely.

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The writer at once had an interview with the Salvation Army authorities, and pressed upon them the immediate necessity of closing the doors to all who were not protected by a recent vaccination or a previous attack of smallpox, or who declined there and then re-vaccination. This the authorities consented to, and in a most businesslike way made suitable arrangements. Night after night, the Public Vaccinator attended until a late hour, and in a very short time the Salvation Army Shelter was rendered practically immune, and as a fact the notification of cases from the Shelter stopped. Instead of a source of danger, it became a centre from which issued persons immune to that particular contagium.

MISTAKES IN DIAGNOSIS .- The number of cases of smallpox given at the commencement of this account only includes true cases of smallpox, there were a large number of cases of mistaken diagnosis. Fortunately the Asylums Board have an excellent system by which the patients do not go at once to the Smallpox Hospitals, but are detained a short time at a sort of observation station from whence true cases are removed, doubtful cases detained for development, and obvious errors rectified by promptly returning cases to their homes. If the Public should insist that in every case an accurate diagnosis be made at the bedside the results from a preventive point of view would be unfortunate, for should the case turn out to be infectious, the longer unisolated the more likely the spread. The first symptoms of all eruptive fevers are similar, the first stage of most eruptions not typical, hence errors are bound to be made even by the most experienced. It is only justice to further state that in not a few of the so-called errors in diagnosis, the medical men were in doubt, and it was from a consideration of the dangers of infection spreading, that they resolved to certify "smallpox." It is satisfactory to learn that in none of the cases of erroneous diagnosis did any harm result.

VACCINATION.—The Borough was not adequately protected, even by primary vaccination, from smallpox, still less was there any large section of the community protected by re-vaccination. The best protected quarter in this respect was St. John's Wood, because of the former sharp outbreak in the year, and it is noticeable that St. John's Wood suffered during 1901-2 in only a trifling degree.

The number of primary vaccinations in the Borough from October, 1901 to January, 1902, was, according to a return given to me by Mr. Frith, the Vaccination Officer, as follows :----

ntensikelik en intiperiori	der an		Primary Vaccinations.
St. Marylebone Workhouse		 	96
St. Marylebone Infirmary		 	52
St. Marylebone Schools		 	21
Queen Charlotte's Hospital		 	674
Others	••	 	3,133
			3,976

Re-vaccinations.

St. Marylebone Workhouse	Schools	and	Infirmary	881
Queen Charlotte's Hospital				167
By Public Vaccinator	••		I	0,514
			I	1,562

To the 11,562 re-vaccinations must be added the revaccinations performed by private practitioners who are not compelled by law to make any return. There are, however, grounds for estimating within the same period the re-vaccinations by private practitioners as not less than 4,000. This brings the total primary vaccinations and the re-vaccinations up to 19,538 or 14.7 per cent. of the total population.

PREVENTIVE MEASURES.—The measures taken to combat the epidemic in the Borough were the vaccinations and revaccinations as above ; prompt removal to Hospital, irrespective of class or social position ; the keeping under observation of contact cases until the incubation period had expired ; continuous duty on the part of the sanitary officers from 9 a.m. until midnight ; and very thorough disinfection ; besides which, referees with special experience of smallpox were appointed to confer with medical practitioners in cases of doubtful character, and since experience had proved that the most frequent error took place with regard to chicken and smallpox, chickenpox was made a notifiable disease.

SCARLET FEVER.

The course of scarlet fever throughout the year is graphically delineated in the curve opposite page 18. There were 335 cases notified, 14 of which terminated fatally. This gives the low case mortality of a fraction over 4 per cent. Scarlet fever was about the average or a little below up to the last week in June. It was then above the average up to the second week of November, when it declined. Although more prevalent than usual in the months mentioned, yet the excess was not sufficiently marked to warrant the term "epidemic."

DIPHTHERIA.

Diphtheria was more prevalent than usual during the latter part of January to the middle of February, and usually below the average throughout the rest of the year.

There were 223 cases notified, 27 of which were fatal, equal to a case-mortality of 12 per cent.

TYPHOID FEVER.

From the latter end of June up to the first week in October, there were more cases than usual of typhoid fever. In all 95 cases were notified, of which 14 terminated fatally. This is equal to a case mortality of 14.7 per cent.

DISINFECTION.

The two disinfecting apparatuses, the one for the disinfection of articles presumably infected with fever contagion, the other for the sterilization of the for the most part verminous clothing of persons who use the cleansing baths, have been fully employed throughout the past year as the following table shows :—

List of	Articles	disin	fected	l during	1901		1902.
Beds					508		619
Mattresses					623		647
Bolsters					516		590
Pillows		• •			1,431		1,585
Sheets	••	• •	• •				1,289
Blankets		•••	••	• •	2,276		
Other Arti				6-0 1:	2,863	• •	3,474
The vans	were use	ed in	1901	oro time	s, m 190	02,	017.

CLEANSING OF PERSONS ACT.

The cleansing baths established in 1898 under the Act of 1897 have been in continual use since March 2nd, 1898. From that time until December 31st, 1902, the number of baths given to males and females is no less than 19,888, or roughly speaking, 20,000. Of course this does not mean 20,000 different individuals for the same person may, and often does, come several times. In fact the deplorable state of personal neglect that certain of these people are in, renders it impossible for them to be thoroughly cleansed, with one bath. The parasites which infest the skin can only be effectually got rid of by a number of successive cleansing operations. It is most satisfactory to find that during the past year there has been a considerable increase in the number of females using the baths. The total approaches to nearly one for each working day. In 1900 there were only 28, in 1901, 135, in 1902, 278 women cleansed, hence the increase is progressive.

The following tabular statements compiled by Miss Kilgallin who acts as general superintendent over the Shelter as well as the baths, shows, besides the total numbers, also the place from whence the applicant for baths was derived.

CLEANSING OF PERSONS ACT, 1897.

Baths, Grove Road, Marylebone.

From]	anuary	ist to	Decer	mber	31st I	902.	
Males							
Females							278
					Τοται		4,528

The addresses given of the applicants were as follows :---

Males from Salvation Army Shelter	
Males from Lodging Houses in Parish	296
Females from Shaftesbury Institute Females from private addresses owing to the epi-	202
demic of Small Pox	76
Total	4,528

THE ST. MARYLEBONE SHELTER.

The St. Marylebone Shelter, established for the purpose of receiving during short periods persons temporarily evicted from their homes during disinfecting operations, has done excellent service during 1902.

It was used 47 times, accommodating for various periods 89 adults and 61 children.

It was also found in a few instances advisable to detain in the shelter for some little time contact cases. The periods during which these persons were detained and other particulars were as follows :---

1902.	Day or Ho of Occupation		Diseas	se.	No. of Persons.
Jan. 1st	6 hours		Scarlet Fe	ever.	I adult.
Jan. 1st Jan. 6th, 7th, 8th	50 hours		Smallpox		2 adults 3 children.
Jan. 8th	24 hours		Smallpox		2 adults.
Jan. 12th	60 hours		Smallpox		2 adults, 1 child.
Jan. 12th	15 hours		Smallpox		I adult.
Jan. 14th	24 hours		Smallpox		2 adults, 6 children.
Jan. 14th	65 hours		Smallpox		1 adult, 2 children.
Jan. 15th	24 hours	1000	Diphtheria		2 adults, I child.
Jan. 15th and 16th	32 hours		Smallpox		6 adults.
Jan. 15th and 16th	14 hours		Smallpox		1 adult, 5 children.
Jan. 15th to 24th	_		Smallpox		2 children
Jan. 17th to 18th	14 hours		Smallpox		3 adults, 7 children.
Jan. 21st	5 hours		Scarlet Fe		I adult.
Jan. 15th to Feb. 1st	17 days		Smallpox		2 children.
Jan. 25th, 26th, 27th	36 hours		Smallpox		I adult.
Jan. 25th, 26th, 27th	38 hours		Smallpox		2 adults, 3 children.
Jan. 27th and 28th	24 hours		Smallpox		1 adult, 2 children.
Jan. 30th, 31st,					
Feb Ist	36 hours		Smallpox		I adult.
Jan. 31st, Feb. 1st	24 hours		Smallpox		I adult.
Jan. 31st, Feb. 1st	28 hours				I adult.
Feb. 6th and 7th	24 hours		Smallpox		2 adults, one child.
Feb. 20th, 21st	24 hours		Smallpox		3 adults, 1 child.
Feb. 22nd and 23rd	10 hours		and the second second		7 adults. N .1
Feb. 26th and 27th	19 hours		Smallpox		3 adults.
Mch. 2nd and 3rd	6 hours		Smallpox		I adult.
Mch. 3rd and 4th	24 hours		Smallpox		I adult, I child.
Mch. 5th	6 hours		Smallpox		I adult.
Mch. 12th	6 hours		Smallpox		r adult.
Mch. 13th and 14th	24 hours		Smallpox		1 adult, 2 children.
Mch. 14th and 15th	24 hours		Smallpox		3 adults, 4 children.
Mch. 17th, 18th, 19th,			a		
20th:	65 hours	• •	Smallpox		7 adults, 5 children.
Mch. 22nd, 23rd, 24th	36 hours		Smallpox	• •	3 adults.
Mch. 24th and 25th	24 hours		Smallpox	••	2 adults.
Mch. 25th, 26th, 27th			Smallpox		3 adults, I child.
Mch. 25th and 26th	24 hours		Smallpox		1 adult, 2 children.
Mch. 27th	8 hours		Smallpox		2 adults. 1 adult.
Mch. 29th	3 hours]	Smallpox	••	
Mch. 30th and 31st	24 hours		Smallpox	•••	I adult.
Mch. 31st, Feb. 1st	6n hours		Smallnow		r adult a shildren
and, ard	67 hours		Smallpox		I adult, 2 children.
April 1st and 2nd	12 hours	••	Smallpox		I adult.
April 7th and 8th	15 hours	••	Smallpox	••	1 adult, 3 children.
April 12th, 13th, 14th,	za hours		Smallnor		2 adults 1 child
15th	72 hours		Smallpox Smallpox		3 adults, I child. 2 adults, I child.
May 25th and 26th	24 hours	••	Smallpox	••	4 adults.
June 3rd and 4th	24 hours		Smallpox		2 children.
June 5th to 21st	17 days 2 hours		Puerperal	Fever	2 adults.
July 26th	18 hours		Smallpox		I adult, I child.
ury zoth and zyth	io nours		Sumpor		a contact, a Gattada

CLERICAL WORK OF THE PUBLIC HEALTH DEPARTMENT.

Mr. H. E. Curtis and Mr. W. J. Howe have performed during the year the clerical work of the Department in an efficient manner. They much appreciate the commodious and well-lighted rooms and the facilities for keeping in order the various documents and forms which the new offices possess. The meeting hour of the Committee being 5 p.m. and the press of work has necessitated long hours. An attempt has been made in the following statement to tabulate a portion of the clerical work admitting of this kind of numerical expression, but as may be expected it gives no adequate idea of the work performed.

REGISTER OF CLERICAL WORK.

Number of Notifications of Infectious Diseases entered in Register copied and sent to Metropolitan Asylums Board and Schools,	1901.		1902.
receipt acknowledged and filed	1,113	•••	1,722
Number of Complaints of Nuisances received, entered in Nuisance	-0-		0
Register and filed	985	•••	835
Number of letters despatched from Department	2,111		2,756
Number of Council orders issued Number of Meetings of Public Health Committee prepared for, at- tended and Minutes drafted and	215		210
written	24		25
Number of meetings of Public Health Sub-Committee's pre- pared for, attended, and Min- utes drafted and written			74
utes drafted and written			17

FACTORY AND WORKSHOPS ACTS.

Mr. Richard Phillips and Miss Frances Baker are the Inspectors whose special duty is to see that the details of the Factory and Workshops Acts are properly carried out.

Important additions to their duties have been made

during the latter part of the year in respect of the supervision of the Underground Conveniences.

Mr. Richard Phillips has also special duties with regard to nuisances from smoke.

Both these officers, the writer can testify, have their time fully occupied and their work has been done in an efficient manner. They have summarised the work in their respective departments during 1902, in the two following Reports :—

Report of Mr. Richard Phillips.

3, UPPER GLOUCESTER PLACE,

January 1st, 1903.

Medical Officer of Health.

SIR,—I beg to present to you a Report of my work during the year 1902.

FACTORIES AND WORKSHOPS.

There are in the Borough 115 registered workrooms which are occupied exclusively by men; the principal trades engaged in are tailoring and outfitting. These workshops have been regularly inspected, and where necessary, insanitary conditions have been remedied; many cleansing orders have been made, and certain drainage matters attended to. All new workshops have been measured, cubed up, and registered in the usual way; and I have assisted Miss O'Kell and Miss Baker in the measuring up of the large workrooms.

BAKEHOUSES.

The registered bakehouses in the Borough number 94; these have been repeatedly visited and reported upon. There are 12 bakehouses above ground level and 82 bakehouses under ground level. This number is 12 less than in 1901, but those 12 bakehouses were not baking in August, 1901, the time the new Act came into force, and therefore ceased to have the power of baking.

SMOKE NUISANCES.

The number of smoke nuisances detected or complained of during the year is 22. All places where nuisances have accrued are vigilantly watched, but a recurrence of the nuisance seldom takes place after due notice has been given.

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TRADE NUISANCES.

Complaints of trade nuisances have been received, and upon proof of the case, they have been abated in every instance.

UNDERGROUND CONVENIENCES.

There are three underground conveniences, namely, Marylebone Road, Portland Road, and Oxford Circus; and since the last Annual Report they have been placed under the control of the Public Health Department, and it is my duty to supervise the men employed as attendants, and to inspect any repairs necessary. This requires a daily or nightly visit; I have found the premises clean, and the attendants discharging their duties satisfactorily; and all repairs etc. brought to my notice have been reported and attended to forthwith.

RESTAURANTS, DINING-ROOMS, AND COFFEE-SHOPS.

In conformity with instructions from you I have inspected 149 restaurants, coffee-shops, and dining-rooms in the Borough, special attention having been given to the kitchens and to lavatory accommodation. I found 59 kitchens and 21 diningrooms required cleansing, and 8 W.C.s, very dirty with no water for flushing, 7 old pan closets with D traps in a bad state, and 7 W.C.s in direct communication with the kitchen. I also found a bed in one grill-room, and 5 coffee-shops without dustbins. There were 65 written intimations of nuisances served, and minor defects were corrected upon verbal attention being drawn to them ; 30 Council orders were served with satisfactory results. Since these matters were looked into I have reinspected the premises and found them all clean and in good order.

Appended is a statement of my work which admits of tabulation.

					No.	of visits.
Workshops,	tailors,	etc.			 	230
Bakehouses					 	276
Smoke Nuis					 	162
Restaurants	, Coffee	and	Dining-	rooms	 	355
Underground	d Conve	eniend	ces		 D	355 Daily

I am, Sir,

-

Yours obediently, RICHARD PHILLIPS, Inspector. Report of Miss Frances Baker.

3, UPPER GLOUCESTER PLACE,

January, 1903.

Medical Officer of Health.

SIR,—I herewith beg to submit to you a Report of the work done under the Factory and Workshops Act, during the year.

Owing to the appointment of Miss O'Kell in March 1902, to Paddington, 9 out of the 12 month's work has been executed by me.

Number of Workrooms on the Register at end of year 1901 .. 1.682 Number of Workrooms added during the year 1902 315 Number of Workrooms removed during year 1902 196 Leaving a total on the Register of 1,801 .. Number of re-inspections made during year 1902 1,378 Number of businesses represented by workrooms 1,562

In addition to these workrooms there are the rooms occupied by outworkers, which represent various firms of dressmakers, furriers, outfitters, tailors, and upholsterers situate in several Metropolitan Boroughs; and they include besides the trades mentioned, gold-beaters, lace-cleaners, laundresses, silk-winders, marqueterie workers, etc. The lists of outworkers are received from the different firms in the Borough twice during the year, according to the provisions of the Factory and Workshop Acts; and they contain for the most part the names of families living in one to three rooms, with the foreign element much in evidence, and which shows itself not the least in a frequent disregard of all laws of cleanliness and health.

Number of Outworkers on Register at close of	
year 1901	215
Number of Outworkers' names received during	
year 1902	909 806
Of which were transferred to other Boroughs	806
Number of removals during the year 1902	51
Leaving a total on the Register of	51 267
Number of Outworkers visited or re-inspected	
during the year 1902	489

There have been paid also to domestic workshops 42 visits, and II to factories.

NUISANCES ABATED.

85 intimations have been served, followed in 11 cases by Council Orders; but the amount of the work done is greatly in advance of the Notices served. The domestic cleaning of 32 premises has been done, also the walls and ceilings of 86 rooms; in 17 instances gas stoves have been properly ventilated, and the temperature of 19 workrooms improved. Attention has been drawn to 6 cases of overcrowding, but no repetition of the offence has been detected. The sanitary accommodation of 43 premises has been cleansed, besides which 13 additional ones have been placed; and there have been 32 general improvements made in sanitation. During the year 202 miscellaneous visits and inspections have been made, 142 visits to works in progress, and 87 complaints received followed by investigations.

On one occasion a summons for the non-cleansing of workrooms was taken out by my predecessor, Miss O'Kell, with the result that a fine of $\pounds 5$ was enforced in addition to a payment of IOS. per day in default of the work being done.

The underground conveniences for Women have been regularly inspected. Having been placed under the control of the Public Health Department during the year, the work in connection therewith has very much increased, including also the supervision of the attendants, which has been placed almost entirely in my hands. Owing to various complaints received, I have found it necessary to visit them at all hours of the day and night, Sundays not excepted. The conveniences have always appeared to be clean and well attended to by those in charge. Where any improvements could be made they have been readily sanctioned by the Committee, and all repairs have been quickly carried out.

I beg, Sir, to remain,

Your obedient servant, FRANCES A. BAKER,

Inspector.

HOUSING OF THE WORKING CLASSES ACT.

No new scheme under any of the divisions of the Act was initiated during the year. Nor is there much encouragement to put the Act again in force until the schemes already long ago represented have been dealt with. Nightingale still stands; Devonshire Place L.G. scheme and the larger one of Burne Street remain *sub judice*. What is really required is a clean sweep of the Housing of the Working Classes Acts, and *legislation de novo*, possibly on the lines of the Manchester





and Liverpool Local Acts, under which so much has been done and at a relatively less cost to the community than under the general Statute.

PROSECUTIONS UNDER THE PUBLIC HEALTH (LONDON) ACT.

Considering the number of notices and intimations under the Public Health (London) Act, the necessity for enforcing them by prosecutions are very few in number. For the most part sanitary notices have been executed promptly and without even questioning their justness.

No. 3, Little Marylebone Street was found to be without a responsible owner. The drains were choked and there was no water supply. A magistrate's order was obtained for closing the premises. The house was fully occupied by various families. All except one family quickly removed This family consisted of a man, his wife without trouble. and six children. They stopped on, declaring that they could not find lodgings elsewhere. This no doubt was true, it is becoming more and more difficult for a working man with a young family of five or six to obtain any kind of lodging in the central districts. The case was obliged to be brought before the magistrate who ordered a penalty of 40s, a day from a certain date in February, the fine not to be enforced if the premises were vacated within 18 days. The family within the time stated removed from the premises which were then properly secured.

No. 25, Harcourt Street was similarly found to be without a responsible owner; the general sanitary state was bad and there was no water supply to the premises. A closing order was obtained.

The house in Little Marylebone Street is still closed no owner having come forward. The house in Harcourt Street is at present undergoing considerable reparation in order to make suitable Club premises.

The occupier of a house in Marylebone Lane was fined and prosecuted for the at first sight trivial offence of placing an improper receptacle on the kerb. The practice of putting the refuse collected daily from the leading streets in uncovered receptacles of all kinds and sizes has, however, been a constant source of nuisance. Not alone does the dust blow about the street, but to see slop buckets, old jugs, decaying hampers, egg boxes and so forth is an offence to the eye. The owner of Nos. 10 and 13 Hereford Street was summoned for disobedience to a sanitary notice, the work being in progress at the time of hearing, the magistrate adjourned the case for 28 days, and ultimately the summons was withdrawn.

The owner of 314, Edgware Road, was summoned for neglecting to supply suitable drainage. The ownership proved to be most complicated; leases, subleases and assignments were plentiful. Ultimately it was considered that the freeholder was responsible, and an order obtained against him with costs. The freeholder raised the technical objection that under the Act, he was not the "Owner" and appealed. On the advice of Counsel it appeared that there was some doubt as to whether the appellant was not technically right and the case was settled out of Court by the Council paying certain expenses. In the meantime the house in question has been effectually drained by one of the lessees.

SALE OF FOOD AND DRUGS ACTS.

The work under these Acts was interfered with during four or five weeks owing to the removal of the Laboratory from the Town Hall to the present address in consequence of which there was a slight diminution, in the number of samples analysed as compared with 1901. The figures for the two years being 1901, 646; 1902, 545. The tabulated statement of the analyses is to be found in Table II, page 23.

Of the 545 samples 22 were reported adulterated. In most of the above, prosecutions were instituted and the vendors fined small sums, the minimum fine being f_{I} , the maximum f_{5} .

The fines recovered under the Acts amounted to f_{41} .

The definite Standards fixed by the Board of Agriculture have worked well, they are not only decreasing the amount of adulteration but they render the conviction of offenders easier.

SANITARY LEGISLATION, 1902.

There has been no statute passed directly bearing upon sanitation, save "The Cremation Act, 1902, (2, Edward VII., c. 8).

This Act makes all the provisions of the Burnal Acts which refer to the provision of a burial ground, applicable also to the provision of crematoria, it also applies for similar purposes, the provisions of the Public Health (Interments) Act, 1879. It further enacts that no crematorium shall be constructed nearer than 200 yards to any dwelling house except by consent in writing of the owner, lessee and occupier of such house, nor within 50 yards of any public highway nor in the consecrated part of the burial ground of any burial authority.

The regulations as to the maintenance and inspection of the crematoria and all details as to the burning of the body, the disposal of the ashes and a variety of details are to be settled by the Secretary of State.

The Secretary of State up to the present date has not issued any such regulations.

TABLE I.

REPORT OF MORTUARY KEEPER. FOR THE YEAR 1902.

Number of bodies received from January 1st to December 31st, 1902.

			Males.	. 1	emal	es.		Males.	F	'emales.
January			22		19	1	Forward	 114		113
February			26		24		July	 18		18
March			17		24		August	 23		9
April			15		19		September	 14	•••	21
	•••		15				October	 _ 19		21
May	•••		13	•••	17		November	 15		16
June			21		_17		December	 19		25
		-	114		113					000
		-	114		110	1		222	•••	223
		Total						 	445	

Number of Inquests from January 1st to December 31st, 1902.

Januar	у			21	Fo	rward		101
Februa	ry			18	July			12
March				18	August			14
April				13	September		•••	13
					October		• •	14
May	•••	••	•••	14	November			10
June				17	December	••		20
			-	101			-	104
			-	101			_	184
	Tota	.l				184		

Infectious cases received.

Smallpox							1
Diphtheria							5
Typhoid							4
Measles							1
							11
							2000

TABLE II.-SALE OF FOOD AND DRUGS ACT.

Genuine. Adulterated. Total. DAIRY PRODUCTS-Milk 186 .. 14 200 Butter 100 105 5 • • Margarine 18 ... 1 19 Cheese 3 3 Lard 10 10 .. • • Cream . . 2 2 • • ALCOHOLIC BEVERAGES-Whisky 47 47 • • • • Brandy .. 11 2 13 • • . . • • Gin.. .. 20 20 Rum 3 ... • • 3 .. Port Wine .. 6 6 . Beer • • 12 ... 12 Liqueurs 3 3 NON-ALCOHOLIC BEVERAGES-Coffee 8 8 . . Coffee and Chicory 3 3 Tea ... 2 • • 2 Cocoa ... 1 . . 1 . . . CONDIMENTS-Pepper 11 • • 11 . . Mustard 2 2 . Sauce 6 6 Vinegar 1 1 TINNED GOODS .. • • 45 45 SACCHARINE SUBSTANCES-Honey 1 1 Sweets 4 ... 4 ... Golden Syrup 5 5 ... Jam 1 • • 1 . . Sugar 2 2 . . MISCELLANEOUS-Lime Juice .. 1 1 Essence of Lemon ... 1 .. 1 Lemon Squash . . 3 . . 3 Lemon Powders .. 1 1 Quinine 7 • • • • 7 Glycerin 5 • • 5 Tincture of Rhubard ... Powdered Rhubarb 2 2 • • .. 1 .. 1 Spirits of Nitre .. 1 • • . . 1 Salad Oil ... 2 2 Corn Flour .. • • 1 • • . . 1 Peach Bitters .. 3 3 541 22 563

SAMPLES ANALYSED DURING 1902.

TABLE IIITABLE 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
1902; classified according to DISEASES, AGES, AND LOCALITIES.

	(a)		ALL SOULS		RECTORY	Tool of the second seco	ST. MARY		URBIST ORUNGH		ST. JOHN	Totais					
POPULATION AT ALL AGES.	(b) Census 1901	:	5,391		849	18,0		39,4			20,425		20,425		20,425)[
(c) Re	egistered Births		570		396	3	81	11	82	-4	31	296	0				
(d) A	ged under 5 orover 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	ā upwards	Under 5	10		5 upwards				
	/1. Chicken Pos	¢ 51	55	49	3)	35	12	79	64	56	57	270	218				
LICAL	2. Smallpox		17	1	27		20	2	41		16	3	121				
MRD	3. Scarlatina	24	22	12	38	9	27	12	33	48	110	105	230				
H L HR	4. Diphtheria	17	48	10	26	11	12	16	23	24	37	78	145				
NEW CLASES OF SICKNESS IN RACH LOCALITY COMING TO THE ENOULEDGE OF THE MEDICAL OFFICER OF HEALTH.	5. Membranou Croup	is 								1		1					
SS I RDG HR	/6. Typhus		· · ·														
ICKNE (NOWL)	7. Enteric Typho	or id 1	19		9		15	1	28	3	19	5	90				
PPIC	S Typho S A Continu	ed															
0 H O	9. Relapsin	g															
CAS 0 T	10. Puerpe	ral	5				1		2		1		9				
MINC	11. Cholera																
NO	12. Brysipelas	1	28	1	85	2	67	5	62	1	26	9	268				
et .!	1. Smallpox		17	1	27		20	2	41		16	3	121				
H BI	2. Scarlatina	18	59	10	39	7	24	10	35	41	86	86	243				
E T	3. Diphtheria	1	34	9	. 19	12	8	17	18	13	30	66	109				
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TERAT- MENT IN ISOLATION HOSPITALS.	4. Membranou Croup				· 					1		1					
ALLIA	/5. Typhus																
REN LOC.	6. Enteric	or										1					
SES LAL	Typho	d 1	12		6		10	1	21	2	14	4	63				
E CA	Typho And 7. Continu	ed															
SUCI T IN	8. Relapsin										•• .						
OF IN TI	9. Puerper	al	2				1				1		4				
BRR	10. Cholera																
MUN	11. Erysipelas		3		60	1	1	1	13	1	6	3	*82				
		1	1														

.

TABLE IV.—Giving the Causes of Deaths during the 53 Weeks ending December 27th, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital.	Queen Charlotte's Hospital.	Samaritan Hospital.	Work- house.	Notting Hill Infirm'ry.	Hospital of St. John & Elizabeth, Grove Road
Smallpox					1	
Influenza	1					
Scarlet Fever						
Diphtheria	6					
Typhoid Fever	7				1	
Diarrhœa	5			3	13	
Erysipelas	5				7	
Pneumonia and Pleurisy	31	1		2	29	1
Pyæmia	1		1		1	
Syphilis					9	
Cancer	150		3		27	5
Phthisis & Tuberculosis	25			1	122	12
Rheumatism	1				3	
Apoplexy			1.	1	7	
Paralysis					26	
Bronchitis	27			10	111	ō
Asthma				2		
Peritonitis	3	1			1	
Disease of Brain				1		
,, Heart	40	1		6	48	4
,, Kidney					2	
" Liver	6				5	
" Uterus			1			
,, Ovary						
Parturition						
Diabetes						
Fractures and Injuries	12			3	1.0	
Old Age					43	
Low Vitality, Infants		1				
Premature Birth	116	9	1			
Other causes		13	5	26	90	8
Total	*436	†26	‡ 11	55	556	§34

* Of the 436 deaths in the Middlesex Hospital, 33 were those of non-parishioners.

† The 21 of the 26 deaths in Queen Charlotte's Hospital were those of non-parishioners.

‡ 10 of the 11 deaths in the Samaritan Hospital were those of non-parishioners

§ 27 of the 34 deaths in St. John's Hospital were those of non-parishioners.

. Salatanit to para		Deat	ns in v subje		Distr Ages.					in L all Ag	ocaliti ges.)	es	ublic ns.
CAUSES OF DEATH.	All Ages.	Under 1.	I and under 5.	5 and under 15.	15 nnd under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.	Deaths in Public Institutions.
Smallpox	23	1	4	3		14	1	4	5	5	5	4	19
Measles	86	26	50	10				9	15	17	38	7	1
Scarlet Fever	14	2	9	2		1		2	3	1	2	6	11
Whooping Cough	16	5	11					7	1	1	6	1	3
Diphtheria and Mem-	27	2	15	7	2	1		4	7	6	4	6	20
branous Croup Croup	2	1	1						1		1		
Typhus													
Fever Enteric	14			1	5	8		1		1	9	3	13
Other continued										·			
Epidemic influenza	35	4	1		1	14	15	6	. 11	6	5	7	1
Cholera													
Plague					***	•••							
Diarrhœa	80	62	12			-4	2	15	7	9	37	12	22
Enteritis	Б	4	1						1	2	2		2
Puerperal fever	2					2			1		1		1
Erysipelas	7	3				1	3	- 3		2	1	1	4
Other Septic Diseases	23	1		1	4	15	2	6	7	5	3	2	10
Phthisis	225	6	3	2	23	162	29	59	31	28	71	86	126
Other Tubercular Diseases	75	22	20	9	5	18	1	16	7	7	30	15	20
Cancer, Malignant Disease	146					91	55	42	25	20	30	29	175
Bronchitis	345	39	24	5	6	98	173	72	74	48	105	46	116
Pneumonia	185	33	31	2	3	85	31	49	28	26	53	29	81
Pieurisy	6			2	***	4			2	1	1	2	3
Other Diseases of Respiratory Organs	13	***	2	•••		4	7	1	7	1	1	3	2
Alcoholism Cirrhosis of Liver }	45				1	39	5	12	5	7	15	6	13
Vénereal Diseases	17	11	2		1	3		2	3	3	6	3	4
Premature Birth	52	52						8	9	7	15	13	15
Diseases and Accidents	9				3	6		4	1		2	2	7
of Parturition Heart Diseases	229	3	1	9	6	125	85	56	29	30	76	38	90
Accidents	69	23	6	4	4	19	13	6	6	4	36	17	28
Suicides	7				2	-4	1	3	1	2	***	1	
All other causes	701	134	31	7	20	253	256	116	100	95	2:20	170	302
All causes	2458	434	224	61	86	971	679	503	387	334	775	459	*1089

TABLE V.—Causes of, and Ages at, Death during 1902, in the Borough of St. Marylebone.

* 392 of these deaths were Non-Parishioners.

TABLE VI..-DISTRICT BIRTHS AND DEATHS FOR THE FIFTY THREE WEEKS ENDING DECEMBER 27TH, 1902.

	Population	Bir	Births.		ths.
	in 1901.	Males. Fmls. Males. 292 278 191 205 195 186 592 590 217 214 214	Males.	Fmls	
All Souls Rectory St. Mary Christ Church St. John	35,391 19,849 18,099 39,536 20,426	191 195 592	$205 \\ 186 \\ 590$	253 194 167 419 219	250 193 167 356 240
Total	133,301	1487	1473	1252	1206

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

REGISTER OF SANUTARY WORK YEAR ENDING 31st DECEMBER, 1902.

PUBLIC HEALTH DEPARTMENT.

		ectors.	-	1	1	1					
	un Diagne merane anne 27 n. 1002.	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. W. Yeo, No. 5 District.	17		Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
Publ	ic Health (London) Act.								1	211	
	Dwelling Houses, &c	397	435	416	329	279	 		98	4	1958
	Tenements	538	132	503	524	343	 				2040
	Underground Dwellings	113	3	211	52	143	 				522
	Dairies, Milk Shops, Cow Houses	65	25	44	25	72	 		11	1	. 243
	Slaughter Houses	20	24	6	5	16	 				71
'n	Yards, Stables, and Mews	295	213	366	572	301	 		10	3	1760
ction	Smoke Shafts						 		57	7	64
Inspections.	Offensive Trades and Effluvia Businesses				2		 		4	1	7
	Refuse Receptacles	107	144	67	112	60	 		2	7	499
	Enquiries re non-removal of refuse	92	106	129	49	57	 			12	445
	Removal of Bodies to Mortuary	3	1	2	2		 				8
	Visits to Works in progress	2322	2384	2115	2439	1841	 		280	176	11557
	Miscellaneous Inspections	1638	1419	1285	1870	1274	 		292	465	8243
	NUT HOLESOME FOOD.			2	2		 				4
	CTIOUS DISEASE:-										
	Cases Isolated	12	18	9	8	6	 				53
	Cases Removed to Hospital	163	138	113	198	158	 				770
I	Rooms Disinfected	310	235	167	347	302	 				1361
NEW	DRAINAGE :										
1	Number of Plans Passed	89	73	60	104	106	 		7	4	443
1	New Pipe Drains (feet)	12610	13321	4482	12311	14634	 		30		57388 -
Η	Iouses where defects in existing Drainage have been detected and remedied	101	102	108	71	89	 		11	1	483

REGISTER OF SANITARY WORK YEAR ENDING 31st DECEMBER, 1902. PUBLIC HEALTH DEPARTMENT.

	-		111	-			1	140	1-			
	-	Distri		pector	rs.			1	R	RA	44.	
. a	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. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties	Miss F. A. Bakery-	Total	
		1					121.000	-		11.00		
Factory and Workshop Act.					1		inder.	12			Server .	
Enquiries as to Occupation									449	127	576	
Periodical Inspections :									171		171	
Factories									48	18	66	
Workshops			1						654	1454	2109	
Bakehouses	3								464	15	482	
Restaurants, &c								•	427	3	430	
Homeworkers' Premises									312	527	839	
Domestic Workshops									206	39	245	
			16			1					0	
Food and Drugs Act.								-rail	DA			
ADULTERATION.									-			
Samples collected for Analysis	127	109	122	89	107					9	563	
Correspondence, Legal Procedure, &c,												
	109	100	176	199	179				110	00	0.00	
Letters and Intimations relating to		100	110	100	110	•••			110	89	962	
		210	392	257	156				95	170	1583	
Statutory Notices Served	42	4	42	63	76			•••	34	8	269	
Proceedings taken before Magistrates	6			2	3						11	
(1) Under Public Health Act		1	5	1							7	
(2) "Factory & Workshop Act										1	1	
(3) ,, Food & Drugs Act	2	4	4	3	8						21	
Reports made to Medical Officer of Health	429	335	342	619	593				318	245	2881	

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De	hebourge undergr	hannd					132
	kehouses undergr				e'		37
Ba	ker, Miss Frances	, App	omum	ent o	1	•	01
BII	th and Death Ra	te-					
	January .				•	•	2
	February						22-
	March .						36
	April .						51
	May .						60
	June .						73
	July .						88
	August .						99
	September						99
	October .						120
	November						30
Bi	rths and Deaths						
DI	January .		2	Table	XI	IT	20
	February		22,			V.	28
	March .		50,			v.	
		•					
	April .	•	50,	"		V.	
	May	•	60,	**	1	II.	
	June .		72,			V.	
	July		88,	.,		V.	
	August .		98,			II.	103
	September		98,	.,	I	V.	104
	October .		120,		I	II.	123
	November		130,		I	II.	135
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April				55	V.	56
May				21	V.	68
June				*,,	VII.	81
July				3.9	III.	91
August					IX.	109
September					Χ.	109
October				33	V.	125
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H

Hall					aryleb			
		ecuti	ion of	, for	Milk	Adul	tera-	
	tion							38
					, Pros			
	Owne	r une	der Pu	ablic 1	Health	Acts		100
Here	eford	Stree	et, No	s. 10	and 1	3, Pros	secu-	
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					Classes			

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Echunows	27
M 111	50
Annil ITT	54
Mon	35
Iuno	
	17
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THE

SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE DURING JANUARY, 1902.

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. XXII. TOWN HALL, ST. MARYLEBONE, FEBRUARY 8TH, 1902. No. 1.

The week ending December 28th, 1901, was overcast and sunless, with some fog. Minimum temperature, 26.0°; maximum, 45.5°; mean, 36.5°. On two days rain fell 0.61 inch. Winds, S.E. Mean barometer, 29.9 inches.

The week ending January 4th, 1902, was wet; on five days rain falling to the total amount of 0.68 inch. Minimum temperature, 41.0° ; maximum, 55.0° ; mean, 45.3° . The winds were W. & W.S.W. Sunshine was deficient 3 5 hours being registered out of a possible 54.9. Mean barometer, 29.6 inches.

The week ending January 11th was overcast, and on three days slight rain fell (0.07 inch). Minimum temperature, 39.2° ; maximum, 52.5° ; mean, 44.5° . Winds, S.W. & E.S.E. Sunshine, 4.7 hours out of a possible 56.2. Mean barometer, 30.2 inches.

The week ending January 18th was rainless and cool. Minimum temperature, 24.0°; maximum, 48.5°; mean, 39.0. Winds, N.E. & N.W. Sunshine, 3.8 hours. Barometer, 30.3 inches.

The week ending January 25th was also cool. On one day slight rain fell 0.02 inch. Minimum temperature, 29.9°; maximum, 52.0°; mean, 29.1°. Winds, W.S.W. Sunshine, 5.8 hours out of a possible 58.2. Mean barometer, 29.9 inches.

BIRTHS AND DEATHS.

During the five weeks ending January 25th there have been registered 305 births and 249 deaths. These births and deaths are divided among the five sub-districts as set forth in Table XIII. Ninety-one of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting H	ill .		55
North-Western Fever Hospital			3
Western Fever Hospital			2
Hospital Ship "Atlas"			3
St. Mary's Hospital			3
Children's Hospital, Paddington			2
,, ,, Great Ormond S	treet		1
St. George's Hospital		• • •	1
University Hospital			1
Great Northern Hospital		'	1
French Hospital			1
Royal Hospital			1
London County Asylum, Dartford		. 1	1
Colney Hatch Asylum			3
Hanwell Asylum			2
Leavesden Asylum			1
St. Paneras Infirmary			1
St. Giles' Workhouse			1
55, Maida Vale			1
Gloucester Place, Paddington			1
Friedenheim			2
St. Luke's Home, Hampstead			1
Home Hospital, Hampstead			1
St. Peter's Home			1
Home for Aged Christian Blind			1
		Total	91

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

All Souls, birth-rate 16.4; death-rate 13.8. Rectory, birth-rate 21.5; death-rate 23.0. St. Mary, birth-rate 21.3; death-rate 21.9. Christ Church, birth-rate 33.0; death-rate 19.1. St. John, birth-rate 28.5; death-rate 24.4.

The whole district, birth-rate 24.3; death-rate 19.4.



DIAGRAM B.

DIAGRAM showing the variations, month by month, in the average incidence of <u>Small-pox</u> mortality in London during the fifty years 1841-90, and the variations, month by month, in the average number of <u>Small-pox</u> patient admitted to the <u>Metropolitan Asylum</u> and <u>Highgate Hospitals</u> during the fifteen years 1876-90.



The mean line represents an average weekly number of 57 admissions.

The average death-rates for five years (1895 to 1900) for the corresponding period were as follows: —All Souls, 15.8; Rectory, 26.6; St. Mary, 20.4; Christ Church, 19.0; St. John, 25.7; the whole district, 20.8.

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 FIVE WEEKS ENDING JANUARY 25TH, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:--

	Total Deaths. 5 weeks ending Jan. 25th, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Jan. 21, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1900-1901.
 Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular 	20 77 28	80 300 113	1.51 5.82 2.12	2·27 5·87 2·34

NOTES.

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

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

Smallpox.

Smallpox is still with us; should the outbreak follow the usual seasonal distribution, as shown graphically in the accompanying curves, it will decline during February and March to rise in April and attain a maximum in May.

The number of cases of smallpox removed to hospital in the Borough from the 1st June, 1901, to the last day of January, 1902, was as follows :—

June, 1901 -	-	-	-	-	1
July		-	-	-	2
August	-	-	-	-	13
September -	-		-	-	24
October		-	-	-	7
November -	-		-	-	7
December -	-	-	-	-	10
January, 1902	-	-	-	-	29
					93

Nine of the 93 were unvaccinated children under 10 years of age, the rest were aged from 18 to 62. In only a few cases is there at present precise information as to the amount of protection the rest of the sufferers possessed in the way of vaccination, but even supposing they had all been thoroughly vaccinated in infancy, an 18 years old vaccination may be of value in modifying the character of the disease, but its protective value is small.

On the other hand, no case has occurred in the district of a nature to shake the writer's absolute faith in the protective power of a recent re-vaccination, which has caused sufficient local action to show that the lymph has been absorbed.

It would be highly desirable to know how far at the present time the inhabitants of the Borough have had the intelligence and will to take advantage of re-vaccination, or, in other words, to know what human material exists suitable for the cultivation of smallpox.

We may at once exclude the population under 15 years of age; the majority have been vaccinated in infancy, and the protection will have only worn itself out in a minority of the cases. All persons over 15, although they may have been well vaccinated in infancy, will be more or less liable to catch smallpox, and these number 102,000. How many of these have been vaccinated? the numbers could be exactly told if all were re-vaccinated by the Public Vaccinator, but a large number are vaccinated by other practitioners, and hence no complete returns are available. From certain data it would appear the number may be anything between 16,000 and 50,000, the latter being a high

4

estimate, the former a low estimate. To alter the ordinary seasonal distribution, and to protect the Borough at once from all cases save imported cases, will require a farther re-vaccination of at least 50,000 adults.

In proportion to its population, St. Marylebone is now better vaccinated than most of the Metropolis, the probability is, therefore, that a greater proportional number of unprotected persons are to be found in other districts, hence the epidemic will not be extinguished for want of material.

THE CENSUS, 1901.

The detailed statistical information concerning the population of the Metropolis and its various divisions and sub-divisions has been recently published as an official document and it will be useful to extract with comments the chief tables relative to the Borough.

Table II. gives the population and inhabited houses both in 1901 and in 1891 for the Borough and for its five registration divisions, showing a considerable decrease in the population as a whole : the decrease being no less than 10,782 in the ten years, or over 1,000 a year. The decrease has been in every sub-district save that of St. John's Wood, in which locality there has been a slight increase.

The causes are the general cause by which more and more the central parts of the Metropolis are utilised for business purposes, the suburbs for residential; each year as the Borough will become from the extension of buildings to the north and north-west more central, there will be a slow drifting from the area of high to those of lower rents, added to this the extensive changes wrought by the Great Central Railway, and the fact that during the decade a vast number of leases have fallen in and tenement streets have been converted into streets of a higher residential character.

Distribution of Sex.

The 1901 census gives the distribution of sex as 57,891 males and 75,410 females; this is in the proportion of 100 males to 130 females, in the former census the proportion was 100 males to 128 females, so that proportionately the sexes in Marylebone are even less equal than formerly.

Age Distribution.

The age and sex distribution are important factors in interpreting birth and death rates.

The natural death rate, for example, of children under 5 years of age is about 52 per 1000; of persons 85 and upwards 280 per 1000; while the natural death rate for persons between 20 and 35 is between 6 to 7 per 1000. Hence in a district containing a large barracks filled with young soldiers of the very best age, the mortality, quite irrespective of sanitary condition, may appear very low; in another district containing, say an orphan asylum crammed with very young children, and in addition to this a number of almshouses occupied by very old persons, the death rate may appear excessive and alarming, although it may be quite a natural one.

The age and sex distribution is set out elaborately in Table IV., but the chief facts as well as a comparative view of the age constitution in the former (1891) census is more conveniently shown by calculating the ages in groups per 1000 of the population :—

				1891	1901
Under 5 years	-	-	-	93	83
5 to 15 ·	-	-	-	162	143
15 to 25 -	-	-	-	216	216
25 to 40 -	-	-	-	262	279
40 and upwards	-		-	267	279
				1000	1000
					International State

It is evident there is an alteration in the age constitution of the district, the proportion of children and young persons is less, of adults more.

The Number of Foreigners in Marylebone.

Table V. shows the number of foreigners of various countries resident in Marylebone. The majority of these are of German, French, Swiss, Italian, and American origin.

It is interesting to observe that foreigners form 4 per cent. of the total London population, and also 4 per cent. of the Marylebone population.

Domestic Servants.

A large number of domestic servants tends to lower the death rate, for the majority are of an age that only yields naturally from 6 to 7 deaths per 1000. In Marylebone there are 102,000 persons over 15 years of age, and of these 16 per cent. are in domestic service. (See Table VI.)

Lunatics, Blind, &c.

According to the census return (see Table VII.) there are only 8 lunatics in the Borough. The writer would have thought there were more than this number.

Indeed, with regard to the whole table, since those who become imbecile or deaf or blind within the district are afterwards received in various charitable institutions outside the district, the information is somewhat misleading.

Tenements.

Table VIII. is of great importance from the point of view of decently housing the people. The table shows that the total tenements of less than five rooms number 22,947, and that 15,603 of the population occupy either one or at the most two rooms, this is 11 per cent., or say 12 per cent. of the population. In 1891 14 per cent. of the population were housed in the same manner. In other words, the one and two-roomed tenements have decreased.

REGISTER OF SANITARY WORK Month ending 31st January, 1902

PUBLIC HEALTH DEPARTMENT.

		1	Distric	t Ins	pector	8.	 1	1	1		
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Anurews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties,	Miss L. M. O'Kell.	Total.
Publ	ic Health (London) Act.										
	Dwelling Houses, &c	24	29	20	20	17	 				110
	Tenements	50	36	35	60	31	 				212
	Underground Dwellings	6		18	4	3	 				31
	Dairies, Milk Shops, Cow Houses	9	1		2	7	 				19
	Slaughter Houses	2	1		1	3	 				7
ls.	Yards, Stables, and Mews	38	42	36	40	26	 				182
ction	Smoke Shafts						 		3		3
Inspections.	Offensive Trades and Effluvia Businesses						 				
	Refuse Receptacles	20	18	5			 				43
	Enquiries re non-removal of refuse	11	17	12	12	8	 				60
	Removal of Bodies to Mortuary			1			 				1
	Visits to Works in progress	135	146	140	150	141	 		32	40	784
	Miscellaneous Inspections	130	160	120	140	126	 		51	12	739
UNW	HOLESOME FOOD.										
1	Number of seizures made						 				
INFI	CTIOUS DISEASE :										
(Cases Isolated						 				
(Cases Removed to Hospital	15	5	13	31	19	 				83
]	Rooms Disinfected	28	18	17	56	29	 				148
NEW	7 DRAINAGE :										
1	Number of Plans Passed	6	3	3	5	7	 		2		26
1	New Pipe Drains (feet)	920	490	182	760	1642	 				3994
]	Houses where defects in existing Drainage have been detected and remedied		9	4	5	7	 		2		33

- REGISTER OF SANITARY WORK Month ending 31st January, 1902.

PUBLIC HEALTH DEPARTMENT.

	1	Distri	et Ins	pector	rs.		1	1		
	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. W. Yeo, No. 5 District,			Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell,	Total
					-					
Factory and Workshop Act.							-			
Enquiries as to Occupation						 		49	20	69
Periodical Inspections :										
Factories						 		3	3	6
Workshops						 		56	46	102
Bakehouses						 		10		10
Restaurants, &c						 		13		13
Homeworkers' Premises						 		21	21	42
Domestic Workshops						 		18	7	25
Food and Drugs Act. ADULTERATION. Samples collected for Analysis	14		21	7	1	 				43
Correspondence, Legal Procedure, &c.										
Complaints received	17	18	20	16	19	 		7	8	105
Letters and Intimations relating to Abatement of Nuisances	28	19	30	30	18			5	32	162
Statutory Notices Served	6	3	7	3	5	 		3	4	31
Proceedings taken before Magistrates						 				
(1) Under Public Health Act						 				
(2) " Factory & Workshop Act						 				
(3) " Food & Drugs Act						 				
Reports made to Medical Officer of Health	54	42	45	70	61	 		48	10	330
			-							

TABLE II.—Registration Districts of St. Marylebone. Area; Houses, and Population, 1891 and 1901; and Separate Occupiers, 1901.

	Are			HOUSES.			lies or Occupiers.		P	OPULA	TION.			
Registration Districts.	Land and Inland Water.	Inland Water only.	Inhabited.	Inhabited.	In Occupation.	Not in Occupation.	Building.	Families or Separate Occup	Pers	ons.	Ma	iles.	Fen	ales.
			1891.		190	01.		1901.	1891.	1901.	1891.	1901.	1891.	1901.
St. Marylebone	1,472*8	25.2	15,496	13,536	762	702	132	31,623	144,083	133,301	63,151	57,891	80,932	75,410
1. All Souls	243.4	-	3,896	3,323	406	161	101	8,380	39,327	35,391	17,141	14,724	22,186	20,667
2. Rectory	117.8	-	1,956	1,673	121	65	6	4,272	20,502	19,849	8,603	7,955	11,899	11,894
3. St. Mary	106*1	-	2,064	1,955	87	156	2	4,803	19,239	18,099	8,213	7,623	11,026	10,476
4. Christ Ch.	600*7	25.5	4,589	3,584	78	151	19	9,250	45,191	39,536	21,343	19,281	23,849	20,255
5. St. John	401.8	-	2,991	3,001	70	169	4	4,918	19,824	20,426	7,851	8,309	11,973	12,118

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CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE.

1902.

JANUARY.





TABLE III.—Metropolitan Borough of St. Marylebone, with its Constituent Civil Parish and Wards, Area, Houses, 1901, and Population, 1891 and 1901.

	res.	HO	USES.	1901			POPUL	ATION.	
METROPOLITAN	ute Ac		Uninha	bited.		1891.		1901.	
BOROUGH.	Area in Statute Acres.	Inhabited.	In Occupation.	Not in Occupation.	Building.	Persons.	Persons.	Males.	Females.
ST. MARYLEBONE.	1472.8	13,536	762	702	132	144,083	133,301	57,891	75,410
Civil Parish St. Marylebone. (6:1-5)									
WARDS: No. 1 Hamilton Terrace		1,402	25	73	1		8,711	2,939	5,772
No. 2 St John's Wood Terrace		1,599	45	96	3		11,715	5,369	6,346
No. 3 Church Street		2,248	56	32	18		27,709	14,072	13,637
No. 4 Dorset Sq & Regent's Pk.		1,336	22	119	1		11,827	5,209	6,618
No. 5 Bryan- ston Square		1,955	87	156	2		18,099	7,623	10,476
No. 6 Portman		1,673	121	65	. 6		19,849	7,955	11,894
No. 7 Park Crescent		1,521	73	64	10		15,559	6,442	9,117
No. 8 Langham		1,017	67	45	54		11,210	4,417	6,793
No.9 Cavendish		785	266	52	37		8,622	3,865	4,757

Borough.		All Ages.	Une 1 y		1	2	3	4	Und 5 yr		5	- 10	13
St. Marylebone	Р.	133,30	1 2,47	75 5	2,208	2,129	2,195	2,036	11,0	43 9,	,630	5,572	1,831
	M.	57,89	1 1,25	21	1,108	1,048	1,103	1,028	5,5	08 4,	,730	2,668	848
	F.	75,41	0 1,28	54	1,100	1,081	1,092	1,008	5,5	35 4,	,900	2,904	983
Borough.	14	15	10	6	17	18	19	20	21		25	30	35
st. Marylebone	2,030	2,18	2 2,34	40 2	2,500	2,808	2,864	3,111	13,0	51 14	,667	12,019	10,42
	956	98	3 1,0	16	1,112	1,177	1,203	1,229	5,1	59 5	,714	4,980	4,33
	1,074	1,199	9 1,29	94	1,388	1,631	1,661	1,882	7,8	92 8	3,953	7,039	6,09
Borough.	40	45	50	55	60	65	70	75	80	85	90		100 & upwd
t. Marylebone	8,851	7,435	6,114	4,53	7 3,925	2,603	1,927	1,068	566	160	31	. 7	1
	3,947	3,299	2,773	2,01:	2 1,725	1,072	746	420	185	53	10	1	
	4,904	4.136	3.341	2.52	5 2.200	1,531	1.181	648	381	107	21	6	1

TABLE IV.—Ages of Persons, Males and Females, in the Metropolitan Borough of St. Marylebone, 1901.

				5.5	
				3,237	2,323
Countries not state	ed			• 10	4
Other States of So	uth America	ı		3	10
Brazil					2
Argentine Republi	с			5 1	$\begin{array}{c}1\\3\\2\end{array}$
Other States of Ce		ica		1	1
Mexico				3	1
United States				173	180
AMERICA.					
ATTINTAL					
Other Countries				1	2
Egypt				1	_
AFRICA.					
Other Countries	••	• •	• •	_	1
Japan	• •		• •	8	1
China				19	4
				10	a second
ASIA.					
Turkey		••	•••	40	'
Turkey				45	7
Servia, Roumania,	and Bulgari	· · ·		15	$\frac{2}{4}$
Italy Greece	•••		• •	042 7	
Portugal	•••			342	120
	••		• •	20 7	4
	••	••	•	220	130
Hungary Switzerland	••	••	•••	220	150
	••	• •	1.1	40	10
Germany Austria	••	:.	••	$1,076 \\ 251$	688 52
France	••	11	••	473	671
Belgium		• •	••	77	88
Holland	••	• •	••	66	34
Denmark		• •	• •	38	28
Norway		• •		15	17
Sweden	••	• •		70	39
Poland (Russian)				91	73
Russia				151	115
EUROPE.					

TABLE V.—Country of Birth of Foreigners enumerated in the Borough of St. Marylebone.

5,560

TABLE VI.—Families or Separate Occupiers and Male and Female Domestic Indoor Servants* in the Borough of St. Marylebone with the Proportions per cent. of Domestic Servants to Families or Separate Occupiers.

Metropolitan Borough.	Families or Separate Occupiers.		estic In ervants.*		Domesti to Fam	ions per ic Indoor ilies or Occupiers	Servants Separate	
	occupiers.	Total.	Males.	Females.	Total.	Males.	Females.	
ST. MARYLEBONE	31,623	16,244	1,690	14,554	51.4	5.3	46.1	

* Excluding those employed in Hotels, Lodging and Eating Houses.

TABLE VII.—Persons returned as Blind, Deaf and Dumb, Deaf, Lunatic, Imbecile or Feeble-minded, or suffering from Combined Infirmities, in the Borough of St. Marylebone, 1901.

]	Blind			eaf s Dumb			Deaf.		L	unati	с.		becile le-mi	e or nded	ies.
Metro- politan Borough.	Total.	From Childhood.	Others.	Combined Infirmities.												
St. Marylebone	64	3	61	17	3	14	31	3	28	8	-	8	38	3	35	2

NOTE .- ° These figures include persons returned simply as "Dumb."

TABLE VIII.—Total Tenements and Tenements of less than Five Rooms, distinguishing those occupied by various numbers of Persons, in the Metropolitan Borough of St. Marylebone, 1901.

Metropolitan	tenement	s of less rooms,			PE	RSONS	PER	TENI	MEN	T.				
Borough.	Rooms in	Tenements of less than five rooms.	1	2	3	4	5	6	7	8	9	10	11	12 or more.
St. Marylebone	1	8,312	3,641	2,619	1,140	582	234	72	16	5	3			
Total Tene-	2	8,246	785	1,980	1,747	1,415	1,020	685	366	170	55	19	4	
ments, 31,623	3	4,185	268	705	815	701	604	454	280	192	107	27	22	9
Tenements of less than five rooms, 22,947	4	2,204	90	320	357	370	305	277	167	146	· 86	54	20	12

TABLE IX.—INSTITUTIONS. – Persons enumerated in Workhouse Establishments, in Hospitals and in Lunatic Asylums, in Prisons, and in Certified Reformatory and Industrial Schools in the Borough of St. Marylebone.

Number of District and Sub-District.	Registration District	_Civil	INSTITUTIONS.	(P P	ial In atien auper atics,	8,		cials Fam	
Number and Sul	and Sub-District.	Parish,	INSTITUTIONS.	Persons.	Males.	Females.	Persons.	Males.	Females.
6	St. Marylebone	0	Column extension of the						
1	All Souls	St. Marylebone	Middlesex Hospital	308	138	170	180	36	144
			Ladies' Hospital, Harley Street	12		12	19	1	18
			All Saints' Hospital (Children's)	65		65	35		35
			West End Hospital for Paraly-	36	15	21	17	1	16
			National Orthopædic Hospital	59	29	30	19		19
			London Throat Hospital	17	8	9	5		5
			St. Elizabeth's Home	47		47	20		20
			Medical and Surgical Home	5	2	3	12	,1	11
			Home for Incurables	16		16	5		5
			Maurice Industrial School Girls' Home	25		25	3		3
2	Rectory		Workhouse	1678	807	871	31	12	19
			Casual Wards	95	65	30	4	1	3
			Grotto Home for Working Boys	16	16		3	1	2
3	St. Mary		Samaritan Free Hospital	39		39	34	1	33
			Western Ophthalmic Hospital	7	2	5	3		3
			Queen Charlotte's Lying-In	97	28	69	42	4	38
			Hospital Home for Consumptive Females	18		18	4		4
5	St. John		Hospital of St. John and St.	50		50	32		32
			Elizabeth Hospital for Epilepsy and				2		2
			Paralysis Home for Incurable Children	30	15	15	9		9
			Home of Rest, Finchley Road	20	1	19	7		7

TABLE X.—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 January, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

					~								
	(a)		ALL SOULS		KECTORY		ST, MARY	Curried Curriedo	CHMON VALUE	Ber Tanne	ST. JOHN	Totals	
POPU AT AL	(6) Census 1901 egistered Births	35,3	:9 1 56	19,8	549 41	18,0	999 37	39,8 1	536		425	133,30 305	
(d) A	ged under 5 orover 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	õ upwards	Under 5	õ upwards	Under 5	ā upwards	Under 5	5 upwards
	/1. Chicken Pox	3	2				**	2	1	1	1	6	4
TTY	2. Smallpox		8		1		3		12		5		29
DAL UKDI	3. Scarlatina	1	8		1	3	3		2	1	3 .	5	17
Lo	4. Diphtheria		4	3	3	3	4	2	4	3	1	11	16
NEW CASES OF SICKNESS IN RACH LCDALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTE.	5. Membranous Croup												
I IN 184	/6. Typhus												
THE KNOWLEDGE OF THE KNOWLEDGE OF OFFICER OF HEALTE.	7. Enteric or		1						2		2		5
E KI	Sin Typhoid 8. Continued												
THE OF	9. Relapsing				1000	0.014							
TO													
ING U	\10. Puerperal		2		**								2
NEV	11. Cholera			••									
	12. Erysipelas		6		5	2			2		2	2	15
H.	1. Smallpox		8		1		3		12		5		29
TRI L	2. Scarlatina		6		1	2	3		2	1	3	3	15
NOM OR 9	3. Diphtheria		1	3	3	4 -	2	2	3	3	1	12	10
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TERAT- MENT IN ISOLATION HOSPITALS.	4. Membranous Croup										·		
NOW	/5. Typhus												
LOC LOC	6. Enteric or												
ASES RAL DLAT	gi Typhoid		1						2		1		4
H C. RVE	Typhoid												
SUC RES	S. Relapsing												
N TI NEN	9. Puerperal		2				1				1		4
BKR KS I	10. Cholera												
NUMHOM	11. Erysipelas		1		3	1						1	4
						1							_

TABLE XI.—Giving the Causes of Deaths during the 5 Weeks ending January 25th, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's Hospital.		Workhouse	Notting Hill Infirmary.	Hospital o St.John & Elizabeth Grove Rd.
Smallpox					1	
Influenza						
Scarlet Fever						
Diphtheria						
Typhoid Fever	1				1	
Diarrhœa	1					
Erysipelas					1	
Pneumonia and Pleurisy	2	1		1	3	
Pyæmia	1		1			
Syphilis					1	
Cancer			2		4	
Phthisis & Tuberculosis					8	3
Rheumatism	1				1	
Apoplexy					1	
Paralysis				311	4	
Bronchitis	1			1	10	
Asthma						
Peritonitis	3	1			1	
Disease of Brain				1		
., Heart	2			1	7	2
" Kidney						
" Liver	2				1	
" Uterus						
" Ovary						
Parturition						
Diabetes						
Fractures and Injuries	2				2 .	
Old Age					2	
Low Vitality, Infants						
Premature Birth						
Other causes	9				7	1
Total	*41	2	±3	4	55	++6

* Of the 41 deaths in the Middlesex Hospital, 30 were those of non-parishioners.

‡ The 3 deaths in the Samaritan Hospital were those of non-parishioners.

It Two of the 6 deaths in St. John's Hospital were those of non-parishioners.

		Death	sjin v subjoi			ict at		D		in Lo all Ag	calitio (es).	es	ublic ins.
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Public Institutions.
Smallpox	4		1			3			1	2		1	4
Measles	5	2	2	1					1	2	2		
Scarlet Fever	2	1	1							1		1	4
Whooping Cough													
Diphtheria and Mem-	3		2	1					1		1	1	3
branous Croup Croup													
« (Typhus													
Enteric	2					2		1			1		2
\subseteq Other continued													
Epidemic Influenza	1	1							1				
Cholera													
Plague													
Diarrhœa	2	2								1		1	1
Enteritis													
Puerperal Fever													
Erysipelas	1	1						1					
Other Septic Diseases	4					3	1	2	2				
Phthisis	16				1	13	2	4	2		9	1	11
Other Tubercular	12	1	1	1	1	8		1	5		5	1	
Diseases Cancer, Malignant	15					12	3	4	2	1	4	4	22
Brouchitis	47	4	2		4	11	26	12	8	8	10	9	12
Pneumonia	16	4	1			8	3	2	3	2	5	4	7
Pleurisy								1					
Other Diseases of	1											1	
Respiratory Organs								3			2	1	
Cirrhosts of Liver 5	8					7	1		••	2	-	1	
Venereal Diseases	4	2	1			1			1		1	2	
Premature Birth	3	3								1	2		
Diseases and Accidents of Parturition	1				1							1	
Heart Diseases	22	1		2		13	6	6	3	4	8	1	6
Accidents	8	4				2	2		3		4	1	4
Suicides													
All other causes	72	11	3	1	5	34	18	11	11	14	18	18	45
All causes	249	37	15	6	12	117	62	47	44	38	72	48	126

TABLE XII.—Causes of, and Ages at, Death during the 5 weeks ending January 25th, 1902, in the Borough of St. Marylebone.

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TABLE XIII.—DISTRICT	BIRTHS	AND	DEATHS	FOR	THE
FIVE WEEKS ENDING	JANUA	RY 2	5тн, 190	2.	

		Population	Bir	ths.	Dea	ths.
		in 1901.	Males.	Fmls,	Males	Fmls
All Souls		35,391	25	31	24	2
st. Mary		$19,849 \\ 18,099$	$\frac{24}{19}$	17	20	24
		$39.536 \\ 20,426$	63 24	61 23	39 21	33
	for the second		~1		- 21	27
	Total	133,301	155	150	123	12

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.

SANITARY CHRONICLES

THE

BOROUGH OF ST. MARYLEBONE

OF THE

DURING FEBRUARY, 1902.

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. XXII. TOWN HALL, ST. MARYLEBONE, MARCH 7TH, 1902. No. 2.

The week ending February 1st was cool but fine. Minimum temperature, 28.5°; maximum, 46.5°; mean, 36.3°. Winds, W.N.W. and N.E. On two days slight rain fell, 0.19 inch. Sunshine registered in Regent's Park, 32.5 per cent. Mean barometer, 29.9 inches.

The week ending February 8th was wintry. Minimum temperature, 30.0° ; maximum, 38.8° ; mean, 35.1° . Winds, E.N.E. On three days rain or snow fell, 0.11 inch. Sunshine received only $1\frac{1}{4}$ hour. Mean barometer, 29.9 inches.

The week ending February 15th was cold and wintry, and somewhat foggy. Minimum temperature, 22.0°; maximum, 39.2°; mean, 31.3°. Winds, N.E. Sunshine registered 24.5 per cent. Mean barometer, 29.8 inches.

The week ending February 22nd was overcast and cold. Minimum temperature, 20.0°; maximum, 49.8°; mean, 39.5°. Winds, E. & N.E. On one day rain fell, 0.1 inch. Sunshine only 7.4 per cent. Mean barometer, 29.9 inches.

Births and Deaths.

During the four weeks ending February 22nd there have been registered 232 births and 280 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV. Ninety-three of the deaths were extra-parochial as follows :—

St. Marylebone Infirmary, Notting Hill	••		64
Hospital Ship "Atlas"			6
North Eastern Fever Hospital			2
North-Western Fever Hospital			3
Western Fever Hospital			1
St. Mary's Hospital			6
St. George's Hospital			1
Royal Chest Hospital			1
Royal Hospital			1
Banstead Asylum			1
Hanwell Asylum			1
Licensed Victuallers' Asylum		• 1	1
St. Peter's Home			2
In the various streets			3
		Total	93

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

All Souls, birth-rate 16.5; death-rate 18.0. Rectory, birth-rate 29.3; death-rate 38.6. St. Mary, birth-rate 19.4; death-rate 29.4. Christ Church, birth-rate 31.9; death-rate 31.6. St. John, birth-rate 21.0; death-rate 22.0. The whole district, birth-rate 22.6; death-rate 27.3.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows :—All Souls, 19.9; Rectory, 28.3; St. Mary, 23.9; Christ Church, 21.2; St. John, 22.0; the whole district, 22.4. 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 FOUR WEEKS ENDING FEBRUARY 22ND, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES :--

		Total Deaths. 4 weeks ending Feb. 22nd, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending Feb. 22, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding peried 1900-1901.
1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	45	161 378 100	$4.39 \\ 10.3 \\ 2.73$	2·17 5·87 2·41

NOTES.

1. includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough,

Erysipelas, Croup, Fever, and Diarrhœa.

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

The High Death-Rate.

The death-rate is much above the average; this is due mainly to the deaths of old persons from chest affections, particularly bronchitis. The cold, impure air of February has directly caused no less than 82 deaths from bronchitis, 50 being persons aged over 65, added to this, influenza has been epidemic, and there has been a smart outbreak of measles, necessitating the closing of the infants' department of more than one school.

Resignation of Miss O'Kell.

Miss O'Kell has resigned simply because she has been able to command a slightly higher salary in Paddington.

The increase is for the moment $\pounds 10$ per annum, hence as half the salary is contributed from the whole County, the Borough is losing the services of an invaluable officer for the sake of a $\pounds 5$ note. A matter much to be regretted.

Smallpox.

During the month there have been 26 cases of smallpox, no less than nine of these, or almost a third, were derived from the Salvation Army Barracks, Burne Street. The writer, therefore, had an interview, in company with the Medical Officer for the County of London, with the chief of this particular department, and suggested that none should be permitted to take any advantage of the shelter unless they were immunised by a recent re-vaccination, or were willing to be re-vaccinated. This was cheerfully assented to. Accordingly the Public Vaccinator has attended almost every night, with the gratifying result that over 600 adults in this institution have been re vaccinated; others have been re-vaccinated previously, and there only remains a small residuum of unprotected persons, hence there is now no fear that the establishment in Burne Street will become a danger to the Borough. The same wise precaution has been adopted at the writer's suggestion by the authorities of Queen Charlotte's Hospital. A similar regulation is in force in the various establishments of the Church Army. Nothing will more effectually arrest the spread of smallpox than this kind of mild compulsion.

There have been 6 deaths from smallpox at the Hospital ships of parishioners, 3 of these were children from 2 to 14 years of age, not one of these had been protected by vaccination. One, it is true, is said to have been vaccinated, but the vaccination did not "take," the other three had been vaccinated in infancy, and as their ages ranged from 27 to 40 the protection had quite worn out.

Prosecution under the Public Health (London) Act.

No. 3, Little Marylebone Street, a house with neither drainage nor water supply, and without a responsible owner, was ordered to be closed by the Magistrate. A family consisting of man, wife, and six children, living on the first floor, continued their occupation, alleging that they could not find accommodation elsewhere. Thereupon a summons was taken out against the occupier. The Magistrate awarded a penalty of 40s. a day as from February 13th, the fine not to be enforced if the premises were vacated by March 3rd. The premises were vacated before March 3rd. and the back and front of the premises properly secured by the Surveyor. These proceedings from first to last will have cost several pounds. No doubt a responsible owner will shortly come forward, and it is a question how far the owner can be equitably called upon to reimburse the local authority.

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 February, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

								and a second	4			_	
	(a)		ALL SOULS		Пкстокт		Sr. Мант		CHRIST CHURCH	•	Sr. John		SINDA
POPULATION AT ALL AGES.	(b) Census 1901	35,	391		849	18	099	39.	.536		,425	143,5	
(c) R	egistered Births		45		31		27		96		33	23	2
(d) 1	Aged under 5 orover 5	: Under 5	5 upwards	. Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	č upwards
	/1. Chicken Pox	2	10	3		4	2	8	17	9	16	26	45
LITY	2. Smallpox		2		6		3		13		2		26
MEN	3. Scarlatina	2	3		4	1	2	1	9	1	5	5	23
HR L	4. Diphtheria	3	4		1		1	3	6			6	12
OF T OF T LTH.	5. Membranous Croup												
S IN DGR HRA	/6. Typhus												
OF SICKNESS IN EACH LCOALIFY THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	7. Enteric or						2	1			2	1	4
THE KNO	Single Street St												
NEW CASES OF COMING TO THE OFFI	9. Relapsing												
JASE 5 TO	10. Puerperal										1116		
W C	11. Cholera												
N.B.	12. Erysipelas				3			1			5		10
	1		1				1		1				-
R R I S	1. Smallpox		2		6		3		13		2		26
N T R	 Scarlatina Diphthenia 	2	3	••	4	1	. 2	1	8	1	1	5	18
FRO S FO.	S. Diphtheria	3	2	••				3	6	••	2	6	10
VED ITIE 08PI	4. Membranous Croup												
EMO CAL	/5. Typhus												
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	é. Enteric or ≝ Typhoid						2	1			1	1	3
I CA	Typhoid												
SUCI TE SI	S. Relapsing												
N T N N T N	9. Puerpeni]			
BKE IES I	10. Cholera												
NUMHOM	11. Erysipelas				3						2	- 1	
					1								

Month.	JA	NU	RY.	T	FEB	RU	ARY	T		M	ARC	CH.			AP	RIL			M	AY.				JUN	E.		T	л	LY		T	AU	GU	ST.		S	EPT	EM	BEB		0	CTO	DBE	R.	N	OVE	мв	ER.	T	DE	CEM	BEI	-
Week.	1	2	3 4		5 6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	1 25	26	3 27	28	29	9 30	0 8	31 2	32	33	34	85	36	87	38	89	40	41	42	43	44	45	46	47	48	49	50	51	52
40				T				-																				-			Ŧ															-	-	-		E			
	Ħ	+	-	+	+	-	-	+	-	+	-	_			-						-		-	-	+	-	+	+	+	+	+	+	+	-	-											-	=		+	+	+	-	
35	Ħ	-	-	Ŧ	-	-	-	+	-	-		-			-								-	F	-	1	Ŧ	+	+	Ŧ	Ŧ	-	+	-				_	-				-	-	-	1	-	-	F	=	+		_
		-	-	T			-	+				-										_		-	-	-	-	-	-	-	Ŧ	-	-	-												-	-	-		-	-	-	
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FEBRUARY.

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE.

1902.


TABLE III.—Giving the Causes of Deaths during the 4 Weeks ending February 22nd, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's 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				4	
Pyæmia				***		
Syphilis	·					
Cancer	14				3	
Phthisis & Tuberculosis	2			1	10	1
Rheumatism						
Apoplexy					3	
Paralysis				4	22	1
Bronchitis	5			2		
Asthma				-		
Peritonitis			•••			
Disease of Brain				•••		
., Heart	1				8	
" Kidney					1	
., Liver						
" Uterus			1			
" Ovary						
Parturition						
Diabetes						
Fractures and Injuries			*		2	
					8	
Old Age		1				
Low Vitality, Infants		2				
Premature Birth Other causes	10	1		1	3	
Total	*33	4	‡2	8	64	†† 2

* Of the 33 deaths in the Middlesex Hospital, 24 were those of non-parishioners.

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

‡ One of the 2 deaths in the Samaritan Hospital were those of non-parishioners.

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

TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE FOUR WEEKS ENDING FEBRUARY 22ND, 1902.

		Population in 1901.	Bin	ths.	Deaths.	
			Males.	Fmls.	Males	Fmls
Il Souls		35,391	28	17	27	25
lectory		19,849	14	17	25	34
		18,099	12	15	20	2
Christ Church		39,536	43	53	53	4
st. John		20,426	15	18	17	19
	Total	133,301	112	120	142	13

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.

	1		s in w subjoi		Distri Ages.	ict at		D		in Lo all Ag	ocaliti ges).	es	ublic ns.*
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Public Institutions.*
Smallpox	6		1	2		3		2	1	1	2		6
Measles	18	3	10	5				2		5	10	1	
Scarlet Fever	1			1							1		1
Whooping Cough	2		2					1			1		
Diphtheria and Mem- branous Croup	.4		ı	3					2		1	1	8
Croup					••					••		••	
g (Typhus													
Rnteric	2				1	1					1	1	
(Other continued .													
Epidemic Influenza	11	2				3	- 6	2	4	3		2	
Cholera													
Plague													
Diarrhœa													
Enteritis													
Puerperal Fever													
Erysipelas	1	1								1			
Other Septic Diseases.	2			·		2			2				
Phthisis	25		1	·	4	17	3	7	3	7	7	1	14
Other Tubercular	3	1	1	1							2	1	
Diseases Cancer, Malignant	7					3	4	3	1	1	2		17
Bronchitis	82	8	4			20	- 50	12	25	11	21	10	32
Pneumonia	13	1	5			6	1	1	1	3	8		5
Pleurisy													
Other Diseases of	4					1	3	1	2			1	2
Respiratory Organs Alcoholism { Cirrhosis of Liver }	4					4			1		3		
Venereal Diseases													
Premature Birth	6	6						1	2	1	2		2
Diseases and Accidents													
of Parturition Heart Diseases	29			2		12	15	6	5	2	9	7	9
Accidents.,	5	1	1		1		2		1		2	2	2
Suicides	1					1		1					
					-								
All other causes	54	12	4		1	14	23	10	9	6	20	9	20
All causes	280	35	30	14	7	87	107	49	59	41	95	36	113

TABLE V.-Causes of, and Ages at, Death during the 4 weeks ending February 22nd, 1902, in the Borough of St. Marylebone.

* The deaths in Table 111, are included in this column ; 27 out of the 113 were \cdot on-parishioners.

REGISTER OF SANITARY WORK Month ending 28th February, 1902. PUBLIC HEALTH DEPARTMENT.

			I	Distric	t Ins	pector	's.		-	1		
			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. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties,	Miss L. M. O'Kell.	Total.
Publ	ic Health (London) Act.											
	Dwelling Houses, &c		30	28	25	23	26	 		88		220
	Tenements		47	36	45	50	41	 				219
	Underground Dwellings		4		12	2	10	 				28
	Dairies, Milk Shops, Cow I	Iouses	4	2	2	3	5	 				16
	Slaughter Houses		1	1			1	 				3
18.	Yards, Stables, and Mews		25	3	20	16	15	 				79
ction	Smoke Shafts							 		8		. 8
Inspections.	Offensive Trades and E Businesses	ffluvia 						 		1		1
	Refuse Receptacles							 				
	Enquiries re non-removal of	refuse						 				
	Removal of Bodies to Mortu	ary	1		1	1		 				3
	Visits to Works in progress		146	136	145	159	112	 		27	15	740
	Miscellaneous Inspections	•••	110	82	50	120	96			22		480
UNW	HOLESOME FOOD.											
1	Number of seizures made							 				
INFE	CTIOUS DISEASE :		-									
Ċ	Cases Isolated		2	1				 				3
- 0	Cases Removed to Hospital		16	3	17	20	19	 •				75
F	Rooms Disinfected		26	6	18	43	37	 				130
NEW	DRAINAGE :											
P	Number of Plans Passed		5	3	5	7	7	 		1		28
ľ	New Pipe Drains (feet)		370	360	400	760	1062	 				2952
H	Houses where defects in ex Drainage have been detecter remedied			- 6	8	4	9	 		3		37

REGISTER OF SANITARY WORK Month ending 28th February, 1902.

PUBLIC HEALTH DEPARTMENT.

	I	Distric	t Insp	ector	s.		1	1	1	
	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. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell,	Total.
Factory and Workshop Act.										
Enquiries as to Occupation						 		30	8	38
Periodical Inspections :										
Factories						 		4		4
Workshops						 		61	45	106
Bakehouses						 		15		15
Restaurants, &c						 		103		103
Homeworkers' Premises						 		20		20
Domestic Workshops						 		39		39
Food and Drugs Act. ADULTERATION. Samples collected for Analysis	2	11	6	9	28	 				56
Correspondence, Legal Procedure, &c.										
Complaints received	7	12	11	9	19	 		26	9	93
Letters and Intimations relating to Abatement of Nuisances	21	18	32	14	20			30	13	148
Statutory Notices Served	2		2	4	4	 		23		35
Proceedings taken before Magistrates				1		 				1
(1) Under Public Health Act				1		 				1
(2) " Factory & Workshop Act						 				
(3) " Food & Drugs Act	1		1			 				2
Reports made to Medical Officer of Health	31	32	30	56		 		25	10	184



THE

SANITARY CHRONICLES

BOROUGH OF ST. MARYLEBONE

Containing a Quarterly Summary of the Mortality Statistics for the °14 weeks ending March 29th, 1902, and the Quarterly Statement of Analytical Work done under the Sale of Food and Drugs Act, &c.

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. XXII. TOWN HALL, ST. MARYLEBONE, APRIL 5TH, 1902. No. 3.

The week ending March 1st was wet and overcast. Minimum temperature, 37.4° ; maximum, 51.8° ; mean, 46.1° . On six days rain fell to the extent of 0.59 inch. Winds SE. or S. There was occasional fog. The sunshine registered in Regent's Park amounted to only 3.75 hours out of a possible 74.3. During the same period 14.3 hours of sunshine were recorded at Greenwich. Mean barometer, 29.5 inches.

The week ending March 8th was rainless. Minimum temperature, 30.0°; maximum, 52.0°; mean, 43.4°. Winds, E. and NW. Some fog. In Regent's Park only 1.75 hour of sunshine was registered as against 8.3 hours registered at Greenwich out of a possible 77.3 hours. Mean barometer, 29.8 inches.

^{*} The year not being exactly 52 weeks, it is necessary every few years to add one week, otherwise the statistical weeks do not coincide with the ordinary weeks.

The week ending March 15th was also rainless. Minimum temperature 36.0°; maximum, 55.0°; mean, 47.6°. Winds, SSE. Sunshine registered in Regent's Park 14.6 hours, as compared with 19.4 hours registered at Greenwich out of a possible 80.8 hours. Mean barometer, 29.8 inches.

The week ending March 22nd was a little brighter. Minimum temperature, 37.0° ; maximum, 60.0° ; mean, 42.4° . Winds, WSW. On one day rain fell, 0.26 inch. Sunshine registered in Regent's Park 16 hours, as against 25.3 hours registered at Greenwich out of a possible 84.1 hours, Mean barometer, 29.6 inches.

The week ending March 29th was similar in weather to the preceding; minimum temperature 33.0; maximum 58.2; mean 46.6. On two days rain fell 0.18 inch. Winds SW. and WSW. 16.6 hours of sunshine were registered in Regent's Park, as compared with 22.6 hours at Greenwich out of a possible 87.1 hours. Mean barometer 29.6 inches.

Health of the District.

The death-rate for the quarter has been above the average; this is due to mortality from small-pox, measles, influenza, and chest affections.

• The number of cases of small-pox from January to the end of March amount to 87; of these 16, or 18.3 per cent., have proved fatal.

All the cases have been removed to hospital with great promptitude. The curve opposite page 40 shows that the course of the epidemic has been precisely that which was predicted.

For the moment there is a lull, but the cases will certainly increase towards the end of this month.

Births and Deaths.

During the five weeks ending March 29th, 1902, there have been registered 287 births and 310 deaths: equal to a birth-rate of 22.4 per thousand, and a death-rate of 24.2 per thousand. The average death-rate for the corresponding period was 22.5 per thousand.

QUARTERLY SUMMARY.

During the 14 weeks ending March 29th there have been registered 824 births and 839 deaths. These births and deaths are divided among the five sub-districts as set forth in Table VI. 262 of the deaths were extra-parochial, as follows :—

St. Marylebone Infirmary,			163
North-Western Fever Hospital		• •	8
North-Eastern Fever Hospital			$\frac{2}{5}$
Western Fever Hospital			5
South Wharf Shelter			1
Long Reach Hospital			1
Hospital Ship "Atlas"			11
""Castalia"			2
Smallpox Hospital, Kingsbury			1
St. Mary's Hospital	Contra statist		12
Royal Free Hospital	and the state		1
St. George's Hospital			
University College Hospital			$ \begin{array}{c} 3 \\ 2 \\ 2 \\ 2 \\ 1 \end{array} $
Great Northern Hospital		••	5
		••	4
Royal Hospital	••	•••	2
Royal Chest Hospital	••	• •	
French Hospital			1
Homeopathic Hospital		*	1
Hospital for Women, Euston Square			1
Cancer Hospital, Chelsea			1
Home Hospital, Fitzroy Square			1
,, Hampstead Children's Hospital, Great Ormonde Str			1
Children's Hospital, Great Ormonde Str	eet		3
" Paddington			2
St. Luke's Home, Hampstead			$ \begin{array}{c} 2 \\ 1 \\ 3 \\ 1 \\ 2 \\ 4 \end{array} $
St. Peter's Home.			3
Home for aged Christian Blind			1
Friedenheim			2
Colney Hatch Asylum			
Leavesden Asylum			4
Banstead Asylum			3
Hanwell Asylum	••		6
		• •	
London County Asylum, Dartford	••		2
Licensed Victuallers' Asylum		- 1	1
St. Pancras Infirmary			1
St. Giles' Workhouse		•••	1
Salvation Army Maternity Home			1
In various streets			6

Total 262

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

All Souls, birth-rate 15.2; death-rate 16.4.

Rectory, birth-rate 21.1; death-rate 31.2.

St. Mary, birth-rate 27.9; death-rate 32.5.

Christ Church, birth-rate 30.8; death-rate 24.5.

St. John, birth-rate 34.6; death-rate 34.6.

The whole district, birth-rate 23.0; death-rate 24.5.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows :—All Souls, 18.0; Rectory, 26.0; St. Mary, 21.6; Christ Church, 20.4; St. John, 23.4; the whole district, 21.3.

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 FOURTEEN WEEKS ENDING MARCH 29TH, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:---

		Total Deaths. 14 weeks ending Mar. 29th, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 14 weeks ending Mar. 29, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1896-1901.
1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	130	155 295 91	3.60 6.91 3.71	$2.2 \\ 5.6 \\ 2.4$

NOTES.

1, includes Smallpox, Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough,

Erysipelas, Croup, Fever, and Diarrhœa.

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

Appointment of Female Sanitary Inspector.

In answer to an advertisement, sixteen applications for the post vacated by Miss O'Kell were received. One of these had not the necessary legal qualifications, reducing the number to fifteen. Five of the applicants appeared to the writer superior to the rest, and were selected for presentation to the Committee. Out of these five the Committee selected Miss Frances A. Baker, who has entered upon her duties.

The Laboratory.—Sale of Food and Drugs Act (Table VI).

A full list of the various articles of food, drink and drugs analysed during the quarter, is to be found in Table VI, page 43. Out of 150 samples submitted by the Inspectors, 1 sample of gin, 7 samples of milk, 1 sample of butter, and 1 sample of margarine, formed the subject matter for prosecution as follows :—

Herbert Clanchy, of 51, Upper Berkeley Street, was fined 40/- and 25/- costs, for selling gin 39.5 degrees under proof.

Mrs. Annie Callard, of 91, Salisbury Street, was fined £1 and 2s. costs for exposing for sale margarine without a proper label.

John Gowlett, of 113, Crawford Street, was fined under the Sale of Food and Drugs Act and Margarine Act £3 10s., with 25s. costs, for selling butter adulterated with other fats.

Arthur Staines, of 37, Barrow Hill Road, was fined £2, with 12s. 6d. costs, for selling milk diluted with 12.5 % water.

James Jones, of 53, Charlbert Street, was fined £5, with 12s. 6d. costs, for selling milk diluted with 13.2 % water.

David Duckett, of 36, New Street, St. John's Wood, was fined £2, with 12s. 6d. costs, for selling milk diluted with 12.7 % water.

Abraham Cohen, of 14, Upper Rathbone Place, was fined £1, with 14s. 6d. costs, for selling milk diluted with 12.6 % water.

Sarah Conolley, of 2, Union Street, Middlesex Hospital, was fined £1, with 14s. 6d. costs, for selling milk diluted with 2 % water and deficient in fat 5 %.

Mary Gardner, of 28, Bolsover Street, was fined £2, with 12s. 6d. costs, for selling milk deficient in milk fat 11 %.

One sample of milk certified to be diluted with water is still *sub judice*.

The following prosecution was based on a certificate issued the previous Quarter :—

John Hall, of 75, Marylebone Lane, was fined £2, and 12s, 6d, costs, for selling milk diluted with $8\frac{1}{2}$ % water.

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 March quarter, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	1												
	(a) -		ALL SOULS		RECTORY		ST. MARY		CHRIST CHUNCH		ST. JOHN	Totals	
POPU AT ALI	(b) Census 1901	35,3		19,1		18,0		39,1			425	133,30	
(c) R	egistered Births		145		113	1	08	3	28	13	0	824	
(d) A	ged under 5 orover 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	ð upwards	Under õ	5 upwards	Under 5	õ upwards	Under 5	5 upwards
-	/1. Chicken Pox	10	18	20	2	8	3	20	22	21	28	79	73
ICAL	2. Smallpox		13		15		12	1	34		12	1	86
MKD M	3. Scarlatina	5	18		6	5	7	2	11	2	9	14	51
H L	4. Diphtheria	6	14	3	8	3	6	6	12	5	1	23	41
N RAC	5. Membranous Croup												
I SS I EDG1 HEL	/6. Typhus												
NEW CASES OF SICKNESS IN RACH LCCALITY COMING TO THE ENOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	7. Enteric or Typhoid		3	'			2	1	5		4	1	14
S AU	Suppoid 8. Continued												
ES O	9. Relapsing												• •
CAS VO 7	10. Puerperal		2										2
ME	11. Cholera												•••
NO	12. Erysipelas		8		16	2	1	1	9		8	3	42
8 é	1. Smallpox		13		15		12	1	34		12	1	86
THE	3. Scarlatina	3	15		6	4	6	2	10	3	5	12	42
OR T S.	3. Diphtheria	5	7	3	6	5	3	6	9	3	3	22	28
TED FR TIES F	4. Membranous Croup												
CALI CALI	15. Typhus												
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TERAT- MENT IN ISOLATION HOSPITALS.	6. Enteric or Typhoid		3				2	1	5		2	1	12
I CA	Typhoid 7. Continued												
SUCI T IN	8. Relapsing												
OF N TR	9. Puerperal		2										2
BKR RS I	10. Cholera												
NUM	11. Erysipelas		1		10	1		1			2	2	13
-													

TABLE III.—Giving the Causes of Deaths during the 14 Weeks ending March 29th, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital o St.John & Elizabeth Grove Rd.
				11 201	1	
Smallpox						
Influenza	1					
Scarlet Fever		***				
Diphtheria	1					
Typhoid Fever	1				1	•••
Diarrhœa	1					
Erysipelas	1				2	
Pneumonia and Pleurisy	11	1		1	10	
Pyæmia	1		1			
Syphilis					1	
Cancer	39		2		9	1
Phthisis & Tuberculosis	7			1	26	5
Rheumatism	1				1	
Apoplexy				1	1	
Paralysis					7	
Bronchitis	11	1.1.1.1.1.1.1.1		8 .	42	1
				2		
Asthma		1			1	
Peritonitis				1		
Disease of Brain	10			2	19	2
" Heart	0.00				1	
" Kidney					î	
" Liver					1	
" Uterus			1			
" Ovary		***				
Parturition						
Diabetes						
Fractures and Injuries	. 3			1	7	
Old Age					10	
Low Vitality, Infants		1				
Premature Birth		3	1			
Other causes	26	1	1	6	23	1
Total	*119	+7	‡ 6	23	163	++10

* Of the 119 deaths in the Middlesex Hospital, 88 were those of non-parishioners.

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

‡ Five of the 6 deaths in the Samaritan Hospital were those of non-parishioners.

^{††} Six of the 10 deaths in St. John's Hospital were those of non-parishioners.

CURVE SHOWING THE NUMBER OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, & SMALLI

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER. & SMALLPOX DURING 1902. AS COMPARED WITH A FIVE YEARS' AVERAGE.

1902.

MARCH.





TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE FOURTEEN WEEKS ENDING * MARCH 29TH, 1902.

	Population in 1901.	Bit	ths.	Deaths.	
		Males.	Fmls.	Males	Fmls,
All Souls Rectory St. Mary Christ Church St. John	35,391 19,849 18,099 39,536 20,426	78 57 57 156 63		83 74 61 138 59	78 93 62 125 71
Total	133,301	411	413	415	42

* The mortality statistics for this year will be calculated on 53 weeks, an extra week having every few years to be added.

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.

			s in w subjoi			ict at		D		in Lo all Ag	caliti ges).	es	ublic ns.*
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15,	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	Sr. John.	Deaths in Public Institutions.*
		1					-						
Smallpox	16	1	3	3		9		2	4	4	5	1	16
Measles	61	19	34	8				4	9	15	31	2	
Scarlet Fever	3	1	1	1						1	1	1	3
Whooping Cough .	3	1	2					2			1		
Diphtheria and Mem- branous Croup	10	1	4	4		1		2	3	1	2	2	6
Croup	1		1	••		• •			••		1		
g (Typhus	••	••											
Enteric	5			1	1	3		1			3	1	3
(Other continued .			••			••							
Epidemic Influenza	24	3	••		••	11	10	3	6	5	4	6	1
Cholera				•.									
Plague	••	••											
Diarrhœa	4	4		••	••			1		1	1	1	1
Enteritis		••											
Puerperal Fever				•••									1
Brysipelas	3	-2		•••			1	1		2			1
Other Septic Diseases.	6	••				5	1	2	4	••	•••		
Phthisis	55	1	1		7	39	7	11	8	8	21	7	30
Other Tubercular Diseases	21	2	2	4	2	11		5	5	1	7	3	1
Cancer, Malignant Disease	35					22	13	7	7	8	8	ō	48
Bronchitis	193	19	10	3	4	52	105	35	46	29	59	24	52
Pneumonia	48	7	12	1		20	8	11	7	7	16	7	20
Pleurisy													
Other Diseases of Respiratory Organs	7		1			1	5	1	4			2	2
Alcoholism { Cirrhosis of Liver }	16	••			1	13	2	4	3	2	5	2	2
Venereal Diseases	4	2	1			1			1		1	2	
Premature Birth .	16	16						2	3	4	5	2	6
Diseases and Accidents	2				1	1					1	1	
of Parturition Heart Diseases	77	2		4		41	30	23	13	8	22	11	28
Accidents	. 21	8	1	2	1	3	6	1	-4		11	5	9
Suicides	. 2					1	1	1		1			
All other causes	206	42	11	3	8	67	75	37	40	29	55	45	84
All causes	839	131	84	3	25	301	264	156	167	126	260	180	314

TABLE V.-Causes of, and Ages at, Death during the 14 weeks ending March 29th, 1902, in the Borough of St. Marylebone.

* 105 out of the 314 were con-parishioners.

		Genuine.	Adulterated.	Total.
TANKIN TANAN		and said 18-		
DAIRY PRODUCTS:		36	7	43
Milk		30	7 1	31
Butter		9	î	10
Margarine	•••			
Alcoholic Beverages:				
Whisky		4		4
Brandy		2	.:	2
Gin		$ \begin{array}{c} 2 \\ 2 \\ 5 \\ 2 \\ 1 \end{array} $	L	$2 \\ 3 \\ 5 \\ 2 \\ 1$
Beer	S	0	A (Bridol)	9
Vermouth		1		ĩ
Kumel		1		
NON-ALCOHOLIC BEVERAGES :				
Coffee		2		2
CONDIMENTS:		3		3
Pepper		1		1
Mustard		. 1		3 1 1 1
Vinegar	••	1		
Vatahun	••	1		1
Ketchup			Carl Marrie	
Drugs:		1		1
Glycerine		1		T
SACCHARINE SUBSTANCES :				
Sweets		1		1
Golden Syrup		3		$\frac{3}{1}$
Jam		1		
Sugar		2		2
angu			a literation	
TINNED AND BOTTLED GOODS:		5		5
Condensed Milk	• •	8	••	8
Sardines	• •	4		4
Salmon		1		ī
Lobster		1 2 1		2
Bloater Paste	• •	ĩ		$\frac{2}{1}$
Anchovy Paste	• •			1
Veal and Ham Paste	e	î		1
Rabbit	• •	2		2
Pineapple	•••	$\begin{array}{c}1\\1\\2\\1\end{array}$		$\frac{2}{1}$
Peas, Tinned ,, Bottled		ī		1
" Dottieu	•••			
MISCELLANEOUS :		1		1
Corn-Flour		1		1
Chutney		1		î
Salad Oil	• •	3		3
Peach Bitters	••	0		
TOTAL		141	10	151
TOLUT		111	10	

TABLE VI.-SALE OF FOOD AND DRUGS ACT.-Samples analysed during March Quarter, 1902.

REGISTER OF SANITARY WORK Month ending 31st March, 1902.

PUBLIC HEALTH DEPARTMENT.

		a DE		istric	t Insp	ector	s.		•			
			Mr. J. Hodgss, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3, District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell.	Total,
Publ	ic Health (London) Ac	et.										
	/Dwelling Houses, &c.		26	29	30	28	22	 		5		140
	Tenements		54	32	50	60	37	 				233
	Underground Dwellings		14		12	9	13	 				48
	Dairies, Milk Shops, Cow	Houses	8	1		1	5	 				15
	Slaughter Houses		1	2			1	 				4
ré	Yards, Stables, and Mews		32	18	25	40	37	 				152
tions	Smoke Shafts							 		2		2
Inspections.	Offensive Trades and Businesses	Effluvia						 				
	Refuse Receptacles		20	36	6	10	9	 				81
1	Enquiries re non-removal o	of refuse	10	13	12		7	 				42
	Removal of Bodies to Mon	rtuary	1					 				1
	Visits to Works in Progre		170	176	150	160	94	 		39	30	819
	Miscellaneous Inspections	s .	162	150	120	180	146	 			29	787
UNW	HOLESOME FOOD.											
1	Number of seizures made			,				 				
INFE	COTIOUS DISEASE :		F									
(Cases Isolated			1	1	1		 				3
Cases	s removed to Hospital		15	1	5	30	17	 				68
1	Rooms Disinfected		38.	7	9	58	37	 				149
NEW	DRAINAGE :						boll a					
	ber of Plans Passed		6	5	4	5	9	 				29
	D: D : (A))		1230	960	190	980	1642	 				5002
	Touses where defects in											
	Drainage have been deter remedied			9	7	6	5	 				35

REGISTER OF SANITARY WORK Month Ending 31st March, 1902.

PUBLIC HEALTH DEPARTMENT.

		1)istric	t Ins	pector	8.						
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gornot, No. 4 District.	Mr. W. Yeo, " No. 5 District.			-	Mr. R. Phillips, Spocial Duties,	Miss L. M. O'Kell,	Total.
actory and Workshop Act.								obn		(01)		
Enquiries as to Occupation										76	15	9
Periodical Inspections : -										1		
Factories											3	
Workshops										37	88	12
Bakehouses										29		2
Restaurants, &c										62		6
Homeworkers' Premises										27	. 10	5
Domestic Workshops										20	3	2
							-					
ood and Drugs Act.												
ADULTERATION.												
Samples collected for Analysis		14	19	3	14	1						51
orrespondence, Legal Procedu &c.	ıre,									- mail		
omplaints received		14	3	17	12	15				31	18	110
etters and Intimations relating Abatement of Nuisances	to	00	15	30	25	13				30	36	177
tatutory Notices Served		6		6	4	5				5	4	30
roceedings taken before Magtstrates	š											
(1) Under Public Health Act												
(2) " Factory & Workshop	Act										1	1
(3) " Food & Drugs Act			3		2	4						{
eports made to Medical Officer of He	alth	56	30	30	70	64				29	18	297

REGISTER OF SANITARY WORK Quarter ending 31st March, 1902.

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. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties,	Miss L. M. O'Kell.	Total.
Publ	ic Health (London) Act.		-									
	Dwelling Houses, &c	. 80	86	75	71	65				93		470
	Tenements	. 151	104	130	170	109						664
	Underground Dwellings	. 24		42	15	26						107
	Dairies, Milk Shops, Cow House	\$ 21	4	2	6	17						50
	Slaughter Houses	. 4	4		1	5						14
ns.	Yards, Stables, and Mews	. 95	63	81	96	78						413
Inspections.	Smoke Shafts									13		13
Insp	Offensive Trades and Effluvia Businesses									1		1
	Refuse Receptacles	40	54	11	10	9						124
	Enquiries re non-removal of refus	21	30	24	12	15						102
	Removal of Bodies to Mortuary	. 2		2	1							5
	Visits to Works in progress	. 451	458	435	469	317				98	85	2343
	Miscellaneous Inspections	402	392	290	440	368				73	41	2006
UNW	HOLESOME FOOD.		14.									
1	Number of seizures made		·									
INFI	CTIOUS DISEASE :											
(Cases Isolated	2	2	1	1							6
(Cases Removed to Hospital	. 46	9	35	81	55						226
J	Rooms Disinfected	. 92	31	44	157	103						427
NEW	DRAINAGE :											
1	Number of Plans Passed	. 17	11	12	17	23				3		83
1	New Pipe Drains (feet)	. 2520	1810	772	2500	4346						11948
1	Houses where defects in existing Drainage have been detected and remedied	1	24	19	15	21				5		105

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REGISTER OF SANITARY WORK QUARTER ENDING 31ST MARCH, 1902.

PUBLIC HEALTH DEPARTMENT.

		1	Distric	t Insp	pector	8.			1	1	
		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. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell,	Total
actory and Workshop	Aet.										
Enquiries as to Occupation									 155	43	198
Periodical Inspections :											
Factories									 7	6	13
Workshops									 154	179	333
Bakehouses									 54		54
Restaurants, &c									 178		178
Homeworkers' Premises									 68	31	99
Domestic Workshops									 77	10	87
food and Drugs Act.											
ADULTERATION.			0		0.0						1.00
Samples collected for Ana	lysis .	. 30	30	30	30	30			 		150
Correspondence, Legal Pr &c.											
complaints received		. 38	33	48	37	53	·		 64	35	308
etters and Intimations re Abatement of Nuisances	elating t		52	92	69	51			65	81	487
statutory Notices Served			3	15	11	14	••••	•	 31	8	±01 96
roceedings taken before Magi		1			1						1
(1) Under Public Health A	at				1				 		1
(2) ,, Factory & World									 		1
(3) " Food & Drugs A					2	4			 		-
deports made to Medical Officer		-		105		4 125			 		11
a porto made to medicar Onice	or mean	141	104	100	150	120			 102	50	811

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SANITARY CHRONICLES

THE

OF THE

BOROUGH OF ST. MARYLEBONE DURING APRIL, 1902.

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. XXII. TOWN HALL, ST. MARYLEBONE, MAY 8TH, 1902. No. 4.

The week ending April 5th was fairly fine and bright. Minimum temperature, 35.0° ; maximum, 60.5° ; mean, 46.9° . On two days rain fell (0.06 inch). The winds were SW. and NW. Sunshine, 20.1 per cent. Mean barometer, 29.7 inches.

The week ending April 12th was cooled by easterly and north-easterly winds. Minimum temperature, 30.0°; maximum, 52.0°; mean, 43.4°. No rain fell. Sunshine, 8.5 per cent. Mean barometer, 29.8 inches.

The week ending April 19th was also cool, but a little brighter. Minimum temperature, 35.0° ; maximum, 67.0° ; mean, 53.2° . On one day rain fell (0.1 inch). The winds were ESE. Sunshine, 17.0 per cent. Mean barometer, 29.7 inches.

The week ending April 26th was unsettled, but fairly sunny. Minimum temperature, 39.5° ; maximum, 64.5° ; mean, 54.5° . On two days rain fell (0.14 inch). The winds were variable. Sunshine, 29.2 per cent. Mean barometer, 29.8 inches.

The week ending May 3rd was bright with variable weather. Minimum temperature, 33.9°; maximum, 57.3°; mean, 48.3°. On three days rain fell (0.51 inch). Winds, WNW. and WSW. Sunshine, 42.8 per cent. Mean barometer, 29.5 inches.

Births and Deaths.

During the five weeks ending May 3rd there have been registered 270 births and 191 deaths.

These births and deaths are divided among the five sub-districts as set forth in Table IV. 77 of the deaths were extra-parochial, as follows :---

St. Marylebone Infirmary, Notting Hill			49
North-Western Fever Hospital	T		2
Western Fever Hospital			1
North-Eastern Fever Hospital			2
Gore Farm Hospital			1
Long Reach Hospital		• •	2
Hospital Ship "Castalia"	••		1
London Fever Hospital			1
St. Mary's Hospital			5
University College Hospital	1.11	••	2
French Hospital			1
German Hospital			- 1
Hanwell Asylum			3
Banstead Asylum			1
Colney Hatch Asylum			3
Friedenheim			2

Total 77

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

All Souls, birth-rate 18.8; death-rate 13.5.

Rectory, birth-rate 14.7; death-rate 13.6.

St. Mary, birth-rate 16.1; death-rate 13.2.

Christ Church, birth-rate 32.7; death-rate 15.4.

St. John, birth-rate 13.7; death-rate 19.3.

The whole district, birth-rate 21.1; death-rate 14.9.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows:—All Souls, 14.8; Rectory, 22.6; St. Mary, 18.6; Christ Church, 18.7; St. John, 22.1; the whole district, 19.0.

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.

		Total Deaths. 5 weeks ending May 3rd, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending May 3, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1900-1901.
.1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	29 34 37	$152 \\ 178 \\ 194$	$2.26 \\ 2.65 \\ 2.88$	2.20 5.12 2.12

NOTES.

1. includes Smallpox Measles, Scarlet Fever, Diphtheria, Influenza, Whooping Cough,

Erysipelas, Croup, Fever, and Diarrhœa.

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

Smallpox.

Contrary to all precedent the outbreak of smallpox, instead of increasing towards the month of May, shows decided indications of abatement. During the five weeks ending April 3rd there have only been notified 10 cases within the Borough, of these 10 cases one properly belongs to another district; the patient walking in from Notting Hill with the eruption out on him.

Prosecution under the Public Health (London) Act.

No. 25, Harcourt Street, having apparently no responsible owner, was closed by Magistrate's Order. The premises were in a general insanitary state, and the water supply had been cut off.

Housing of the Public Health Department.

The Town Hall has long been too small for the immense amount of public business there transacted. The writer some time ago recommended that partial relief would be given by the transference of the Sanitary Department to a separate building, and this suggestion has at length found favour with the Council on the recommendation of the Housing Committee. A rent of £120 is the maximum fixed by the Finance Committee. Hence, the choice of premises, considering that they must be in a central situation, is limited. The writer has recommended what appears to be a convenient house in situation and size to the Housing Committee, and negotiations are in progress. It is to be hoped that the move will be accomplished before the long vacation.



CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE. APRIL.

FEBRUARY Month. JANUARY. MARCH. APRIL. MAY. JUNE. JULY. AUGUST. SEPTEMBER. OCTOBER. NOVEMBER. DECEMBER. Week 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 40 35 30 25 20 15 10 NOTES: Diphtheria. Typhoid Fever. Scarlet Fever. . Omo Smallpox * * * Average of Scarlet Fever during 5 years ending 1901. Diphtheria ×-----× Typhoid Fever ····*

**

**

1902.



TABLE 11.—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, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	1 / /	0											
	(a)		ALL SOULS		KECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN	Totals	
NOLLALIA (6) Census 1901		35,5	391	19,8		9 18,099 39,536 20			425	133,30			
(c) Re	egistered Births		64		28		28	1	23	2	7	270	
(d) A	ged under 5 orover 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
	/1. Chicken Pox	7	6	9	1	2	2	2	3	7	2	27	14
LOGALITY 8 MEDICAL	2. Smallpox		2		2		1		3		2		10
MRI .	3. Scarlatina	2	3	2	8		2	2	1	1	2	7	11
I III	4. Diphtheria	1	. 2	1	2		1	1		4	3	7	8
OF SICKNESS IN EACH LOCALITY THE ENOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	5. Membranous Croup												
RD6 Hg	6. Typhus												
SICKNESS IN KNOWLEDGE CER OF HEAL	7. Enteric or Typhoid		1		1			••	2	1	.:	1	4
OF THE PFI	S Typhoid 8. Continued												
TO T	9. Relapsing			••									
CAN	\10. Puerperal												
NEW CASES OF COMING TO THE OFFI	11. Cholera												
	12. Erysipelas		1		8		1		2	1	6	1	18
E .	1. Smallpox		2		2		1		3		2		10
TRE	2. Scarlatina		3	1	3			2	1		1	3	8
FOR LS.	S. Diphtheria	1	1	1	1		1	1		2	3	5	6
VED F ITIES 1 OSPITA	4. Membranous Croup												
DOAL DOAL	5. Typhus												
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN JOILATION HOSPITALS.	6. Enteric or Typhoid				1				2	1		1	3
SEVE SEVE	A Continued												
NT I	S. Relapsing												
R OF IN T MB	9. Puerperal								'				
MBR	10. Cholera												
NU Ho	11. Erysipelas				6					1	1	1	7
		-	1			,						-	-

TABLE III.—Giving the Causes of Deaths during the 5 Weeks ending May 3rd, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

TITE STOLES I	Middle- sex Hospital	Queen Char- lotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital o St.John & Elizabeth Grove Rd.
Smallpox						
Influenza						
Scarlet Fever						
Diphtheria						
Typhoid Fever						
Diarrhœa					1	
Erysipelas					1	
Pneumonia and Pleurisy	2				4	
Pyæmia						
Syphilis					1	
Cancer	13				1	1
Phthisis & Tuberculosis	1				22	2
Rheumatism						
Apoplexy						
Paralysis					3	
Bronchitis	3			1	8	2
Asthma						
Peritonitis						
Disease of Brain						
" Heart	3			1	1	
" Kidney						
,, Liver						
" Uterus						
,, Ovary						
Parturition						
Diabetes						
Fractures and Injuries	1				1	
Old Age					2	
Low Vitality, Infants						
Premature Birth		. 1				
Other causes	5	1	2	1	4	1
Total	*28	‡‡2	; ‡2	3	49	†† 6

* Of the 28 deaths in the Middlesex Hospital, 24 were those of non-parishioners.

[†] The 2 deaths in the Samaritan Hospital were those of non-parishioners.

The 2 deaths in Queen Charlotte's Hospital were those of infants, one was the child of a non-parishioner.

^{††} The 6 deaths in St. John's Hospital were those of non-parishioners.

TABLE IV.-DISTRICT BIRTHS AND DEATHS FOR THE FIVE WEEKS ENDING MAY 3RD, 1902.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males	Fmls
All Souls	35,391	34	30	26	20
Rectory	19,849	11	17	15	11
St. Mary	18,099	16	12	14	
Christ Church	39,536	59	64	35	2:
St. John	20,426	16	11	24	14
Total	133,301	136	134	114	77

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.

		Deatl	ns in v subjo			ict at		D		in Lo all Ag		es	ublic ns.*
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	RECTORY.	ST. MART.	CHRIST CHURCH.	ST. JOHN.	Deaths in Public Institutions,*
Smallpox	4					4		1		1		2	
Measles	13	2	10 .	1					4	2	5	2	
Scarlet Fever	3		2			1		2	1				
Whooping Cough	1	1								1			
Diphtheria and Mem-	1				1						1		
branous Croup Croup	1	1							1				
Typhus													
Enteric													
E Other continued .													
Epidemic Influenza	2					1	1	•• '	1			1	
Cholera													
Plague													
Diarrhœa	- 2	2									1	1	1
Enteritis													
Puerperal Fever.						1.							
Erysipelas	1	1										1	1
Other Septic Diseases	- 1	1				2					1		
Phthisis	31					17	14	10	4		11	6	25
Other Tubercular	6	2		2	1	1		2		1	3		
Diseases Cancer, Malignant	11					6	5	7		1	2	1	15
Bronchitis	18	1	1			8	8	2	. 7	3	4	2	14
Pneumonia	13	2	2	1		5	3	3	1	5	3	1	6
Pleurisy													
Other Diseases of	3		1			1	1		2		1		
Respiratory Organs Alcoholism { Cirrhosis of Liver }	1					1	•				1,		
Venereal Diseases	1	1									1		1
Premature Birth	7	7						1		2	2	2	1
Diseases and Accidents													
of Parturition Heart Diseases	19					10	9	7	1	4	2	5	5
Accidents	5	2				3	-				4	1	2
Suicides													
All other causes	47	12	3			16	16	11	4	3	16	13	19
All causes	191	35	19	4	2	74	57	46	26	23	58	38	90

TABLE VCauses	of, and	Ages	at, Death	during the	5 weeks
ending May 3	rd, 1902,	in the	Borough of	St. Maryle	bone.

* The deaths in Table III, are included in this column; 53 out of the 90 were non-parishioners.
REGISTER OF SANITARY WORK Month Ending 30th April, 1902.

							1-	1	1	1		
			Distri	1.0	pector	.8.		199				
		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. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties,	Miss L. M. O'Kell,	Total.
Factory and Workshop Act.												C Relaci
Enquiries as to Occupation										39	40	79
Periodical Inspections : -									1	95		95
Factories										7	3	10
Workshops				1						73	45	119
Bakehouses		1								29		30
Restaurants, &c										63	1	64
Homeworkers' Premises										25	18	43
Domestic Workshops										18	3	21
								Te				ipelar
Food and Drugs Act.												H Suptio
ADULTERATION.												
Samples collected for Analysi	s	13	17	21	13	23						87
									01			
Correspondence, Legal Proce &c.	edure,		10									
Complaints received		3	6	10	14	11				. 3	7	54
Letters and Intimations relation Abatement of Nuisances	ng to 	10	13	12	18	14				4	18	89
Statutory Notices Served					7	7						14
Proceedings taken before Magistra	tes											
(1) Under Public Health Act				1								1
(2) "Factory & Worksho	p Act											
(3) " Food & Drugs Act												
Reports made to Medical Officer of I	Iealth	34	36	30	46	47				25	28	241
	1 24						11	18	20			

REGISTER OF SANITARY WORK Month ending 30th April, 1902.

	The second s		1	Distric	t Inor	nator		1			1		
			Mr. J. Hodgss, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No.3. District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell.	Total.
Publ	lie Health (London) Act.						10	1 00	1	7	in		
	/Dwelling Houses, &c		55	54	56	40							205
	Tenements		46		26	20							92
	Underground Dwellings		10		12								22
	Dairies, Milk Shops, Cow Hous	ses	4	1	1	4							10
	Slaughter Houses		1	2		1							4
m	Yards, Stables, and Mews		12	3	30	20							65
tions	Smoke Shafts										3.		3
Inspections.	Offensive Trades and Efflux Businesses	via							wice's	10110			
P	Refuse Receptacles			13		20							53
	Enquiries re non-removal of refu		8	10	12	6				- 55	2.0	bri.	be 36
	Removal of Bodies to Mortuary		1									TI	161
53.1	Visits to Works in Progress					120	1		1		39	15	654
	Miscellaneous Inspections	1000			201	140					27	80	709
UNW	HOLESOME FOOD.					512	200	1. 11		22,30	102		
	umber of seizures made												
					in l								
	CTIOUS DISEASE :				100								
	Dases Isolated			2									2
	removed to Hospital		8	5	7	10	1001	See.		25 12			30
I F	Rooms Disinfected		14		12	18	:	der de		·}· :		1.11	44
NEW	DRAINAGE :		121			che	ind;	1:07	2	ctor)	ti.	10	
Numb	per of Plans Passed		6	4	7	12			0.00 	1. Do 		1	80
New 1	Pipe Drains (feet)		870	680	250	1209							3009
F	Iouses where defects in existi												
	Drainage have been detected a remedied	d	10	8	9	10							37
												-	

SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING MAY, 1902.

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. XXIII. TOWN HALL, ST. MARYLEBONE, JUNE 7TH, 1902. No. 5.

The week ending May 10th was cool and rainy. Minimum temperature, 33.0°; maximum, 56.0°; mean, 45.5°. On feur days rain fell (0.25 inch). Winds, NE. Sunshine, 34.6 per cent.; mean barometer, 30.1 inches.

The week ending May 17th was also cool and wet. Minimum temperature, $32 \cdot 2^{\circ}$; maximum, $57 \cdot 0^{\circ}$; mean, $46 \cdot 1^{\circ}$. On six days rain fell, the total rainfall being 0.65 inch. Winds, SW. Sunshine registered in Regent's Park, 21.9 per cent. of the possible. Mean barometer, 29.7 inches.

The week ending May 24th was a little warmer, but still cool and damp. Minimum temperature, 38.5° ; maximum, 67.8° ; mean, 53.0° . On four days rain fell (0.24 inch). Winds, NNW and SW. Sunshine 31.4 per cent. Mean barometer, 30.0 inches.

The week ending May 31st was warmer and brighter. Minimum temperature, 46.5° ; maximum, 70.0° ; mean, 61.9° . On three days rain fell (0.4 inch). Winds, westerly. Sunshine in Regent's Park, 50 hours, or 44.4 per cent. Mean barometer, 29.9 inches.

Births and Deaths.

During the four weeks ending May 31st there have been registered 217 births and 165 deaths.

These births and deaths are divided among the five sub-districts as set forth in Table III. 67 of the deaths were extra-parochial, as follows :--

1		39
	10.10	7
		1
		1
		3
		1
		2
	·	1
· · ·	• •	1
	EU7E	3
		1
		2
		1
		1
		1
	and the state	1
		1
		67
	··· ·· ·· ·· ·· ·· ··	

Total 67

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

All Souls, birth-rate 18.4; death-rate 12.1. Rectory, birth-rate 24.2; death-rate 16.4. St. Mary, birth-rate 17.9; death-rate 15.1. Christ Church, birth-rate 23.3; death-rate 18.0. St. John, birth-rate 22.3; death-rate 20.4. The whole district, birth-rate 21.2; death-rate 16.1. The average death-rates for five years (1896 to 1901) for the corresponding period were as follows:—All Souls, 13.9; Rectory, 17.2; St. Mary, 18.5; Christ Church, 19.6; St. John, 21.6; the whole district, 17.9.

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 FOUR WEEKS ENDING MAY 31st, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES :---

		Total Deaths. 4 weeks ending May 31st, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending May 31, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1896-1901.
1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	9 53 23	54 321 139	$0.88 \\ 5.17 \\ 2.24$	$2.13 \\ 5.76 \\ 1.27$

NOTES.

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

Health of the District.

The health of the district during the past four weeks has been quite exceptional. It is true there have been 15 cases of smallpox, but this, considering the anticipated seasonal increase in May, is quite an insignificant number; had the outbreak pursued its usual course, the number might well have been 10 times 15, *i.e.*, 150. The deaths from all infectious diseases are only 9, giving a zymotic death-rate of 8 per 10,000, the number for the corresponding period of a five years' average being at the rate of 21 per 10,000. The average general death rate for May is about 18 per 1,000; this month it is but 16.

No. 3, Upper Gloucester Place.

In a month or two the Public Health Department will have removed to temporary premises at the above address. The writer believes that, standing at the edge of one of the main arteries of the borough, the situation will be more convenient to the inhabitants than Marylebone Lane. At all events, the offices can be reached by any resident within 15 minutes. The omnibus routes and the Underground Railway also give ample facilities of cheap and speedy access for those in other parts of the metropolis who have business with the Public Health Department.

Housing of the Working Classes Acts.

NIGHTINGALE STREET SCHEME.—As far back as 1898, the writer presented a Report on the condition of Nightingale Street. Successive steps, by the Sanitary Committee of the Old Vestry and the Committees of the present Council, culminated in the London County Council preparing a scheme under Part I. of the Housing Act, an inquiry by the Home Secretary, and a Provisional Order which received the sanction of Parliament; nevertheless the houses deteriorated in structure still stand, and a recent attempt to close, under Part II., six houses, has for the moment failed, the cases being dismissed by the Stipendiary Magistrate under a pure technicality. The delay in carrying out any improvement under the Acts is simply intolerable; the delay being mainly due to the complicated procedure as well as to the difficulty of interpretation of the statute.

BURNE STREET AREA.—The Burne Street area is a second example of delay, this was duly reported under Part I. of the Housing Act to the London County Council in 1900, but the Housing Committee of the Council has not yet even taken it into consideration.

DEVONSHIRE PLACE AREA.—A third example is the Devonshire Place area, reported to the County Council in 1901. That Council has adopted the Report of the Housing Committee, to the effect that, as to whether it shall be dealt with under Part I. by the London County Council, or under Part II. by the Borough Council, is to be determined by the Secretary of State, the County Council suggesting the latter course.

It appears to take, in practice, a year or two to get a scheme considered, and after all formalities have been completed a scheme adopted, and an area ordered to be cleared and built upon, the clearing and building exhausts an equally long period. As things stand, it is quite exceptional for a scheme to be carried out from first to last within five years. In the writer's opinion the Housing of the Working Classes Acts should be entirely repealed and legislation of a simpler character substituted, based upon the large experience of the inefficient, tedious, and expensive nature of the existing statutes.

Prosecutions under the Public Health (London) Act.

The occupier of premises in Marylebone Lane was prosecuted and fined a nominal sum for not providing under bye-law 18 a proper receptacle "constructed of metal and provided with one or more suitable handles and cover."

This is not such a trivial offence as it may at first sight seem. In streets where the kerb collection is in force, should occupiers be permitted to place any kind of pail, old egg box, hamper, or basket on the kerb, the effect is, in addition to the slovenly appearance of so various a collection, the refuse is more liable to blow about the street, to escape on to the pavement, and to cause generally a nuisance, increasing the expense of scavenging and making an otherwise clean street dirty; hence the Public Health Committee are determined to enforce proper receptacles, and the dust inspector has received orders to follow up by summons all persons who after due notice fail to provide and maintain such receptacles.

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE.

1902.

MAY.





TABLE II.—Giving the Causes of Deaths during the 4 Weeks ending May 31st, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's Hospital.		Workhouse	Notting Hill, Infirmary.	Hospital of St.John & Elizabeth Grove Rd.
Smallpox						
Influenza						
Scarlet Fever						
Diphtheria						
Typhoid Fever						
Diarrhœa					2	
Erysipelas						
Pneumonia and Pleurisy	5			1	3	
Pyæmia						
Syphilis					1	
Cancer	8		1		ī	
Phthisis & Tuberculosis	2				6	1
Rheumatism						
Apoplexy					1	
Paralysis						
Bronchitis	1				10	
Asthma						
Peritonitis						
Disease of Brain						
Hoost					7	
" Kidney						
,, Liver, ,, Uterus						
", Ovary						
Parturition						
Diabetes						
Fractures and Injuries					1	
Old Age			***		2	
Low Vitality, Infants						
Premature Birth		3			:	
Other causes	9	1		1	5	
Total	*28	<u>‡</u> ‡4	‡ 1	2	39	++1

* Of the 28 deaths in the Middlesex Hospital, 21 were those of non-parishioners.

‡ The 1 death in the Samaritan Hospital was that of a non-parishioners.

‡‡ The 4 deaths in Queen Charlotte's Hospital were those of infants, all nonparishioners.

†† The 1 death in St. John's Hospital was that of a non-parishioner.

TABLE III.—DISTRICT BIRTHS AND DEATHS FOR THE FOUR WEEKS ENDING MAY 31ST, 1902.

	Population	Bir	ths.	Dea	ths.
	in 1901.	Males.	Fmls.	Males	Fmls.
All Souls Rectory St. Mary Christ Church St. John	19,849 18,099 39,536	$23 \\ 21 \\ 12 \\ 36 \\ 16$	$27 \\ 16 \\ 13 \\ 34 \\ 19$	$ \begin{array}{r} 15 \\ 12 \\ 10 \\ 31 \\ 18 \end{array} $	18 13 11 23 14
Total	133,301	108	109	86	79

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.

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 May, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	-								-					
(a)		a)	Atr Souts		RECTORY		ST. MARY		OHRIST CHUNCH.		Sr. John		Totais	
NOILVINAOA (b) Census 1901 (c) Registered Births		35,5		19,1	19,849)09	39,8			425	133,30		
(c) R	egu	stered Births		50		37		25		70	3	5	217	
(d) A	or	d under 5 over 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	ō upwards	Under 5 5 upwards		Under 5	5 upwards
	/1.	Chicken Pox	6	8			1		1 1	3	4	2	12	13
ICAL	2.	Smallpox			1	7		4	1			2	2	13
CCCA1	3.	Scarlatina	2	9		1	1	1	2	1	2	7	7	19
L B	4.	Diphtheria		5		3					1		1	8
NRW CASES OF SICKNESS IN EACH LCCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICEE OF HEALTH.	100	Membranous Croup												
HEJ		/6. Typhus												
WLE		7. Enteric or		al second		1.5						Sect 31		
OFFICER	FRVERS.	Typhoid		3	••									3
HR AD	P.BV.	8, Continued								.,				
ro T O	17	9. Relapsing												
CAS NG		10. Puerperal		1						·				1
OMU	11	. Cholera												
2.0	12	. Erysipelas		1		8		1		6				16
H.	(1	. Smallpox			1	7		4	1			2	2	13
REA		Scarlatina	2	7		1	1	1	1	1	1110	2	4	13
ON T		Diphtheria		1		2						-		11.113
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	13	Membranous												3
TLIT										••		1.00		
RED		5. Typhus								••				
SES AL LAT	0	6. Enteric or Typhoid												
t CA	Ferges	7. Continued									and a second		211.22	
R SP T IN	H	S. Relapsing						1 200						
OF S N TH		9. Puerperal												
ES IS	1	0. Cholera												
INNI	1.1													
AH	11	I. Erysipelas				7				1				8
-														

ALL		Deaths in whole District at subjoined Ages.								in Lo all Ag	ocaliti ges).	es	ublic as.
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Public Institutions,
Smallpox	1		1						1				1
Measles	3	3							2		1		
Scarlet Fever	1	1									1		1
Whooping Cough													
Diphtheria and Mem-									·				
branous Croup Croup													
(Typhus													
Enteric													
Other continued .													
Epidemic Influenza	1					1				1			
Cholera								1					
	3	1	2					2			1	in second	2
												dates	
Puerperal Fever													
Erysipelas						1						1	
Other Septic Diseases.	16	2			1	12	1	3	5	3	4	1	9
Phthisis	7	2	2	1	1	1		1		2	4		
Other Tubercular Diseases	14				11.61	9	5	6	1		1	6	10
Cancer, Malignant Disease		1				7	9	4	5	3	5	2	11
Bronchitis	23	5	1 million		1	12	3	3	5	4	5	6	19
Pneumonia			2										
Pleurisy	1.2.1						1						
Other Diseases of Respiratory Organs	1						1			*			
Alcoholism Cirrhosis of Liver }	1					1,		1					
Venereal Diseases	2	2									2		1
Premature Birth	3	3						1			2		3
Diseases and Accidents													
of Parturition Heart Diseases	19				1	12	6	4	2		9	4	10
Accidents	7	2	2			1	2			1	5	1	1
Suicides					1?							1.0	
													1.13
All other causes	43	13	1		2	19	8	8	.4	6	14	11	7
	1					-	0.0		0.5	01		20	-

.. 1:5

All causes ..

21 54

TABLE V.—Causes of, and Ages at, Death during the 4 weeks ending May 31st, 1902, in the Borough of St. Marylebone.

REGISTER OF SANITARY WORK Month Ending 31st May, 1902.

				-			 				
		I	Distric			8.					
		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. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell,	Total.
Factory and Workshop Act.											Raid
Enquiries as to Occupation							 		15	7	22
Periodical Inspections :									inn.		111
Factories							 		1	1	2
Workshops							 		59	180	239
Bakehouses							 		26	2	28
Restaurants, &c							 		39		39
Homeworkers' Premises							 		20	12	32
Domestic Workshops							 		5	3	8
Food and Drugs Act.											
ADULTERATION.										aup	
Samples collected for Analysis		17	9	9			 			4	39
Correspondence, Legal Procedu &c.	ıre,										
Complaints received		9	5	14	12	14	 		10	9	73
Letters and Intimations relating Abatement of Nuisances	to 	43	16	42	21		 		5	13	140
Statutory Notices Served		8		7	4	9	 				28
Proceedings taken before Magistrates	3						 				
(1) Under Public Health Act							 				
(2) " Factory & Workshop	Act						 				
(3) ,, Food & Drugs Act			1	2		1	 				4
Reports made to Medical Officer of Hea	alth	48	30	35	56	47	 		30	28	272
1 3 2 4 4 15 32								1			14

REGISTER OF SANITARY WORK Month ending 31st May, 1902.

								1	-				
				1	1 5	pector	8.			1			
Jair			Mr. J. Hodgss, No. 1 District.	Mr. A. Perry. No. 2 District.	Mr. D. J. Andrews, No.3, District.	104	Mr. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties,	Miss L. M. O'Kell.	Total.
Publ	ic Health (London) Act.							AR	1.1		1. 1.1		And
	/Dwelling Houses, &c		47	56	50	40	43						236
	Tenements		50		30	63	27						170
	Underground Dwellings		20		25	5	21						71
(car)	Dairies, Milk Shops, Cow Ho	ouses	6	2	3	2	5						18
10	Slaughter Houses		1	2		1	1					i	5
10	Yards, Stables, and Mews		18	18	30	60	26					2	154
tion	Smoke Shafts										4		1 4
Inspections.	Offensive Trades and Eff Businesses	luvia		1					1010	1000	72 21		
P	Refuse Receptacles		 5		6	20							49
	Enquiries re non-removal of re	fuse	8	9	12		7				220	1	36
	Removal of Bodies to Mortua												ADE
22	Visits to Works in Progress		141	162	150	180	97				35	12	777
	Miscellaneous Inspections		54	63	50	60	69				20	27	343
UNW	HOLESOME FOOD.					GOD	1000	1.Pr	120	1,90			
N	umber of seizures made				a.,					····			
	CTIOUS DISEASE :			and a		1.		1.450					
	ases Isolated				••••		21		•••				2
	ases removed to Hospital		11	9	8	6	11	200			•••		45
R	ooms Disinfected		24	18	16	12	26						96
NEW	DRAINAGE :					24	çed	izu Vi				-	
N	umber of Plans Passed		7	11	5	12	13		30				48
N	ew Pipe Drains (feet)		954	1720	352	560	1648						5234
Н	ouses where defects in exis Drainage have been detected remedied		11	12	10	5	9						47

THE

SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING JUNE, 1902.

Containing a Quarterly Summary of the Mortality Statistics for the Quarter ending June 28th, 1902, and the Quarterly Statement of Analytical Work done under the Sale of Food and Drugs Act, &c.

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. XXIII. TOWN HALL, ST. MARYLEBONE, JULY 5TH, 1902. No. 6.

The week ending June 7th was wet and unpleasant. Minimum temperature, 50.0° ; maximum, 76.0° ; mean, 59.8° . On six days 1.05 inch rain fell. The winds were WSW and WNW; the sunshine, 23.8 per cent. Mean barometer, 29.8 inches.

The week ending June 14th was also wet and cool. Minimum temperature, $39 \cdot 2^{\circ}$; maximum, $60 \cdot 0^{\circ}$; mean, $52 \cdot 5^{\circ}$. On four days rain fell (1.28 inch). Winds variable. Sunshine, 14.3 per cent. Mean barometer, 29.6 inches.

The week ending June 21st showed but a slight improvement. Minimum temperature, 45.0° ; maximum, 71.5° ; mean, 58.0° . Winds, N and SE. On three days rain fell (0.30 inch). Sunshine only 18.5 per cent. Mean barometer, 29.6 inches. The week ending June 28th was one of perfect summer. Minimum temperature, 50.5° ; maximum, 80.5° ; mean, 69.4° . No rain fell. Winds, SE and E. Sunshine registered in Regent's Park, 77.9 hours, equal to 67.1 per cent. Mean barometer, 30.1 inches.

Births and Deaths.

During the four weeks ending June 28th there have been registered 210 births and 160 deaths; equal to a birth-rate of 20.5 per thousand, a death-rate of 15.6 per thousand. The average death-rate for the corresponding period during the five previous years was 17.1 per thousand.

Quarterly Summary.

During the quarter ending June 28th there have been registered 688 births and 516 deaths. These births and deaths are distributed among the five sub-districts as set forth in Table VI. Two hundred and one of the deaths were extra-parochial, as follows :—

St. Marylebone Infirmary, Notting H	lill a	 124
North-Western Fever Hospital		 6
Western Fever Hospital		 1
North-Eastern Fever Hospital		 3
Gore Farm Hospital		 1
Long Reach Hospital		 2
Hospital Ship "Atlas"		 1
" " "Castalia"		 3
London Fever Hospital		 1
London Hospital		 1
St. Mary's Hospital		 15
Children's Hospital, Paddington		 1
King's College Hospital		 1
University College Hospital		 6
St. Thomas' Hospital		 1
Cancer Hospital, Chelsea		 1
French Hospital		 2

		Brought fo	rward	170
Italian Hospital				1
German Hospital				1
Royal Free Hospital				1
Homeopathic Hospital				. 1
Brompton Hospital				2
St. Peter's Home, Kilburn				1
St. Joseph's Home				1
Hanwell Asylum				8
Leavesden Asylum				1
Banstead Asylum				2
Claybury Asylum				2
Colney Hatch Asylum				4
Hoxton House Asylum				1
Friedenheim				2
In various streets	iðsa é			3
			Tota	1 201

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

All Souls, birth-rate 17.3; death-rate 14.4. Rectory, birth-rate 19.1; death-rate 14.7. St. Mary, birth-rate 16.1; death-rate 13.5. Christ Church, birth-rate 28.5; death-rate 15.6. St. John, birth-rate 16.6; death-rate 20.7. The whole district, birth-rate 20.6; death-rate 15.5.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows :—All Souls, 13.8; Rectory, 21.0; St. Mary, 18.4; Christ Church, 18.9; St. John, 20.6; 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 THIRTEEN WEEKS ENDING JUNE 28TH, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES :--

		Total Deaths. 13 weeks ending June 28th, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending June 28, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1896-1901.
1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	52	$ \begin{array}{r} 101 \\ 192 \\ 153 \end{array} $	$1.56 \\ 2.97 \\ 1.62$	$1.44 \\ 3.83 \\ 2.07$

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.

Small-pox has for the time practically died out. On the other hand, there has been an unusual burst of scarlet fever during the latter part of June; there has also been a rise above the normal of typhoid fever. No direct connection between milk or water supply can be established. In a few of the cases of typhoid there is some evidence of being derived from eating shell-fish or oysters, but in others the history is too vague and indefinite to justify conclusions.

In other respects, the past three months have been fairly healthy; the general death-rate, as well as that from pulmonary and tubercular diseases, being well below the average.

London County Council (General Powers) Bill.

This Bill, now before the House of Lords, seeks, among other things, to empower the officers of the London County Council to inspect any dairy in any place in or out of London from whence milk supposed to have caused illness is derived. The Boroughs of Paddington, of Lambeth, of Hampstead, of Islington, of St. Pancras, the County Councils of Middlesex and of Herts, the Metropolitan Branch of the Society of Medical Officers of Health, all petition against these powers being granted.

To the mind of the writer the powers of each County Council, whether the County Council of London or that of any of the provinces, should be confined to the functions of a Local Government Board, and many functions now exercised by the Local Government Board might be usefully transferred. But when matters of *detail* are in question, such as the inspection of dairies, of common lodging houses, the provision of facilities of escape from fire, and so forth, all such matters can be done more economically and more efficiently by the officers of the various local sanitary authorities. It is therefore much to be regretted that the London Council constantly in their policy depart from this great and essential principle of referring all details to local authorities, and evince a desire to initiate and carry out themselves the most minute detail with regard to sanitary inspection; which means an enormous duplication of othcers, and consequent quite unnecessary expense. It is for the above reasons that the writer heartily approves of the opposition to the Bill by the authorities named.

The Laboratory (Sale of Food and Drugs Acts).

The work done under the Sale of Food and Drugs Acts is presented in a tabular form (page 82); from the table it will be seen that 155 samples of various articles of food and drink have been analysed, and that out of these,—four samples of milk and two samples of butter were certified to be adulterated.

Prosecutions have been initiated as follows :---

Laura Rowlands, of 14, Bell Street, was fined £2 with costs for selling milk diluted with 20 per cent. water.

John Evans, of 8 Christ Church residences, was fined £1 and costs for selling milk deficient in milk fat, to the extent of 13 per cent.

Richard Pontifex, of No. 29, Upper Marylebone Street, was fined £3 with costs for selling milk deficient in milk fat to the extent of 16 per cent.

A sample of butter was certified to contain 20 per cent. of water. The sample having been taken a few days before the regulations fixing the limit of water at 16 per cent. had come into force, no prosecution took place.

Other prosecutions are pending.

TABLE II.—Giving the Causes of Deaths during the 13 Weeks ending June 28th, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St.John & Elizabeth Grove Rd.
					12312 1917	
Smallpox						
nfluenza						
Scarlet Fever						
Diphtheria						
Typhoid Fever						
Diarrhœa				1	4	
Erysipelas					1	
Pneumonia and Pleurisy	7			- 1	11	
Pyæmia						
Syphilis					4	
Cancer	34		1		4	3
Phthisis & Tuberculosis	3				33	2
Rheumatism						
Apoplexy					1	
Paralysis					3	
Bronchitis	4			1	25	2
Asthma						
Peritonitis						
Disease of Brain						
" Heart	11			1	12	
" Kidney					1	
" Liver					2	
" Uterus						
" Ovary					1.	
Parturition						
Diabetes						
Fractures and Injuries	3			 1	2	
Old Ago				1	6	
Low Vitality, Infants						
Premature Birth	25	4			1.5	
Other causes	20	4	3	5	15	2
Total	*87	‡‡8	‡4	10	124	† †9

* Of the 87 deaths in the Middlesex Hospital, 65 were those of non-parishioners.

‡‡ The 8 deaths in Queen Charlotte's Hospital were those of infants; seven were the children of non-parishioners.

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

^{††} Seven of the 9 deaths in St. John's Hospital were those of non-parishioners.

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, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

-													
	(a)		ALL SOULS		KECTORY		ST. MARY		CARISI CRUNCH		SF, JOHN	Totais	
POPU AT AL	(b) Census 1901	35,3	391	19,8	349	18,0	99	39,5	36	20,		133,30	
					00		.0		0	-	0	210	
(d) A	ged under 5 orover 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards						
	1. Chicken Pox	8	12	3	2	6	2	3	9		3	20	28
LITY	2. Smallpox		1	••	3		3		4				11
FACH LCDALITY OF THE MEDICAL TH.	3. Scarlatina	1	7			1	4	1	5	8	10	11	26
IHE	4. Diphtheria			2	4	1	1	1	1	1	2	5	8
N FAC	5. Membranous Croup												
SS I EDG HR	/6. Typhus												
SICKNESS IN EACH LOCALITY KNOWLEDGE OF THE MEDICAL CER OF HEALTH.	zi 7. Enteric or Typhoid		2		2		3		6		3		16
	Single Street St												
0 18	9. Relapsing												
NEW CASES OF COMING TO THE OFF	10. Puerperal				·								
MINO	11. Cholera												
NO	12. Erysipelas		4		9		2	2	10		3	2	18
HI-L	1. Smallpox		1		3		. 3		4				11
TR1	2. Scarlatina		4			1	. 4		4	7	8	8	20
ROM FOR	3. Diphtheria			1	2	1	1	1	1		1	3	5
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSFITALS.	4. Membranous Croup												
CAL CAL	5. Typhus												
SES R)	6. Enteric or g		2		1	-			6		2		11
I CA	Typhoid												
SUCI TR 81	8. Relapsing												
N TI MEN	9. Puerperal												
IBER	10. Cholera												
NUM	11. Brysipelas				6				1		2		9
-				-			-			-		-	-





JUNE.

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE.

1902.



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 June Quarter, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

AGE				RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals	
Popt AT AL	(b) Census 1901	35,3		19,		18,		39,1		20,4		133,	
(c) R	registered Dirths		153		95		73	2	91	2	35		697
(d) A	Aged under 5 or over 5.	Under 5	5 upwards	Under 5	5 upwards	Under 5 -	5 upwards	Under 5	5 upwerds	Under 5	5 upwards	Under 5	5 upwards
(1. Chicken Pox	21	26	12	3	9	4	6	15	11	7	59	55
LITY ICAL	2. Smallpox		3	1	12		8	1	7		4	2	34
MED	3. Scarlatina	5	19	2	4	2	7	5	7	11	19	25	56
I IIIII	4. Diphtheria	1	7	3	9	1	2	3	1	6	5	13	24
NEW CASES OF SICKNESS IN HACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	5. Membranous Croup												
ESS RDG P H	/6. Typhus												
SICKNI KNOWI CCER 0	7. Enteric or Typhoid		6		3		3		8	1	3	1	23
AU AU	SH Typhoid 8. Continued												
SES TO T	9. Relapsing												
CA CA	\10. Puerperal		1										1
NEW	11.Cholera												
40	12. Erysipelas		6		25		4	2	18	1	9	3	62
BIR AT-	1. Smallpox		8	1	12		8	1	7	1	4	2	34
T TH T RE	2. Scarlatina	2	14	2	8	1	5	3	6	7	11	15	44
FOR FOR ALS.	3. Diphtheria	1	2	2	5	1	2	2	1	2	4	8	14
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	4. Membranous Croup												
REN OCA	(5. Typhus												
CASES RAL L OLATIC	6. Enteric or Typhoid		2		2				6	1	2	1	12
SEVE SEVE N IS	Typhoid 7. Continued												
F SU URE NT I	8. Relapsing												
IN 5 ME2	(9. Puerperal												
MBE	10. Cholera	• • •											
Nu	11. Erysipelas				19				2	1	3	1	24

TABLE	V.—I)ISTRICT	BIRTH	IS AN	D DE.	ATHS	FOR	THE
	FOUR	WEEKS	ENDING	JUNE	28тн,	1902.		

	Population	Bir	ths.	Dea	aths.	
	in 1901.	Males.	Fmls,	Males	Fmls.	
All Souls	35,391 19,849 18,099 39,536 20,426	$22 \\ 12 \\ 12 \\ 46 \\ 15$	$ \begin{array}{r} 17 \\ 18 \\ 8 \\ 52 \\ 8 \end{array} $	$20 \\ 8 \\ 6 \\ 22 \\ 14$	$23 \\ 14 \\ 11 \\ 20 \\ 22$	
Total	133,301	107	103	70	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.

TABLE VI.-DISTRICT BIRTHS AND DEATHS FOR THE THIRTEEN WEEKS ENDING JUNE 28TH, 1902.

in 1901. 35,391 19,849	79	74	Males.	Fmls.
				61
	44	51	35	38
18,099 39,536	40 132	33 150	30 88	31 66 50
				246
2	9,536 20,426 3,301	47	20,426 47 38	20,426 47 .38 56

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.

MOR SUST]	Death		vhole ined A		ct at		D		in Lo all Ag	ocaliti zes).	es	Public ions.
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	Нюстону.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Publ Institutions.
Smallpox	7		1			5	1	2	1	1		3	3
Measles	19	5	13	1				2	6	2	7	2	
Scarlet Fever	6	1	3	1		1		2	1		1	2	3
Whooping Cough	2	1	1					1		1			
Diphtheria and Mem- branous Croup	4	1	1	1	1				2	1	1		3
Oroup													
g (Typhus													
Enteric													
							2		2				
Epidemic Influenza	4												
Cholera										• ••			
Plague								3					•••
Diarrhœa	8	6	2					100			4	1	5
Enteritis													
Puerperal Fever													
Erysipelas	- 1	1	•									1	1
Other Septic Diseases	3	1				2					1	2	
Phthisis	59	2			4	38	15	18	11	3	18	9	39
Other Tubercular Diseases	20	7	5	3	3	2		5		3	11	1	1
Cancer, Malignant Disease	43					25	18	18	3	3	7	12	41
Bronchitis	47	2	4			19	22	11	16	6	9	5	32
Pneumonia	44	8	4	1	1	23	7	11	8	9	9	7	26
Pleurisy	4			1		3			1		1	2	1
Other Diseases of Respiratory Organs Alcoholism {	4		1			2	1		2	1	1		
Cirrhosts of Liver)								1000					
Venereal Diseases	and the second	5			1			1		2	3		4
Premature Birth	1 and the second	13	••					2	1	2	5	3	4
Diseases and Accidents of Parturition	1					1		1					
Heart Diseases	58				3	32	23	15	4	7	19	13	24
Accidents	21	6	3		1	7	4	2	1	3	10	5	9
Suicides										•••			
All other causes	134	33	5	1	2	51	42	26	13	15	45	35	57
All causes	516	93 -	43	9	16	220	135	122	73	61	154	106	253

TABLE VII.—Causes of, and Ages at, Death during the 13 weeks ending June 28th, 1902, in the Borough of St. Marylebone.

TABLE VIII.-SALE OF FOOD AND DRUGS ACT.

					Genuine.	Adulterated.	Total.
DAIRY PRODUCT	S-					-	
Milk					64	4	68
Butter					29	2	31
Margarine					6		6
Cheese					1	_	1
Lard	••				2	-	2
ALCOHOLIC BEV	ERAG	ES-					
Whisky					15		15
Brandy					4	_	4
Gin.					6		6
Beer					7		. 7
Port Wine	••		••	•	3	-	3
NON-ALCOHOLIC	BEVI	RAGE	s—				
Coffee			••		1		1
CONDIMENTS-							
					1		1
Sauce			••		1	-	1
INNED GOODS-	_						
Salmon							
Sardines					3 2	_	3 2
					~		
ACCHARINE SU	BSTAN	ICES-					
Honey			•••		1	-	1
AISCELLANEOUS	5-						
Corn Flour				·			
Chutney					1	-	1
Essence of L	emon				1	_	1
					149	6	155

SAMPLES ANALYSED DURING JUNE QUARTER 1902.

and the second

REGISTER OF SANITARY WORK Month ending 30th June, 1902.

		I	Distric	t Insp	ectors	s.			1	
		Mr. J. Hodgss, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No.3. District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.		Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell.	Total.
Publ	ic Health (London) Act.									
	Dwelling Houses, &c	18	19	15	20	17	 	 		89
	Tenements	43	16	35	56	29	 	 		179
	Underground Dwellings	7	3	25	4	13	 	 		52
	Dairies, Milk Shops, Cow Houses	. 5	1	12	2	3	 	 		23
	Slaughter Houses	2	2		1	1	 	 		6
ŝ	Yards, Stables, and Mews	32	26	40	35	29	 	 		162
tion	Smoke Shafts						 	 4		4
Inspections.	Offensive Trades and Effluvia Businesses						 	 		
	Refuse Receptacles	5	9	6		4	 	 		24
	Enquiries re non-removal of refuse	6	7	12		3	 	 		28
	Removal of Bodies to Mortuary				1		 	 		1
	Visits to Works in Progress	190	186	150	240	174	 	 	6	946
	Miscellaneous Inspections	150	132	120	180	98	 	 	22	702
UNW	HOLESOME FOOD.									
N	Number of seizures made						 	 		
INFE	CCTIOUS DISEASE :									
(Cases Isolated	1	1	3	1	1	 	 		7
C	Cases removed to Hospital	12	19	16	16	8	 	 		71
F	Rooms Disinfected	24	28	.22	28	26	 	 		128
NEW	DRAINAGE :									
N	umber of Plans Passed	8	5	6	12	11	 	 		42
N	New Pipe Drains (feet)	1360	1702	250	1200	1646	 	 		6158
ł	Iouses where defects in existing Drainage have been detected and remedied	8	10	6	7	9	 	 		40

REGISTER OF SANITARY WORK Month Ending 30th June, 1902.

PUBLIC HEALTH DEPARTMENT.

		Distri	ct Ins	pector	rs.		-	1	1	1	1
	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. W. Yeo, No. 5 District				Mr. R. Phillips, Special Duties,	Miss L. M. O'Kell,	Total.
Factory and Workshop Act.								-		*	
Enquiries as to Occupation									18	6	24
Periodical Inspections : -											
Factories									3	2	5
Workshops									51	283	334
Bakehouses									39		39
Restaurants, &c									54	1	55
Homeworkers' Premises									10	66	76
Domestic Workshops									20	4	24
Food and Drugs Act.	1.50			•							
ADULTERATION.	1.285					100					
Samples collected for Analysis		7	2								9
	- 02					20		1000			
Correspondence, Legal Procedure, &c.	12										
Complaints received	7	5	8	13	15				5	8	61
Letters and Intimations relating to Abatement of Nuisances	25	23	29	22	27				7	7	140
Statutory Notices Served	4		1	2	9				1		17
Proceedings taken before Magistrates	6.										6
(1) Under Public Health Act		1									1
(2) " Factory & Workshop Act											
(3) " Food & Drugs Act											•••
Reports made to Medical Officer of Health	42		30	55	76				36	22	261
· · · · · · · · · · · · · · · · · · ·		-									
				-							
	the second			1000						1.1.1.1.1	

REGISTER OF. SANITARY WORK QUARTER ENDING 30TH JUNE, 1902

				Distric	et Ins	pector	rs.	1	1	1	1	
			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. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell.	Total.
Pub	lic Health (London) Act.											1.000
	Dwelling Houses, &c		120	129	121	100	60	 				530
	Tenements		139	16	91	139	56	 				441
	Underground Dwellings		37	3	62	9	34	 				145
	Dairies, Milk Shops, Cow Hou	ses	15	4	16	8	8	 				51
	Slaughter Houses		4	6		3	2	 				15
15.	Yards, Stables, and Mews		62	47	100	115	55	 			2	381
ction	Smoke Shafts							 		11		11
Inspections.	Offensive Trades and Efflux Businesses	7ia						 				
	Refuse Receptacles		21	35	21	40	9	 				126
	Enquiries re non-removal of refu	ase	22	26	36	6	10	 				100
	Removal of Bodies to Mortuary		1			1		 				2
	Visits to Works in progress		501	508	450	510	271	 		74	33	2377
	Miscellaneous Inspections		424	327	280	380	167	 		47	129	1754
UNW	HOLESOME FOOD.											
1	Number of seizures made							 				
INFE	CTIOUS DISEASE :											
(Cases Isolated		1	3	3	1	3	 				11
(Cases Removed to Hospital		31	33	-31	32	19	 				146
I	Rooms Disinfected		62	46	50	58	52	 				268
NEW	DRAINAGE :											
N	umber of Plans Passed		21	20	18	36	24	 			1	120
N	lew Pipe Drains (feet)		3184	4102	852	2969	3294	 				14401
H	Iouses where defects in existi Drainage have been detected a remedied	ng nd	29	30	25	22	18	 				124

REGISTER OF SANITARY WORK QUARTER ENDING JUNE 30TH, 1902.

	III	District Inspectors.						1	1	T	1
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	J. Andrews District.	Mr. T. Gorniot, No. 4 District.	Yeo, District.				Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell,	Total.
Factory and Workshop Act.					2014	10 THE	1.5.0			10	
Enquiries as to Occupation				• • • • •					72	53	125
Periodical Inspections :									95		95
Factories				• • • •					11	6	17
Workshops			1						183	508	692
Bakehouses	1			• •••					94	2	97
Restaurants, &c				• • • • •					156	2	158
Homeworkers' Premises				• • • •	•				55	96	151
Domestic Workshops									43	10	53
Food and Drugs Act.							12.2			1	
Samples collected for Analysis	30	33	32	13	23					4	135
Correspondence, Legal Procedure, &c.											
Complaints received	19	16	32	39	40				18	24	188
Letters and Intimations relating to Abatement of Nuisances	78	52	83 ^{1.}	61	41				16	38	369
Statutory Notices Served	12		8	13	25				1		59
Proceedings taken before Magistrates	6										6
(1) Under Public Health Act		1	1								2
(2) " Factory & Workshop Act											
(3) " Food & Drugs Act		1	2		1						4
Reports made to Medical Officer of Health	124	66	95	157	170				91	78	781
	22	1		3.01	-	-				1.	

THE

SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE

DURING JULY, 1902.

PUBLIC HEALTH DEPARTMENT, 3, UPPER GLOUCESTER PLACE, ST. MARYLEBONE, AUGUST 9TH, 1902.

VOL. XXII.

No. 7.

The week ending July 5th was one of unsettled weather. Minimum temperature, 47.0° ; maximum, 81.2° ; mean, 65.0° . Winds E and SW. On three days rain fell (1.24 inch); sunshine, 42.25 hours. Mean barometer, 30.0 inches.

The week ending July 12th was one of pleasant summer warmth. Minimum temperature, 44.5°; maximum, 83.0°; mean, 67.3°. On two days rain fell (0.24 inch). Winds variable. Sunshine registered in Regent's Park, 54 hours. Mean barometer, 30.0 inches.

The week ending July 19th was bright and rainless. Minimum temperature, 46.0° ; maximum, 84.5° ; mean, 68.4° . Winds, NW. Sunshine 67.5 hours. Mean barometer, 30.0 inches.

The week ending July 26th was cooled by easterly winds. Minimum temperature, 50.0°; maximum, 71.2°; mean, 60.1°. On one day rain fell (0.09 inch). Sunshine, 16.1 hours. Mean barometer, 29.8 inches.

The week ending August 2nd was also cool. Minimum temperature, 49.4°; maximum, 68.8°; mean, 58.1°. Sunshine registered, 40 hours. On two days slight rain fell (0.14 inch). Winds, WSW. Mean barometer, 29.9 inches.
Births and Deaths.

During the five weeks ending August 2nd there have been registered 294 births and 179 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV. Eighty-three of the deaths were extra-parochial, as follows :—

St. Marylebone Infirmary, Notting	Hill		54
North-Eastern Fever Hospital			1
North-Western Fever Hospital		00.0	6
St. Mary's Hospital			4
St. George's Hospital			1
Charing Cross Hospital			2
Children's Hospital, Great Ormond	Street		1
Hostel of God		· · · ·	1
Clapham Maternity			2
Hanwell Asylum			6
Colney Hatch Asylum			4
The Serpentine			1

Total 83

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

All Souls, birth-rate 19.7; death-rate 10.3. Rectory, birth-rate 19.5; death-rate 8.7. St. Mary, birth-rate 22.4; death-rate 15.5. Christ Church, birth-rate 28.4; death-rate 14.7. St. John, birth-rate 20.9; death-rate 20.4. The whole district, birth-rate 22.9; death-rate 14.0.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows:—All Souls, 13.1; Rectory, 15.7; St. Mary, 13.7; Christ Church, 16.4; St. John, 20.2; the whole district, 16.3. 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 2ND, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES :---

		Total Deaths. 5 weeks ending Aug 2nd, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Aug. 2, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1896-1901.
1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	28 30 25	156 168 140	2.18 2.34 1.95	3·02 2·47 1·76

NOTES.

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

The Temporary Offices of the Public Health Department.

As indicated on the first page, the business of the Public Health Department will now be carried on at No. 3, Upper Gloucester Place. For the first time during the writer's long period of office, there is suitable accommodation for the increasing mass of papers, reports, correspondence, and records. Although the offices are confessedly temporary, no one with any knowledge of public business can for a moment doubt but that it will be many years before municipal offices will be built and ready for occupation. The construction of a new Town Hall is eminently a matter of contention; there will be honest differences of opinion as to the best possible site, as to the kind of building, and as to the cost of both ; there can, however, hardly be any room for dispute that such offices are urgently needed. It was only when the position of affairs became intolerable that the Council consented to separate for a time the Public Health Department from the old Town Hall, and thus give a transient relief and some little better accommodation to the other departments.

The Health of the District during July.

Small-pox has for the time definitely died out. The unusually moderate temperatures have had the direct effect of reducing the infantile diarrhœa, that usually causes a good many deaths in hot July months, to insignificant limits. On the other hand, one district of the Borough has suffered from scarlatina and throat affections to a far greater extent than usual. The whole death-rate is, however, more than two per thousand lower than the average.



JULY.

1902.

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE.



TABLE II.-Giving the Causes of Deaths during the 5 Weeks ending August 2nd, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St.John & Elizabeth, Grove Rd.
Smallpox					
Influenza			 		
Scarlet Fever			 		
	2				
Diphtheria			 		
Typhoid Fever			 2		
Diarrhœa	•••	***	 2	2	
Erysipelas	1		 	2	
Pneumonia and Pleurisy	5		 	2	
Pyæmia			 		
Syphilis			 	1	
Jancer	16		 	2	
Phthisis & Tuberculosis	3		 	14	1
Rheumatism			 	1	
Apoplexy			 		
Paralysis			 	3	
Bronchitis	2		 	13	1
Asthma			 		
Peritonitis		a harden a	5.23		
Disease of Brain			 		
		1	 		1
" Heart	0	1	 	0	1
" Kidney			 		
" Liver	***		 		
" Uterus			 		
" Ovary			 		
Parturition			 		
Diabetes			 		
Fractures and Injuries	1		 		
0ld Age			 	5	
Low Vitality, Infants			 		
Premature Birth			 		
Other causes	9	1	 3	6	
		-			
Total	*42	†2	 5	54	13

* Of the 42 deaths in the Middlesex Hospital, 28 were those of non-parishioners.

† The 2 deaths in Queen Charlotte's Hospital were those of non-parishioners.

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

		Deatl	hs in v subjo	whole ined ,		ict at		D		in Lo all Ag		es	Public
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Publ Institutions
Smallpox													Ì
Measles	3		2	1								3	
Scarlet Fever	1		1									1	1
Whooping Cough	1	1									1		
Diphtheria and Mem- branous Croup	4		3	1						2		2	4
Croup									•••				
g (Typhus	••								••				
Enteric	3			••	2	1					3		2
(Other continued .	••						••						
Epidemic Influenza .													
Cholera	••	••				••							
Plague		••	**				••						
Diarrhœa	10	8	1			• 1		1	2	1	4	2	2
Enteritis	••												
Puerperal Fever	1				••	1					1		
Erysipelas	2					1	1	1			1		1
Other Septic Diseases	3				1	2		1	1	1			2
Phthisis	17			1	1	14	1	5	3	3	3	3	2
Other Tubercular Diseases	8	3	4			1		1	1		4	2	
Cancer, Malignant	11					8	3	2	1	3	2	3	17
Bronchitis	20	2	- 10			7	11	7	6	1	4	2	2
Pneumonia	10	1			1	7	1	4		2	1	3	5
Pleurisy													
Other Diseases of													
Respiratory Organs Alcoholism Dirrhosis of Liver }	4			••		4		1	1	1	1		2
Venereal Diseases	1	1								1			
Premature Birth .	4	4						1		1	1	1	
Diseases and Accidents	1					1		1					
of Parturition Heart Diseases	14			1		8	5		1	3	9	1	5
Accidents	6	4			1	1		1			4	1	1
Suicides	2					2		1	1				
All other causes	53	5	3	:	4	19	22	8	4	8	17	16	9
All causes	179	29	14	4	10	78	44	35	21	27	56	40	55

TABLE III.—Causes of, and Ages at, Death during the 5 weeks ending August 2nd, 1902, in the Borough of St. Marylebone.

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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 July, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	(a)]	ALL SOULS		RECTORY		Sr. MARY		CHRIST CHURCH		ST. JOHN		Totals	
Popu AT AL	(<i>ð</i>) Census 1901	- 36,4		10.	798	19,		32,	547	32,6		141,	
(c)	Registered Births		67		38		39	1	00		42		294
(<i>d</i>)	Aged under 5 or over 5.	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwerds	Under 5	5 upwards	Under 5	5 upwards
	(1. Chicken Pox	7	4		3	2	1	5	5	1	8	15	21
LITY	2. Smallpox		1		1								2
MED	3. Scarlatina		5	1	3	1	8		1	6	24	8	36
THE .	4. Diphtheria	2	4	1	5	3	1	4	2	2	6	12	18
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE RNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	5. Membranous Croup												
ESS LEDG	6. Typhus												
SICKN KNOWI	7. Enteric or Typhoid	1	3		1		1		4		. 3	1	12
OFF.	Typhoid 8. Continued												
SFS TO	9. Relapsing							••					
CA CA	\10. Puerperal		••				1		1				2
NRW	11.Cholera	••											
	12. Erysipelas		2		5				4		1		12
CETR EAT-	(1. Smallpox		1		1								2
TIT W	2. Scarlatina		2	1	3	1	3		1	ō	19	7	28
PB0 FOR	3. Diphtheria	1	4	1	4	3		4	2	1	5	10	15
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITYES FOR TREAT- MENT IN ISOLATION HOSPITALS.	4. Membranous Croup												
RENOCA	(5. Typhus							•					
CASES ERAL I SOLATI	6. Enteric or Typhoid	1	2				1		3		3	1	9
DCH SEV SEV	7. Continued												
THE NT I	8. Relapsing	••											
ER C	(9. Puerperal												
UMB)	10. Cholera												
HUN	11. Erysipelas		1		3				1				5

TABLE V.-DISTRICT BIRTHS AND DEATHS FOR THE FIVE WEEKS ENDING AUGUST 2ND, 1902.

to and the second s	Population	Bir	ths.	Deaths.	
All Souls	in 1901.	Males.	Fmls.	Males	Fmls.
Deat	35,391	33	34	15	20
St. Mary	19,849	18	20	16	5
Obvist Ob 1	18,099	20	19	13	14
St Tohn	39,536	59	49	28	28
bt. John	20,426	21	21	20	20
Total	133,301	151	143	92	87

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.

REGISTER OF SANITARY WORK Month Ending 31st July, 1902.

PUBLIC HEALTH DEPARTMENT.

			1Stille	t Insp	ectors					
		Mr. J. Hodgss, No. 1 Distaict.	Mr. A. Perry, No. 2 District.	Mr. D. J Andrews, No.3. District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.		Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
Publi	ic Health (London) Act.									
1	/Dwelling Houses, &c	36	34_	26	25	26	 	 5		152
	Tenements	40		36	43	11	 	 		130
	Underground Dwellings	6		10	8	7	 	 		31
	Dairies, Milk Shops, Cow Houses	2	1	5	4	3	 	 11		26
	Slaughter Houses	2	2		1		 	 		5
	Yards, Stables, and Mews	21	19	20	40	17	 	 10		127
tions	Smoke Shafts						 	 15		15
Inspections.	Offensive Trades and Effluvia Businesses				2		 	 		2
	Refuse Receptacles	10	13	6	10	3	 	 		42
	Enquiries re non-removal of refuse	4	5	3	8	2	 	 	3	25
	Removal of Bodies to Mortuary						 	 		
	Visits to Works in Progress	180	192	50	240	196	 	 31	13	902
1	Miscellaneous Inspections	96	76	50	90	113	 	 27	49	501
UNW	HOLESOME FOOD.									
N	umber of seizures made						 	 		
INFE	CTIOUS DISEASE :									
C	ases Isolated	2	3	3	1		 	 		9
С	ases removed to Hospital	25	27	9	21	10	 	 		92
R	looms Disinfected	38	48	10	42	19	 	 		157
NEW	DRAINAGE :									
· · N	umber of Plans Passed	8	7	2	12	13	 	 		42
N	ew Pipe Drains (feet)		1328			1426		 		5470
	louses where defects in existing									-
	Drainage have been detected and remedied	8	-9	6	8	7	 	 5		43

REGISTER OF SANITARY WORK Month ending 31st July, 1902.

PUBLIC HEALTH DEPARTMENT.

and the second second	1	Distric	et Ins	pector	8.		1	1	1.	
	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. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties,	Miss F. A. Baker.	Total.
actory and Workshop Act.					-					
Enquiries as to Occupation						 			11	11
Periodical Inspections :										
Factories						 				
Workshops						 		35	303	338
Bakehouses	1					 		17		. 18
Restaurants, &c						 		20		20
Homeworkers' Premises						 		9	83	92
Domestic Workshops						 			8	8
food and Drugs Act.					Bol					
ADULTERATION.										
Samples collected for Analysis				2		 				2
	1 AN									
Correspondence, Legal Procedure. &c.										
Complaints received	13	8	26	30	26	 		7	10	120
etters and Intimations relating to Abatement of Nuisances	01	15	22	36	9	 		5	13	121
statutory Notices Served			2	6	7	 				15
Proceedings taken before Magistrates						 				
(1) Under Public Health Act						 				
(2) " Factory & Workshop Act						 				
(3) " Food & Drugs Act						 		·		
	1 1 1 1 1 1									
Reports made to Medical Officer of Health	32	30	9	63	66	 		24	28	342

THE

SANITARY CHRONICLES

BOROUGH OF ST. MARYLEBONE

DURING AUGUST AND SEPTEMBER, 1902.

Containing a Quarterly Summary of the Mortality Statistics for the Quarter ending September 27th, 1902, and the Quarterly Statement of Analytical Work done under the Sale of Food and Drugs Act, &c.

VOL. XXII. 3, UPPER GLOUCESTER PLACE, OCTOBER STH, 1902. No. 8.

The week ending August 9th was rainy and cool. Minimum temperature, 59.0°; maximum, 71.0°; mean, 60.3°. On six days rain fell (0.69 inch). Winds WSW and SE. Sunshine, 13.8 per cent. Mean barometer, 29.8 inches.

The week ending August 16th was cool and unsettled. Minimum temperature, 44.0° ; maximum, 75.0° ; mean, 61.4° . Winds NW. On three days rain fell (0.16 inch). Sunshine 27.5 per cent. Mean barometer, 29.8 inches.

The week ending August 23rd was wet. Minimum temperature, 48.0°; maximum, 72.5°; mean, 62.5°. Winds, SW. On five days rain fell (1.61 inch). Sunshine 27.2 per cent. Mean barometer, 29.8 inches.

The week ending August 30th was brighter and more seasonable. Minimum temperature, 50.0° ; maximum, 77.0° ; mean, 63.8° . Winds SSE. Sunshine, 40.8 per cent. On three days slight rain fell (0.02 inch) Mean barometer, 29.8 inches.

The week ending September 6th was a moderately fine week. Minimum temperature, 50.5° ; maximum, 71.5° ; mean, 63.8° . Winds, SE and SW. On three days slight rain fell (0.59 inch). Sunshine 29.6 per cent. Mean barometer 29.8 inches.

The week ending September 13th was fine but cool. Minimum temperature, 40.0°; maximum, 69.0°; mean, 58.7°. On two days rain fell (0.17 inch). Sunshine, 30.8 per cent. Mean barometer, 29.9 inches.

The week ending September 20th was dull and cool. Minimum temperature, 40.0° ; maximum, 64.0° ; mean, 58.4° . On one day rain fell (0.8 inch). Sunshine, 23.4 per cent. Mean barometer, 28.9 inches.

The week ending September 27th was much brighter and finer than the preceding. Minimum temperature, 42.0°; maximum, 73.0°; mean, 59.0°. On one day only rain fell (0.02 inch). The winds were southeasterly. Sunshine, 39.3 per cent. Mean barometer, 30.2 inches.

Quarterly Summary.

During the thirteen weeks ending September there have been registered 725 births and 488 deaths. These births and deaths are divided among the five sub-districts as set forth in Tables V. and XI. Two hundred and seven of the deaths were extra-parochial, as follows :--

St. Marylebone Infirmary, Notting Hill		1	131
North-Eastern Fever Hospital			1
North-Western Fever Hospital			14
Grove Fever Hospital			1
St. Mary's Hospital			15
St. Thomas' Hospital			2
St. George's Hospital			1
Charing Cross Hospital			2
King's College Hospital			1
St. Bartholomew's Hospital			1
Brompton Hospital			2
Children's Hospital, Great Ormond Str	reet		1
", ", Paddington			6
Clapham Maternity			2
Lying-in-Hospital, Endell Street			1
Hostel of God			1
Hanwell Asylum			10
Banstead Asylum			1
Colney Hatch Asylum			7

Leavesden Asylum	 	 3
Chelsea Infirmary	 	 1
Friedenheim	 	 1
The Serpentine	 	 1
In the Street, Paddington	 	 1

Total 207

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

All Souls, birth-rate 17.9; death-rate 11.7. Rectory, birth-rate 23.6; death-rate 16.2. St. Mary, birth-rate 21.2; death-rate 12.8. Christ Church, birth-rate 27.1; death-rate 16.0. St. John, birth-rate 21.7; death-rate 20.8. The whole district, birth-rate 21.8; death-rate 14.7.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows: —All Souls, 15:2; Rectory, 18:1; St. Mary, 19:3; Christ Church, 20:4; St. John, 22:3; the whole district, 18:9.

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 27TH, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:--

		Total Deaths. 	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending Sept. 27, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1896-1901.
1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	78	159 133 112	$2.26 \\ 2.47 \\ 1.65$	$4.0 \\ 2.1 \\ 2.0$

NOTES.

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

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Health of the District.

The mortality of the past three months has been unusually low. This is mainly due to a decided fall in deaths from diarrhœa and from zymotic diseases generally, as compared with former years. Small-pox was practically absent, and there are grounds for hope that there will be no recurrence of the epidemic. On the other hand, the cool, wet, dull summer appears to have been favourable for inflammatory diseases of the intestines, and also for typhoid fever. Scarlet fever is shown by the curve opposite page 107 to be on the increase, being far above the average, and still rising.

Nightingale Street.

The Notices of the London County Council requiring the inhabitants to vacate the premises have now expired. For the time the London County Council stand in the technical position of "owners," and from a reliable source of information the writer understands that the officers of that Council are empowered to close as soon as practicable the worst houses, and to make a few others temporarily habitable while the work of reconstruction goes on. The writer has had an opportunity of seeing the plans for the new Nightingale Street buildings. These, when constructed, will add yet another block of Artizans' Dwellings to the district, and at least house, under favourable conditions, as great a number of persons as those who have been displaced by the scheme.

Prosecutions under the Public Health (London) Act.

The owner of Nos. 10 and 13, Hereford Street, was summoned for disobedience of a sanitary notice; but as the work was in progress at the time of hearing, the Magistrate adjourned the case for 28 days. The owner of No. 314, Edgware Road, was summoned for neglecting to provide suitable drainage for the premises. An order was made against the freeholder, with $\pounds 2$ 4s. 6d. costs. The freeholder disputes he is the "owner" within the meaning of the Public Health Act, and has appealed to the Sessions.

The Laboratory-Sale of Food and Drugs Act.

Work in the Laboratory during the quarter has necessarily been much interfered with, owing to the removal from the Town Hall and the necessary delay caused by fitting up new premises. The Laboratory is, however, now in good order, and the usual number of samples per quarter will be analysed. Notwithstanding the inconvenience alluded to, 98 samples were analysed, a full list of which is to be found in Table XII, page 111. Mr. Williams, of 94, Devonshire Street, Lisson Grove, was fined 40s., with costs, for selling milk certified to be diluted with 13 per cent. of water,

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TABLE II.—Giving the Causes of Deaths during the 13 Weeks ending September 27th, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's Hospital.		Workhouse	Notting Hill Infirmary.	Hospital of St.John & Elizabeth Grove Rd.
Smallpox						
Influenza						
Scarlet Fever						
Diphtheria	. 3					
Typhoid Fever	5					
Diarrhœa	4			2	8	
Erysipelas	1				3	
Pneumonia and Pleurisy	7				3	
Pyæmia			***			
Syphilis					1	
Cancer	38				8	
Phthisis & Tuberculosis	7				31	2
Rheumatism					2	
Apoplexy						
Paralysis					3	
Bronchitis	6				21	2
Asthma						
Peritonitis						
Disease of Brain						
,, Heart	7	1		1	8	1
" Kidney						
,, Liver					~	
" Uterus						
" Ovary						
Parturition						
Diabetes					 1	
Fractures and Injuries					17	
Old Age						
Low Vitality, Infants Premature Birth		1				
Other causes	38	2		 3	23	
Total	*120	†4		7	131	±5

* Of the 120 deaths in the Middlesex Hospital, 98 were those of non-parishioners.

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

[†] Four of the 5 deaths in St. John's Hospital were those of non-parishioners.

TABLE III.—DISTRICT BIRTHS AND DEATHS FOR THE FOUR WEEKS ENDING AUGUST 30TH, 1902.

	Population	Biı	ths.	Deaths.	
	in 1901.	Males.	Fmls.	Males	Fmls.
All Souls.	35.391	16	28	20	16
Rectory	19.849	13	17	12	9
St. Mary	18,099	14	11	11	8
Christ Church	39,536	32	44	22	20
St. John	20,426	16	24	14	17
Total	133,301	91	124	79	70

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.

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TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE FOUR WEEKS ENDING SEPTEMBER 27TH, 1902.

	Population	Birt	ths.	Deaths.	
	in 1891.	Males.	Fmls.	Males.	Fmls.
All Souls	35,891	26	21	19	14
Rectory	19,849	12	13	13	9
St. Mary	18,099	14	18	8	4
Christ Church	39,536	47	37	31	29
St. John	20,426	16	13	21	12
Total	133,301	115	102	92	68

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.

TABLE V.-DISTRICT BIRTHS AND DEATHS FOR THE THIRTEEN WEEKS ENDING SEPTEMBER 27TH, 1902.

		Population	Bir	ths.	Deaths.	
		in 1901.	Males.	Fmls.	Males.	Fmls
		35,391	75	83	54	50
Rectory		19,849	43	50	41	23
St. Mary		18.099	48	48	32	26
Christ Church		39,536	138	130	81	77
St. John		20,426	53	58	55	49
	Total	133,301	357	369	263	225

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.

TABLE VI.—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 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	1002, 01009.				1				1		1		
	(a)	ALL SOULS	Carlo Conte	RECTORY		Sr. MARY		CHRIST CHUNCH		ST. JOHN		Totals	
POPULATION AT ALL AGES.	(b) Census 1901	35,3		19,5		18,0		39,1		20,4		133,3	
(c) H	Registered Births		44		30		25		76		10	2	215
(d) A	Aged under 5 or over 5.	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwerds	Under 5	5 upwards	Under 5	5 upwards
	1. Chicken Pox	3	2	1	2	4	1	10	6	5	3	23	14
LITY	2. Smallpox												
MED	3. Scarlatina .	4	6		5		1		2	9	17	13	31
H I I	4. Diphtheria		8				2			2	• 4	2	14
NEW CASES OF SICKNESS IN RACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	5. Membranous Croup	••											
REDG	/6. Typhus												
SICKN1 KNOWL (CER 0	7. Enteric or Typhoid		1				1		5	1	1	1	8
ANC AND	SHEER Typhoid											•••	
SHS T O T	9. Relapsing												
O.A.	\10. Puerperal										1		1
NEW	11. Cholera				**					••			
~~	12. Erysipelas		1		8		1	2	5		3	2	13
11	(1. Smallpox												
TEE	2. Scarlatina	3	6		4		1		2	9	15	12	28
FROM FOR	3. Diphtheria		7				1			1	3	1	11
OVED 1 ITTES OSPIT	4. Membranous Croup												
REM OCAL	(5. Typhus												
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TERAT- MERT IN ISOLATION HOSPITALS.	6. Enteric or Typhoid						1		4		1		6
SEVE SEVE	7. Continued												
F SU	S. Relapsing												
R O. IN T	9. Puerperal					1. 1			1.		1		1
MBE	10. Cholera	·									10.201		
Nu Ho	(11. Erysipelas				1				2				3

TABLE VII.—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, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	(a)		ALL SOULS		RECTORY		ST, MARY	Outside Outside			ST. JOHN	Totais	
POPU AT AL	(b) Census 1901	35,3	91	19,8	549 25	18.0	999	39.5		20,		133,30	
(c) 1	egistered bittis	11	31		20		32		84	2	9	217	
(d) A	Aged under 5 orover 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	ő upwards	Under 5	5 upwards	Under 5	? upwards
	/1. Chicken Pox	2	1		2	8	2	10	1	8	4	28	10
LICA	2. Smallpox												2
LCGALITY MEDICAL	3. Scarlatina	3	9	1	5	1	4	2	4	8	16	15	38
H L	4. Diphtheria	4	4		1	2		1	1	1	1	8	7
N RACH 8 OF THI MLTH.	5. Membranous Croup												
SS I SDG Hg.	/6. Typhus												
OF SICKNESS IN EACH LCCALITY THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	7. Enteric or Typhoid						4		2		3		9
FFIC	S. Continued								4.				
0 TI 0 DI	9. Relapsing												
CASI 0 T	10. Puerperal												
NEW CASES OF COMING TO THE OFFI	11. Cholera												
N 8	12. Brysipelas	1	4		8	1.	1		5		2	1	:0
	1. Smallpox					1							
TAU	2. Scarlatina	3	9	1	4	1	4	2	4	5	14	12	35
T T T	3. Diphtheria	4	4		1	2		1	1	1	1	8	67
PRO S FO	4. Membranous					-		· ·		-		0	01
TIED	Croup												
CALI CALI	(5. Typhus												
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	6. Enteric or Typhoid						3		1		3		7
I CA	Typhoid 7. Continued												
SUCI IESI TIN	8. Relapsing												
N TI N TI	9. Puerperal												
BKR KS I	10. Cholera												
MO	11. Brysipelas		1		5						1		7





1902.



TABLE	III. — TABLE OF POPULATION, BIRTHS, AND	OF
Ν	W CASES OF INFECTIOUS SICKNESS, coming to	the
k	ledge of the Medical Officer of Health, in the Sanitary Distri	ct of
	MARYLEBONE, during September Quarter, 1902; class	
a	ding to DISEASES, AGES, AND LOCALITIES.	

		(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		Sr. Jour		Totale	
AT AL		Census 1896	35,		19,8	93	18,0	000	39,1		20,		133,	
(c) R	egi	stered Births	1	58.			1	2	26		11		7	26
(d)	A	ged under 5 rover5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
	1	Chicken Pox .	12	7	1	7	14	4	25	12	14	15	66	45
MEDICAL	1	Smallpox .		1										1
MEL	2.	Scarlatina .	7	20	2	13	2	8	2	7	23	57	36	105
HIR.	8.	Diphtheria	6	16	1	6	5	3	5	3	5	11	22	39
COMING TO THE ENOWLEDGE OF THE MEDIC OFFICER OF HEALTH.	4.	Membranous Croup												
EDG F H		/5 Typhus		••		į								
CER 0	RS.	6. Enteric or Typhoid	1	4		1		6		11	1	8	2	30
I AN	FRVERS.	7. Continued												
LOI		8. Relapsing								••				
NG		9. Puerperal				••		1		1	••	1		3
INOC		0. Cholera								••	••			
-	11	I. Erysipelas.		7		16	1.4		2			6	3	45
-TA	1.	Smallpox		1										1
TRE	07.	Scarlatina	6	17	2	11	2	8	2	7	19	48	31	91
FOR LS.		Diphtheria	5	15	1	5	5	1	5	3	3	9	19	33
HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	1.	Membranous Croup												
OCA		/5. Typhus .									••			
I INSS OLATIC	ERS.	6. Enteric or Typhoid	1	2				5		8		7	1	22
SEVI N IS	FEVERS.	7. Continued												
NTI		S. Relapsing												••
IN 1		\9. Puerperal						••						
MES	10	. Cholera						**						
Ho	11	l. Erysipelas		2		9				3		1		15

TABLE IX	-Causes of, and Ages at, De	ath during the 4 weeks
ending	August 30th, 1902, in the Borou	gh of St. Marylebone.
g h williash	Deaths in whole District at	Deaths in Localities

Bar Lastillansk		Death	subjo	whole ined	Distr Ages.	ict at	125.10	D		in Lo all Ag	ocaliti ges).	es	ublic ns,
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOULS.	RECTORY.	Sr. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Public Institutions,
Smallpox													
Measles	1		1					1					Times.
Scarlet Fever													Mage
Whooping Cough													
Diphtheria and Mem- branous Croup	1		1						1				1
Oroup			••						••				
g (Typhus			••						••				
Enteric	3				1	2					2	1	4
Other continued	•••					••							
Epidemic Influenza			••								••	••	
Cholera													
Plague													
Diarrhœa	16	11	3			2		2	3		7	4	3
Enteritis	1	1								1			`
Puerperal Fever											•••		
Erysipelas		••	•										
Other Septic Diseases	7			1	2	3	1	1	1	4	1		4
Phthisis	13	1			2	10		6.	2	1	2	2	4
Other Tubercular Diseases	3	2	1					1		1		1	2
Cancer, Malignant Disease	12					7	5	4	2	1	4	1	14
Bronchitis	10	4	2	1		1	2	1	2	1	3	3	8
Pneumonia	8	2	1			2	3	4	2			2	4
Pleurisy	1			1		·				1		••	1
Other Diseases of Respiratory Organs Alcoholism }		••									••		
Cirrhosis of Liver }	5		••			4	1	3			2		
Venereal Diseases	1					1			1				
Premature Birth .	2	2						1				1	1
Diseases and Accidents of Parturition	2					2					1	1	1
Heart Diseases	8			1	1	3	4	2		3	3		3
Accidents	5	1		1		1	2		1		2	2	3
Suicides													Lopid Bries
All other causes	50	11	18		1	13	25	10	6	6	15	13	2
All causes	149	35	9	5	6	51	43	36	21	19	43	31	81

				whole oined	Distr				eaths		ocaliti		iblic is.
CAUSES OF DEATH.	All Ages.	Under 1.	1 and under 5.	5 and under 15.	13 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.	Deaths in Public Institutions.
Smallpox													
Measles	1	1						1					1
Scarlet Fever	1		1						1				1
Whooping Cough	1		1					1					1
Diphtheria and Mem- branous Croup	1		1		•			1					1
Croup				***	***		***						
Typhus											***		
Fever Enteric	1				***	1	***				***	1	2
Other continued										***			
Epidemic influenza	1		1						1		***		
Cholera			• ••• •••		2.4						***		
Plague			***	***	***		•••					***	1
Diarrhœa	23	20	3					4	1	4	12	2	7
Enteritis	1	***	1						1	***			
Puerperal fever		•••									•••		and the second
Erysipelas	1		***	•••			1	1					1
Other Septic Diseases				***	***								
Phthisis	18	1				15	2	4	2	2	6	4	13
Other Tubercular Diseases	6	1	5		•••						3	3	2
Cancer, Malignant Disease	13					11	2	3	5		2	3	13
Bronchitis	8.		1		•••	6	1	4			3	1	3
Pneumonia	8	1	1			5	1	- 3			4	1	4
Pleurisy				•••		***							
Other Diseases of Respiratory Organs					***					***			
Alcoholism Cirrhosis of Liver }	4					4		1			2	1	3
Venereal Diseases	2	1				I		1	1				
Premature Birth	4	4						1			3		
Diseases and Accidents of Parturition	2		•••		1	1		1	1				3
Heart Diseases	9					7	2		4		4	1	4
Accidents	3		•••	1		2		1			-1	1	3
Suicides	1			•••	1					1			
All other causes	51	12	2	1	•••	23	13	6	5	5	20	15	25
All causes	160	41	17	2	2	76	22	33	22	12	60	33	87

TABLE X.—Causes of, and Ages at, Death during the 4 weeks ending September 27th, 1902, in the Borough of St. Marylebone.

	-		1802		the		ougn	OI L	. 10	laryre	sbone	•	
		Death			Distri Ages.	ict at		D		in Lo all Ag		es	ublic ns.
CAUSES OF DEATH.	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.	Rectory.	St. Mary.	Christ Church.	St. John.	Deaths in Public Institutions.
Constitution													
Smallpox Measles													1.
	2			1	***			2					
	2		2						1	****		1	2
Whooping Cough Diphtheria and Mem-	6		1					1			1		6
branous Croup			5	1		•••		1	1	2		2	
Croup													
Typhus									•••				
Fever Enteric	7		•••	***	3	4			***		5	2	
Other continued								· · · · · ·				***	
Epidemic influenza	1		- 1						1		***		England,
Cholera										****			
Plague				*** **						••••			10
Diarrhœa	49	39	7			3.		7	6	5,	23,	8	12
Enteritis	2	1	1	***					1	1.			
Puerperal fever	1	•••			•••	1					1		
Erysipelas	3	•••		****		1	2	2			1		2
Other Septic Diseases	10	***		1	3	5	1	2 .	2	5	1	100000	6
Phthisis	48	2		1	3	39	3	15	7	6	11 .	9	19
Other Tubercular Diseases	17	6	10 .	***		1		2	1	1	7	6	4
Cancer, Malignant Disease	36					26	10	9 -	8	4	8	7	44
Bronchitis	38	6	3	1		14	14	12	8	.2	10	6	13
Pneumonia	26	4	2		1	11	5	11	2	.2	5	6	13
Pieurisy	1		*****	1						1			1
Other Diseases of Respiratory Organs									*****			*	
Alcoholism Cirrhosis of Liver	13					12	1	5.	1	1	5	1	5
Venereal Diseases	4	2				2		í	2	1			
Premature Birth	10	10						8		.1	4	2	1
Diseases and Accidents	5				1	4		2	1		1	1	4
of Parturition Heart Diseases	31			2		18 -	11	2	5	6	16	2	12 .
Accidents	14	5		2	1.	4	2+	2	1		Z	4	7
Suicides	3				î	2	de	1	1	-1			Statute .
All other causes	154	28	5	1	5	55	60	24	15	19	52	44	62
All causes	488	105	40	11	18	205	109	104	64	58	158	104	223

TABLE XI.—Causes of, and Ages at, Death during the quarter ending September 27th, 1902, in the Borough of St. Marylebone.

TABLE XII.-SALE OF FOOD AND DRUGS ACT.

SAMPLES ANALYSED DURING SEPTEMBER QUARTER 1902.

				Genuine.	Adulterated.	Total.
DAIRY PRODUC	rs-			1000		
Milk			 	21	1	22
Butter			 	11		11
Margarine			 	1		1
Cheese			 			2
Lard			 	$\frac{2}{2}$		2
Cream			 ••	2	-	2
ALCOHOLIC BE	VERAGI	s-				-
Whisky			 	18		18
Brandy			 	2	ALCON TRANSPORT	2
Gin			 	10		10
Rum			 	2		
Port Wine			 ••	ĩ	_	$\frac{2}{1}$
NON-ALCOHOLI	BEVE	RAGES-				
Coffee			 	4		4
Coffee and (Chicory		 	1		î
Tea			 	1	_	ī
CONDIMENTS-						
Pepper						
Sauce			 	$\frac{2}{2}$		2 2
State			 	2		2
TINNED GOODS-						
Kipper Past	е		 	1		1
Condensed M	filk		 	2		
Salmon			 	2		2
Sardines			 	$2 \\ 2 \\ 2 \\ 2 \\ 1$		$ \begin{array}{c} 2 \\ 2 \\ 2 \\ 2 \\ 1 \end{array} $
Pines				2		2
Apricots			 	1	_	ī
SACCHARINE SU Chocolates		CES-				
Onocolates			 	1	-	1
MISCELLANEOU	s_				a lunar and	
Lime Juice					E E E E E	and lot
Lemon Squa	sh		 	1	-	1
Lemon Powe	lers		 	2 1	1 10 10 10	2
area a cont			 ••	1		1
			-	97	1	98

REGISTER OF SANITARY WORK Month ending 31st August, 1902.

PUBLIC HEALTH DEPARTMENT.

		I	Diștric	t Insp	ector	s .	-			1 1		
		Mr. J. Hodgss, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J Andrews, No.3. District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total,
Publ	lie Health (London) Act.							-	1		1	
	(Dwelling Houses, &c	33	26	37	35	17						148
	Tenements	48		5,0	29	21						148
	Underground Dwellings	10		15	4	7						36
	Dairies, Milk Shops, Cow Houses	2	1	1	1	3						8
	Slaughter Houses	2	2			1						5
oñ	Yards, Stables, and Mews	20	13	35	26	15						109
tion	Smoke Shafts										2	2
Inspections.	Offensive Trades and Effluvia Businesses										1	1
	Refuse Receptacles	8	9	5	15	7						44
	Enquiries re non-removal of refuse	16	13	20	5	11						65
	Removal of Bodies to Mortuary											
	Visits to Works in Progress	220	39	150	230	26					7	672
	Miscellaneous Inspections	130	50	120	140	49				30	3	522
UNW	HOLESOME FOOD.						10					
Ν	Number of seizures made											
INFE	CTIOUS DISEASE :											
C	Cases Isolated	4	3	2	1	- 1						11
Ċ	ases removed to Hospital	25	16	6	8	19						74
Б	Rooms Disinfected	57	30	23	12	30						152
NEW	DRAINAGE :											
N	umber of Plans Passed	12	6	12	9	7						46
N	lew Pipe Drains (feet)	976	843	1368	980	764						4931
Н	Iouses where defects in existing Drainage have been detected and remedied	7	6	12	4	3					•••	32

REGISTER OF SANITARY WORK Month Ending 31st August, 1902.

PUBLIC HEALTH DEPARTMENT.

		Distri	ict Ins	pector	1	1	1	1.		
	Mr. J. Hodges,	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, . No. 5 District.			Mr. R. Phillips, Special Duties,	Miss F. A. Baker.	Total.
Factory and Workshop Act.						1.0		1		
Enquiries as to Occupation						 		43		43
Periodical Inspections :										
Factories						 		2		2
Workshops						 		29	16	45
Bakehouses						 		10		10
Restaurants, &c						 		15		15
Homeworkers' Premises						 		19	41	60
Domestic Workshops						 	·	10		10
							1			
Food and Drugs Act.				1.01						
ADULTERATION.										
Samples collected for Analysis			7			 				7
Correspondence, Legal Procedure &c.	e,									
Complaints received	. 5	9	13	23	19	 		5	3	77
Letters and Intimations relating t Abatement of Nuisances	01	10	35	19	7	 		2	5	102
Statutory Notices Served	. 4			1	5	 				10
Proceedings taken before Magistrates						 				
(1) Under Public Health Act			3			 				3
(2) " Factory & Workshop Ac	t					 	•			
(3) " Food & Drugs Act						 				
Reports made to Medical Officer of Health	21	18	12	35	26	 			10	122
	10.00			1000						

1

REGISTER OF SANITARY WORK Month ending 30th September, 1902.

PUBLIC HEALTH DEPARTMENT.

			1	Distric	t Insp	ector	s.					
			Mr. J. Hodgss, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No.3. District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.			Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total,
Pub	lic Health (London) Act.											
	/ Dwelling Houses, &c		8	36	37	6	34		 			121
	Tenements		20		50	10	36		 			116
	Underground Dwellings				15		19		 			34
	Dairies, Milk Shops, Cow Hor	uses	2	1	3	1	5		 		1	13
	Slaughter Houses		2	3	3		2		 			10
iń	Yards, Stables, and Mews		12	8	35	30	29		 			114
tion	Smoke Shafts								 	4	2	6
Inspections.	Offensive Trades and Effly Businesses	avia							 	2	1	3
Г	Refuse Receptacles		4	13	6	3	9		 	2	1	38
	Enquiries re non-removal of rel	fuse		5	12		4		 		2	23
	Removal of Bodies to Mortuar	y							 			
	Visits to Works in Progress		140	320	250	120	312		 	29	3	1174
	Miscellaneous Inspections		108	116	150	110	132		 	36	45	697
UNV	HOLESOME FOOD.											
1	Number of seizures made					1			 			1
INFI	ECTIOUS DISEASE :											
(Cases Isolated			1					 			1
(Cases removed to Hospital		3	24	14	6	20		 			67
I	Rooms Disinfected		8	32	14	7	34		 			95
								14				
	DRAINAGE :— Jumber of Plans Passed		8	10	6	4	13					41
		•••				1			 			
	Vew Pipe Drains (feet)		750	1026	400	96	1146		 	•••		3468
ł	Iouses where defects in exis Drainage have been detected remedied		9	8	20		11		 			48

REGISTER OF SANITARY WORK Month Ending 50th September, 1902.

PUBLIC HEALTH DEPARTMENT.

		Distri	et Ins	pector	'S.			1	1		
	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. W. Yeo, No. 5 District.	-			Mr. R. Phillips, Special Duties,	Miss F. A. Baker.	Total.
Factory and Workshop Act.							1000				1009
Enquiries as to Occupation									49	4	53
Periodical Inspections : -											
Factories									10	3	13
Workshops									73	54	127
Bakehouses									20		20
Restaurants, &c									15	1	16
Homeworkers' Premises									39	12	51
Domestic Workshops									19	5	24
Food and Drugs Act.											
ADULTERATION.											
Samples collected for Analysis	6	15	23	14	24						82
Correspondence, Legal Procedure, &c.											
Complaints received	10	12	13	6	16				4	2	63
Letters and Intimations relating to Abatement of Nuisances	25	32	30	5	19					7	118
Statutory Notices Served			3		7						10
Proceedings taken before Magistrates											
(1) Under Public Health Act			1								1
(2) " Factory & Workshop Act											
(3) " Food & Drugs Act "			1								1
Reports made to Medical Officer of Health	10	26	30	12	51				29	26	184
						10.0		1			

REGISTER OF SANITARY WORK QUARTER ENDING 30TH SEPTEMBER, 1902. PUBLIC HEALTH DEPARTMENT.

		I	Distric	t Ins	pector	8.		1				
			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. W. Yeo, No. 5 District.		-	Mr. R. Phillips, Special Duties,	Miss L. M. O'Kell.	Total.
Pub	lic Health (London) Act.											
	Dwelling Houses, &c		77	96	100	66	77	 		5		416
	Tenements		108		136	82	68	 				394
	Underground Dwellings		16		40	12	33	 				101
	Dairies, Milk Shops, Cow Hor	ISes	6	3	9	6	11	 		11	1	47
	Slaughter Houses		6	7	3	1	3	 				20
35.	Yards, Stables, and Mews		53	40	90	96	51	 		10		340
ction	Smoke Shafts							 		21	2	23
Inspections.	Offensive Trades and Efflu Businesses					2				2		-
	Pofnas Desenteslas				17	28		 		2	1	5
	Enquiries re non-removal of ref			23	35	13	15	 			1 5	124 113
	Removal of Bodies to Mortuary							 				Light
	Visits to Works in progress							 		60	23	2748
	Miscellaneous Inspections						294	 		93	97	1720
	\ \		001					 		00		1120
UNW	HOLESOME FOOD.											
1	Number of seizures made							 				
INFI	CTIOUS DISEASE :											
(Cases Isolated		6	7	5	2	1	 				21
(Cases Removed to Hospital		53	67	29	35	49	 				233
1	Rooms Disinfected		103	110	47	61	83	 				404
AUTOT	DD I DU LOB						4.9			in and		
	DRAINAGE :			-	-					199		
	Number of Plans Passed		28	23	20	25	33	 				129
	New Pipe Drains (feet)		3086	5197	1968	2282	3336	 				13869
1	Iouses where defects in exist Drainage have been detected : remedied		24	23	38	12	21	 ·		5		123

REGISTER OF SANITARY WORK QUARTER ENDING SEPTEMBER 30TH, 1902. PUBLIC HEALTH DEPARTMENT.

	1 1	Distai	et Inc	pector	na	 1	1	1	1	
	Mr. J. Hodges, No. 1 District,	Mr. A. Perry, No. 2 District.	J. Andrews District.	Mr. T. Gorniot, No. 4 District.	Yeo, District.			Mr. R. Phillips, Special Duties.	Miss L. M. O'Kell,	Total.
		-					1			
Factory and Workshop Act.										a strate
Enquiries as to Occupation						 		92	15	107
Periodical Inspections :										
Factories						 		12	3	15
Workshops						 		137	373	510
Bakehouses	1					 		47		48
Restaurants, &c						 		50	1	51
Homeworkers' Premises						 		67	136	203
Domestic Workshops						 		29	13	42
Food and Drugs Act.										
ADULTERATION.										
Samples collected for Analysis	6	15	30	16	24	 				91
Correspondence, Legal Procedure, &c.										
Complaints received	28	29	52	59	61			10		
Letters and Intimations relating to			01	00	01	 		16	15	260
Abatement of Nuisances	70	57	87	60	35	 		7	25	341
Statutory Notices Served	4		5	7	19	 ••••				35
Proceedings taken before Magistrates						 				
(1) Under Public Health Act			4			 				4
(2) "Factory & Workshop Act						 				
(3) " Food & Drugs Act			1			 				1
Reports made to Medical Officer of Health	63	74	51	110	143	 		53	64	558
									200	


SANITARY CHRONICLES OF THE NOVOLUTION OF THE NOVOLUTION OF THE DOROUGH OF ST. MARYLEDONE DURING OCTOBER, 1902.

THE

SURO

BY ALEXANDER WYNTER BLYTH,

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

PUBLIC HEALTH DEPARTMENT, 3, UPPER GLOUCESTER PLACE, ST. MARYLEBONE, NOVEMBER 7TH, 1902. No. 9.

The week ending October 4th was dull and of moderate temperature. Lowest temperature, 41-0°; mean, 43.4°; highest, 59.0°. On three days rain fell 0.11 inch Winds NE. Sunshine 1.6 per cent. Mean barometer, 30.0 inches.

The week ending October 11th was almost rainless. Minimum temperature, 44.8°; maximum, 57.5°; mean, 53.8°. On one day rain fell 0.07 inch. Winds ENE and NNE. Sunshine only 6 per cent. Mean barometer, 29.6 inches.

The week ending October 18th was brighter. Minimum temperature, 40.5°; maximum, 60.5°; mean, 52.3°. On two days rain fell 0.55 inch. Winds SW and WNW. Sunshine 24 per cent. Mean barometer, 29.7 inches.

The week ending October 25th was dull and unsettled. Minimum temperature, 35.0° ; maximum, 59.0° ; mean, 51.8° . On three days rain fell 0.18 inch. Winds westerly. Mean barometer, 30.1 inches.

The week ending November 1st was dry and dull, with some fog. Minimum temperature, 35.0°; maximum, 57.7°; mean, 49.9°. On two days slight rain fell 0.06 inch. Sunshine, 15 per cent. Winds variable. Mean barometer, 29.9 inches.

Births and Deaths.

During the five weeks ending November 1st there have been registered 271 births and 231 deaths. These births and deaths are divided among the five sub-districts as set forth in Table III. Seventy-eight of the deaths were extra-parochial, as follows :--

St. Marylebone Infirmary, Notting Hill			43
North-Western Fever Hospital			5
London Fever Hospital			1
Guy's Hospital			1
University Hospital			1
Children's Hospital, Paddington			2
Paddington Infirmary			1
", Workhouse			1 .
St. Mary's Hospital			6
Lying-in-Hospital, Endell Street			1
Italian Hospital	·		_ 1
London Temperance Hospital			- 1
Friedenheim			2
Middlesex Asylum			1
Claybury Asylum			4
Hanwell Asylum			2
Hoxton House Asylum			1
Dartford County Asylum			2
Colney Hatch Asylum			1
In Streets			1
			1 50
		Tota	1 78

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

All Souls, birth-rate 12.3; death-rate 15.3. Rectory, birth-rate 20.4; death-rate 12.6. St. Mary, birth-rate 23.6; death-rate 21.3. Christ Church, birth-rate 30.0; death-rate 20.8. St. John, birth-rate 17.8; death-rate 19.9. The whole district, birth-rate 21.1; death-rate 18.0.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows:—All Souls, 12·3; Rectory, 16·2; St. Mary, 13·1; Christ Church, 15·7; St. John, 16·8; the whole district, 14·7.

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:

		Total Deaths. 5 weeks ending Nov. 1st, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Nov. 1, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1896-1901.
1. 2. 3.	Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular	$\begin{array}{c} 26\\51\\26\end{array}$	$114 \\ 222 \\ 114$	$2.02 \\ 3.98 \\ 2.02$	2.12 2.55 1.91

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.

Zymotic diseases generally have diminished; scarlet fever in particular (see curve opposite page 122,) which during September threatened to become epidemic, has now decreased below the average.

Small-pox is still absent. A single case which was reported and sent to Hospital turned out to be Chicken Pox.

Notification of Chicken Pox.

A communication was sent from the Borough Council on the recommendation of the Public Health Committee, suggesting that the compulsory notification of Chicken Pox was no longer necessary, seeing that the epidemic of Smallpox had subsided. The London County Council have, however, not acceded to this suggestion, but have extended the period for the notification of Chicken Pox for a further period of two months.

TABLE I.

TABLE II.—Giving the Causes of Deaths during the five Weeks ending November 1st, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte'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	
Erysipelas	3				1	
Pneumonia and Pleurisy	2				î	
Pyæmia		***				
Synhilia						
Syphilis						
Cancer Phthisis & Tuberculosis	1					
	1				6	2
Rheumatism						
Apoplexy					1	
Paralysis					4	
Bronchitis	1				- 5	
Asthma						
Peritonitis						·
Disease of Brain						
" Heart	. 3	1		1	3	
" Kidney						
" Liver						
" Uterus						
" Ovary						
Parturition						
Diabetes						
Fractures and Injuries						
Old Age					5	
Low Vitality, Infants						
Premature Birth						
Other causes	10	2	1	5	13	1
Total	*31	} 3	**1	6	43	\$3

* Of the 31 deaths in the Middlesex Hospital, 24 were those of non-parishioners.

[†] The 3 deaths in Queen Charlotte's Hospital were those of non-parishioners; 2 were Infants.

‡ The 3 deaths in St. John's Hospital were those of non-parishioners.

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



CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE. OCTOBER.



1902.



TABLE	III.	-DIST	RICT 1	BIRTHS	AND	De.	ATHS	FOR	THE
	FIVE	WEEKS	ENDING	NOVEN	IBER	1зт,	1902.		

	Population	Bii	ths.	Deat	ths.
	in 1901.	Males.	Fmls.	Males	Fmls.
Ill Souls	35,391	20	22	24	28
Rectory	19,849	19	20	15	9
Invite Observed	18,099	18	23	15	22
t John	39,536	62	52	38	41
	20,426	21	14	9	30
Total	133,301	140	131	101	130

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.

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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, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	, ,												
	(a)	ALL SOULS		RECTORY		Sr. MARY		CRRIST CHURCH		Sr. Jours		Totals	
Population AT ALL AGES.	(b) Census 1901	35,3	191	19,	849	18,0		39,1		20,4		133,:	
(c) 1	Registered Births		42		39		41		114		35		271
(d) 4	Aged under 5 or over 5.	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	ā upwards	Under 5	5 upwards	Under 5	5 upwards
	1. Chicken Pox .	1	3	2	1	1	1	5	5	5	4	14	14
ITY ITY	2. Smallpox												
LOCALITY MEDICAL	3. Scarlatina .	4	4	4	5			2	6	7	12	17	27
R L	4. Diphtheria	2	3		÷	2		1	4	4	11	9	18
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	5. Membranous Croup												
ESS LED6 F H	6. Typhus						**				`		
ICKN NOWI CER 0	7. Enteric or Typhoic		1		2		8		2	1	2	1	10
N R R R	8. Continued										••		
NEW CASES OF COMING TO THE OFF	9. Relapsing											**	••
CAS NG	\10. Puerperal		1		••				••	•••		••	1
NEW	11.Cholera									••	••		
40	12. Erysipelas	••	3		6		1		8	••			18
	/I. Smallpox			1									
THE	2. Scarlatina	4	4	4	5			2	6	7	11	17 .	26
ROM OR T LS.	3. Diphtheria .	2	3			1	1	1 .	3	4	9	8	16
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMESIN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.	4. Membranous Croup												
REM CAL	(5. Typhus .									12	••		
CASES BAL LC DLATIO	6. Enteric or Typhoid		1		2		3		1	1	1	1	8
SEVE SEVE	Typhoid 7, Continued						1		••				
F SU HE S	8. Relapsing								••				••
ER O IN T MEN	9. Puerperal										••		
NES	10. Cholera												•••
NI	(11. Erysipelas				5								15
					_								

	1	Death		hole ned A		ct at		D		in Lo all Ag	caliti (es).	es	ublic ns.
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and	65 and up- wards.	ALL SOULS.	RECTORY.	Sr. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Public Institutions.
Smallpox													
Measles									. :				
Scarlet Fever	3		3				.!		1			2	3
Whooping Cough	2		2								1	1	
Diphtheria and Mem; branous Croup	3	·	3		1			1		2		••	3
Croup			•••	•••		•••	**		• •			**	
Enteric			••			••							
Pr. I	2			••	1	1	**	••	••	1	1		1
(Other continued .						•••							
Epidemic Influenza	2	1	••		1		**	1	1	••	•••		
Cholera	••	••	••	••			••				••		**
Plague			••		••					••	••		
Diarrhœa	12	7	3	••		1	1	2		2	6	2	4
Enteritis	2	2	* *					1.1	••	**	2	••	
Puerperal Fever									••				
Erysipelas				• •							• •		
Other Septic Diseases	3	4.4			•••	3		1	1		1		1
Phthisis	19	••	1		5	11	2	7	2	3	5	2	7
Other Tubercular	7	3	2	[1	1.11	. 1		1			3	3	4
Diseases Cancer, Malignant	16				1	10	6	6	3	3	- 2	2	14
Bronchitis	20	2	3	1		5	9	5	1	8	6		7
Pneumonia	28	4	5		1	16	2	9	2	_3	11	3	11
Pleurisy	1					1			1				1
Other Diseases of Respiratory Organs	2					1	1		1			1	
Alcoholism Cirrhosis of Liver }	1	••				1						1	
Venereal Diseases													
Premature Birth	6	6							3			3	1
Diseases and Accidents													
of Parturition Heart Diseases	22	1		1		13	7	6	2	3	8	3	10
Accidents	4	3				1					2	2	1
Suicides	1				1			1					
All other causes	75	13	2	1	2	20	28	12	6	12	31	14	47
All causes	231	42	24	4	11	94	56	52	24	37	79	39	115

TABLE V.—Causes of, and Ages at, Death during the 5 weeks ending November 1st, 1902, in the Borough of St. Marylebone.

REGISTER OF SANITARY WORK Month Ending 31st October, 1902.

· PUBLIC HEALTH DEPARTMENT.

		1	Distric	et Insp	pector	8.		1	1	1		
		Mr. J. Hodgss, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J Andrews, No.3, District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total,
Publ	lie Health (London) Ac.					1				-		
	/Dwelling Houses, &c	. 35	38	45	33	26						177
	Tenements	. 54	12	56	60	41						223
	Underground Dwellings	. 12		25	8	14						59
	Dairies, Milk Shops, Cow Houses	6	7	6	1	5	1.					25
	Slaughter Houses	. 2	3	3		3						11
ŵ	Yards, Stables, and Mews	30	21	25	45	39					1	161
tion	Smoke Shafts									3	2	5
Inspections.	Offensive Trades and Effluvia Businesses									1		1
1 .	Refuse Receptacles	10	6	7	8	9					1	41
	Enquiries re non-removal of refuse		5	12	5	3					2	33
	Removal of Bodies to Mortuary		1									1
		1 and	272	230		267				38	11	1348
	Miscellaneous Inspections .	206	186	175	250	184				40	70	1111
UNW	HOLESOME FOOD.											
N	Sumber of seizures made			2	2							
	ECTIOUS DISEASE :											
	Cases Isolated		2		1	1	•••	***			••••	5
	Cases removed to Hospital		16	7	19	11					•••	72
ł	Rooms Disinfected	26	25	10	24	19	•••					104
NEW	DRAINAGE :											
1	Number of Plans Passed	7	6	3	6	7					1	30
N	New Pipe Drains (feet)	980	964	250	970	1266				30		4460
ł	Iouses where defects in existing											
	Drainage have been detected and remedied	0	9	10	8	7				1	1	45

REGISTER OF SANITARY WORK Month ending 31st October, 1902.

PUBLIC HEALTH DEPARTMENT.

	1	Distric	t Ins	pector	·s.		1	1		
	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. W. Yeo, No. 5 District			Mr. R. Phillips, Special Duties.	MISS F. A. Baker.	Total.
Factory and Workshop Act.										
Enquiries as to Occupation						 		76	4	80
Periodical Inspections : -										
Factories						 		9	1	10
Workshops						 		86	102	188
Bakehouses						 		65	3	68
Restaurants, &c						 		5		5
Homeworkers' Premises						 		63	85	148
Domestic Workshops						 		10	2	12
Food and Drugs Act. ADULTERATION. Samples collected for Analysis	25	9	15	13						62
Correspondence, Legal Procedure, &c.				10		 				02
Complaints received	6	5	15	16	8	 		4	5	59
Letters and Intimations relating to Abatement of Nuisances	30	15	33	25	14	 		3	14	134
Statutory Notices Served				9		 		1		- 10
Proceedings taken before Magistrates						 				
(1) Under Public Health Act						 				
(2) " Factory & Workshop Act	••					 				
(3) " Food & Drugs Act						 				
Reports made to Medical Officer of Healtl	32	30	30	56	49	 		23	26	246
			-							

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THE

SANITARY CHRONICLES

OF THE

BOROUGH OF ST. MARYLEBONE DURING NOVEMBER, 1902.

OF SURGED

BY ALEXANDER WYNTER BLYTH,

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

PUBLIC HEALTH DEPARTMENT, 3, UPPER GLOUCESTER PLACE, ST. MARYLEBONE, DECEMBER 5TH, 1902. No. 10.

The week ending November 8th was fairly dry and somewhat foggy. Minimum temperature, 40-0°; maximum, 58.5°; mean, 50.9°. Winds ESE and SSW. On two days slight rain fell (0.15 inch.) Sunshine 12.75 hours out of a possible 66 hours. Mean barometer, 29.7 inches.

The week ending November 15th was dry and overcast, but fairly free from fog. Minimum temperature, 36.0°; maximum, 54.5°; mean. 49.1°. Winds SE. On one day only slight rain fell (0.02 inch.) Sunshine registered in Regent's Park only 8.9 hours. Mean barometer, 29.9 inches.

The week ending November 22nd was dry and cold. Minimum temperature, 29.0° ; maximum, 46.0° ; mean, 38.2° . Winds E and NE. On one day slight rain fell (0.02 inch.) Sunshine only 5.5 hours out of a possible 60.7. Mean barometer, 30.1 inches.

The week ending November 29th was overcast and wet. Minimum temperature, 36.5°; maximum, 50.8°; mean, 47.8°. Winds SE and SW. On five days rain fell (0.83 inch.) Sunshine only 1.4 hour. Mean barometer, 29.4 inches.

Births and Deaths.

During the four weeks ending November 29th there have been registered 246 births and 184 deaths. These births and deaths are divided among the five sub-districts as set forth in Table III. Sixty-five of the deaths were extra-parochial, as follows :--

St. Marylebone Infirmary, Notting Hill	 	44
St. Mary's Hospital	 	8
St. George's Hospital	 	2
University Hospital	 	1
St. Bartholomew's Hospital	 	2
Westminster Hospital	 	1
Royal Free Hospital	 	1
Children's Hospital, Paddington	 	1
London Temperance Hospital	 	1
London Hospital	 	1
Hoxton House Asylum	 	1
In Streets	 	2
	Total	65

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

All Souls, birth-rate 16.9; death-rate 10.6.

Rectory, birth-rate 17.7; death-rate 18.3.

St. Mary, birth-rate 22.3; death-rate 17.9.

Christ Church, birth-rate 36.5; death-rate 20.7.

St. John, birth-rate 22.3; death-rate 24.8.

The whole district, birth-rate 24.0; death-rate 17.9.

The average death-rates for five years (1896 to 1901) for the corresponding period were as follows:—All Souls, 13.0; Rectory, 21.6; St. Mary, 18.6; Christ Church, 16.5; St. John, 18.9; the whole district, 17.0.

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 29TH, 1902, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:--

	Total Deaths. 4 weeks ending Nov. 29th, 1902.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending Nov. 29, 1902.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1896-1901.
 Deaths from the chief Zymotic Diseases Pulmonary, other than Phthisis Tubercular 	8	43 217 157	0.78 3.90 2.83	1.59 3.96 2.11

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 curve opposite page 134 shows that with the exception of a local burst of scarlet fever in the second week of November, zymotic diseases generally have been below the average. The mortality from zymotic diseases has been remarkably low; it may be also noted that during the past five years the mortality from this cause in November, has progressively diminished; in 1897 there were 28 deaths; in 1898, 22; in 1899, 15; in 1900, 16; in 1901, 9; while the present November only yields 8.

The district still keeps free from smallpox, and it may be now predicted with more confidence, that there is not likely to be a recurrence of the malady in an epidemic form during 1903.

Underground Bakehouses.

The Factory and Workshop Act of 1901, requires that after January 1st, 1904, no Underground Bakehouse shall be used unless certified by the Borough Council that it is suitable as regards—

- 1. Construction
- 2. Light
- 3. Ventilation
- 4. In all other respects.

The question of bakehouses and inhabited kitchens has been somewhat prejudiced by the misleading use of the word "underground;" the common meaning of the term is obviously "subterranean" like sewers, mines, tube railways, or catacombs, whereas the Statute by the term "Underground" simply means basements, similar to the majority of London kitchens, the floor of which is more than three feet below the level of the adjacent footway.

Although it is more than 12 months before the special enactments come into force, yet it is not only a matter of convenience, but of justice to the various bakers of the Borough to decide as soon as practicable what, if any, bakehouses are unfit to certify, and if any are unfit whether structural alterations can be made so as to bring them up to the standard of those which may be permitted to continue.

This important matter was discussed at a recent meeting of the Health Committee, and the Committee adopted the writer's suggestion that the underground bakehouses should be specially inspected during the first quarter of 1903, and that each case should be considered on its merits.

The bakehouses in Marylebone are decreasing; 12 bakehouses were not in use on August 17th, 1901. and, by Statute, an underground bakehouse not in use at that date can no o nger be used as a bakehouse. In about two years the leases of a good many oldfashioned bakehouses fall in and the premises will be pulled down and re-built ; these bakehouses will also disappear.

At the present moment there are 94 bakehouses, 12 being above ground and 82 below the level of the street. Hence the majority of the bakers in the Borough will be affected by the provisions of the Statute. TABLE II.-Giving the Causes of Deaths during the four Weeks ending November 29th, 1902, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John & Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital	Queen Char- lotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St.John & Elizabeth Grove Rd.
Smallpox						-
Influenza			,			
Scarlet Fever						
Diphtheria						
Typhoid Fever				'		
Diarrhose	1					
Diarrhœa						
Erysipelas						
Pneumonia and Pleurisy	3					
Pyæmia						
Syphilis					2	
Jancer	18	1			1	
Phthisis & Tuberculosis	3				16	1
Rheumatism						-
Apoplexy						
Paralysis						
Bronchitis	1				4	
Asthma					8	
Peritonitis						
Disease of Brain						
,, Heart	4				3	1
", Kidney			***			
" Liver	2					
" Uterus						
,, Ovary						
Parturition						
Diabetes						
Fractures and Injuries	1					
Old Age						
low Vitality, Infants						
Promoture Disth						
Premature Birth						
Other causes	5	2		5	10	2
Total	*38	†2	_	5	44	‡ 4

* Of the 38 deaths in the Middlesex Hospital, 32 were those of non-parishioners.

† The 2 deaths in Queen Charlotte's Hospital were infants of non-parishioners.

‡ The 4 deaths in St. John's Hospital were those of non-parishioners.



NOVEMBER. Month. JANUARY. FEBRUARY MARCH. APRIL. AUGUST. SEPTEMBER. OCTOBER. NOVEMBER. DECEMBER. MAY. JUNE. JULY. 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 38 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 Week. 40 35 30 35 20

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER & SMALLPOX DURING 1902, AS COMPARED WITH A FIVE YEARS' AVERAGE

1902.

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TABLE II	I.—DISTRICT	BIRTHS	AND	DEAT	HS FOR	THE
FOUR	WEEKS END	ING NOVE	MBER	29тн,	1902.	

	Population in 1901,	Bir	ths.	Deaths.	
		Males.	Fmls.	Males	Fmls.
All Souls Rectory St. Mary	35,391 19,849	$\begin{array}{c} 24 \\ 14 \end{array}$	21 13	$ 12 \\ 15 $	17 13
St. Mary Christ Church St. John	18,099 39,536	15 54	16 54	17 39	8 24
	20,426		18	19	20
Total	133,301	124	122	102	82

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.

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 November, 1902; classified according to DISEASES, AGES, AND LOCALITIES.

	(a)			RECTORY		Sr. MARY		CHRIST CHUNCH		ST. JOHN		Totals	
NOLLY (b) Census 1901 (c) Registered Births		35,391 45		19,849 27		18,00931		39,536 108		20,426		133,301 246	
(d)	Aged under 5 or over 5,	Under 5	õ upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwerds	Under 5	õ upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	 Chicken Pox Smallpox Scarlatina Diphtheria Membranous Croup Typhoid Continued Relapsing Puerperal Cholera Erysipelas 	1 3 2 	 7 3 1 2	4 2 2	7 7 1 2 8	1 	1 4 1 2		4 4 1 2 6	2 4 2 1 	··· 5 3 ··· 1 ··· 1 ··· 8	19 10 7 1 	12 27 8 7 7 21
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREAT- MENT IN ISOLATION HOSPITALS.		· · · · · · · · · · · · · · · · · · ·		··· 2 2 ··· ·· ···	······································	··· ··· ··· ···	······································	··· 1 1 1 ··· ·· ···	··· 4 1 ··· 1 ·· 1 ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··		·· 5 1 ·· 1 ·· 	··· 10 5 1 ··· ·· ·· ·· ·· ··	··· 23 6 ··· 5 ·· 7

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TABLE V.—Causes of, and Ages at, Death during the 4 weeks ending November 29th, 1902, in the Borough of St. Marylebone.

		Death	ns in v subjo			D	es	in Public					
CAUSES OF DEATH.	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.	ALL SOURS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.	Deaths in Publ Institutions
Smallpox													
Measles													
Scarlet Fever													
Whooping Cough	1		1								1		
Diphtheria and Mem- branous Croup													
Croup								••					
g (Typhus	••						•••						
Enteric		•••											1
(Other continued													
Epidemic Influenza	2						2		1		1		
Cholera		•••						·					
Plague													
Diarrhœa 🛛 🧠	3	2					1	2		1			
Enteritis	1	1								1			2
Puerperal Fever	1					1			1				
Erysipelas													
Other Septic Diseases													2
Phthisis	24				2	22		4	2	4	9	5	20
Other Tubercular	5	2	1	1		1		2	1	1	1		4
Diseases Cancer, Malignant Disease	9					4	5	1	2	1	2	3	25
Bronchitis	28	9	2			5	12	5	1	3	15	4	3
Pneumonia	12	- 5	2			3	2	4	1	2	5		3
Pleurisy													
Other Diseases of Respiratory Organs Alcoholism		••											
Cirrhosis of Liver }	3	••.				1	2		1	1		1	3
Venereal Diseases	2	1	1								1	1	
Premature Birth	4	4						. 1	2		1		2
Diseases and Accidents	1				1			1					3
of Parturition Heart Diseases	18					14	4	3	3	1	5	6	10
Accidents	7	1	2		1	2	1			1	5	1	5
Suicides	1					1						1	
All other causes	62	10	6		1	20	25	6	13	9	17	17	24
All causes	184	35	15	1	5	74	54	29	28	25	63	39	107

REGISTER OF SANITARY WORK Month Ending 30th November, 1902.

PUBLIC HEALTH DEPARTMENT.

			1	Distric	t Insp	ector	8.				
			Mr. J. Hodgss, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No.3. District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.		Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
Publ	ic Health (London) Act										
	/Dwelling Houses, &c		40	38	35	30	22	 	 	4	169
	Tenements		36		45	23	31	 	 		135
	Underground Dwellings		12		21	6	17	 	 ·		56
	Dairies, Milk Shops, Cow H	ouses	10	6	6	2	12	 	 		36
	Slaughter Houses		2	1			1	 	 		4
	Yards, Stables, and Mews		20	12	30	40	47	 	 	• • • • •	149
tions	Smoke Shafts							 	 7	3	10
Inspections.	DECENCE OF THE	fluvia [°]							Sugar		
In	Businesses				6			 	 		49
	Refuse Receptacles			13	12	8	5	 	 	2	51
	Enquiries re non-removal of r		11					 	 		01
	Removal of Bodies to Mortua				250		211	 	 		1330
	Visits to Works in Progress					220	135	 	 39	74	864
	Miscellaneous Inspections		140	136	120	220	150	 	 00	1.2	604
	VHOLESOME FOOD.										
1	Number of seizures made	•••						 	 		
INFI	ECTIOUS DISEASE :								1		
(Cases Isolated			1		2	1	 	 		4
(Cases removed to Hospital		4	9	7	20	12	 	 		52
1	Rooms Disinfected	,	11	17	12	33	22	 	 		95
	DD HNH GT								•		
	DRAINAGE :		0			7	10		2		35
	Number of Plans Passed		6	6	4		10	 			4694
	New Pipe Drains (feet)			1328	340	320	1120	 	 		1001
1	Houses where defects in ex Drainage have been detecte remedied	d and	8	11	, 9	7	13	 	 		48

REGISTER OF SANITARY WORK Month Ending 30th November, 1902.

PUBLIC HEALTH DEPARTMENT.

		Distri	ct Ins	pector	:8.	1	1	1	1	1.	
	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. W. Yeo, No. 5 District.				Mr. R. Phillips, Special Duties,	Miss F. A. Baker.	Total.
Factory and Workshop Act.		-									
Enquiries as to Occupation									25	5	* 30
Periodical Inspections :									76		76
Factories									4	2	6
Workshops									53	142	195
Bakehouses									108	6	114
Restaurants, &c									18		18
Homeworkers' Premises									. 30	95	125
Domestic Workshops									12	3	15
Food and Drugs Act.											
ADULTERATION.								-			
Samples collected for Analysis	36	20	15	14	20						105
Correspondence, Legal Procedure &c.											
Complaints received	10	10	12	36	6				7	7	88
Letters and Intimations relating to Abatement of Nuisances	14	13	53	28					4.	8	113
Statutory Notices Served	4	1	1	9	9				1		25
Proceedings taken before Magistrates											
(1) Under Public Health Act	'										
(2) " Factory & Workshop Act											
(3) " Food & Drugs Act											
Reports made to Medical Officer of Health	33	31	30	45	47				34	9	229
				-							
									-		

















