

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

**Contributors**

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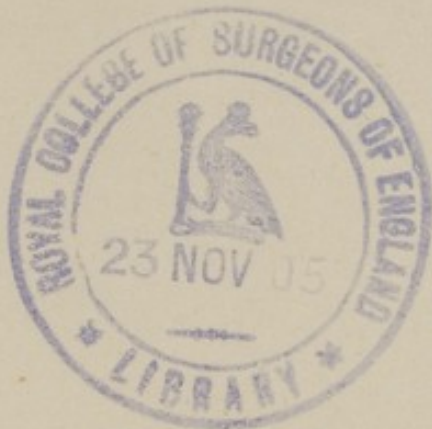
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THE  
SANITARY CHRONICLES  
OF  
St. Marylebone ;  
BEING THE  
ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH  
FOR THE YEAR 1904.



BY  
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## P R E F A C E .

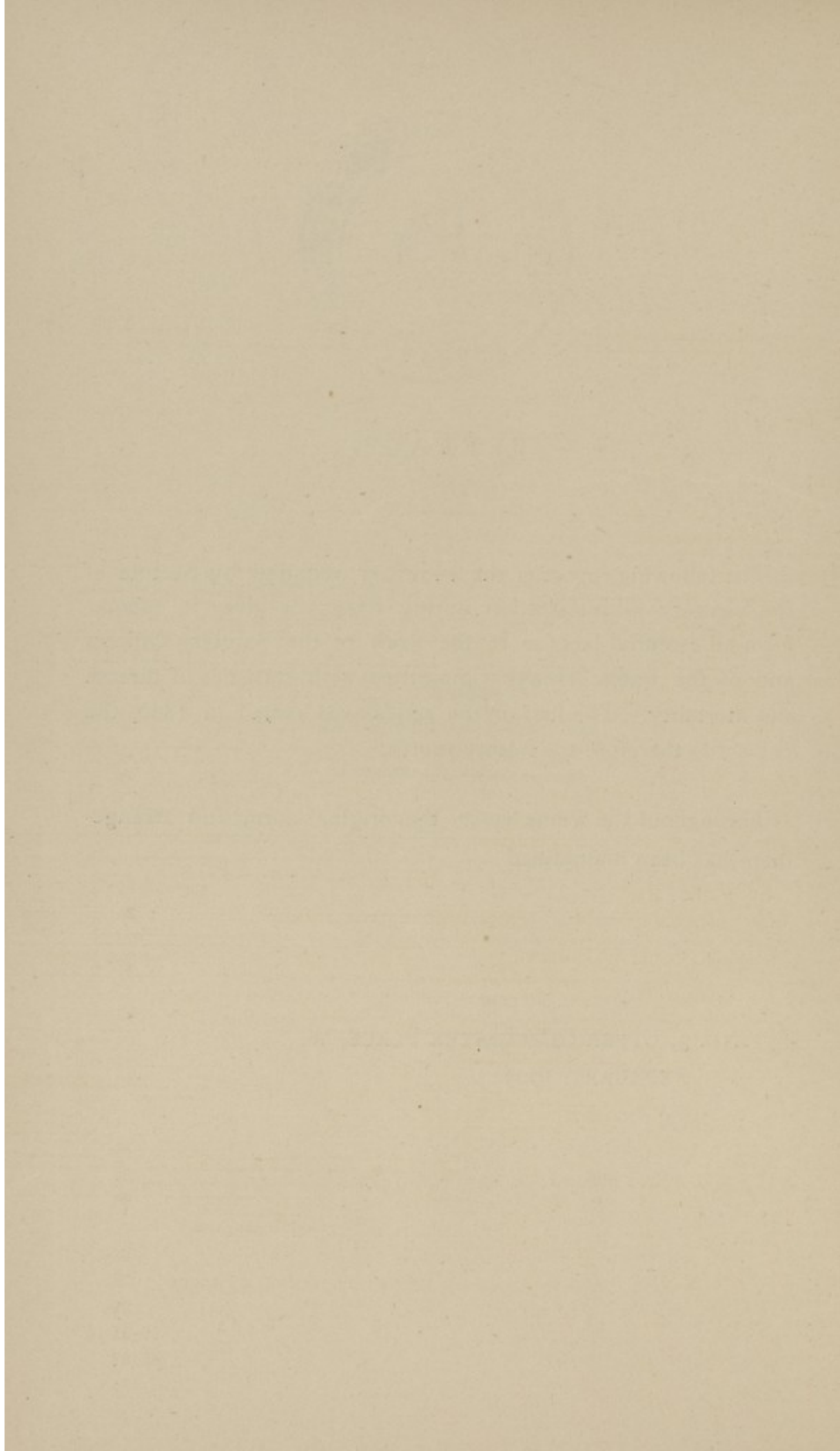
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The following report is the summary required by Statute of the Sanitary Administration during 1904. It gives in tabular form all essential facts as to the work of the Sanitary Officers and of the Public Health Committee with statistics of disease and mortality. The first of the series was issued in 1880, the present is therefore the twenty-fourth.

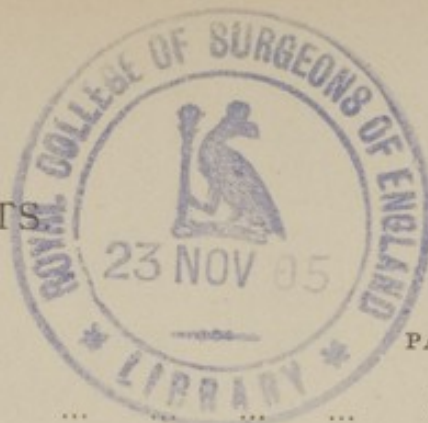
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FEBRUARY, 1905.





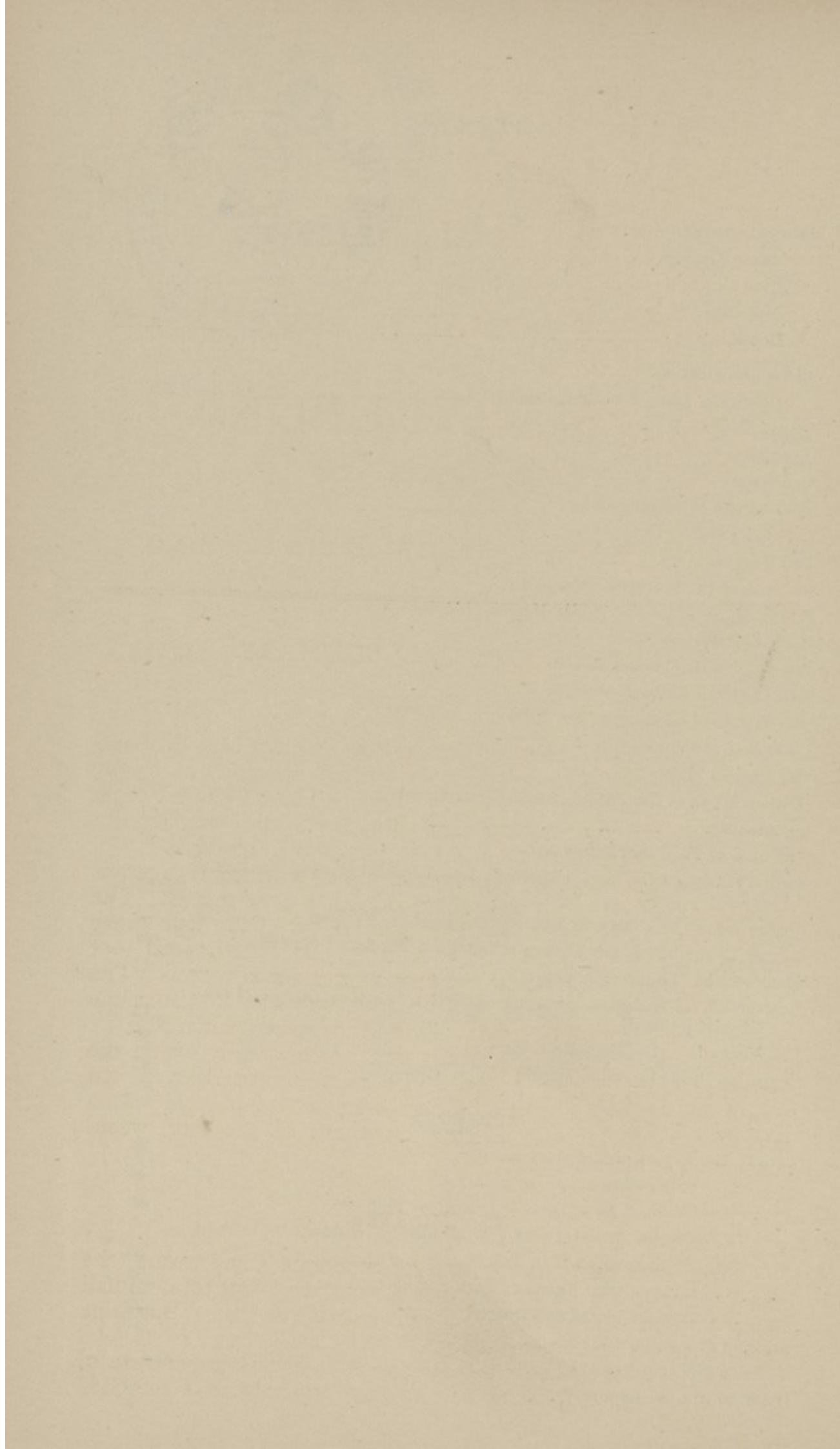
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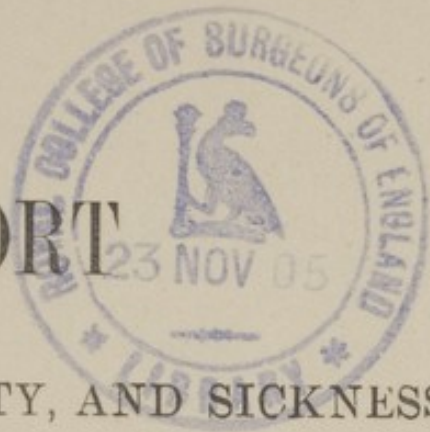
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A REPORT  
OF THE  
METEOROLOGY, MORTALITY, AND SICKNESS  
OF  
ST. MARYLEBONE  
FOR THE YEAR 1904.

BY A. WYNTER BLYTH.

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METEOROLOGICAL SUMMARY.

MARCH QUARTER.

The first two weeks of January were practically sunless. During the rest of the month from 5 to 19 per cent. of bright sunshine was registered in Regent's Park. There was very little frost or fog; the mean temperature was  $50^{\circ}$ . There were 20 rainy days giving a rainfall of 2.2 inches. Winds S.E. and S.W.

February opened with two weeks of wet weather; altogether 15 rainy days were recorded with a rainfall of 2.84 inches. The winds were mostly westerly. During three out of the four weeks the temperature was mild and seasonable, but a cold spell sent the temperature down below freezing point in the last week. The mean temperature of the whole month was  $40.0^{\circ}$ . Sunshine varied from 6 to 14.4 per cent. The winds were mostly N.E.

March was cooled by easterly and north-easterly winds, the mornings being mostly frosty. The mean temperature of the month was, however,  $43.4^{\circ}$ . There were 12 rainy days with a rainfall of 1.06 inch. During three out of the four weeks sunshine was almost absent.

JUNE QUARTER.

April was fairly sunny and of moderate temperature, the mean being  $50.2^{\circ}$ . There were 14 showery days, the total rainfall being 1.33 inch. Winds N.W. Frosts were absent. Sunshine varied from 24 to 40 per cent.

May was a fine spring month with a mean temperature of  $54^{\circ}$ , the second week being particularly bright with a recorded



sunshine of 53 per cent. There were 10 rainy days, giving a rainfall of 1.6 inch. The winds were mostly S.W.

June was sunny, with a recorded sunshine of from 30 to 44 per cent. The maximum temperature was  $78^{\circ}$  and the mean  $61.2^{\circ}$ . There were seven rainy days, giving a rainfall of only 0.84 inch. Winds W. and S.W.

#### SEPTEMBER QUARTER.

July—four out of the five weeks were warm and very bright, the sunshine ranging from 45 to 74 per cent., and the temperature attained a maximum of  $84.0^{\circ}$ , the mean temperature being  $69^{\circ}$ . The last week of July was stormy and unsettled, with thunder, lightning and heavy rain. There were nine rainy days giving a total rainfall of 1.91 inch. The prevailing winds were south-westerly.

August was bright and summery, but the heat was not oppressive, the extreme ranges being from  $48.5^{\circ}$  to  $87^{\circ}$  and the mean  $61.5^{\circ}$ . There were 8 rainy days yielding a total rainfall of 0.83 inch. The winds were variable. Bright sunshine ranged from 41 to 68.4 per cent.

September was also fairly fine. The temperature was between  $40.5^{\circ}$  and  $71.6^{\circ}$  with a mean of  $57.0^{\circ}$ . There were 12 rainy days giving a rainfall of 1.81 inch. The sunshine registered varied from 40 to 60 per cent.

#### DECEMBER QUARTER.

October.—The third and fourth weeks of October were more or less foggy. The temperature of the month was normal, the mean being  $65.6^{\circ}$ . There were 10 rainy days, the rainfall amounting to 1.27 inch. The winds were light and variable. The sunshine recorded during the fogless weeks, in Regent's Park, ranged from 11 to 28 %.

November.—The November weather was variable, the first week being gloomy, the second wet, the third cool, the fourth cold and wintry, with a slight fall of snow. The temperature oscillated between  $28^{\circ}$  and  $58^{\circ}$ , the mean being  $47.4^{\circ}$ . On 11 days rain fell, giving a rainfall of 1.67 inch. Sunshine was generally deficient.

December.—December was foggy, especially the last two weeks. There were altogether 12 foggy days, on at least 4 of which the fog was dense and general. The month was cool, most of the morning temperatures being from 1 to 3 degrees below zero; the mean temperature was  $41.5^{\circ}$ . On 15 days cold rain and slight snow fell, the rainfall being 1.74 inch. Bright sunshine was deficient, the sun being only transiently visible for a few days.

## BIRTHS AND DEATHS.

The number of births during the 53\* weeks ending December 31st, 1904, when all the essential corrections have been made was 2,791.

The number of deaths (corrected) of parishioners was 2,172.

This gives a birth-rate, of 20·2; a death-rate of 16·0 per thousand.

The birth and death-rates of the sub-districts during 1904 were as follows:—

	Birth-rate.	Death-rate.
All Souls ... ..	16·9	14·2
Rectory ... ..	15·8	12·8
St. Mary ... ..	22·8	16·4
Christ Church ... ..	26·8	18·8
St. John ... ..	19·0	16·7
The whole District ... ..	20·2	16·0

The following is a statement of the average birth and death-rates for the five previous years:—

	Birth-rate.	Death-rate.
All Souls ... ..	16·3	14·3
Rectory ... ..	20·2	19·3
St. Mary ... ..	23·4	17·6
Christ Church ... ..	28·6	20·3
St. John ... ..	21·3	18·1
The whole District ... ..	21·8	17·7

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

St. Marylebone Infirmary, Notting Hill	...	...	532
North-Western Fever Hospital	...	...	13
Western Fever Hospital	...	...	12
Northern Fever Hospital	...	...	1
St. Bartholomew's Hospital	...	...	5
St. Thomas's Hospital	...	...	2
Guy's Hospital	...	...	3
St. George's Hospital	...	...	4
University Hospital	...	...	24
Westminster Hospital	...	...	2
West London Hospital	...	...	1
Carried forward	...	...	599

\* A year containing exactly 52 weeks would consist of 364 days, hence every few years it is necessary to make a year of 53 weeks.



Brought forward ...	...	...	...	599
King's College Hospital ...	...	...	...	2
Charing Cross Hospital ...	...	...	...	5
St. Mary's Hospital ...	...	...	...	55
National Hospital ...	...	...	...	1
Great Northern Hospital ...	...	...	...	1
North West London Hospital ...	...	...	...	1
Children's Hospital, Paddington ...	...	...	...	18
Children's Hospital, Great Ormonde Street ...	...	...	...	9
Children's Hospital, East London ...	...	...	...	1
French Hospital ...	...	...	...	4
Italian Hospital ...	...	...	...	2
Hospital for Women ...	...	...	...	2
Home Hospital, Fitzroy Square ...	...	...	...	4
Brompton Hospital ...	...	...	...	2
London Temperance Hospital ...	...	...	...	6
City of London Lying-in Hospital ...	...	...	...	1
Lying-in Hospital, Endell Street ...	...	...	...	1
Hanwell Asylum ...	...	...	...	17
Banstead Asylum ...	...	...	...	3
Caterham Asylum ...	...	...	...	2
Claybury Asylum ...	...	...	...	6
Darenth Asylum ...	...	...	...	1
Tooting Bec Asylum ...	...	...	...	3
Cane Hill Asylum ...	...	...	...	3
Bethlem Asylum ...	...	...	...	1
Friern Barnet Asylum ...	...	...	...	4
Colney Hatch Asylum ...	...	...	...	10
Leavesden Asylum ...	...	...	...	5
Hoxton House Asylum ...	...	...	...	1
Manor Asylum, Epsom ...	...	...	...	1
Middlesex Asylum ...	...	...	...	1
City of London Asylum ...	...	...	...	1
London County Asylum, Ilford ...	...	...	...	4
London County Asylum, Norwood ...	...	...	...	3
St. Luke's Home ...	...	...	...	2
St. James' Home, Stoke Newington ...	...	...	...	1
Royal Hospital for Incurables ...	...	...	...	1
Miller Hospital ...	...	...	...	1
Heart Hospital, Soho ...	...	...	...	1
St. Giles Workhouse ...	...	...	...	1
St. Pancras Infirmary ...	...	...	...	7
Central London Sick Asylum ...	...	...	...	3
Friedenheim ...	...	...	...	5
Various Homes and other addresses ...	...	...	...	19
Drowned in the Thames, the Serpentine, and canals ...	...	...	...	4

## SCARLET FEVER.

Scarlet Fever was, in comparison with former years, low; instead of from 400 to 800, only 296 cases were notified; of these, 10 died, giving a case mortality of 3.37 per cent. The number of cases calculated per 1,000 of the population was 2.21 per 1,000; since, however, the majority of cases occur in children below the age of 13 years, a better idea of its extent is to calculate the case rate per 1,000 of the population below the age of 13. This gives a case incidence of 18.2 per 1,000. The curve representing the number of cases week by week throughout the year (opposite page 19), shows that the seasonal distribution was about the same as in former years, that is, low during the winter and spring, and high in autumn.

## DIPHTHERIA.

112 cases of Diphtheria were notified; of these, 12 proved fatal, which is equal to a mortality of 10.7 per cent. of the cases notified; the previous year the case mortality was 13 per cent. A few of the notifications were confirmed by a bacteriological investigation at the Jenner Institute. The number of specimens derived from suspected throats sent for such bacteriological investigation was 9; of these, 5 proved the presence of the disease-producing bacillus, while in the remainder the bacillus could not be found.

## SMALL-POX.

Only 6 cases were notified, and there was no extension. A most important advance seems to have been made during the past year in the more accurate knowledge of this malady by the discovery by Dr. Kortè of the parasite of Small-pox, which has either eluded other investigators, or, when seen, its significance has not been appreciated. It is described as an amœboid body of extreme delicacy, easily ruptured by drying or by pressure, hence, the ordinary processes used for rendering visible bacteria quite fail. Such amœboid bodies have no definite form when living, for they are constantly changing their form. The amœba contains a large number of minute spores. The amœba of Chicken-pox is similar to that of Small-pox, but can be distinguished from it by certain re-actions to staining re-agents.

If these interesting investigations are fully confirmed by subsequent independent observers, the consequences will be considerable and of direct advantage to the community. The obscure cases which often puzzle the most experienced medical men will be referred for scientific investigation to the microscopist and bacteriologist, and with more certainty than hitherto be identified. This in many instances will be of the greatest importance.



## MEASLES AND WHOOPING-COUGH.

Both these infantile maladies prevailed during the year. There were 49 deaths from measles and 14 from whooping-cough. Since neither of these diseases are notifiable, the exact number of cases from whence the deaths are derived is unknown, but from the average case mortality it may be stated, with some confidence, that they represent not less than 980 cases of measles and 280 of whooping-cough.

## TYPHOID FEVER.

There were 49 cases of typhoid fever notified, 3 of which were fatal. So far as could be ascertained, the majority of these cases had contracted the malady outside the Borough. As the curve opposite page 19 shows, the number of cases was far below the average, and with the exception of a slight rise in August distributed throughout the year in a perfectly normal manner.

## THE HOUSING AREA.

So many persons to the acre, or so many to the square mile, are familiar forms of statistical expression. Information of this kind respecting urban populations has a radical defect; its statement assumes that each human unit lives on the ground level—exists on a single plane—the statistics founded upon it are *one dimensional*, whereas the units of a city population, during a large portion of every twenty-four hours, pass their existence in layers one over the other. Take two equal areas of urban habitations, the one covered by two-storeyed cottages, the other by seven-storeyed dwellings—any comparison between the proportion of persons per acre is misleading. Obviously it would be of great utility to have some better form of mathematical expression of aggregation on areas so as to be able to compare the population of cities and townships built on diverse plans.

The writer believes that a three dimensional valuation should be made by taking the area actually occupied by the houses and multiplying this area by an arbitrary number, expressing height according to the number of floors, which are, or may be used for habitation. This information should be supplemented by a statement of the open space area, and the area occupied by streets, forecourts, yards and so forth.

As an example, the Borough of St. Marylebone has a total acreage of 1,427·8 acres (5,778,000 square metres) the open spaces, that is, Regent's Park, Primrose Hill, the Squares, the Churchyards, Lord's Cricket Ground, the Great Central Railway Clearance, and spaces of similar character occupy 515·65 acres

or thereabouts, totalling to 41·7% of the total area. There are in round numbers 14,000 houses varying in area from those in Harrow Street or Mitcham Street to the large houses in Portland Place. For our purpose the average area of the individual house may be taken as 65 square metres (699·7 square feet), which gives 17·1% of the total area as occupied by houses. The area may therefore be thus divided:—

Open spaces ... ..	41·7 per cent.
Streets, yards, forecourts and gardens	41·3 „
Housing area ... ..	17·0 „

The number to convert area into cube of the houses may be taken as three metres per floor, and the average number of floors throughout the district may be put at 4; multiplying the 65 square metres by 12 gives an average of 780 cubic metres per house, or 81·9 cubic metres (2,892 cubic feet) per head of the population.

It is obvious, therefore, by taking the appropriate factor, the aggregation of population in a pioneer city of bungalows, or the many storeyed cities of the States, or cities like Paris, Vienna, and St. Petersburg can in this way be compared, which has hitherto not been done satisfactorily. Of course, exception can be taken to the details of the calculation which does not presume to be based on measurements of the greatest accuracy, and different opinions may be held on the hypothetical factor of 3 metres to a floor; but these objections will not touch the principle of the suggestion which is to substitute for the misleading one dimensional expression that of a three dimensional statement, supplemented by sub-division of the area as above exemplified.

## HOUSING OF THE WORKING CLASSES ACTS.

The only case taken under the above Acts was that of 9, Gee's Court, which was closed as unfit for habitation. The owner subsequently executed considerable repairs and made it suitable for occupation.

The John Street Dwellings by the close of the year were nearly complete, and the Housing Committee satisfactorily settled the scale of rents to be charged, with rules and conditions of occupation. The scheme was adopted by the Council.

The Devonshire Place and Burne Street areas still remain to be dealt with. A variety of plans for their subsequent developments have been prepared under the direction of the Housing Committee, and definite results may be with some confidence expected in the ensuing year.



PROSECUTIONS UNDER THE PUBLIC HEALTH  
(LONDON) ACT.

The proportion of summonses to the Council's orders issued continues to be very small.

The owner of No. 12, Northwick Terrace, was summoned for non-compliance with Sanitary Notices, but the work having been completed before hearing the summons was withdrawn.

The occupier of a room in Capland Street kept it in so filthy a state, that other occupants of the house alleged the room was a nuisance, and that they suffered considerable annoyance. The Inspector was refused admittance and ultimately a Magistrate's order to enter was obtained. The occupier, before the order was executed, turned to and did a "spring cleaning," hence the nuisance was for the time indirectly abated.

No. 13, King's Place, was ordered to be re-drained. The occupier failed to comply with the notices. A Magistrate's Order was therefore obtained; this order was not complied with; summonses were again taken out for closing the premises which ultimately were vacated.

119, Church Street, was found to be badly drained. The responsible person, a builder, was unable through poverty to execute the work, a summons was ultimately taken out and a Magistrate's Order obtained. The Order not being complied with, a summons was served for non-compliance and a fine inflicted. The fine not being paid the defendant went to prison for a short time. A third summons was then taken out to close the premises and a closing order obtained. The premises were not, however, closed, because the drainage works were in part executed. At the present moment, however, the ground landlord has stepped in and evicted the defendant.

The case of 24, Townshend Cottages, was another curious case. The property is in Chancery and the tenants apparently have paid no rent for at least a twelve-month; they have also done no repairs or spent any money in respect of the premises, save to pay the rates by each subscribing a portion. The property has naturally fallen into an insanitary condition and a closing order was applied for and granted.

The kitchens of 48, Linhope Street, were occupied illegally and after a long delay proceedings had to be taken. Before the hearing, however, the original notice was obeyed.

Three first-class building firms were summoned for neglecting to deposit plans of drainage; in two cases fines were inflicted, the third case was dismissed. The owners of 26-28, St. Anne's Terrace, were summoned for not executing drainage works; on receipt of the summons the work was pushed forward and completed.

## PRACTICAL SANITARY WORK.

A tabular statement is given of the work of each of the Sanitary Inspectors on pages 30-31. Complaints of sanitary defects were received and promptly attended to in 1,358 cases.

The work of supervising new drainage works has been exceptionally heavy during the year, because so many new buildings are in course of construction.

Two of the Inspectors, Mr. Richard Phillips and Miss Frances Baker, have special duties. Their reports of the year's work are as follows:—

## THE REPORT OF MISS F. BAKER.

*January, 1905.*

"I beg to report the following with reference to the work of the year 1904:—

Workshops on register at end of 1903	...	2,164
" " " " 1904	...	2,260
No. added during the year	... ..	303
No. of removals	... ..	207
Businesses represented by this No.	... ..	1,876
No. of re-inspections made	... ..	714

The work done on these premises represents various kinds of clothing and articles of dress, tailoring and dressmaking taking the lead. Only 6 cases of overcrowding have been detected, and these were chiefly owing to carelessness on the part of the person in charge of the room. The attention given to appliances and methods of heating the workrooms is much improved, and occupiers are realising that this is as essential as having adequate cubic space for their workers. 107 various complaints have been received, and the cases investigated; and at 128 premises cleansing and limewashing have been done. The defects of 26 sanitary accommodations have been remedied, besides which many other matters of insanitary condition have been rectified.

## OUTWORKERS.

No. resident in Borough at end of 1903	...	491
" " " " 1904	...	625
No. of removals during the year	... ..	88
No. received from other Boroughs	... ..	239
No. transferred	... ..	285

726 visits have been paid to Outworkers, and this number represents only those who work alone for London firms, not including those who have opened workrooms and employ other hands.

The number of Laundries on the register is only 27, and owing to the fact that few premises in the Borough are suitable for this business, the number varies very slightly.



## UNDERGROUND CONVENIENCES (FEMALE).

The Women's Underground Conveniences have been under regular inspection. I have had no complaint to make to the Attendants with regard either to cleanliness of the premises or civility. The Conveniences appear to be almost entirely free from persons of objectionable character or habits."

I am, Sir,

Your obedient Servant,

FRANCES A. BAKER,  
*Inspector.*

## THE REPORT OF MR. RICHARD PHILLIPS.

"I beg to present a report of my work during the year 1904:—

### FACTORIES AND WORKSHOPS.

There are in the Borough 141 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, cleansing has been done and insanitary conditions remedied. All new workshops have been cubed up and registered in accordance with the Factory and Workshop Act, 1901.

### BAKEHOUSES.

There are at the present time 86 in use; of this number 11 are above or on ground level, and 75 are underground.

Two Bakehouses above ground have been closed up during the year, and one underground has been demolished.

### SMOKE NUISANCES.

The number of Smoke Nuisances detected or complained of during the year is 26. All premises where nuisances have occurred have been diligently watched and observations made. In consequence 3 Statutory Notices were served, and 16 Intimations sent out.

### TRADE NUISANCES.

No complaints of trade nuisances have been received

## UNDERGROUND CONVENIENCES (MALE).

I have supervised the work at the Underground Conveniences, and constantly inspected them both day and night, on Sundays and all holidays. Some repairs and alterations have been done. I have always found the Conveniences were clean and well kept, and I am able to report satisfactorily on the work done by the Attendants, whose duties are chiefly arranged by me.

## PUBLIC URINALS.

The 23 Public Urinals in the Borough which are situated above ground have been frequently inspected. All repairs have been attended to, and I have found the urinals well flushed and clean.

## HOTELS, RESTAURANTS, COFFEE SHOPS, AND DINING ROOMS.

Of these I have made inspections of 211 premises, special attention being given to the kitchens and all places where food is stored or kept. The Lavatory accommodation has also had much of my attention.

Appended is a statement of such of my work which admits of tabulation:—

	No. of visits made.
Workshops, &c. ... ..	629
Bakehouses ... ..	445
Restaurants, &c. ... ..	365
Smoke Nuisances ... ..	92
Underground Conveniences ... ..	Daily
Public Urinals ... ..	Daily

I am, Sir,

Your obedient Servant,

RICHARD PHILLIPS,  
*Senior Inspector.*

## THE MORTUARY.

The report of the Mortuary keeper (Mr. Ellis) is to be found on page 24. It is interesting to observe that the number of bodies received during the past year was almost the same as in 1903, while the number of inquests in each of the years, 1903 and 1904, was absolutely identical.



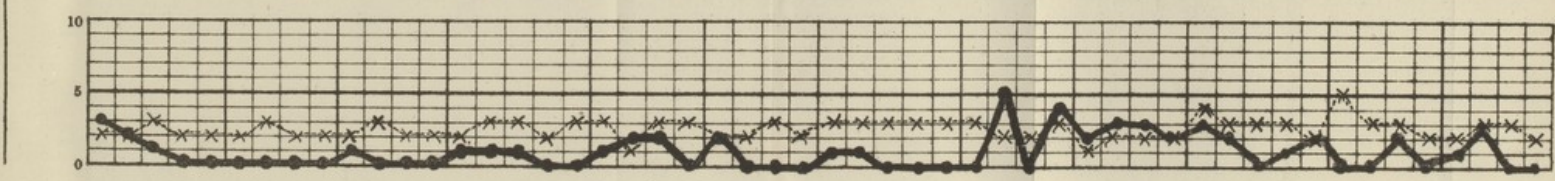
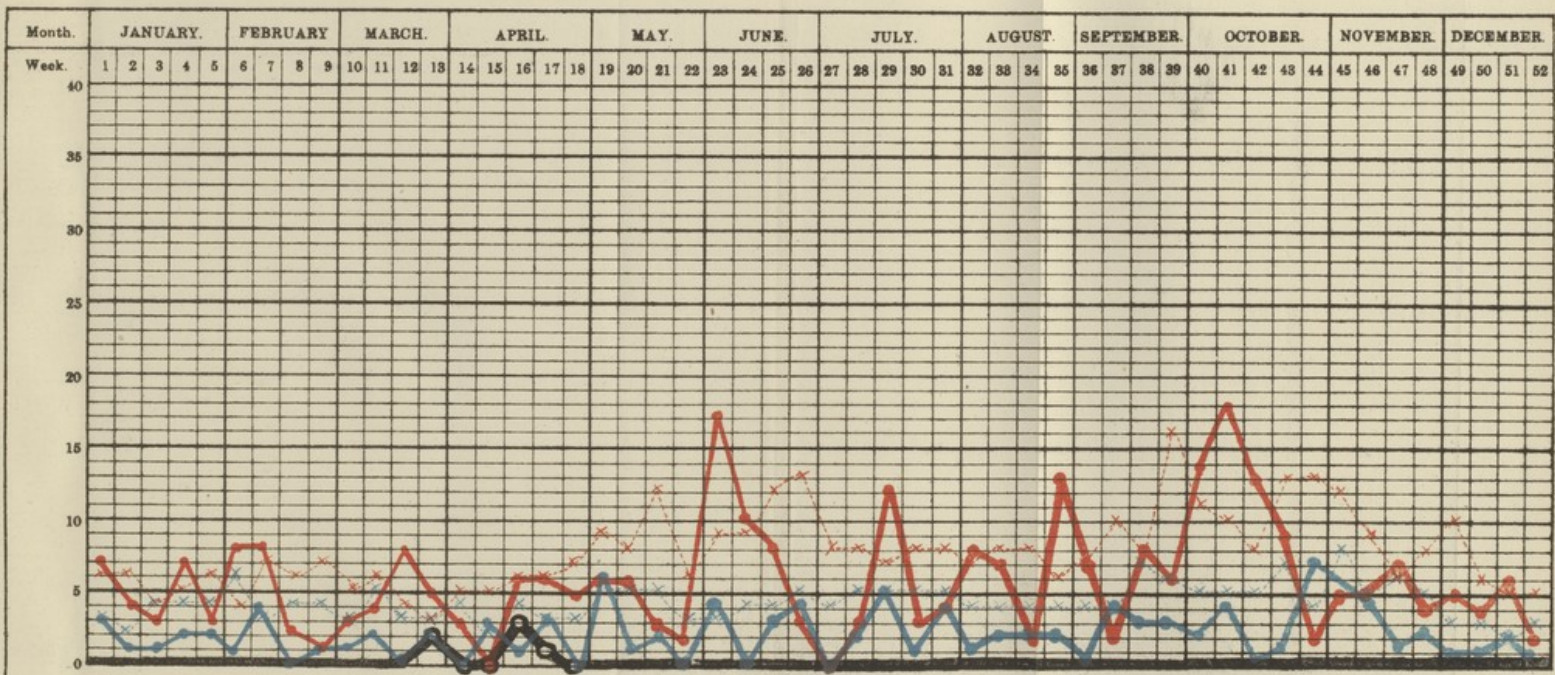
## CLEANSING OF PERSONS ACT.

The free baths established under the Cleansing Act, for the purpose of cleansing persons in so dirty a state that it is not desirable to admit them into the Public Baths of the district have been in full operation during the year. The comparative tabular statement shows a large increase in the number of males and especially in the number of females admitted. A great proportion of the female applicants are of the poorest class, and not a few are ill provided with underclothing. Owing to the kindness of one of the Councillors and others, small sums of money from time to time have been placed at the writer's disposal for the purpose of supplying some of the worst cases with necessary covering. Miss Kilgallin has performed this task with fairness and discretion. It may as well be stated here, that chemises, stockings, petticoats, and shoes or boots in fair condition will be thankfully received by the Matron, for the purpose of replacing any similar articles of clothing which are not worth disinfecting, but rather should be destroyed, or for supplying such articles to those who are destitute of them, a similar remark applies to suitable articles of men's clothing.

## CLEANSING OF PERSONS' ACT, 1897.

1904.	Males.	Females.	Total.	Remarks.
Jan. 1st to 31st ...	558	92	650	Closed $\frac{1}{2}$ day for repairs
Feb. 1st to 29th ...	520	83	603	Closed $\frac{1}{2}$ day sweeping flues.
March 1st to 31st ...	610	94	704	
April 5th to 30th ...	520	105	625	Closed 3 days Easter holidays.
May 2nd to 31st ...	488	110	598	Closed Whit Monday.
June 1st to 30th ...	504	140	644	
July 1st to 30th ...	646	144	790	
August 2nd to 31st	731	171	902	Closed August Bank holiday.
Sept. 1st to 30th ...	665	133	798	
Oct. 1st to 31st ...	601	141	742	Closed $\frac{1}{2}$ day sweeping flues.
Nov. 1st to 30th ...	578	102	680	
Dec. 1st to 31st ...	668	61	729	Closed 2 working days Christmas holidays.
Totals ...	7089	1376	8465	

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, AND SMALLPOX DURING THE YEAR 1904.



NOTES:

- Scarlet Fever
- Diphtheria
- Typhoid Fever
- Smallpox
- x—x— Average of Scarlet Fever during 5 years ending 1903.
- x—x— " " Diphtheria
- x—x— " " Typhoid Fever





1903.	Males.	Females.	Total.	Remarks.
Jan. 1st to 31st ...	406	13	419	
Feb. 2nd to 21st ...	358	15	373	Closed 8 working days, New Baths.
March 4th to 31st	416	27	443	
April 1st to 30th ...	364	31	395	Closed 3 days Easter.
May 1st to 30th ...	359	31	390	
June 1st to 30th ...	420	33	453	Closed 2 days Boiler cleaning.
July 1st to 31st ...	531	70	601	
August 1st to 31st	576	70	646	
Sept. 1st to 30th ...	560	93	653	
Oct. 1st to 30th ...	534	107	641	Closed 1½ working days repairs
Nov. 2nd to 30th ...	492	87	579	
Dec. 1st to 31st ...	499	78	577	Closed 2 working days, Christmas holidays.
Totals ...	5515	655	6170	

The addresses of the applicants during 1904 were as follows:—

Males from Salvation Army Shelter ...	5,089
Do. from Lodging Houses in the Borough	2,000
Females from private addresses ...	76
Females with no addresses ...	1,000
Females from Shaftesbury Institute ...	300
Total ...	8,465

### THE SHELTER HOUSE, No. 27, Grove Road, N.W.

The shelter was used 12 times during the year ending 31st December, 1904, accommodating for various periods 12 Adults and 6 Children.

The following is a detailed statement of the Occupation:—

1904.	Number of hours occupied.	Reason of occupation.	Number of persons.
February 23rd ... *	4 hours ...	Scarlet Fever ...	1 Adult
April 11th and 12th ...	14 hours ...	Diphtheria... ..	2 Adults, 1 Child
June 25th and 26th ...	12 hours ...	Diphtheria... ..	3 Adults, 1 Child
October 12th and 13th	12 hours ...	Diphtheria... ..	2 Adults, 2 Children
October 26th and 27th	7 and 11 hours ...	Diphtheria... ..	2 Adults
November 3rd and 4th	18 hours ...	Skin Disease ...	1 Adult, 1 Child
November 16th ...	4 hours ...	*Catarrh Weakness	1 Adult

\*The woman was having one of the free baths, when she was taken faint and was received into the Shelter until she was able to be removed to the Work-house.



## CLERICAL WORK OF THE PUBLIC HEALTH DEPARTMENT.

Mr. H. E. Curtis and Mr. W. J. Howe continue to discharge the duties of Chief Clerk and Assistant Clerk in a most efficient manner. The Junior Clerk, Mr. Hodges, has improved his financial position by being transferred to the electricity department, and a successor has been appointed, Mr. H. A. James.

The subjoined tabular statement of the work shows no signs of decrease, but, on the contrary, some slight augmentation. During the year the complete list of Index of Drainage Plans and Applications in the custody of the Department has at length been completed, and is being found daily both by the public and by the Department of the greatest use.

### REGISTER OF CLERICAL WORK.

	1904.
Number of Notifications of Infectious Disease, entered in Register, copied and sent to the Metropolitan Asylums Board and Schools, receipt acknowledged and filed ... ..	1,078
Number of complaints of Nuisances received, acknowledged, entered in Nuisance Register and filed 866. Verbal complaints 492 ... ..	1,358
Number of letters despatched from the Department ... ..	3,128
Number of Council Orders issued ... ..	200
Number of Meetings of Public Health Committee prepared for, attended, and Minutes drafted and prepared for Printer ... ..	24
Number of Meetings of Public Health Subcommittee prepared for, attended, and Reports drafted and written... ..	54
Plans Registered and approved by Public Health Committee ... ..	381

### DISINFECTION.

Owing to the fact that infectious fevers were but little prevalent during the year, the amount of disinfection was generally less during 1904 than 1903.

The disinfecting machine still continues in good order, a few minor repairs only having been necessary during the year.

The boiler is regularly inspected by an officer of the Insurance Company, and his report presented to the Public Health Committee.

List of articles disinfected during	1903	1904
Beds ... ..	410	249
Mattresses ... ..	569	321
Bolsters ... ..	580	304
Pillows ... ..	1,333	854
Sheets ... ..	820	431
Blankets ... ..	1,697	1,137
Sundries ... ..	3,078	1,766

The Vans were used 615 times in 1903 ; 437 times in 1904.

### THE SALE OF FOOD AND DRUGS ACTS.

The work done under the Sale of Food and Drugs Acts is tabulated at page 25. Notwithstanding the change of districts from time to time and the constant employment of agents who cannot be known to the vendors, the figures for adulteration still continue at a low figure. The following is a list of the proceedings taken and the fines recovered :—

Name.	Address.	Offence.	Fine.	Costs.
James Bush,	25, Townshend Road,	19 per cent. added water to milk	£10	12/6
Lionel Court,	9, Violet Hill,	Milk 6.7 per cent. deficient in fat	£2	12/6
Elizabeth Green,	32, Saville Street,	Milk deficient in milk fat 6.7 per cent.	10/-	12/6
Wm. Smith,	19, Earl Street,	Milk deficient in fat 16.6 per cent.	£5	12/6
Ed. Taylor & Sons,	19 & 12, Earl Street,	Milk deficient in milk fat 14.6 per cent.	£2	—
Elizabeth Smallwood	74, Marylebone Lane	Margarine sold as butter	£2/5	12/6

£21/15 £3/2/6

In the case of a diluted whisky, alcoholic strength 30 degrees under proof, the solicitor considered that, owing to technical objections, proceedings could not be taken successfully.

In the case of an adulterated milk, no summons was issued because the dilution was small.

In another case of adulteration of milk, the case was dismissed, because the defendant proved a warranty from the farmer.



A sample of rum, brought by a private purchaser, could hardly be called of the nature and quality of the article demanded, because it was evidently derived from the dregs of a rum cask, and was full of dirt and débris.

## SANITARY LEGISLATION AND IMPORTANT LEGAL CASES BEARING ON PUBLIC HEALTH, 1904.

No important legislation directly affecting the work of the Public Health Department took place during 1904.

The following brief notes of important decisions may, however, be useful:—

### REGULATIONS AS TO DRAINS.

The appeal case of the London School Board *v.* Fulham Borough Council clearly shows that if in a particular case the Local Authority require, under the Metropolitan Management Act of 1855, old drains to be taken up, such requirements can be enforced.

In this case the School Board had submitted plans for the drainage of a school. The plans were passed with the express stipulation that a certain regulation made by the Fulham Local Authority, under the powers of the Metropolis Local Management Act, 1855, Sections 76, 83, was to be complied with. The regulation provided that all old drains were to be removed. The School Board, however, on making the new system of drainage, cut the old drains off and cleaned them, but did not remove them. Proceedings were taken before a magistrate, and a penalty imposed on the Board. The Board appealed, but the appeal was dismissed.

### COUNTY COUNCIL BY-LAWS.

As a part of the history of the year, the decisions of the High Court may be mentioned in *Nokes* and another *v.* Islington Borough Council, and *Styles v. Colinsky*, under which certain by-laws compelling an owner to provide water closet accommodation in lodging houses in the proportion of one closet for every twelve adults, and also a by-law, made under Section 94, Public Health (London) Act, requiring premises to be cleansed in the month of April of each year, were held to be unreasonable, not on their merits, but mainly because no provision was made for giving notice to the party in default. It is not necessary to detail these cases because the London County Council took immediate steps to remedy the defect in the by-law, besides which there is ample statutory power to deal with deficient water closet accommodation and dirty premises irrespective of any by-law.

## BLACK SMOKE.

In the case of *Tough v. Hopkins*, it was decided that the funnel of a steamer is a chimney within Section 24 (*b*) of the Public Health (London) Act, 1891; and that where all that is required to prevent nuisance is careful stoking, it is unnecessary in a prohibition order under Section 5 to specify any works to be executed.

## DESTRUCTION OF INFECTED CLOTHING.

The important appeal case of *Crolick v. Knottingley Urban District Council* (Knight's Loc. Gov. Rep. 1904, 1345) heard before Lord Alverstone, C.J., clearly shows that the power of destruction of infected clothing under the 121st Section of the Public Health Act, 1875, cannot be exercised by a Medical Officer of Health on his own initiative. A special resolution of the Authority is required in each case, and then only can the owner claim compensation from the Authority. In the Metropolitan Area, however, Section 60 of the Public Health (London) Act gives more extensive powers to the Medical Officer of Health, and therefore the decision does not precisely apply.

## THE MARGARINE ACT.

A Metropolitan Police Magistrate dismissed a case in which the Local Authority prosecuted a seller of margarine under the labelling Section (Sec. 6). The margarine was taken from an unlabelled tub standing in full view of the customers. The Magistrate decided that having regard to the mode in which it was used, it being only used as a store for margarine, it was not a package within the meaning of Section 6 of the Margarine Act.

The court decided, seeing the object of the Margarine Act, 1877, that the learned magistrate had arrived at a wrong conclusion, and that respondent should have been convicted (*Macnair v. Horon*.)

## COPPER IN PEAS.

In the case of *Firend v. Mapp* it was decided that preserved peas coloured with copper sulphate (2.55 grains to the pound) a quantity insufficient to cause injury to health, were of the nature, quality, and substance demanded, and were therefore not adulterated under Section 6 of the Sale of Food and Drugs Acts.

In the case of *Hull v. Horsnell* the analyst certified that a bottle of preserved peas contained copper equal to copper sulphate in the proportion of 1.87 per lb., and he stated in evidence that sulphate of copper is a substance injurious to health. The court sent the case back to the Magistrates with a direction that the finding that the added ingredient is in itself injurious to health is insufficient, it must be found that the article of food has been rendered injurious to health by such addition.



TABLE I.  
REPORT OF MORTUARY KEEPER.  
FOR THE YEAR 1904.

Number of bodies received from January 1st to December 31st, 1904.

	Males.	Females.		Males.	Females.
January ..	28	17	Forward ..	111	92
February ..	15	11	July ..	18	13
March ..	11	18	August ..	23	13
April ..	20	13	September ..	12	14
May ..	24	19	October ..	14	18
June ..	13	14	November ..	20	14
	<u>111</u>	<u>92</u>	December ..	23	23
				<u>221</u>	<u>187</u>
Total ..				..	408

Number of Inquests held from January 1st to December 31st, 1904.

January ..	14	Forward ..	81
February ..	11	July ..	13
March ..	11	August ..	21
April ..	17	September ..	11
May ..	17	October ..	16
June ..	11	November ..	19
	<u>81</u>	December ..	23
			<u>184</u>
Total ..			184

Infectious cases received.

Diphtheria .. .. . 4

TABLE II.—SALE OF FOOD AND DRUGS ACTS.  
 SAMPLES ANALYSED DURING THE YEAR, 1904.

	Genuine.	Adulterated.	Total.
<b>DAIRY PRODUCTS—</b>			
Milk .. .. .	238	7	245
Butter .. .. .	73	2	75
Cream .. .. .	6	—	6
Condensed Milk .. .. .	9	—	9
Cheese .. .. .	1	—	1
Margarine .. .. .	9	—	9
<b>ALCOHOLIC BEVERAGES—</b>			
Whisky .. .. .	38	1	39
Brandy .. .. .	15	—	15
Cognac .. .. .	1	—	1
Rum .. .. .	11	—	11
Gin.. .. .	12	—	12
<b>NON-ALCOHOLIC BEVERAGES—</b>			
Tea .. .. .	1	—	1
Coffee .. .. .	14	—	14
Coffee and Chicory .. .. .	2	—	2
Cocoa .. .. .	6	—	6
<b>CONDIMENTS—</b>			
Pepper .. .. .	18	—	18
Mustard .. .. .	17	—	17
Vinegar .. .. .	8	—	8
Salt .. .. .	2	—	2
Currie Powder .. .. .	1	—	1
<b>SACCHARINE SUBSTANCES—</b>			
Jam .. .. .	17	—	17
Honey .. .. .	6	—	6
Sugar .. .. .	1	—	1
Golden Syrup .. .. .	1	—	1
Sweets .. .. .	16	—	16
<b>TINNED &amp; BOTTLED GOODS—</b>			
Various tinned Foods .. .. .	31	—	31
Beef Extract .. .. .	1	—	1
Capers .. .. .	2	—	2
<b>DRUGS—</b>			
Soda, carbonate .. .. .	2	—	2
Magnesia, Citrate .. .. .	1	—	1
Cream of Tartar .. .. .	6	—	6
Olive Oil .. .. .	5	—	5
Tincture of Ginger .. .. .	1	—	1
<b>MISCELLANEOUS—</b>			
Cornflour .. .. .	1	—	1
Lard .. .. .	6	—	6
Beef dripping .. .. .	1	—	1
Sauce .. .. .	1	—	1
Glycerine .. .. .	1	—	1
Ginger Wine .. .. .	1	—	1
Beef Extract .. .. .	1	—	1
Other .. .. .	6	—	6
	<del>400</del> 590	10	600



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 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
POPULATION AT ALL AGES.													
(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301		
(c) Registered Births ..	598		319		421		1058		395		2791		
(d) Aged under 5 or over 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chicken pox	28	38	23	7	16	14	48	20	61	48	176	127
	1. Smallpox ..	..	..	..	6	..	..	..	..	..	..	..	6
	2. Scarletina ..	35	63	5	17	21	29	40	57	14	18	118	184
	3. Diphtheria ..	9	16	4	11	10	10	15	16	11	10	49	63
	4. Membranous Croup..	..	..	..	..	..	..	1	..	1	..	2	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	6	..	7	..	13	..	16	1	6	1	48
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	1	..	1	..	..	..	2	..	4
	10. Cholera..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	5	20	3	44	1	32	8	58	2	28	19	162
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	30	42	5	9	8	19	33	50	13	13	89	133
	3. Diphtheria ..	6	11	2	9	9	11	13	11	8	6	38	48
	4. Membranous Croup..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	1	..	3	..	12	..	9	1	2	1	27
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	2	..	38	..	8	..	14	1	8	1	7

TABLE IV.—Giving the Causes of Deaths during 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	...	...	...	...	...	...
Influenza .....	1	...	...	...	...	...
Scarlet Fever.....	...	...	...	...	...	...
Diphtheria .....	...	...	...	...	...	...
Typhoid Fever .....	2	...	...	...	2	...
Diarrhœa .....	1	...	...	3	12	...
Erysipelas .....	...	...	...	...	2	...
Pneumonia and Pleurisy	25	...	...	...	16	...
Pyæmia .....	2	...	1	...	1	...
Syphilis .....	...	...	...	...	14	...
Cancer.....	131	...	...	...	42	2
Phthisis & Tuberculosis	30	...	1	...	105	16
Rheumatism .. .	...	...	...	...	1	...
Apoplexy .....	...	...	...	...	13	...
Paralysis.....	...	...	...	...	26	...
Bronchitis .....	23	...	4	7	112	1
Asthma .....	...	...	...	...	1	...
Peritonitis .....	...	...	...	...	...	...
Disease of Brain .....	...	...	...	...	...	...
" Heart .....	27	3	4	11	35	...
" Kidney .....	...	...	...	...	5	...
" Liver.....	7	...	...	...	6	...
" Uterus .....	...	...	...	...	...	...
" Ovary .....	...	...	...	...	...	...
Parturition.....	...	5	...	...	...	...
Diabetes .....	...	...	...	...	...	...
Fractures and Injuries...	21	...	...	1	15	...
Old Age .....	...	...	...	...	32	...
Low Vitality, Infants ...	...	...	...	...	...	...
Premature Birth .....	...	13	...	1	...	...
Other causes .....	129	23	7	23	92	5
Total .....	*399	**44	* * *17	46	532	†24

\* Of the 399 deaths in the Middlesex Hospital, 297 were those of non-parishioners.

\*\* 39 of the 44 deaths in Queen Charlotte's Hospital were those of non-parishioners.

\* \* \* 12 of the 17 deaths in the Samaritan Hospital were those of non-parishioners.

† 21 of the 24 deaths in the Hospital of St. John were non-parishioners.



TABLE V.—Causes of, and Ages at, Death during 1904 (53 weeks),  
in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Public Institutions (at all Ages).					
	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.	SAMARITAN HOSPITAL.	QUEEN CHARLOTTE'S HOSPITAL.	MIDDLESEX HOSPITAL.	WORKHOUSE.	
Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	49	11	35	2	1	..	..	14	1	8	19	7	6
Scarlet Fever .. ..	10	..	6	3	..	1	..	2	..	3	3	2	6
Whooping Cough ..	14	4	10	..	..	..	..	4	1	1	2	6	8
Diphtheria and Mem- branous Croup	12	2	5	4	1	..	..	3	1	2	4	2	6
Croup .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	2
FEVER {													
	Typhus .. .. .	..	..	..	..	..	..	..	..	..	..	..	..
	Enteric .. .. .	3	..	2	..	1	..	..	..	1	2	..	5
Other continued ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic Influenza ..	22	..	1	..	..	11	10	2	6	4	5	5	..
Cholera .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa .. .. .	105	80	14	..	..	3	8	19	9	14	52	11	19
Enteritis .. .. .	17	7	10	..	..	..	..	3	..	..	14	..	3
Puerperal Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	3	1	..	..	..	..	2	..	..	..	2	1	1
Other Septic Diseases ..	20	3	..	2	1	13	1	6	2	5	6	1	17
Phthisis .. .. .	214	2	4	6	19	172	11	43	26	31	82	32	154
Other Tubercular Diseases	46	13	14	6	2	11	..	12	6	12	14	2	32
Cancer, Malignant Disease	132	1	3	1	..	73	54	27	17	26	38	24	171
Bronchitis .. .. .	323	38	17	2	2	98	166	82	29	38	127	47	159
Pneumonia .. .. .	132	29	32	3	3	44	21	30	14	19	46	23	52
Pleurisy .. .. .	6	..	..	1	1	1	3	2	1	2	..	1	5
Other Diseases of Respiratory Organs	5	..	..	..	..	2	3	1	1	..	3	..	3
Alcoholism Cirrhosis of Liver } ..	34	..	..	..	..	30	4	15	3	7	6	3	26
Venereal Diseases ..	20	16	3	..	..	1	..	3	2	3	8	4	11
Premature Birth .. ..	40	40	..	..	..	..	..	10	3	7	16	4	14
Diseases and Accidents of Parturition	11	..	..	..	..	11	..	1	1	2	7	..	14
Heart Diseases .. ..	183	3	1	9	7	86	77	40	28	23	56	36	81
Accidents .. .. .	53	9	7	2	4	14	17	17	4	6	14	12	34
Suicides .. .. .	12	..	..	..	1	8	3	2	1	3	4	2	12
All other causes .. ..	706	134	26	14	17	240	275	174	102	85	223	122	432
All causes .. .. .	2172	393	190	55	60	819	655	512	258	302	753	347	1273

\*Of these 372 were Non-Parishioners.

TABLE VI.—DISTRICT BIRTHS AND DEATHS FOR THE  
FIFTY-THREE WEEKS ENDING DECEMBER 31ST, 1904.

	Population in 1901.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls .....	35,391	320	278	268	244
Rectory .....	19,849	162	157	142	116
St. Mary .....	18,099	214	207	147	155
Christ Church .....	39,536	534	524	427	326
St. John .....	20,426	206	189	175	172
Total .....	133,301	1436	1355	1159	1013

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

YEAR ENDING 31ST DECEMBER, 1904.

## PUBLIC HEALTH DEPARTMENT.

		District Inspectors.											Total.
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.	Mr. E. Lumley, Dust Inspector.			Mr. R. Phillips, Special Duties.	Miss F. A. Baker.		
<b>Public Health (London) Act.</b>													
Inspections.	Dwelling Houses, &c. ... ..	409	489	378	471	401						2148	
	Tenements ... ..	477	117	460	350	368				3		1775	
	Underground Dwellings ... ..	155	15	224	58	196						648	
	Dairies, Milk Shops, Cow Houses	86	36	48	44	109						323	
	Slaughter Houses ... ..	24	35	5		15				2		81	
	Yards, Stables, and Mews ... ..	409	240	400	465	600						2114	
	Smoke Shafts ... ..		1	18	7	10				122	101	259	
	Offensive Trades and Effluvia Businesses ... ..									3		3	
	Refuse Receptacles ... ..	93	56	41	92	94	373			2		751	
	Enquiries <i>re</i> non-removal of refuse	65	50	70	57	86	2010				16	2354	
	Removal of Bodies to Mortuary ...	5										5	
	Visits to Works in Progress ... ..	2126	2735	1640	2790	1892				94	193	11470	
Miscellaneous Inspections ... ..	1010	950	795	2265	1086	553			216	875	7750		
<b>UNWHOLESOME FOOD:—</b>													
	Number of seizures made ... ..			2	3	1						6	
<b>INFECTIOUS DISEASE:—</b>													
	Cases Isolated ... ..	8	13	14	14	7						56	
	Cases removed to Hospital ... ..	95	24	136	74	106						435	
	Rooms Disinfected ... ..	167	41	154	195	235						792	
<b>NEW DRAINAGE:—</b>													
	Number of Plans Passed ... ..	46	72	68	108	76				6		376	
	New Pipe Drains (feet) ... ..	9764	12621	9000	10609	16222				174		58390	
	Houses where defects in existing Drainage have been detected and remedied ... ..	93	104	85	75	100						457	

## REGISTER OF SANITARY WORK

YEAR ENDING 31ST DECEMBER, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.					Mr. E. Lumley, Dust Inspector.	Mr. E. Lumley.	Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.					
<b>Factory and Workshop Act.</b>										
Enquiries as to Occupation ... ..							209	128		337
Periodical Inspections :—										
Factories ... ..							83	3		86
Workshops ... ..							678	891		1569
Bakehouses ... ..							475			475
Restaurants, &c. ... ..							400			400
Homeworkers' Premises ... ..							105	727		832
Domestic Workshops... ..							21	2		23
<b>Food and Drugs Act.</b>										
ADULTERATION.										
Samples collected for Analysis ...	135	118	113	110	114					590
<b>Correspondence, Legal Procedure, &amp;c.</b>										
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(1) Under Public Health Act ...	7	5	1	1						14
(2) „ Factory & Workshop Act										
(3) „ Food & Drugs Act ...	2			3						5
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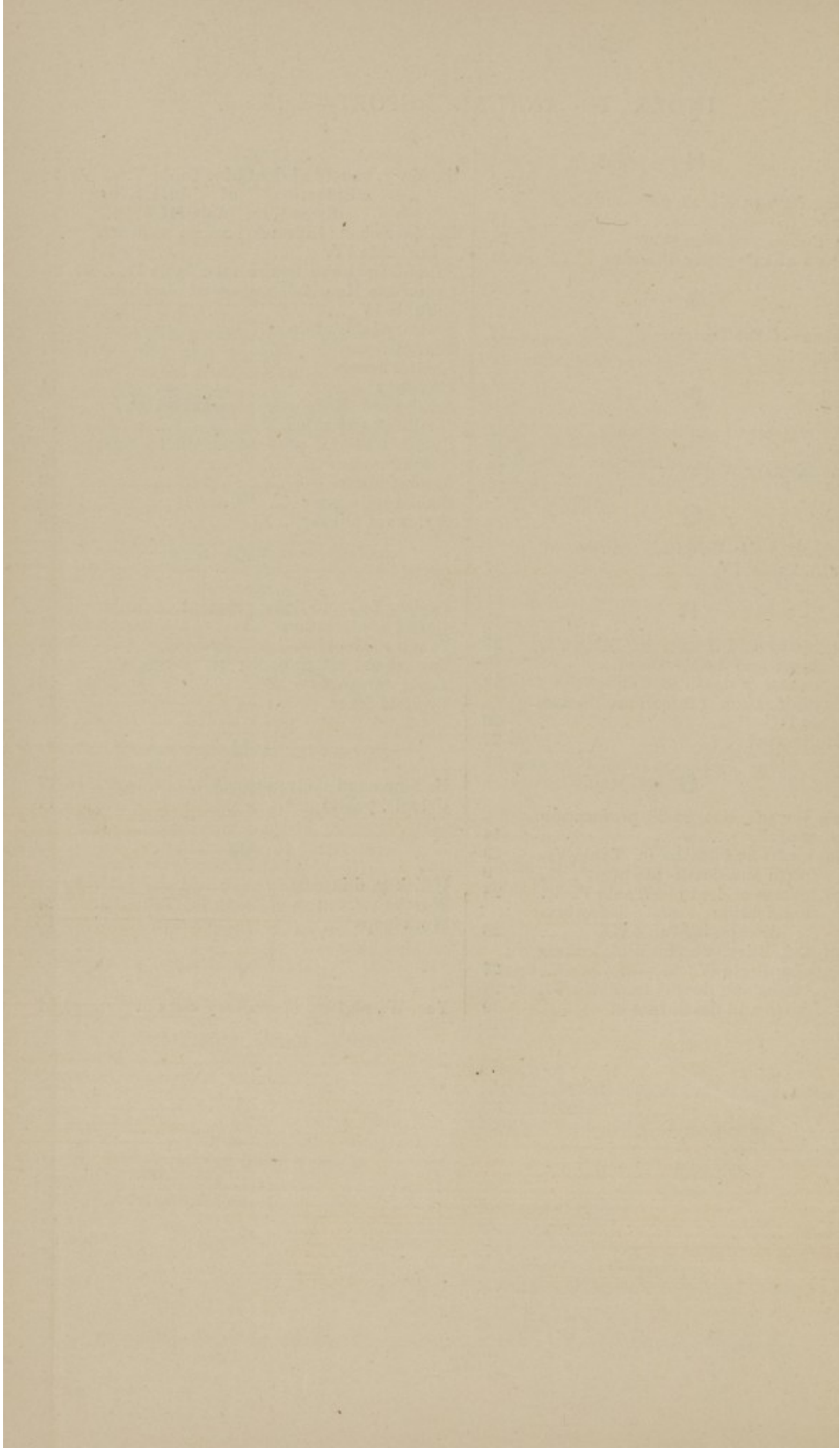
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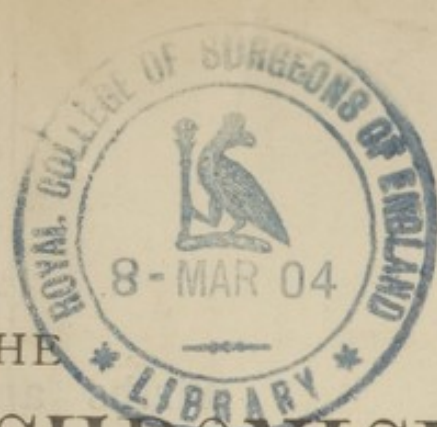
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THE  
**SANITARY CHRONICLES**

OF THE  
**BOROUGH OF ST. MARYLEBONE**

**DURING JANUARY, 1904,**

**BY ALEXANDER WYNTER BLYTH,**

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

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**PUBLIC HEALTH DEPARTMENT, 3, UPPER GLOUCESTER PLACE,  
ST. MARYLEBONE, FEBRUARY 5TH, 1904.**

**VOL. XXIV.**

**No. 1.**

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The week ending January 2nd was gloomy and sunless. On three days rain fell to the amount of 0.19 inch. The minimum temperature was  $27.5^{\circ}$ ; maximum  $38.5^{\circ}$ ; mean,  $34.0^{\circ}$ . Winds, S.E. Barometer, 29.9 inches.

The week ending January 9th was also practically sunless, only 23 minutes of bright sunshine being registered in Regents Park. On five days rain fell to the extent of 0.24 inch. Minimum temperature,  $33.0^{\circ}$ ; maximum,  $47.0^{\circ}$ ; mean,  $41.3^{\circ}$ . Winds S.W. and S.E. Mean barometer 29.9 inches.

The week ending January 16th was brighter the sunshine being 18.8 per cent. of the possible. On five days rain fell to the extent of 0.66 inch. Winds N.W. and S.W. Minimum temperature,  $33.0^{\circ}$ ; maximum,  $54.5^{\circ}$ ; mean,  $43.1^{\circ}$ . Mean barometer, 29.6 inches.

The week ending January 23rd was drier than the preceding weeks, rain only falling on three days to the extent of .22 inch. The sunshine equalled 12.5 per cent. of the possible. Winds N.E. and W.N.W. Mean barometer, 30.3 inches.

The week ending January 30th was one of heavy rain, 0.9 or nearly an inch of rain falling in 4 days. Minimum temperature,  $30.0^{\circ}$ ; maximum,  $51.0^{\circ}$ ; mean,  $42.1^{\circ}$ . Winds S.E. and S.W. Sunshine only 3.2 hours equal to 5.2 per cent. Mean barometer 29.8 inches.



## Births and Deaths.

During the five weeks ending January 30th there have been registered 274 births and 263 deaths. These births and deaths are divided among the five sub-districts as set forth in Table III. Ninety-five of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. .. .	62
North-Western Fever Hospital .. .. .	3
Western Fever Hospital .. .. .	1
St. George's Hospital .. .. .	1
St. Bartholomew's Hospital .. .. .	1
French Hospital .. .. .	1
Italian Hospital .. .. .	1
St. Mary's Hospital .. .. .	5
National Hospital .. .. .	1
Children's Hospital, Great Ormond Street .. .. .	1
Children's Hospital, Paddington .. .. .	1
London Temperance Hospital .. .. .	1
University Hospital .. .. .	4
King's College Hospital .. .. .	1
Central London Sick Asylum .. .. .	1
Claybury Asylum .. .. .	2
Colney Hatch Asylum .. .. .	2
Leavesden Asylum .. .. .	1
Banstead Asylum .. .. .	1
St. Luke's Home .. .. .	1
St. James' Home, Stoke Newington .. .. .	1
River Thames .. .. .	1
In the Streets .. .. .	1
	—
	Total 95

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

All Souls, birth-rate 19·7; death-rate 19·7.

Rectory, birth-rate 16·2; death-rate 17·3.

St. Mary, birth-rate 21·8; death-rate 21·8.

Christ Church, birth-rate 27·1; death-rate 20·3.

St. John, birth-rate 17·8; death-rate 24·4.

The whole district, birth-rate 21·0; death-rate 20·5.

The average death-rates for five years (1898 to 1903) for the corresponding period were as follows:—All Souls, 15·7; Rectory, 25·2; St. Mary, 19·1; Christ Church, 21·3; St. John, 23·2; the whole district, 20·5.

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

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FIVE WEEKS ENDING JANUARY 30TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 5 weeks ending Jan. 30th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Jan. 30, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1898-1903.
1. Deaths from the chief Zymotic Diseases .....	87	141	2.88	2.49
2. Pulmonary, other than Phthisis .....	69	224	3.38	5.81
3. Tubercular .....	31	117	2.42	2.41

NOTES.

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



## The General Health of the District.

The mild, damp January has had no injurious effect on the death rate, which is exactly the average of the past five years. Epidemics were absent. Chest affections less prevalent than usual.

### Dirty Milk.

A Report on this subject by the Medical Officer of Health for Islington is now before the Public Health Committee. It is a fact that a large portion of the milk supply of the Metropolis derived from the country is distinctly dirty. There are model dairy farms in which the udder of each cow is carefully cleansed before milking and the hands of the milkers are also washed, but in a large number these essential precautions are either not done at all, or in a perfunctory manner.

No small portion of town milk is drawn from the cow at about 4 a.m. It is not every farm labourer that on a chilly winter morning, in dark, miserable weather, will spend a quarter of an hour cleaning himself at the pump, and then devote five minutes extra to each cow, the more especially as trains have to be caught and there may be but a scanty margin of time to allow for various contingencies. The Dairies and Milkshops Order enforces general cleanliness in dairies and places where cows are kept, but it seems to be enforced by only a few Local Authorities. In any case it is a difficult matter to enforce cleanliness by Act of Parliament. In the writer's opinion the most practical way to deal with the question would be to fix, after due enquiry, a standard for the amount of dirt in milk, the standard, of course, based on clean commercial milk. It is an absolute impossibility to obtain milk quite free from dust or dirt, but it is not difficult to put into circulation milk which has a very small quantity of impurities derived from the dust of the cowshed and the hair and skin of the animal.











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 January, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
POPULATION AT ALL AGES. (b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		183,901		
(c) Registered Births ...	67		31		38		103		35		274		
(d) Aged under 5 or over 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	FEVERS.												
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	
	2. Scarletina ..	2	4	1	..	2	3	2	2	..	4	7	13
	3. Diphtheria ..	..	3	..	1	..	2	..	..	..	1	..	7
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	1	..	1	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	1	..	2	1	..	1	3
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	1	..	1
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	..	1	..	1	..	5	..	3	..	..	..	10	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	FEVERS.												
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	
	2. Scarletina ..	1	4	1	..	2	3	2	2	..	2	6	11
	3. Diphtheria ..	..	3	..	1	..	1	..	..	..	..	..	5
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	
	6. Enteric or Typhoid ..	..	..	..	..	..	1	..	2	1	..	1	3
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	..	..	..	1	..	1	..	1	..	..	..	..	

TABLE III.—Giving the Causes of Deaths during January, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa .....	..	..	..	1	2	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy ..	..	..	..	..	1	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	1	..
Cancer .....	13	..	..	..	7	..
Phthisis & Tuberculosis	3	..	..	..	14	2
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	..	..
Paralysis .....	..	..	..	..	1	..
Bronchitis .....	1	..	..	3	18	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
"  Heart .....	5	..	..	1	5	..
"  Kidney .....	..	..	..	..	2	..
"  Liver... ..	1	..	..	..	..	..
"  Uterus .....	..	..	..	..	..	..
"  Ovary .....	..	..	..	..	..	..
Parturition .....	..	1	..	..	..	..
Diabetes .....	..	..	..	..	..	..
Fractures and Injuries..	3	..	..	..	..	..
Old Age .....	..	..	..	..	2	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	..	..	..	..	..
Other causes .....	19	4	..	8	9	..
Total .....	*45	†5	..	13	62	‡2

\* Of the 45 deaths in the Middlesex Hospital, 31 were those of non-parishioners.

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

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



TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE  
FIVE WEEKS ENDING JANUARY 10TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fms.	Males	Fms.
All Souls... ..	35,391	34	33	35	32
Rectory .....	19,849	14	17	17	16
St. Mary .....	18,099	24	14	16	22
Christ Church .....	39,536	46	57	43	34
St. John .. ..	20,426	17	18	24	24
Total.....	133,301	135	139	135	128

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.—Causes of, and Ages at, Death during the 5 weeks ending January 30th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ... ..	17	5	10	1	1	..	..	2	..	..	9	6	3	
Scarlet Fever ... ..	1	..	..	..	..	1	..	1	..	..	..	..	..	
Whooping Cough ... ..	3	..	3	..	..	..	..	..	1	..	..	2	1	
Diphtheria and Mem- branous Croup	1	..	..	..	1	..	..	..	..	..	1	..	1	
Croup ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Typhus ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Fever { Enteric ... ..	1	..	..	..	..	1	..	..	..	..	1	..	1	
Other continued ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Epidemic influenza ... ..	7	..	..	..	..	3	4	..	2	1	3	1	..	
Cholera ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Plague ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Diarrhœa ... ..	7	3	1	..	..	1	2	3	2	..	1	1	3	
Enteritis ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Erysipelas ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Other Septic Diseases ... ..	2	..	..	..	..	2	..	..	1	..	..	1	1	
Phthisis ... ..	25	..	..	1	2	21	1	3	4	8	5	5	15	
Other Tubercular Diseases	6	2	..	1	..	3	..	4	..	1	1	..	5	
Cancer, Malignant Disease	16	..	..	..	..	10	6	2	1	5	4	4	11	
Bronchitis ... ..	54	7	1	..	..	18	28	13	3	11	16	11	24	
Pneumonia ... ..	13	3	4	..	..	5	1	5	..	1	5	2	3	
Pleurisy ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Other Diseases of Respiratory Organs	2	..	..	..	..	..	2	..	..	..	2	..	1	
Alcoholism Cirrhosis of Liver } ... ..	4	..	..	..	..	3	1	3	1	..	..	..	3	
Venereal Diseases ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Premature Birth ... ..	3	3	..	..	..	..	..	1	..	1	1	..	..	
Diseases and Accidents of Parturition	..	..	..	..	..	..	..	..	..	..	..	..	1	
Heart Diseases ... ..	21	..	..	3	..	14	4	6	1	1	8	5	12	
Accidents ... ..	6	1	..	1	..	1	3	3	1	..	1	1	5	
Suicides ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	
All other causes... ..	74	16	2	2	2	28	24	21	16	9	19	9	53	
All causes ... ..	263	40	21	9	6	111	76	67	33	38	77	48	*113	

\*Of these 37 were Non-Parishioners.



REGISTER OF SANITARY WORK  
MONTH ENDING 31ST JANUARY, 1904.  
PUBLIC HEALTH DEPARTMENT.

		District Inspectors.										Total.
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.						
<b>Public Health (London) Act.</b>												
Inspections.	Dwelling Houses, &c. ... ..	37	48	35	20	29	...	...	...	...	...	169
	Tenements ... ..	73	36	75	43	47	...	...	...	...	3	277
	Underground Dwellings ... ..	12	...	20	..	10	...	...	...	...	...	42
	Dairies, Milk Shops, Cow Houses	10	3	1	1	3	...	...	...	...	...	18
	Slaughter Houses ... ..	2	2	0	0	2	...	...	...	...	...	6
	Yards, Stables, and Mews ... ..	34	10	30	33	41	...	...	...	...	...	148
	Smoke Shafts ... ..	...	...	...	...	...	...	...	...	2	...	...
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...	...	...	...	...
	Refuse Receptacles ... ..	11	6	5	4	9	...	...	...	...	...	35
	Enquiries re non-removal of refuse	10	8	10	3	7	...	...	...	...	...	38
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...	...	...	...	...
	Visits to Works in progress ... ..	131	160	120	120	147	...	...	...	...	3	681
Miscellaneous Inspections ... ..	42	36	35	140	103	...	...	...	20	78	454	
<b>UNWHOLESOME FOOD.</b>												
Number of seizures made ... ..	...	...	...	...	...	...	...	...	...	...	...	
<b>INFECTIOUS DISEASE:—</b>												
Cases Isolated... ..	...	1	2	...	...	...	...	...	...	...	4	
Cases Removed to Hospital ... ..	6	2	10	4	7	...	...	...	...	...	29	
Rooms Disinfected ... ..	12	5	11	6	15	...	...	...	...	...	49	
<b>NEW DRAINAGE:—</b>												
Number of Plans Passed ... ..	2	3	3	11	7	...	...	...	2	...	28	
New Pipe Drains (feet) ... ..	300	456	320	560	974	...	...	...	85	...	2695	
Houses where defects in existing Drainage have been detected and remedied .. ..	6	4	5	4	7	...	...	...	...	...	26	

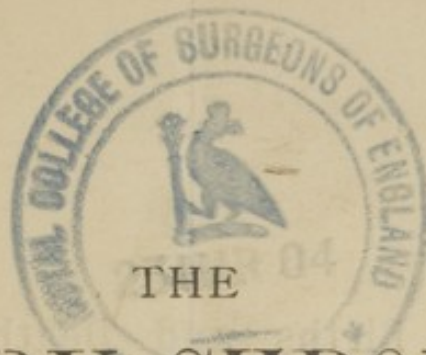
## REGISTER OF SANITARY WORK

MONTH ENDING 31ST JANUARY, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.					Mr. E. Lumley, Dust Inspector,	Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.				
<b>Factory and Workshop Act.</b>									
Enquiries as to Occupation ... ..	...	...	...	...	...	...	18	4	22
Periodical Inspections:—									
Factories ... ..	...	...	...	...	...	...	5	1	6
Workshops ... ..	...	...	...	...	...	...	89	63	152
Bakehouses ... ..	...	...	...	...	...	...	59	...	59
Restaurants, &c. ... ..	...	...	...	...	...	...	40	...	40
Homeworkers' Premises ... ..	...	...	...	...	...	...	5	28	33
Domestic Workshops... ..	...	...	...	...	...	...	8	...	8
<b>Food and Drugs Act.</b>									
<b>ADULTERATION.</b>									
Samples collected for Analysis ...	12	...	15	0	1	...	...	...	28
<b>Correspondence, Legal Procedure, &amp;c.</b>									
Complaints received ... ..	7	11	10	9	...	...	9	8	54
Letters and Intimations relating to Abatement of Nuisances ... ..	18	15	19	29	22	...	3	3	109
Statutory Notices Served ... ..	4	...	2	2	5	...	2	...	15
Proceedings taken before Magistrates ... ..	...	1	...	...	...	...	...	...	1
(1) Under Public Health Act ... ..	...	...	1	...	...	...	...	...	1
(2) „ Factory & Workshop Act ... ..	...	...	...	...	...	...	...	...	...
(3) „ Food & Drugs Act ... ..	...	...	...	...	...	...	...	...	...
Reports made to Medical Officer of Health	32	34	30	50	...	...	29	8	183





# SANITARY CHRONICLES

OF THE

## BOROUGH OF ST. MARYLEBONE

**DURING FEBRUARY, 1904,**

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.

3, UPPER GLOUCESTER PLACE, W., MARCH 6TH, 1904.

VOL. XXIV.

No. 2.

The week ending February 6th was of a moderate temperature the lowest being  $33\cdot0^{\circ}$ ; highest,  $48\cdot0^{\circ}$ ; mean,  $41\cdot8$ . On three days, rain fell to the total amount of 1·12 inch. The winds were N.W. and S.W. Sunshine in Regent's Park (under ten hours) was equal to 13·8 per cent. of the possible. Mean barometer  $29\cdot3$  inches.

The week ending February 13th was wet, rain falling on six days out of the seven to the total amount of 1·24 inch. Minimum temperature,  $33\cdot2^{\circ}$  maximum,  $49\cdot8^{\circ}$ ; mean,  $43\cdot3^{\circ}$ . Winds S.W. Sunshine 12·4 per cent. Mean barometer (low)  $29\cdot1$  inches.

The week ending February 20th was drier and cooler. Minimum temperature,  $30\cdot0^{\circ}$ ; maximum,  $52\cdot8^{\circ}$ ; mean,  $40\cdot2^{\circ}$ . Slight rains fell on four days to the amount of 0·43 inch. Winds, W.N.W. and N.W. Sunshine 14·4 per cent. Mean barometer,  $29\cdot3$  inches.

The week ending February 27th was unseasonably cold. Minimum temperature,  $29\cdot8^{\circ}$ ; maximum,  $53\cdot0^{\circ}$ ; mean,  $39\cdot3^{\circ}$ . There were only two days of rain. The rainfall being 0·05 inch. The winds N.E. and S.E. and the sunshine only 6 per cent. Mean barometer  $29\cdot9$  inches.

The month was therefore unusually wet. More or less rain fell on 15 days, the total rainfall equalling 2·83 inches.

## Births and Deaths.

During the four weeks ending February 27th there have been registered 203 births and 180 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV. Eighty of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. .. .	44
North-West Fever Hospital .. .. .	2
St. Bartholomew's Hospital .. .. .	1
Guy's Hospital .. .. .	1
University Hospital .. .. .	1
Charing Cross Hospital .. .. .	1
St. Mary's Hospital .. .. .	8
Great Northern Hospital .. .. .	1
North-West London Hospital .. .. .	1
Brompton Hospital .. .. .	1
Hanwell Asylum .. .. .	5
Banstead Asylum .. .. .	1
Caterham Asylum .. .. .	2
Claybury Asylum .. .. .	1
Bethlem Hospital .. .. .	1
Colney Hatch Asylum .. .. .	2
Leavesden Asylum .. .. .	1
Miller Hospital .. .. .	1
Children's Hospital, Great Ormond Street .. .. .	1
Children's Hospital, Paddington .. .. .	2
St. Giles' Workhouse .. .. .	1
In the Streets .. .. .	1
	Total 80
	80

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

All Souls, birth-rate 13·2; death-rate 15·1.

Rectory, birth-rate 10·5; death-rate 16·4.

St. Mary, birth-rate 22·8; death-rate 15·8.

Christ Church, birth-rate 25·3; death-rate 19·7.

St. John, birth-rate 26·7; death-rate 20·3.

The whole district, birth-rate 19·8; death-rate 17·5.

The average death-rates for five years (1897 to 1902) for the corresponding period were as follows:—All Souls, 17·6; Rectory, 33·4; St. Mary, 20·1; Christ Church, 25·0; St. John, 18·7; 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 FOUR WEEKS ENDING FEBRUARY 27TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 4 weeks ending Feb. 27th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending Feb. 27, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1898-1903.
1. Deaths from the chief Zymotic Diseases .....	16	89	1.57	2.50
2. Pulmonary, other than Phthisis .....	42	233	4.10	6.32
3. Tubercular .....	18	100	1.76	2.45

NOTES.

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

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

## Health of the District.

The death rates continue abnormally low, and therefore satisfactory. The season, although most uncomfortably wet, has been mild, owing to this the mortality from chest complaints, which is usually at this time of year about 6 per thousand has sunk to 4, the rate for tubercle is also nearly 1 per thousand lower than usual. Seasonal influences afford, however, no explanation of the small incidence of the infectious or notifiable diseases, all of which are remarkably low.

## Free Sanitary Conveniences for Women.

In this district, in the Metropolis generally, and in all large cities there is a considerable roving population of the poorest class of women. These women, driven by urgent and natural necessity, foul various dark corners, badly-lit archways, and secluded spots generally. The only practical abatement and remedy for such continual nuisances is the construction of free conveniences for women, with proper supervision and public notices in the chief thoroughfares denoting their position. The writer is satisfied that the main bulk of these persons have no definite place of abode, hence it is a question whether the establishment and maintenance of such places should not be undertaken by the Central rather than the Local Authorities.

At almost each meeting of the Public Health Committee nuisances are reported of the nature referred to, and the Committee have hitherto been unable to deal with the matter effectually.











TABLE II.—Giving the Causes of Deaths during the four Weeks ending February 27th, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa .....	..	..	..	..	2	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	1	..	..	..	1	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	4	..
Cancer .....	9	..	..	..	7	..
Phthisis & Tuberculosis	3	..	..	..	3	..
Rheumatism .....	..	..	..	..	1	..
Apoplexy .....	..	..	..	..	2	..
Paralysis .....	..	..	..	..	..	..
Bronchitis .....	5	..	..	1	7	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	1	..
Disease of Brain .....	..	..	..	..	..	..
" Heart .....	1	..	..	1	5	..
" Kidney .....	..	..	..	..	3	..
" Liver.....	..	..	..	..	..	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition.....	..	..	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	..	..	..	..	2	..
Old Age .....	..	..	..	..	3	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	..	..	1	..	..
Other causes .....	7	3	..	4	3	..
Total .....	*26	†3	..	7	44	..

\* Of the 26 deaths in the Middlesex Hospital, 21 were those of non-parishioners.

† The 3 deaths in Queen Charlotte's Hospital were non-parishioners; they were all infants.



TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during February, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
POPULATION AT ALL AGES.	(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301		
	(c) Registered Births ...	36		16		32		77		42		203		
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	FEVERS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	
		2. Scarlatina ..	1	2	..	1	4	6	..	2	1	1	6	12
		3. Diphtheria ..	..	2	..	..	..	..	1	2	1	1	2	5
		4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
		5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
		6. Enteric or Typhoid ..	..	..	..	..	..	..	..	..	..	..	..	..
		7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
		8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
		9. Puerperal ..	..	..	..	..	..	..	..	..	..	1	..	1
		10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
		11. Erysipelas ..	..	3	..	2	..	..	3	6	..	..	3	11
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	FEVERS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	
		2. Scarlatina ..	..	2	..	..	1	..	2	1	1	1	6	
		3. Diphtheria ..	..	1	..	..	..	..	1	2	..	..	1	3
		4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	
		5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	
		6. Enteric or Typhoid ..	..	..	..	..	..	..	..	..	..	..	..	
		7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	
		8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	
		9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	
		10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	
		11. Erysipelas ..	..	2	..	1	..	2	..	1	..	..	..	6

TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE  
FOUR WEEKS ENDING FEBRUARY 27TH, 1904.

	Population in 1891,	Births.		Deaths.	
		Males.	Fmbs.	Males	Fmbs.
All Souls.. .. .	35,391	20	16	21	20
Rectory .. . . .	19,849	6	10	15	10
St. Mary .. . . .	18,099	17	15	11	11
Christ Church .. . . .	39,536	34	43	27	33
St. John .. . . .	20,426	25	17	18	14
Total.....	133,301	102	101	92	88

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.—Causes of, and Ages at, Death during the 4 weeks ending February 27th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ... ..	4	..	3	1	..	..	..	1	..	1	2	..	..	..
Scarlet Fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough ...	2	1	1	..	..	..	..	..	..	..	..	2	..	..
Diphtheria and Membranous Croup	2	1	..	1	..	..	..	1	..	..	..	1	1	1
Croup ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Typhus ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric ... ..	1	..	..	1	..	..	..	..	..	1	..	..	..	1
Other continued ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza ...	3	..	..	..	..	3	..	1	1	..	..	1	..	..
Cholera ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa ... ..	3	1	..	..	..	..	2	2	..	..	..	1	2	2
Enteritis ... ..	1	1	..	..	..	..	..	..	..	..	1	..	..	..
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases ...	5	1	..	1	..	3	..	3	..	1	1	..	2	2
Phthisis ... ..	13	..	..	..	3	8	2	3	1	..	7	2	12	12
Other Tubercular Diseases	4	..	3	..	..	1	..	..	1	1	2	..	3	3
Cancer, Malignant Disease	14	..	..	..	..	10	4	4	..	1	7	2	20	20
Bronchitis ... ..	29	2	..	..	..	12	15	8	2	4	11	4	14	14
Pneumonia ... ..	11	2	2	..	..	5	2	2	3	..	3	3	4	4
Pleurisy ... ..	2	..	..	1	1	..	..	..	..	2	..	..	..	..
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism } Cirrhosis of Liver }	3	..	..	..	..	1	2	2	..	1	..	..	2	2
Venereal Diseases ...	4	3	1	..	..	..	..	1	..	..	2	1	5	5
Premature Birth ... ..	5	5	..	..	..	..	..	..	1	..	2	2	..	..
Diseases and Accidents of Parturition	1	..	..	..	..	1	..	1	..	..	..	..	5	5
Heart Diseases ... ..	12	1	..	1	..	5	5	..	3	2	4	3	4	4
Accidents ... ..	6	..	..	..	1	3	2	2	..	2	2	..	1	1
Suicides ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All other causes... ..	55	10	1	1	1	17	25	10	13	6	16	10	38	38
All causes ... ..	180	28	11	7	6	69	59	41	25	22	60	32	*114	*114

\*26 of the 114 deaths were Non-Parishioners.

REGISTER OF SANITARY WORK  
MONTH ENDING 29TH FEBRUARY, 1904.  
PUBLIC HEALTH DEPARTMENT.

	District Inspectors.											Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.							
<b>Public Health (London) Act.</b>												
Inspections.	Dwelling Houses, &c. ... ..	26	29	25	30	31	...	...	...	...	...	141
	Tenements ... ..	42	...	35	28	29	...	...	...	...	...	134
	Underground Dwellings ... ..	18	...	20	5	16	...	...	...	...	...	59
	Dairies, Milk Shops, Cow Houses	8	3	1	2	16	...	...	...	...	...	30
	Slaughter Houses ... ..	2	3	...	...	1	...	...	...	...	...	6
	Yards, Stables, and Mews ... ..	31	10	30	25	43	...	...	...	...	...	139
	Smoke Shafts ... ..	...	...	...	...	...	...	...	...	4	...	4
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...	...	...	...	...
	Refuse Receptacles ... ..	8	4	...	4	3	...	...	45	...	...	64
	Enquiries re non-removal of refuse	4	3	5	3	9	...	...	250	...	2	276
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...	...	...	...	...
Visits to Works in progress ... ..	135	196	130	260	141	...	...	...	...	6	868	
Miscellaneous Inspections ... ..	84	92	85	150	91	...	...	65	20	78	629	
<b>UNWHOLESOME FOOD.</b>												
Number of seizures made ... ..	...	...	...	...	...	...	...	...	...	...	...	...
<b>INFECTIOUS DISEASE:—</b>												
Cases Isolated... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cases Removed to Hospital ... ..	2	1	14	1	3	...	...	...	...	...	21	
Rooms Disinfected ... ..	10	1	14	4	16	...	...	...	...	...	45	
<b>SEWER DRAINAGE:—</b>												
Number of Plans Passed ... ..	5	4	3	8	5	...	...	...	2	...	27	
New Pipe Drains (feet) ... ..	520	860	530	860	1312	...	...	...	89	...	4171	
Houses where defects in existing Drainage have been detected and remedied .. ..	6	7	5	6	9	...	...	...	...	...	33	



## REGISTER OF SANITARY WORK

MONTH ENDING 29TH FEBRUARY, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.											Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.							
<b>Factory and Workshop Act.</b>												
Enquiries as to Occupation ... ..	...	...	...	...	...	...	...	...	...	29	10	39
Periodical Inspections :—												
Factories ... ..	...	...	...	...	...	...	...	...	...	4	...	4
Workshops ... ..	...	...	...	...	...	...	...	...	...	73	17	90
Bakehouses ... ..	...	...	...	...	...	...	...	...	...	69	...	69
Restaurants, &c. ... ..	...	...	...	...	...	...	...	...	...	30	...	30
Homeworkers' Premises ... ..	...	...	...	...	...	...	...	...	...	5	117	122
Domestic Workshops... ..	...	...	...	...	...	...	...	...	...	7	...	7
<b>Food and Drugs Act.</b>												
<b>ADULTERATION.</b>												
Samples collected for Analysis ... ..	18	23	5	...	22	...	...	...	...	...	...	74
<b>Correspondence, Legal Procedure, &amp;c.</b>												
Complaints received ... ..	11	22	6	8	10	...	...	40	4	3	...	104
Letters and Intimations relating to Abatement of Nuisances ... ..	34	30	32	25	26	...	...	12	3	10	...	172
Statutory Notices Served ... ..	4	2	3	2	7	...	...	...	1	...	...	19
Proceedings taken before Magistrates ... ..	...	1	...	...	...	...	...	...	...	...	...	...
(1) Under Public Health Act ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(2) „ Factory & Workshop Act ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(3) „ Food & Drugs Act ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Reports made to Medical Officer of Health	32	36	30	56	47	...	...	15	28	12	...	256

THE  
SANITARY CHRONICLES

OF THE  
BOROUGH OF ST. MARYLEBONE

DURING MARCH, 1904,

Containing a Quarterly Summary of the Mortality Statistics  
for the Quarter ending March 26th, 1904, 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.

3, UPPER GLOUCESTER PLACE, W., APRIL 11TH, 1904.

VOL. XXIV.

No. 3

The week ending March 5th was a cold week. Minimum temperature,  $27.5^{\circ}$ ; maximum,  $40.0^{\circ}$ ; mean,  $34.4^{\circ}$ . On four days rain, snow, or sleet fell to the amount of 0.53 inch. Sunshine scarcely 4 per cent. Wind easterly. Barometer 29.9 inches.

The week ending March 12th had similar weather, but slightly warmer. Minimum temperature,  $30.0^{\circ}$ ; maximum,  $58.0^{\circ}$ ; mean,  $52.0^{\circ}$ . On four days rain fell, the total fall measuring 0.28 inch. Winds E. and N.E. Sunshine registered in Regent's Park was equal to 22.9 hours, or nearly 29 per cent. Mean barometer 29.8 inches.

The week ending March 19th was fairly dry, only one shower of rain falling (0.03 inch). Minimum temperature,  $26.5^{\circ}$ ; maximum,  $54.0^{\circ}$ ; mean,  $43.1^{\circ}$ . Winds N.E. and W.S.W. Sunshine only 10 per cent. Mean barometer 29.7 inches.

The week ending March 26th was warmer than the three preceding weeks. Minimum temperature,  $32.5^{\circ}$ ; maximum,  $53.0^{\circ}$ ; mean,  $44.9^{\circ}$ . On three days slight rain fell (0.22 inch). Winds N.N.W. and N.E. Sunshine 8 per cent. Mean barometer 30.0 inches.



## Births and Deaths.

During the four weeks ending March 26th there have been registered 197 births and 212 deaths—equal to a birth-rate of 19·2 and a death-rate of 20·7 per thousand. The mean death-rate for the corresponding period during the last five years is 22·6 per thousand.

### Quarterly Summary.

During the March Quarter there have been registered 674 births and 655 deaths. These births and deaths are divided among the five sub-districts as set forth in Table VI. 255 of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. .. .	154
North-West Fever Hospital .. .. .	5
Western Fever Hospital .. .. .	1
St. Bartholomew's Hospital .. .. .	3
St. Thomas' Hospital .. .. .	1
Guy's Hospital .. .. .	1
St. George's Hospital .. .. .	1
University Hospital .. .. .	6
Kings' College Hospital .. .. .	1
Charing Cross Hospital .. .. .	1
St. Mary's Hospital .. .. .	17
National Hospital .. .. .	1
Great Northern Hospital .. .. .	2
French Hospital .. .. .	1
Italian Hospital .. .. .	1
North-West London Hospital .. .. .	1
Brompton Hospital .. .. .	1
Hanwell Asylum .. .. .	11
Banstead Asylum .. .. .	2
Tooting Bec Asylum .. .. .	1
Caterham Asylum .. .. .	2
Claybury Asylum .. .. .	5
Bethlem Hospital .. .. .	1
Colney Hatch Asylum .. .. .	5
Manor Asylum, Epsom .. .. .	1
Leavesden Asylum .. .. .	3
St. Luke's House .. .. .	2
St. James' Home, Stoke Newington .. .. .	1
Miller Hospital .. .. .	1
London Temperance Hospital .. .. .	2
Children's Hospital, Great Ormond Street .. .. .	3
Children's Hospital, Paddington .. .. .	6
St. Giles' Workhouse .. .. .	1
St. Pancras Infirmary .. .. .	1
Central London Sick Asylum .. .. .	1
"The Rest," Clapton .. .. .	1
Freidenheim .. .. .	3
River Thames .. .. .	1
In the Streets .. .. .	3
<b>Total</b>	<b>255</b>

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

All Souls, birth-rate 16·9; death-rate 18·4.

Rectory, birth-rate 14·9; death-rate 16·7.

St. Mary, birth-rate 21·2; death-rate 20·8.

Christ Church, birth-rate 26·4; death-rate 21·1.

St. John, birth-rate 18·2; death-rate 20·7.

The whole district, birth-rate 20·3; death-rate 19·7.

The average death-rates for five years (1898 to 1903) for the corresponding period were as follows:—All Souls, 13·6; Rectory, 27·0; St. Mary, 20·6; Christ Church, 24·1; St. John, 20·4; the whole district, 21·4.

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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 MARCH 26TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 13 weeks ending Mar. 26th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending Mar. 26, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1898-1903.
1. Deaths from the chief Zymotic Diseases .....	67	102	2·05	2·69
2. Pulmonary, other than Phthisis .....	171	261	5·14	5·87
3. Tubercular .....	80	122	2·40	2·72

NOTES.

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

## Smallpox.

Smallpox has appeared among the denizens of Common Lodging Houses and Workhouses in the Metropolis. In this district there have been but two cases up to date and it is improbable that there will be any considerable extension.

The experience of many years clearly shows that a community, save under exceptional circumstances is reasonably safe from epidemic, unless there is a large increase of cases in April, the maximum of epidemicity falling in the month of May.

### Prosecutions under the Public Health Act.

The owner of 13, King Street, was proceeded against for failing to carry out a notice to drain the premises and a Magistrate's order obtained. Subsequently the defendant was arrested and imprisoned for non-payment of rates, and the enforcement of the order has to await his release.

The owner of 39, Townshend Road, was summoned for failure to comply with a notice to re-drain the premises. The Magistrate adjourned the case for the work to be done.

### Sale of Food and Drugs Act.

The usual large number of samples were taken during the quarter, as set forth in detail in Table IX. Of the 153 samples, four were certified to be adulterated, three of the samples were milk, one sample was butter. The latter contained a small percentage of water above the limit and it was thought, under the circumstances, sufficient to acquaint the trader with the fact and to warn him to cease selling an article slightly below standard, the same course was taken with one of the samples of milk.

In another case in which the milk was certified to be diluted with 8 per cent. of water, the legal adviser discovered a flaw in the procedure of taking the sample and the case was not further proceeded with, but the vendor will be watched and other samples taken from time to time.

James Bush, of 25, Townshend Road, was fined £10 and £3 3s. costs for selling milk diluted with 19 per cent. of 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, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
	POPULATION AT ALL AGES.												
(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,424		133,301		
(c) Registered Births ...	47		27		26		81		16		197		
(d) Aged under 5 or over 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	FEVERS.												
	1. Smallpox ..	..	..	..	2	..	..	..	..	..	..	2	
	2. Scarlatina ..	3	4	..	1	1	..	1	3	..	3	5	11
	3. Diphtheria ..	..	2	..	..	..	..	..	1	1	..	1	3
	4. Membranous Croup ..	..	..	..	..	..	..	1	..	..	..	1	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	..	..	1	..	..	..	1
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	1	..	..	..	..	..	..	..	1
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	..	1	..	4	..	1	..	6	..	1	..	13	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	FEVERS.												
	1. Smallpox ..	..	..	..	2	..	..	..	..	..	..	2	
	2. Scarlatina ..	2	3	1	1	..	..	..	1	..	3	3	8
	3. Diphtheria ..	..	..	..	..	..	..	..	1	..	1	..	
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	
	6. Enteric or Typhoid ..	..	..	..	..	..	..	..	..	..	..	..	
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	
11. Erysipelas ..	..	..	..	4	..	..	..	1	..	1	..	6	

TABLE III.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during March Quarter, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,361		
(c) Registered Births ..	150		74		96		261		93		674		
(d) Aged under 5 or over 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	1. Smallpox ..	..	..	2	..	..	..	..	..	..	..	2	
	2. Scarlatina ..	6	10	1	2	7	9	3	7	1	8	18	36
	3. Diphtheria ..	..	7	..	1	..	2	1	3	2	2	3	15
	4. Membranous Croup..	..	..	..	..	..	..	1	..	1	..	2	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	..	..	..	..	1	..	3	1	..	1	4
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	1	..	..	..	..	..	2	..	3
	10. Cholera..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	5	..	7	..	6	3	15	..	1	3	34
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	2	..	..	..	..	..	..	..	2	
	2. Scarlatina ..	3	9	2	1	2	4	2	5	1	6	10	25
	3. Diphtheria ..	..	4	..	1	..	1	1	2	1	..	2	8
	4. Membranous Croup..	..	..	..	..	..	..	..	..	..	..	..	
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	
	6. Enteric or Typhoid	..	..	..	..	..	1	..	2	1	..	1	3
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	
	9. Puerperal	..	..	..	..	..	..	..	..	..	..	..	
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	
	11. Erysipelas ..	..	2	..	6	..	3	..	3	..	1	..	15



TABLE IV.—Giving the Causes of Deaths during the March Quarter, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhoea .....	..	..	..	2	4	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	3	..	..	..	4	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	7	..
Cancer .....	29	..	..	..	16	..
Phthisis & Tuberculosis	8	..	..	..	30	4
Rheumatism .....	..	..	..	..	1	..
Apoplexy .....	..	..	..	..	3	..
Paralysis .....	..	..	..	..	4	..
Bronchitis .....	12	..	..	5	39	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	1	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart .....	8	..	..	3	11	..
„ Kidney .....	..	..	..	..	5	..
„ Liver.....	1	..	..	..	..	..
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition.....	..	3	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries.	4	..	..	..	2	..
Old Age .....	..	..	..	..	10	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	1	..	1	..	..
Other causes .....	35	9	..	12	17	1
Total .....	*100	†13	..	23	154	‡5

\* Of the 100 deaths in the Middlesex Hospital, 71 were those of non-parishioners.

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

‡ The 5 deaths in St. John's Hospital were those of non-parishioners.







THE WEEK END OF SCARLET  
AND SQUABOX DURING 1904





TABLE V.—DISTRICT BIRTHS AND DEATHS FOR THE  
FOUR WEEKS ENDING MARCH 26TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls .....	35,391	22	25	33	22
Rectory .....	19,849	12	15	9	16
St. Mary .....	18,099	14	12	19	15
Christ Church .....	39,536	40	41	44	28
St. John .....	20,426	6	10	13	13
Total .....	133,301	94	103	118	94

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 MARCH 25TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fms.	Males	Fms.
All Souls.. .. .	35,391	76	74	89	74
Rectory .. .	19,849	32	42	41	42
St. Mary .. .	18,099	55	41	46	48
Christ Church .. .	39,536	120	141	114	95
St. John .. .. .	20,426	48	45	55	51
Total .. .	133,301	331	343	345	310

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 VII.—Causes of, and Ages at, Death during the 4 weeks ending March 26th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)					Deaths in Public Institutions.
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.	
Smallpox ... ..	..	...	...	...	...	...	...	...	...	..	...	...	...
Measles ... ..	6	2	4	...	...	...	...	1	1	...	4	...	...
Scarlet Fever ... ..	1	...	1	...	...	...	...	1	...	...	...	...	1
Whooping Cough ... ..	1	1	...	...	...	...	...	1	...	...	...	...	...
Diphtheria and Membranous Croup ... ..	1	...	...	1	...	...	...	1	...	...	...	...	1
Fever { Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Enteric ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Other continued ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic influenza ... ..	3	...	...	...	...	1	2	...	1	1	...	1	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ... ..	2	1	1	...	...	...	...	...	...	1	...	1	1
Enteritis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases ... ..	1	...	...	...	...	...	1	...	...	1	...	...	...
Phthisis ... ..	26	...	1	2	...	21	2	7	5	4	9	1	16
Other Tubercular Diseases ... ..	6	2	1	2	...	1	...	2	1	2	1	...	4
Cancer, Malignant Disease ... ..	10	...	...	...	...	8	2	1	1	2	3	3	11
Bronchitis ... ..	40	4	6	1	...	12	17	9	7	5	16	3	25
Pneumonia ... ..	20	2	7	1	1	3	6	6	1	3	7	3	5
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism	1	...	...	...	...	1	...	1	...	...	...	...	...
Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Venereal Diseases ... ..	2	1	1	...	...	...	...	...	...	...	1	1	1
Premature Birth ... ..	5	5	...	...	...	...	...	3	...	1	...	1	1
Diseases and Accidents of Parturition ... ..	2	...	...	...	...	1	1	...	1	1	...	...	5
Heart Diseases ... ..	8	1	...	...	...	3	4	...	1	4	1	2	4
Accidents ... ..	4	...	...	...	1	3	...	4	...	...	...	...	...
Suicides ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
All other causes... ..	73	12	6	1	3	23	28	18	6	9	30	10	41
All causes ... ..	212	31	28	8	5	77	63	55	25	34	72	26	*116

\*Of these deaths 27 were Non-Parishioners.

TABLE VIII.—Causes of, and Ages at, Death during the 13 weeks ending March 26th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages).					Deaths in Public Institutions.	
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.		
Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	27	7	17	2	1	..	..	4	1	1	15	6	3	
Scarlet Fever .. .. .	2	..	1	..	..	1	..	2	..	..	..	..	1	
Whooping Cough .. .. .	6	2	4	..	..	..	..	1	1	..	..	4	2	
Diphtheria and Membranous Croup .. .. .	4	1	..	2	1	..	..	2	..	..	1	1	2	
FEVER { Typhus .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
{ Enteric .. .. .	2	..	..	1	..	1	..	..	..	1	1	..	2	
{ Other continued .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
Epidemic Influenza .. .. .	13	..	..	..	..	7	6	1	4	2	3	3	..	
Cholera .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
Plague .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
Diarrhoea .. .. .	12	5	2	..	..	1	4	5	2	1	1	3	6	
Enteritis .. .. .	1	1	..	..	..	..	..	..	..	..	1	..	..	
Puerperal Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
Other Septic Diseases .. .. .	8	1	..	1	..	5	1	3	1	2	1	1	3	
Phthisis .. .. .	64	..	1	3	5	50	5	13	10	12	21	8	43	
Other Tubercular Diseases .. .. .	16	4	4	3	..	5	..	6	2	4	4	..	12	
Cancer, Malignant Disease .. .. .	40	..	..	..	..	28	12	7	2	8	14	9	42	
Bronchitis .. .. .	123	13	7	1	..	42	60	30	12	20	43	18	63	
Pneumonia .. .. .	44	7	13	1	1	13	9	13	4	4	15	8	12	
Pleurisy .. .. .	2	..	..	1	1	..	..	..	..	2	..	..	..	
Other Diseases of Respiratory Organs .. .. .	2	..	..	..	..	..	2	..	..	..	2	..	1	
Alcoholism } .. .. .	8	..	..	..	..	5	3	6	1	1	..	..	5	
Cirrhosis of Liver } .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
Venereal Diseases .. .. .	6	4	2	..	..	..	..	1	..	..	3	2	6	
Premature Birth .. .. .	13	13	..	..	..	..	..	4	1	2	3	3	1	
Diseases and Accidents of Parturition .. .. .	3	..	..	..	..	3	..	1	1	1	..	..	11	
Heart Diseases .. .. .	41	2	..	4	..	22	13	6	5	7	13	10	20	
Accidents .. .. .	16	1	..	1	2	7	5	9	1	2	3	1	6	
Suicides .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	
All other causes .. .. .	202	38	9	4	6	67	7	49	35	24	65	29	12	
All causes .. .. .	655	99	60	24	17	25	198	163	83	94	209	106	373	

\*Of these 90 were Non-Parishioners.



TABLE IX.—SALE OF FOOD AND DRUGS ACTS.  
 SAMPLES ANALYSED DURING MARCH QUARTER, 1904.

	Genuine.	Adulterated.	Total.
<b>DAIRY PRODUCTS—</b>			
Milk .. .. .	65	3	68
Butter .. .. .	13	1	14
Cream .. .. .	2	—	2
Margarine .. .. .	3	—	3
<b>ALCOHOLIC BEVERAGES—</b>			
Whisky .. .. .	5	—	5
Brandy .. .. .	2	—	2
Rum .. .. .	2	—	2
Gin.. .. .	3	—	3
<b>NON-ALCOHOLIC BEVERAGES—</b>			
Coffee .. .. .	3	—	3
Coffee and Chicory .. .. .	2	—	2
Cocoa .. .. .	2	—	2
<b>CONDIMENTS—</b>			
Pepper .. .. .	8	—	8
Mustard .. .. .	6	—	6
Vinegar .. .. .	5	—	5
Salt .. .. .	1	—	1
Currie Powder .. .. .	1	—	1
<b>SACCHARINE SUBSTANCES—</b>			
Jam .. .. .	3	—	3
Sugar .. .. .	1	—	1
Sweets .. .. .	3	—	3
<b>TINNED GOODS—</b>			
Condensed Milk .. .. .	4	—	4
Sardines .. .. .	1	—	1
Salmon .. .. .	1	—	1
Bloater Paste .. .. .	1	—	1
Tinned Peas .. .. .	1	—	1
<b>DRUGS—</b>			
Bicarbonate of Soda .. .. .	1	—	1
<b>MISCELLANEOUS—</b>			
Olive Oil .. .. .	2	—	2
Beef Dripping .. .. .	1	—	1
Sauce .. .. .	1	—	1
Jelly .. .. .	1	—	1
	149	4	153

## REGISTER OF SANITARY WORK

MONTH ENDING 31ST MARCH, 1904.

## PUBLIC HEALTH DEPARTMENT.

		District Inspectors.											Total.
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.							
<b>Public Health (London) Act.</b>													
Inspections.	Dwelling Houses, &c. ... ..	37	39	35	40	43	...	...	...	...	...	194	
	Tenements ... ..	46	...	45	76	37	...	...	...	...	...	204	
	Underground Dwellings ... ..	11	3	25	3	19	...	...	...	...	...	61	
	Dairies, Milk Shops, Cow Houses	6	3	1	4	10	...	...	...	...	...	24	
	Slaughter Houses ... ..	2	4	...	...	1	...	...	...	...	...	7	
	Yards, Stables, and Mews ... ..	42	32	40	60	64	...	...	...	...	...	238	
	Smoke Shafts ... ..	...	...	...	...	...	...	...	...	4	...	4	
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...	...	...	...	...	
	Refuse Receptacles ... ..	10	8	...	8	9	...	...	20	...	...	55	
	Enquiries re non-removal of refuse	8	5	6	6	7	...	...	250	...	3	285	
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...	...	...	...	...	
	Visits to Works in progress ...	162	192	150	190	174	...	...	...	...	28	896	
Miscellaneous Inspections ... ..	96	84	95	280	88	...	...	90	...	79	812		
<b>UNWHOLESOME FOOD.</b>													
Number of seizures made ... ..		...	...	...	...	...	...	...	...	...	...	...	
<b>INFECTIOUS DISEASE:—</b>													
Cases Isolated .. ...		...	...	...	3	2	...	...	...	...	...	5	
Cases Removed to Hospital ... ..		4	...	5	4	5	...	...	...	...	...	18	
Rooms Disinfected ... ..		10	...	5	12	11	...	...	...	...	...	38	
<b>NEW DRAINAGE:—</b>													
Number of Plans Passed ... ..		2	4	6	9	...	...	...	...	...	...	21	
New Pipe Drains (feet) ... ..		460	850	650	980	1264	...	...	...	...	...	4204	
Houses where defects in existing Drainage have been detected and remedied .. ...		5	7	6	4	5	...	...	...	...	...	27	



## REGISTER OF SANITARY WORK

MONTH ENDING 31ST MARCH, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.										Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.						
<b>Factory and Workshop Act.</b>											
Enquiries as to Occupation ... ..	...	...	...	...	...	...	...	...	20	18	38
Periodical Inspections :—											
Factories ... ..	...	...	...	...	...	...	...	...	2	...	2
Workshops ... ..	...	...	...	...	...	...	...	...	49	120	169
Bakehouses ... ..	...	...	...	...	...	...	...	...	20	...	20
Restaurants, &c. ... ..	...	...	...	...	...	...	...	...	10	...	10
Homeworkers' Premises ... ..	...	...	...	...	...	...	...	...	30	95	125
Domestic Workshops... ..	...	...	...	...	...	...	...	...	...	1	1
<b>Food and Drugs Act.</b>											
ADULTERATION.											
Samples collected for Analysis ...	9	7	10	24	...	...	...	...	...	...	50
<b>Correspondence, Legal Procedure, &amp;c.</b>											
Complaints received ... ..	6	...	8	12	8	...	...	59	5	15	113
Letters and Intimations relating to Abatement of Nuisances ... ..	28	...	25	35	12	...	...	10	3	15	128
Statutory Notices Served ... ..	2	3	2	...	7	...	...	...	1	...	15
Proceedings taken before Magistrates ... ..	...	...	...	...	...	...	...	...	...	...	...
(1) Under Public Health Act ... ..	...	1	...	...	...	...	...	...	...	...	1
(2) „ Factory & Workshop Act ... ..	...	...	...	...	...	...	...	...	...	...	...
(3) „ Food & Drugs Act ... ..	...	...	...	...	...	...	...	...	...	...	...
Reports made to Medical Officer of Health	32	34	31	56	47	...	...	15	25	12	252

STATEMENT OF RECEIPTS

DATE	DESCRIPTION	AMOUNT	TOTAL
1880	...	...	...
1881	...	...	...
1882	...	...	...
1883	...	...	...
1884	...	...	...
1885	...	...	...
1886	...	...	...
1887	...	...	...
1888	...	...	...
1889	...	...	...
1890	...	...	...
1891	...	...	...
1892	...	...	...
1893	...	...	...
1894	...	...	...
1895	...	...	...
1896	...	...	...
1897	...	...	...
1898	...	...	...
1899	...	...	...
1900	...	...	...



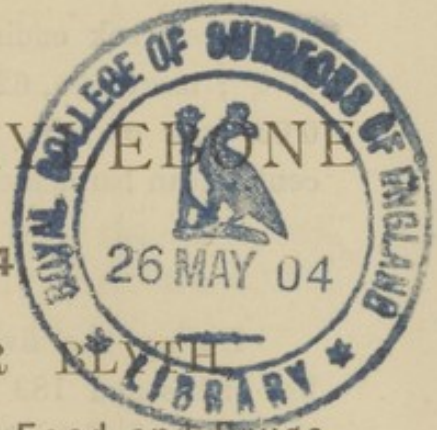
THE  
SANITARY CHRONICLES

OF THE  
BOROUGH OF ST. MARYLEBONE

DURING APRIL, 1904

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.

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VOL. XXIV. 3, UPPER GLOUCESTER PLACE, W., MAY 9TH, 1904. No. 34

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The week ending April 2nd was one of moderate temperatures and variable winds. Minimum temperature,  $33\cdot5^{\circ}$ ; maximum,  $52\cdot5^{\circ}$ ; mean,  $43\cdot8^{\circ}$ . On three days rain fell to the amount of 0·83 inch. The sunshine in Regent's Park was equal to 24 per cent. of the possible. Mean barometer 29·9 inches.

The week ending April 9th was showery. Minimum temperature,  $38\cdot0^{\circ}$ ; maximum,  $63\cdot5^{\circ}$ ; mean,  $50\cdot1^{\circ}$ . Winds N.W. and W.N.W. Sunshine equal to 34 per cent. Rain fell on five days; the total rainfall equalling 0·33 inch. Mean barometer 29·8 inches.

The week ending April 16th was a fine spring week. Minimum temperature,  $36\cdot8^{\circ}$ ; maximum,  $65\cdot5^{\circ}$ ; mean,  $51\cdot8^{\circ}$ . On two days rain fell 0·32 inch. Winds W.N.W. and N.W. Sunshine 33 per cent. Mean barometer 29·6 inches.

The week ending April 23rd was a bright dry week. Minimum temperature, 37·2°; maximum, 66·0°; mean, 52·6°. On one day only rain fell 0·12 inch. Winds N.E. and S.W. Sunshine 40 per cent. of the possible. Mean barometer 29·9 inches.

The week ending April 30th was also fine. Minimum temperature 40·0°; maximum, 62·0°; mean, 52·9°. On three days slight showers yielded 0·03 inch of rain. The winds W.S.W. and W.N.W. Sunshine 28·5 per cent. Mean barometer 29·9 inches.

### Births and Deaths.

During the five weeks ending April 30th there have been registered 297 births and 189 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV, 59 of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. .. .	35
North-West Fever Hospital .. . . .	4
St. Mary's Hospital .. . . .	6
Guy's Hospital .. . . .	1
University College Hospital .. . . .	1
St. Bartholomew's Hospital .. . . .	1
Hospital for women, Soho .. . . .	1
St. Pancras Infirmary .. . . .	1
Central London Sick Asylum .. . . .	1
Bellevue, Haverstock Hill .. . . .	1
City of London Asylum .. . . .	1
Middlesex Asylum .. . . .	1
Hanwell Asylum .. . . .	2
Claybury Asylum .. . . .	1
Leavesden Asylum .. . . .	1
In the Serpentine .. . . .	1
	—
	Total 59



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

All Souls, birth-rate 18·8; death-rate 14·1.

Rectory, birth-rate 15·7; death-rate 12·8.

St. Mary, birth-rate 27·0; death-rate 16·1.

Christ Church, birth-rate 27·9; death-rate 15·3.

St. John, birth-rate 25·4; death-rate 16·3.

The whole district, birth-rate 23·2; death-rate 14·7.

The average death-rates for five years (1899 to 1903) for the corresponding period were as follows :—All Souls, 13·8; Rectory, 17·7; St. Mary, 16·5; Christ Church, 19·5; St. John, 17·5; the whole district, 16·8.

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

TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FIVE WEEKS ENDING APRIL 30TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES :—

	Total Deaths. — 5 weeks ending April 30th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Apr. 30, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1897-1903.
1. Deaths from the chief Zymotic Diseases .....	21	111	1·64	1·72
2. Pulmonary, other than Phthisis .....	40	211	3·12	3·92
3. Tubercular .....	25	132	1·95	2·23

NOTES.

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

## General Health of the District.

The general health of the district, mainly owing to the bright mild weather of April, continues excellent. So far the few cases of smallpox have been confined to the Workhouse, to the class which recent events have shown is a potent factor in all epidemics in disseminating the malady.

The risk of spreading is however much minimised when the patients are attacked in an institution like the Workhouse, under strict observation and discipline; it is gratifying to note that as yet not a single case has been notified from the Salvation Army Shelter or from the numerous Common Lodging Houses in the district.

## Report under the Housing of the Working Classes Act.

No. 9, Gee's Court has been reported as unfit for habitation, and a summons taken out for the purpose of closing the premises.

The back and front walls are in a bad state, woodwork throughout old and decayed, windows broken, drains defective and the whole place in a state of utter neglect.

Probably nothing short of re-building will put the premises in a proper and fit state for habitation.

## Legal Proceedings under the Public Health (London) Act.

It is seldom that a Magistrate's Order has to be obtained to enter premises. A complaint was laid that the occupier of a certain room in Capland Street kept her room in a filthy, even disgusting, condition. She refused to allow the Inspector to view the same, and recourse had to be made to a magistrate. An order was granted, but in the meantime the lady had done a considerable amount of spring cleaning, and by the time the Inspector gained



access, there was not much fault to be found. A good result therefore was obtained quicker than if there had been no preliminary opposition.

No. 13, King's Place\* was again before the magistrate; the Order of the Court not having been obeyed, the magistrate ordered the house to be closed until the necessary sanitary works of drainage, &c., had been properly carried out.

### Nuisance from Garages and Motor Cars.

The Public Health Committee will shortly have to consider the important question of how to deal with the serious complaints of nuisance incidental to the Motor Car industry. There are several garages in the district in which cars are stored, charged with petrol, cleaned, repaired, and the engines started to see that each cylinder beats in proper time and that all is in order; during this operation, more especially if the crank chamber is full of oil, or if the engine is dirty, there is considerable smell, and more or less noise.

In one case the occupiers of adjoining premises have laid a formal complaint by petition, and there is not the slightest doubt that there is nuisance—nuisance that is inseparable from the industry, and one difficult to deal with without seriously interfering with a growing and important trade.

It is the writer's opinion that all garages of the kind should have a special shed or room in which to start the engines; any architect could design by means of double walls a practically noise-proof shed; there would also have to be a flue with good draught carrying the waste gases away to the height of the highest chimneys in the neighbourhood.

This means a considerable expenditure of money, but when any person establishes a new, noisy, and intermittently offensive business in densely populous localities, he must either spend money in minimising any nuisance incidental to the business, or run the risk of having his business entirely prohibited.

\*Erroneously described in last month's Chronicles as King Street.

TABLE III.—Giving the Causes of Deaths during April, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa .....	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	4	..	..	..	..	..
Pyæmia .....	..	..	..	..	1	..
Syphilis .....	..	..	..	..	..	..
Cancer .....	11	..	..	..	1	..
Phthisis & Tuberculosis	2	..	..	..	8	2
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	1	..
Paralysis .....	..	..	..	..	2	..
Bronchitis .....	1	..	..	1	8	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
" Heart .....	3	..	..	1	1	..
" Kidney .....	..	..	..	..	..	..
" Liver.....	1	..	..	..	..	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition.....	..	..	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries.	1	..	..	..	..	..
Old Age.....	..	..	..	..	5	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	..	..	..	..	..
Other causes .....	16	..	1	2	8	1
Total .....	*39	..	**1	4	35	†3

\* Of the 39 deaths in the Middlesex Hospital, 27 were those of non-parishioners.

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

† Of the three deaths in the Hospital of St. John two were non-parishioners.



NUMBER OF THEORETICAL AND PRACTICAL  
QUESTIONS INVOLVING THE NUMBER OF

NO.	DATE	NAME	MARKS	REMARKS
1				
2				
3				
4				
5				
6				
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9				
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13				
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98				
99				
100				







TABLE V.—DISTRICT BIRTHS AND DEATHS FOR THE  
FIVE WEEKS ENDING APRIL 30TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls .....	35,391	31	33	24	24
Rectory .....	19,849	16	14	15	8
St. Mary .....	18,099	23	24	16	12
Christ Church .....	39,536	56	50	38	20
St. John .....	20,426	20	30	12	20
Total .....	133,301	146	151	105	84

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.—Causes of, and Ages at, Death during the 5 weeks ending April 30th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ... ..	12	1	11	..	..	..	..	4	..	6	1	1	1	1
Scarlet Fever ... ..	2	..	..	2	..	..	..	..	..	1	1	..	..	2
Whooping Cough ... ..	3	..	3	..	..	..	..	1	..	..	..	..	2	2
Diphtheria and Mem- branous Croup	1	..	1	..	..	..	..	..	..	1	..	..	..	1
Croup ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhus ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Enteric ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other continued ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza ... ..	2	..	1	..	..	..	..	1	1	1	..	..	..	..
Cholera ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis ... ..	1	1	..	..	..	..	..	..	..	..	1	..	..	..
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis ... ..	21	..	..	..	2	22	..	6	4	4	8	2	12	12
Other Tubercular Diseases	1	..	..	..	..	1	..	..	..	..	..	1	3	3
Cancer, Malignant Disease	5	..	..	..	..	2	3	3	..	1	..	1	10	10
Bronchitis ... ..	25	4	1	..	..	11	9	6	2	4	11	2	11	11
Pneumonia ... ..	15	3	2	1	..	7	2	3	2	1	6	3	4	4
Pleurisy ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism Cirrhosis of Liver } ... ..	2	..	..	..	..	1	1	..	..	1	1	..	..	2
Venereal Diseases ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature Birth ... ..	3	3	..	..	..	..	..	..	..	1	2	..	..	..
Diseases and Accidents of Parturition	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heart Diseases ... ..	22	..	..	..	1	13	8	6	3	2	3	8	6	6
Accidents ... ..	5	1	1	..	..	1	2	2	..	..	1	2	2	2
Suicides ... ..	2	..	..	..	..	2	..	1	..	..	1	..	..	2
All other causes... ..	64	11	2	2	3	19	17	16	11	5	22	10	42	42
All causes ... ..	189	24	22	5	6	79	53	48	23	28	58	32	*102	102

\*30 of these were Non-Parishioners.

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 April, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		TOTALS	
		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
POPULATION AT ALL AGES.	(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301	
	(c) Registered Births ...	64		30		47		106		50		297	
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chicken pox ..	9	2	8	2	1	4	1	2	12	10	31	20
	1. Smallpox ..	..	..	..	4	..	..	..	..	..	..	..	4
	2. Scarletina ..	4	6	..	2	..	5	1	4	1	..	6	17
	3. Diphtheria ..	..	..	..	..	2	..	1	..	2	2	5	2
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	1	..	1	..	1	..	3
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	3	..	..	1	..	2	..	7	..	1	3	11
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	4	..	..	..	..	..	..	..	4
	2. Scarletina ..	4	4	..	1	..	5	..	3	1	..	5	13
	3. Diphtheria ..	..	..	..	..	2	..	1	..	2	2	5	2
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	1	..	..	..	1	..	2
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	..	..	1	..	3	..	1	..	5



## REGISTER OF SANITARY WORK

MONTH ENDING 30TH APRIL, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.								Mr. E. Lumley, Dust Inspector,	Mr. R. Phillips, Special Duties,	Miss F. A. Baker.	Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.							
<b>Factory and Workshop Act.</b>												
Enquiries as to Occupation ... ..	...	...	...	...	...	...	...	...	30	9	39	
Periodical Inspections :—												
Factories ... ..	...	...	...	...	...	...	...	...	4	...	4	
Workshops ... ..	...	...	...	...	...	...	...	...	95	101	196	
Bakehouses ... ..	...	...	...	...	...	...	...	...	20	...	20	
Restaurants, &c. ... ..	...	...	...	...	...	...	...	...	39	...	39	
Homeworkers' Premises ... ..	...	...	...	...	...	...	...	...	12	32	44	
Domestic Workshops... ..	...	...	...	...	...	...	...	...	...	...	...	
<b>Food and Drugs Act.</b>												
<b>ADULTERATION.</b>												
Samples collected for Analysis ... ..	...	12	18	11	6	...	...	...	...	...	47	
<b>Correspondence, Legal Procedure, &amp;c.</b>												
Complaints received ... ..	5	6	8	6	11	...	...	136	7	8	187	
Letters and Intimations relating to Abatement of Nuisances ... ..	31	26	34	43	15	...	...	10	11	8	178	
Statutory Notices Served ... ..	2	2	...	...	5	...	...	...	1	...	10	
Proceedings taken before Magistrates ... ..	...	...	...	...	...	...	...	...	...	...	...	
(1) Under Public Health Act ... ..	1	1	...	...	...	...	...	...	...	...	2	
(2) „ Factory & Workshop Act ... ..	...	...	...	...	...	...	...	...	...	...	...	
(3) „ Food & Drugs Act ... ..	...	...	...	...	...	...	...	...	...	...	...	
Reports made to Medical Officer of Health	38	37	36	55	67	...	...	25	30	8	296	

REGISTER OF SANITARY WORK  
MONTH ENDING 30TH APRIL, 1904.  
PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Mr. E. Lumley, Dust Inspector.	Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.	
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.					
<b>Public Health (London) Act.</b>											
Inspections.	Dwelling Houses, &c. ... ..	42	36	45	35	38	...	...	...	...	186
	Tenements ... ..	30	29	35	16	28	...	...	...	...	138
	Underground Dwellings ... ..	10	9	15	8	16	...	...	...	...	58
	Dairies, Milk Shops, Cow Houses	6	3	2	5	9	...	...	...	...	25
	Slaughter Houses ... ..	2	2	...	...	1	...	...	...	...	5
	Yards, Stables, and Mews ... ..	37	39	35	46	49	...	...	2	...	208
	Smoke Shafts ... ..	...	...	...	...	...	...	...	4	...	4
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...	1	...	1
	Refuse Receptacles ... ..	4	2	..	3	...	18	...	2	...	29
	Enquiries re non-removal of refuse	3	4	5	3	4	350	..	..	3	372
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...	...	...	...
	Visits to Works in progress ... ..	170	193	160	220	149	...	...	...	5	897
Miscellaneous Inspections .. ..	84	71	60	180	79	...	..	...	63	537	
<b>UNWHOLESOME FOOD.</b>											
	Number of seizures made ... ..	...	...	...	1	...	...	...	...	...	1
<b>INFECTIOUS DISEASE:—</b>											
	Cases Isolated... ..	2	9	...	1	...	...	...	...	...	12
	Cases Removed to Hospital ... ..	6	2	10	5	9	...	...	...	...	32
	Rooms Disinfected ... ..	11	6	12	8	17	...	...	...	...	54
<b>NEW DRAINAGE:—</b>											
	Number of Plans Passed ... ..	4	7	8	14	10	...	...	2	...	45
	New Pipe Drains (feet) ... ..	600	546	500	890	1614	...	...	...	...	4150
	Houses where defects in existing Drainage have been detected and remedied .. ..	7	8	6	6	7	...	...	...	...	34





THE  
SANITARY CHRONICLES

OF THE  
BOROUGH OF ST. MARYLEBONE

DURING MAY, 1904,

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.

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VOL. XXIV. 3, UPPER GLOUCESTER PLACE, W., JUNE 4TH, 1904. No. 45

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The week ending May 7th was a fairly fine spring week. Minimum temperature,  $47.5^{\circ}$ ; maximum,  $62.5^{\circ}$ ; mean,  $51.8^{\circ}$ . On three days rain fell, giving a total fall of 0.51 inch. Winds W.S.W. Sunshine 37 per cent. Mean barometer 29.8 inches.

The week ending May 14th was overcast, with variable and S.W. winds. Minimum temperature,  $37.2^{\circ}$ ; maximum,  $69.5^{\circ}$ ; mean,  $52.9^{\circ}$ . On two days rain fell to the extent of 0.34 inch. Mean barometer 30.0 inches.

The week ending May 21st was a remarkably bright summer-like week. Minimum temperature,  $43.1^{\circ}$ ; maximum,  $72.6^{\circ}$ ; mean,  $56.4^{\circ}$ . Winds light and variable. Showers of rain fell on one day only, yielding 0.34 inch. Sunshine over 58 hours, which is equal to 53 per cent. Mean barometer 29.9 inches.

The week ending May 28th was cloudy and unsettled. Minimum temperature,  $50.0^{\circ}$ ; maximum,  $74.0^{\circ}$ ; mean,  $59.0^{\circ}$ . On four days rain fell, the total fall being equal to 0.41 inch. Winds variable. Sunshine only 9 per cent. Mean barometer 29.8 inches.



## Births and Deaths.

During the four weeks ending May 28th there have been registered 210 births and 147 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV. Fifty-seven of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. ..	32
North-West Fever Hospital .. ..	2
Western Fever Hospital .. ..	1
St. Mary's Hospital .. ..	3
St. George's Hospital .. ..	1
Children's Hospital, Paddington .. ..	4
University College Hospital .. ..	4
Central London Sick Asylum .. ..	1
French Hospital .. ..	1
Home Hospital, Fitzroy Square .. ..	1
Hanwell Asylum .. ..	2
Cane Hill Asylum .. ..	1
Darenth Asylum .. ..	1
Banstead Asylum .. ..	1
Butchers' Institution, Fulham .. ..	1
Royal Chest Hospital .. ..	1
	—
Total	57

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

All Souls, birth-rate 15·1; death-rate 12·1.

Rectory, birth-rate 17·0; death-rate 14·4.

St. Mary, birth-rate 17·9; death-rate 14·4.

Christ Church, birth-rate 29·3; death-rate 13·5.

St. John, birth-rate 18·4; death-rate 19·7.

The whole district, birth-rate 20·5; death-rate 14·4.

The average death-rates for five years (1899 to 1903) for the corresponding period were as follows:—All Souls, 13·1; Rectory, 17·2; St. Mary, 17·4; Christ Church, 18·8; St. John, 19·9; 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 MAY 28TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 4 weeks ending May 28th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending May 28, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1897-1903.
1. Deaths from the chief Zymotic Diseases .....	8	54	0.78	1.52
2. Pulmonary, other than Phthisis .....	29	197	2.83	3.74
3. Tubercular .....	19	129	1.86	2.05

NOTES.

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



## General Health of the District.

The general health of the district continues to be excellent. The few cases of small-pox which occurred in the Workhouse the previous month have not spread further and the chief infectious diseases are well below the average.

There has been on the other hand a slight outbreak of chicken-pox, 55 cases of that mild non-fatal disease having been notified during the last four weeks.

### No. 13, King's Place.

No. 13, King's Place was again before the Magistrate, the occupier not having obeyed the Magistrates Order to close the premises.

The Magistrate inflicted a penalty of £5 with £3 costs and a continuing penalty of £1 per day.

The penalty not having been paid and the officer of the Court reporting that there were no goods the defendant was committed to prison.

The case, therefore, shows how defective the law is with regard to the closing of admittedly insanitary premises. After a month of legal proceedings and expenditure of public money the notices of the Local Authority have not been attended to, the premises are still occupied and the ratepayers have to contribute to support the wrongdoer in jail.

### Appeal to London County Council under Public Health (London) Act, 1891, Section 41.

It is the statutory duty of every Local Authority in the Metropolis to enforce By-laws made under Section 41 as to the construction of closets.

Plans were submitted to the Public Health Committee with regard to 26 and 28, James Street, proposing to construct closets below the surface of the ground, and showing an open area more than 40 square feet in extent, but less than 5 feet across. The By-law expressly provides that a new closet in a basement must be approached "directly from

an area or other open space available for purposes of ventilation measuring at least 40 superficial feet in extent and having a distance across of not less than 5 feet, and not covered in otherwise than by a grating or railing."

The Public Health Committee being bound by the strict terms of the By-law, had no alternative but to decline to pass the plans.

Thereupon the owners appealed to the County Council under Section 41 of the Public Health (London) Act, which provides—

"That any person aggrieved by any notice or act of a Sanitary Authority under this section (*i.e.* Section 41) in relation to any water closet . . . may appeal to the London County Council, whose decision shall be final."

The appeal was heard by a Committee of the London County Council on the 17th May, with the result that the appeal was dismissed.

If this case is to be taken as a precedent, it would appear that the County Council will not support any deviation from the strict letter of the By-law with regard to new constructions.

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TABLE II.—Giving the Causes of Deaths during May, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	1	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa .....	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	1	..	..	..	1	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	..	..
Cancer .....	11	..	..	..	5	1
Phthisis & Tuberculosis	3	..	..	..	4	1
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	1	..
Paralysis ..	..	..	..	..	..	..
Bronchitis .....	..	..	..	..	10	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart .....	1	..	..	3	3	..
„ Kidney .....	..	..	..	..	..	..
„ Liver.....	1	..	..	..	1	..
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition.. ..	..	..	..	..	..	..
Diabetes .....	..	..	..	..	..	..
Fractures and Injuries..	4	..	..	..	1	..
Old Age .....	..	..	..	..	3	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	6	..	..	..	..
Other causes .....	12	5	1	2	3	..
Total .....	*34	†11	**1	5	32	***2

\* Of the 34 deaths in the Middlesex Hospital, 30 were those of non-parishioners.

† Ten of the 11 deaths in Queen Charlotte's Hospital were those of non-parishioners.

\*\* The 1 death in the Samaritan Hospital was that of a non-parishioner.

\*\*\* The 2 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 May, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals	
		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
POPULATION AT ALL AGES.	(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301	
	(c) Registered Births ...	41		26		25		89		29		210	
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chicken pox ..	1	12	5	1	5	3	10	4	6	8	27	28
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarlatina ..	3	6	..	1	2	1	3	..	..	1	8	9
	3. Diphtheria ..	..	..	1	..	..	1	2	2	3	..	6	3
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	1	..	..	..	1	..	2	..	3	..	7
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	..	2	..	2	..	..	..	..	7	..	1	..	12
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarlatina ..	3	6	..	1	2	1	2	..	..	1	7	9
	3. Diphtheria ..	..	..	..	..	..	1	2	2	1	..	3	3
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	1	..	2	..	1	..	4
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	1	..	..	..	..	2	..	..	..



TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE  
FOUR WEEKS ENDING MAY 28TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls .....	35,391	20	21	17	16
Rectory .....	19,849	11	15	13	9
St. Mary .....	18,099	12	13	10	10
Christ Church .....	39,536	45	44	30	11
St. John .....	20,426	15	14	19	12
Total .....	133,301	103	107	89	58

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.—Causes of, and Ages at, Death during the 4 weeks ending May 28th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ... ..	5	3	2	..	..	..	..	4	..	1	..	..	..	..
Scarlet Fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Mem- branous Croup	1	..	1	..	..	..	..	..	..	..	..	1	..	1
Croup ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Typhus ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other continued ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea ... ..	2	2	..	..	..	..	..	..	..	..	2	..	..	..
Enteritis ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases ... ..	2	1	..	..	1	..	..	1	1	..	..	..	..	2
Phthisis ... ..	15	1	1	1	4	8	..	2	..	3	4	6	..	10
Other Tubercular Diseases	4	..	2	..	1	1	..	2	..	..	2	..	..	2
Cancer, Malignant Disease	16	..	..	..	..	9	7	1	3	3	7	2	..	18
Bronchitis ... ..	18	2	2	..	..	6	8	8	..	4	5	1	..	9
Pneumonia ... ..	10	2	2	..	1	4	1	..	..	1	4	5	..	2
Pleurisy ... ..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver } ... ..	2	..	..	..	..	2	..	1	..	1	..	..	..	2
Venereal Diseases ... ..	1	1	..	..	..	..	..	1	..	..	..	..	..	..
Premature Birth ... ..	4	4	..	..	..	..	..	2	1	..	1	..	..	6
Diseases and Accidents of Parturition	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heart Diseases ... ..	12	..	..	..	2	5	5	1	4	..	3	4	..	8
Accidents ... ..	5	1	2	..	..	..	..	..	..	2	2	1	..	7
Suicides ... ..	1	..	..	..	1	..	..	..	..	1	..	..	..	1
All other causes... ..	48	6	5	..	2	18	17	10	12	4	11	11	..	37
All causes ... ..	147	23	17	1	12	53	41	33	22	20	41	31	..	*105

\*42 of these were Non-Parishioners.



## REGISTER OF SANITARY WORK

MONTH ENDING 31ST MAY, 1904.

## PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Mr. E. Lumley, Dust Inspector.	Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.	
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.					
<b>Public Health (London) Act.</b>											
Inspections.	Dwelling Houses, &c. ... ..	56	83	48	30	51	...	...	...	...	268
	Tenements ... ..	52	...	50	40	48	...	...	...	...	190
	Underground Dwellings ... ..	12	3	25	3	19	...	...	...	...	62
	Dairies, Milk Shops, Cow Houses	6	3	3	5	16	...	...	...	...	33
	Slaughter Houses ... ..	2	2	...	...	1	...	...	...	...	5
	Yards, Stables, and Mews ... ..	46	54	45	40	68	...	...	...	...	253
	Smoke Shafts ... ..	...	...	...	...	...	...	...	6	...	6
	Offensive Trades and Effluvia Businesses ... ..	...	...	..	...	...	...	...	1	...	1
	Refuse Receptacles ... ..	6	3	...	5	9	...	...	20	...	43
	Enquiries re non-removal of refuse	4	2	5	4	7	...	..	250	..	272
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...	...	...	...
	Visits to Works in progress ... ..	230	240	200	250	183	...	...	...	21	1124
Miscellaneous Inspections .. ..	96	89	85	240	77	...	...	...	74	664	
<b>UNWHOLESOME FOOD.</b>											
Number of seizures made ... ..	...	...	...	...	1	...	...	...	...	1	
<b>INFECTIOUS DISEASE:—</b>											
Cases Isolated... ..	...	2	3	...	...	...	...	...	...	5	
Cases Removed to Hospital ... ..	4	4	10	5	9	...	...	...	...	32	
Rooms Disinfected ... ..	8	6	10	15	27	...	...	...	...	66	
<b>NEW DRAINAGE:—</b>											
Number of Plans Passed ... ..	6	7	3	11	5	...	...	...	...	32	
New Pipe Drains (feet) ... ..	760	836	650	740	1264	...	...	...	...	4250	
Houses where defects in existing Drainage have been detected and remedied .. ..	10	8	9	4	5	...	...	...	...	36	

## REGISTER OF SANITARY WORK

MONTH ENDING 31ST MAY, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.										Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.						
<b>Factory and Workshop Act.</b>											
Enquiries as to Occupation ... ..	...	...	...	...	...	...	...	...	4	16	20
Periodical Inspections :—											
Factories ... ..	...	...	...	...	...	...	...	...	49	...	49
Workshops ... ..	...	...	...	...	...	...	...	...	43	110	153
Bakehouses ... ..	...	...	...	...	...	...	...	...	29	...	29
Restaurants, &c. ... ..	...	...	...	...	...	...	...	...	56	...	56
Homeworkers' Premises ... ..	...	...	...	...	...	...	...	...	...	78	78
Domestic Workshops... ..	...	...	...	...	...	...	...	...	...	1	1
<b>Food and Drugs Act.</b>											
<b>ADULTERATION.</b>											
Samples collected for Analysis ...	30	18	8	...	14	...	...	...	...	...	70
<b>Correspondence, Legal Procedure, &amp;c.</b>											
Complaints received ... ..	11	4	11	10	14	...	...	35	6	9	100
Letters and Intimations relating to Abatement of Nuisances ... ..	16	13	15	20	15	...	...	15	...	20	114
Statutory Notices Served ... ..	3	2	2	3	5	...	...	...	...	3	18
Proceedings taken before Magistrates ...	...	...	...	1	...	...	...	...	...	...	1
(1) Under Public Health Act ... ..	...	...	...	1	...	...	...	...	...	...	1
(2) „ Factory & Workshop Act ... ..	...	...	...	...	...	...	...	...	...	...	...
(3) „ Food & Drugs Act ... ..	1	...	...	...	...	...	...	...	...	...	1
Reports made to Medical Officer of Health	32	31	31	60	67	...	...	25	...	12	258



REGISTER OF THE  
 NORTH BRITISH MOUNTAIN  
 PUBLIC HEALTH DEPARTMENT

No.	Name	Age	Sex	Occupation	Address	Date of Birth	Date of Registration
1	John Smith	45	M	Labourer	123 Main St	1850	1900
2	Mary Jones	35	F	Wife	123 Main St	1865	1900
3	James Brown	25	M	Student	456 School St	1875	1900
4	Elizabeth White	55	F	Retired	789 Park St	1845	1900
5	Robert Black	15	M	Child	123 Main St	1885	1900
6	Anna Green	40	F	Wife	123 Main St	1860	1900
7	William Grey	30	M	Teacher	567 School St	1870	1900
8	Isabella Black	20	F	Child	123 Main St	1880	1900
9	George White	60	M	Labourer	890 Main St	1840	1900
10	Charlotte Brown	30	F	Wife	123 Main St	1870	1900
11	Thomas Black	10	M	Child	123 Main St	1890	1900
12	Elizabeth White	50	F	Wife	123 Main St	1850	1900
13	James Brown	20	M	Student	456 School St	1880	1900
14	Mary Jones	40	F	Wife	123 Main St	1860	1900
15	Robert Black	15	M	Child	123 Main St	1885	1900
16	Anna Green	35	F	Wife	123 Main St	1865	1900
17	William Grey	25	M	Student	456 School St	1875	1900
18	Isabella Black	10	F	Child	123 Main St	1890	1900
19	George White	65	M	Labourer	890 Main St	1835	1900
20	Charlotte Brown	30	F	Wife	123 Main St	1870	1900

THE  
**SANITARY CHRONICLES**  
OF THE  
BOROUGH OF ST. MARYLEBONE  
DURING JUNE, 1904,



Containing a Quarterly Summary of the Mortality Statistics for the Quarter ending June 25th, 1904, 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.

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The week ending June 4th was unsettled but of pleasant temperatures, minimum  $43\cdot0^{\circ}$ ; maximum,  $61\cdot5^{\circ}$ ; mean  $57\cdot2^{\circ}$ . On four days rain fell, the total fall measuring  $0\cdot54$  inch. Winds variable. Sunshine 30 per cent. of the possible. Mean barometer  $29\cdot9$  inches.

The week ending June 11th was dry bright, and of pleasant temperatures, minimum temperature  $47\cdot5^{\circ}$ ; maximum,  $71\cdot8^{\circ}$ ; mean,  $59\cdot8^{\circ}$ . Winds easterly. On one day only rain fell to the extent of  $0\cdot12$  inch. Sunshine  $34\cdot6$  per cent. Mean barometer  $29\cdot9$  inches.

The week ending June 18th was bright, warm, and unsettled, minimum temperature,  $50\cdot0^{\circ}$ ; maximum,  $70\cdot5^{\circ}$ ; mean,  $61\cdot9^{\circ}$ . Winds S. and S.W. Sunshine  $33\cdot3$  per cent. On three days rain fell ( $0\cdot30$  inch). Mean barometer  $29\cdot9$  inches.



The week ending June 25th was dry, bright, and warm, minimum temperature, 46·0°; maximum, 78·0°; mean, 61·9°. Winds W. and N.W. Sunshine 44·1 per cent. Mean barometer 30·0 inches.

### Births and Deaths.

During the four weeks ending June 25th there have been registered 207 births and 142 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV. The birth rate for the month was therefore 20·2; the death rate 13·9 per thousand.

### Quarterly Summary.

During the quarter ending June 25th there have been registered 714 births and 478 deaths. These births and deaths are divided among the five sub-districts, as set forth in Table V. 179 of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. .. .	112
North-Western Fever Hospital .. .. .	6
Western Fever Hospital .. .. .	2
St. Mary's Hospital .. .. .	13
Guy's Hospital .. .. .	1
King's College Hospital .. .. .	1
University Hospital .. .. .	8
Charing Cross Hospital .. .. .	1
St. Bartholomew's Hospital .. .. .	1
St. George's Hospital .. .. .	1
Hospital for Women .. .. .	2
St. Pancras Infirmary .. .. .	1
French Hospital .. .. .	1
Central London Sick Asylum .. .. .	2
Bellevue, Tavistock Hill .. .. .	1
City of London Lying-in Hospital .. .. .	1
City of London Asylum .. .. .	1
Middlesex Asylum .. .. .	1
Colney Hatch Asylum .. .. .	1
Hanwell Asylum .. .. .	5
Banstead Asylum .. .. .	1
Claybury Asylum .. .. .	1
Cane Hill Asylum .. .. .	1
Leavesden Asylum .. .. .	1
Darenth Asylum .. .. .	1
In the Serpentine .. .. .	1
Children's Hospital, Paddington .. .. .	6
Children's Hospital, Great Ormonde Street .. .. .	1
Home Hospital, Fitzroy Square .. .. .	2
Royal Chest Hospital .. .. .	1
Butchers' Institute, Fulham .. .. .	1
	—
Total	179

## Health of the District.

The health of the district continues exceptionally good. The infectious diseases generally have been well below the average, the only exception to this statement being a curious burst of scarlet fever during the first week in June; prompt isolation of the cases, however, appeared to check farther spread, and the malady rapidly went down below normal. See Chart opposite page 68.

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

All Souls, birth-rate 18·4; death-rate 12·8.

Rectory, birth-rate 15·5; death-rate 12·8.

St. Mary, birth-rate 22·3; death-rate 13·7.

Christ Church, birth-rate 26·7; death-rate 16·5.

St. John, birth-rate 21·3; death-rate 17·2.

The whole district, birth-rate 21·5; death-rate 14·4.

The average death-rates for five years (1899 to 1903) for the corresponding period were as follows:—All Souls, 13·9; Rectory, 18·0; St. Mary, 17·2; Christ Church, 16·0; St. John, 23·1; 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 THIRTEEN WEEKS ENDING JUNE 25TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 13 weeks ending June 25th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending June 25, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1903.
1. Deaths from the chief Zymotic Diseases .....	35	73	1·05	1·70
2. Pulmonary, other than Phthisis .....	93	194	2·79	3·33
3. Tubercular .....	64	134	1·92	2·22

#### NOTES.

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

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



## Sale of Food and Drugs Acts.

As set out in detail in Table II there have been 145 samples analysed under the Sale of Food and Drugs Acts ; of this number two samples of milk and one sample of whisky were certified to be adulterated.

Lionel Court, of 9, Violet Hill, was fined £2 with 12s. 6d. costs for selling milk deficient in milk fat to the extent of at least 6·7 per cent.

Elizabeth Green, of 32, Saville Street, W., was fined 10s. and 12s. 6d. costs for selling milk deficient in milk fat to the extent of at least 6·7 per cent.

With regard to the sample of unduly diluted whisky, the advice of the Solicitor was not to proceed farther because the Vendor was found to have a notice in the bar to the effect that all spirits were diluted.

All the other samples were of fair commercial quality.

## Prosecutions under the Public Health (London) Act.

Every builder *before* erecting a new building is bound under penalty to deposit plans showing the drainage and sanitary appliances. This is a wise and excellent regulation made alike in the interests of the owners and of the builders, and it is most important that the bye-law should be strictly enforced, for it is easier to prevent a person constructing something irregular when he gives you notice of his intention, than to alter premises and fittings once they are erected.

It is astonishing that one or two well-known building firms have from inattention ignored the regulation and laid themselves open to legal proceedings.

Messrs. J. & A. Bywater were summoned for not depositing plans with regard to a new building on the site of No. 21, Nottingham Street, and fined £1 and £1 3s. costs.

Messrs. Matthews, of 78, Charlotte Street, were convicted of a similar offence, and fined £1 and £1 3s. costs.

Another large firm was summoned for a similar offence, but the case was dismissed from a purely technical flaw. It is to be hoped that these prosecutions will be noted by all those engaged in the building trade and that no further trouble will arise.

The owner of 48, Linhope Street was summoned for allowing illegal occupation of the kitchens. Before the hearing the kitchens had been vacated; it also appeared that there was a defect in the serving of the summons, therefore the Magistrate dismissed the same.

The Magistrate made an order for the closing of 9, Gee's Court May 13th; four tenants neglected to obey the order. Summonses were therefore taken out for disobedience of the order, with the result that the defendants were ordered to vacate the room within ten days, or pay a fine of £2 each with 6s. costs. The premises are now vacated.

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TABLE II.—SALE OF FOOD AND DRUGS ACTS.  
 SAMPLES ANALYSED DURING JUNE QUARTER, 1904.

	Genuine.	Adulterated.	Total.
DAIRY PRODUCTS—			
Milk .. .. .	66	2	68
Butter .. .. .	14	—	14
Margarine .. .. .	4	—	4
Cream .. .. .	2	—	2
Cheese .. .. .	1	—	1
ALCOHOLIC BEVERAGES—			
Whisky .. .. .	6	1	7
Brandy .. .. .	2	—	2
Gin.. .. .	2	—	2
Rum .. .. .	2	—	2
Cognac Spirit .. .. .	1	—	1
NON-ALCOHOLIC BEVERAGES—			
Coffee .. .. .	3	—	3
Cocoa .. .. .	1	—	1
CONDIMENTS—			
Pepper .. .. .	3	—	3
Mustard .. .. .	5	—	5
Vinegar .. .. .	2	—	2
SACCHARINE SUBSTANCES—			
Jam .. .. .	6	—	6
Honey .. .. .	1	—	1
TINNED GOODS—			
Condensed Milk .. .. .	2	—	2
Sardines .. .. .	1	—	1
Salmon .. .. .	1	—	1
Chicken, Ham, and Tongue .. .. .	1	—	1
Herrings' Roes .. .. .	1	—	1
Beans .. .. .	1	—	1
Peas .. .. .	1	—	1
DRUGS—			
Cream of Tartar .. .. .	6	—	6
Carbonate of Soda .. .. .	1	—	1
Citrate of Magnesia .. .. .	1	—	1
MISCELLANEOUS—			
Olive Oil .. .. .	1	—	1
Lime Juice .. .. .	1	—	1
Lemon Squash .. .. .	1	—	1
Extract of Beef .. .. .	1	—	1
Brunak (Imitation Coffee) .. .. .	1	—	1
	142	3	145

Peas—contained Copper Sulphate, '656 grains per lb.

Beans— " " " '432 " " "

One of the Samples of Cream, contained '125 per cent. Boric Acid, Jar was labelled that the Cream contained a small quantity of Boric Acid ('25 per cent. allowed).

Cream of Tartar—No Lead or Arsenic found in Samples.

No metals found in samples of Sardines, Salmon, Chicken, Ham, and Tongue, Herrings' Roes.

No Preservatives or Artificial Colouring matter found in the samples of Milk.

TABLE III.—Causes of, and Ages at, Death during the 4 weeks ending June 25th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages).					Deaths in Public Institutions.	
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.		
Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	2	..	2	..	..	..	..	..	..	..	2	..	..	2
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria and Membranous Croup	1	..	1	..	..	..	..	..	..	..	1	..	..	..
Croup .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBER {	Typhus .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..
	Enteric .. .. .	1	..	..	1	..	..	..	..	..	1	..	..	1
	Other continued ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic Influenza ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa .. .. .	2	1	..	..	..	1	..	..	..	..	1	1	..	..
Enteritis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever.. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis .. .. .	19	1	1	1	2	11	3	4	2	1	11	1	..	16
Other Tubercular Diseases	1	1	..	..	..	..	..	..	..	1	..	..	..	..
Cancer, Malignant Disease	10	..	..	..	..	5	5	3	1	2	2	2	..	4
Bronchitis .. .. .	14	..	1	..	..	4	9	3	3	..	3	5	..	14
Pneumonia .. .. .	9	4	2	..	..	1	2	2	1	2	3	1	..	5
Pleurisy .. .. .	1	..	..	..	..	1	..	1	..	..	..	..	..	2
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism } Cirrhosis of Liver }	3	..	..	..	..	3	..	1	..	1	..	1	..	..
Venereal Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature Birth .. ..	1	1	..	..	..	..	..	..	..	1	..	..	..	..
Diseases and Accidents of Parturition	1	..	..	..	..	1	..	..	..	..	1	..	..	..
Heart Diseases .. ..	16	..	..	1	1	7	7	5	2	2	5	2	..	8
Accidents.. .. .	1	..	..	..	..	..	1	..	..	..	1	..	..	..
Suicides .. .. .	2	..	..	..	..	2	..	..	..	..	1	1	..	1
All other causes .. ..	58	9	1	2	1	19	26	13	8	4	22	11	..	36
All causes .. .. .	142	17	8	5	4	55	53	32	17	14	54	25	..	*79

\*37 of these were Non-Parishioners.



TABLE IV.—DISTRICT BIRTHS AND DEATHS FOR THE  
FOUR WEEKS ENDING JUNE 25TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fmles.	Males.	Fmles.
All Souls .....	35,391	34	24	17	15
Rectory .....	19,849	14	7	9	8
St. Mary .....	18,099	12	17	6	8
Christ Church .....	39,536	37	32	28	26
St. John .....	20,426	17	13	12	13
Total .....	133,301	114	93	72	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.

TABLE V.—DISTRICT BIRTHS AND DEATHS FOR THE  
THIRTEEN WEEKS ENDING JUNE 25TH, 1904 .

	Population in 1891.	Births.		Deaths.	
		Males.	Fmles.	Males.	Fmles.
All Souls.....	35,391	85	78	58	55
Rectory .....	19,849	41	36	37	25
St. Mary .....	18,099	47	54	32	30
Christ Church .....	39,536	138	126	96	57
St. John .....	20,426	52	57	43	45
Total.....	133,301	363	351	266	212

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 June, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals	
		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
POPULATION AT ALL AGES.	(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301	
	(c) Registered Births ...	58		21		20		69		30		207	
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chicken pox ..	8	11	7	2	5	2	9	..	6	13	35	28
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	2	4	..	2	2	4	10	6	3	..	17	16
	3. Diphtheria ..	4	..	2	1	..	1	3	2	..	..	9	4
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	1	..	..	..	..	..	..	..	..	..	1
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	..	1	..	3	..	6	..	3	..	1	..	14	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	2	3	..	..	1	2	8	5	3	..	14	10
	3. Diphtheria ..	4	..	2	1	..	1	1	1	..	..	7	3
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	..	..	..	..	..	..	..
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	2	..	1	..	2	..	..	..	5

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 the June Quarter, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
POPULATION AT ALL AGES. (b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,361		
(c) Registered Births ..	163		77		101		264		109		714		
(d) Aged under 5 or over 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chicken pox	18	25	20	5	11	9	20	6	24	31	93	76
	1. Smallpox ..	..	..	..	4	..	..	..	..	..	..	..	4
	2. Scarlatina ..	9	16	..	5	4	10	14	10	4	1	31	42
	3. Diphtheria ..	4	..	3	1	2	2	6	4	5	2	20	9
	4. Membranous Croup..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	2	..	..	..	2	..	3	..	4	..	11
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	3	3	..	6	..	8	..	17	..	3	3	37	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	4	..	..	..	..	..	..	..	4
	2. Scarlatina ..	9	13	..	2	3	8	10	8	4	1	26	32
	3. Diphtheria ..	4	..	2	1	2	2	4	3	3	2	15	8
	4. Membranous Croup..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	..	..	..	..	2	..	2	..	2	..	6
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	3	..	2	..	7	..	1	..	13



TABLE VIII.—Giving the Causes of Deaths during the June quarter, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middle- sex Hospital.	Queen Charlotte's Hospital.	Samaritan Hospital.	Work- house.	Notting Hill Infirm'ry.	Hospital of St. John & Elizabeth, Grove Road.
Smallpox .....	..	..		..	..	..
Influenza .....	1	..	..	..	..	..
Scarlet Fever.....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever ....	..	..	..	..	1	..
Diarrhœa .....	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	9	..	..	..	4	..
Pyæmia .....	..	..	..	..	1	..
Syphilis.....	..	..	..	..	..	..
Cancer .....	23	..	..	..	6	1
Phthisis & Tuberculosis	5	..	..	..	24	3
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	2	..
Paralysis .....	..	..	..	..	6	..
Bronchitis.....	6	..	..	2	22	..
Asthma .....	..	..	..	..	..	..
Peritonitis.....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart .....	5	..	..	6	7	..
„ Kidney .....	..	..	..	..	..	..
„ Liver .....	2	..	..	..	1	..
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition .....	..	..	..	..	..	..
Diabetes .....	..	..	..	..	..	..
Fractures and Injuries	6	..	..	..	1	..
Old Age .....	..	..	..	..	9	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	6	..	..	..	..
Other causes.....	36	5	2	5	28	1
Total.....	*93	†11	**2	13	112	***5

\* Of the 93 deaths in the Middlesex Hospital, 75 were those of non-parishioners.

† Ten of the 11 deaths in Queen Charlotte's Hospital were those of non-parishioners.

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

\*\*\* Of the 5 deaths in St. John's Hospital four were those of non-parishioners.

TABLE IX.—Causes of, and Ages at, Death during the 13 weeks ending June 25th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ... ..	19	4	15	..	..	..	..	8	..	7	3	1	..	3
Scarlet Fever ... ..	2	..	..	2	..	..	..	..	..	1	1	..	..	2
Whooping Cough ... ..	3	..	3	..	..	..	..	1	..	..	..	2	..	2
Diphtheria and Membranous Croup	3	..	3	..	..	..	..	..	..	1	1	1	..	2
Typhus ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Enteric ... ..	1	..	..	1	..	..	..	..	..	..	1	..	..	1
Other continued ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza ... ..	2	..	1	..	..	..	1	..	1	1	..	..	..	..
Cholera ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea ... ..	4	3	..	..	..	1	..	..	..	..	3	1	..	..
Enteritis ... ..	1	1	..	..	..	..	..	..	..	..	1	..	..	..
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases ... ..	2	1	..	..	1	..	..	1	1	..	..	..	..	2
Phthisis ... ..	58	2	2	2	8	41	3	12	6	8	23	9	..	38
Other Tubercular Diseases	6	1	2	..	1	2	..	2	..	1	2	1	..	5
Cancer, Malignant Disease	31	..	..	..	..	16	15	7	4	6	9	5	..	32
Bronchitis ... ..	57	6	4	..	..	21	26	17	5	8	19	8	..	34
Pneumonia ... ..	34	9	6	1	1	12	5	5	3	4	13	9	..	11
Pleurisy ... ..	2	..	..	..	..	1	1	1	1	..	..	..	..	4
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism	7	..	..	..	..	6	1	2	..	3	1	1	..	4
Cirrhosis of Liver } ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Venereal Diseases ... ..	1	1	..	..	..	..	..	1	..	..	..	..	..	..
Premature Birth ... ..	8	8	..	..	..	..	..	2	1	2	3	..	..	6
Diseases and Accidents of Parturition	1	..	..	..	..	1	..	..	..	..	1	..	..	..
Heart Diseases ... ..	50	..	..	1	4	25	20	12	9	4	11	14	..	20
Accidents ... ..	11	2	3	..	..	1	5	2	..	2	4	3	..	9
Suicides ... ..	5	..	..	..	1	4	..	1	..	1	2	1	..	4
All other causes... ..	170	26	8	4	6	56	70	39	31	13	55	32	..	115
All causes ... ..	478	64	47	11	22	187	147	113	62	62	153	88	..	*294

\*91 of these were Non-Parishioners.



## REGISTER OF SANITARY WORK

MONTH ENDING 30TH JUNE, 1904.

## PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Mr. E. Lumley, Dust Inspector.			Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gornick, No. 4 District.	Mr. W. Yeo, No. 5 District.						
<b>Public Health (London) Act.</b>												
Inspections.	Dwelling Houses, &c. ... ..	25	36	20	130	41	...	...	...	...	252	
	Tenements ... ..	50	15	25	25	37	...	...	...	...	152	
	Underground Dwellings ... ..	6	...	12	8	19	...	...	...	...	45	
	Dairies, Milk Shops, Cow Houses	8	3	...	4	7	...	...	...	...	22	
	Slaughter Houses ... ..	2	2	..	...	1	...	...	...	...	5	
	Yards, Stables, and Mews ... ..	37	13	35	36	64	..	...	...	...	185	
	Smoke Shafts ... ..	...	...	...	...	...	...	...	7	...	7	
	Offensive Trades and Effluvia Businesses ... ..	...	...	..	...	...	...	...	...	1	1	
	Refuse Receptacles ... ..	4	5	3	8	14	20	...	...	...	54	
	Enquiries re non-removal of refuse	3	4	5	8	7	30	..	...	..	2	59
	Removal of Bodies to Mortuary ...	1	...	...	...	...	...	...	...	...	1	
	Visits to Works in progress ... ..	170	326	150	280	174	...	..	...	49	39	1188
Miscellaneous Inspections ... ..	42	37	35	250	106	...	..	...	...	81	551	
<b>UNWHOLESOME FOOD.</b>												
	Number of seizures made ... ..	...	...	1	1	...	...	...	...	...	2	
<b>INFECTIOUS DISEASE:—</b>												
	Cases Isolated... ..	1	...	3	3	1	...	...	...	...	8	
	Cases Removed to Hospital ... ..	15	2	8	9	10	...	...	...	...	44	
	Rooms Disinfected ... ..	25	3	10	29	16	...	...	...	...	83	
<b>NEW DRAINAGE:—</b>												
	Number of Plans Passed ... ..	8	15	10	13	11	...	...	...	...	57	
	New Pipe Drains (feet) ... ..	1060	1365	350	1720	1642	...	...	...	...	6137	
	Houses where defects in existing Drainage have been detected and remedied .. ..	6	8	5	8	9	...	...	...	...	36	

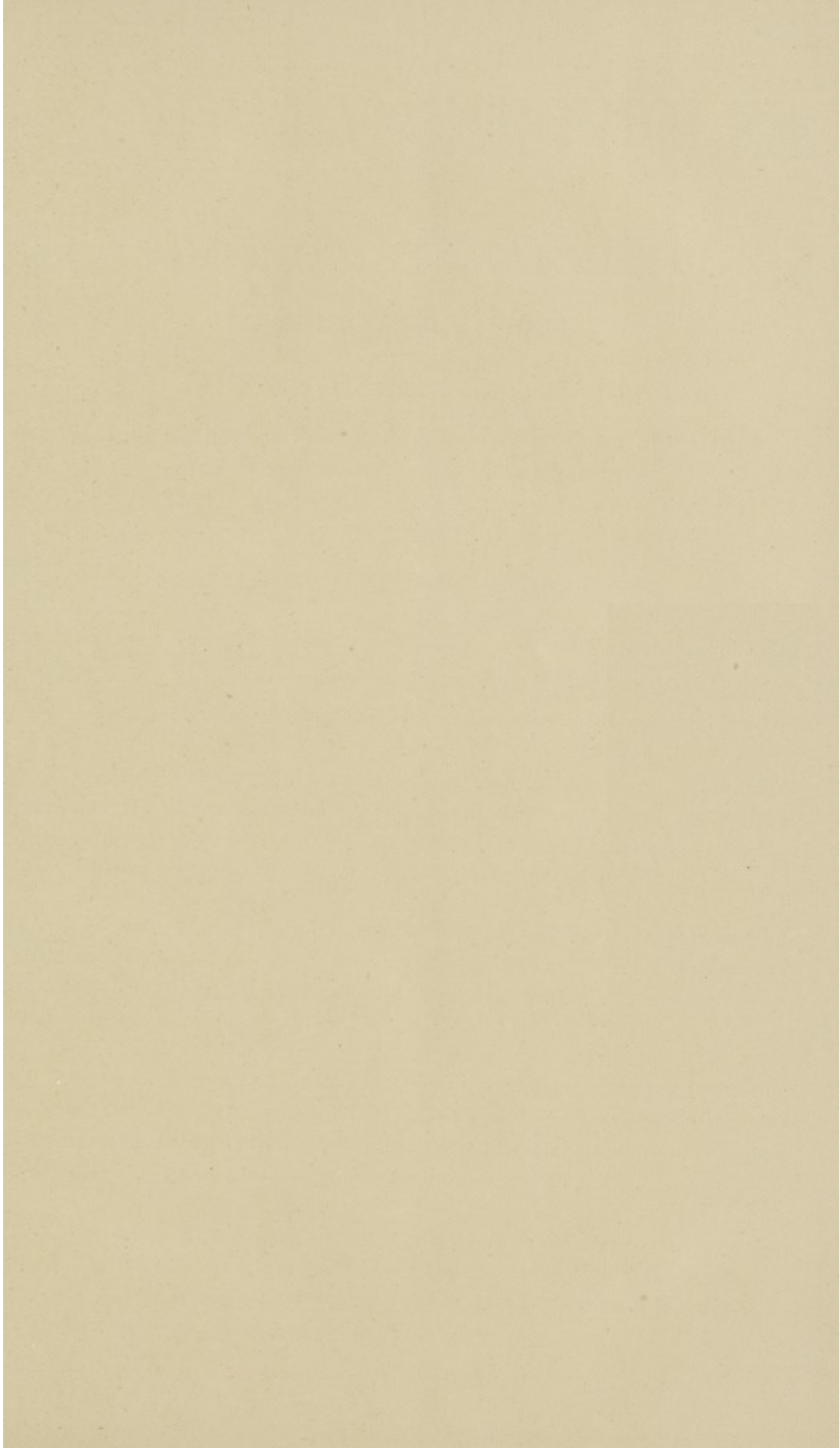
## REGISTER OF SANITARY WORK

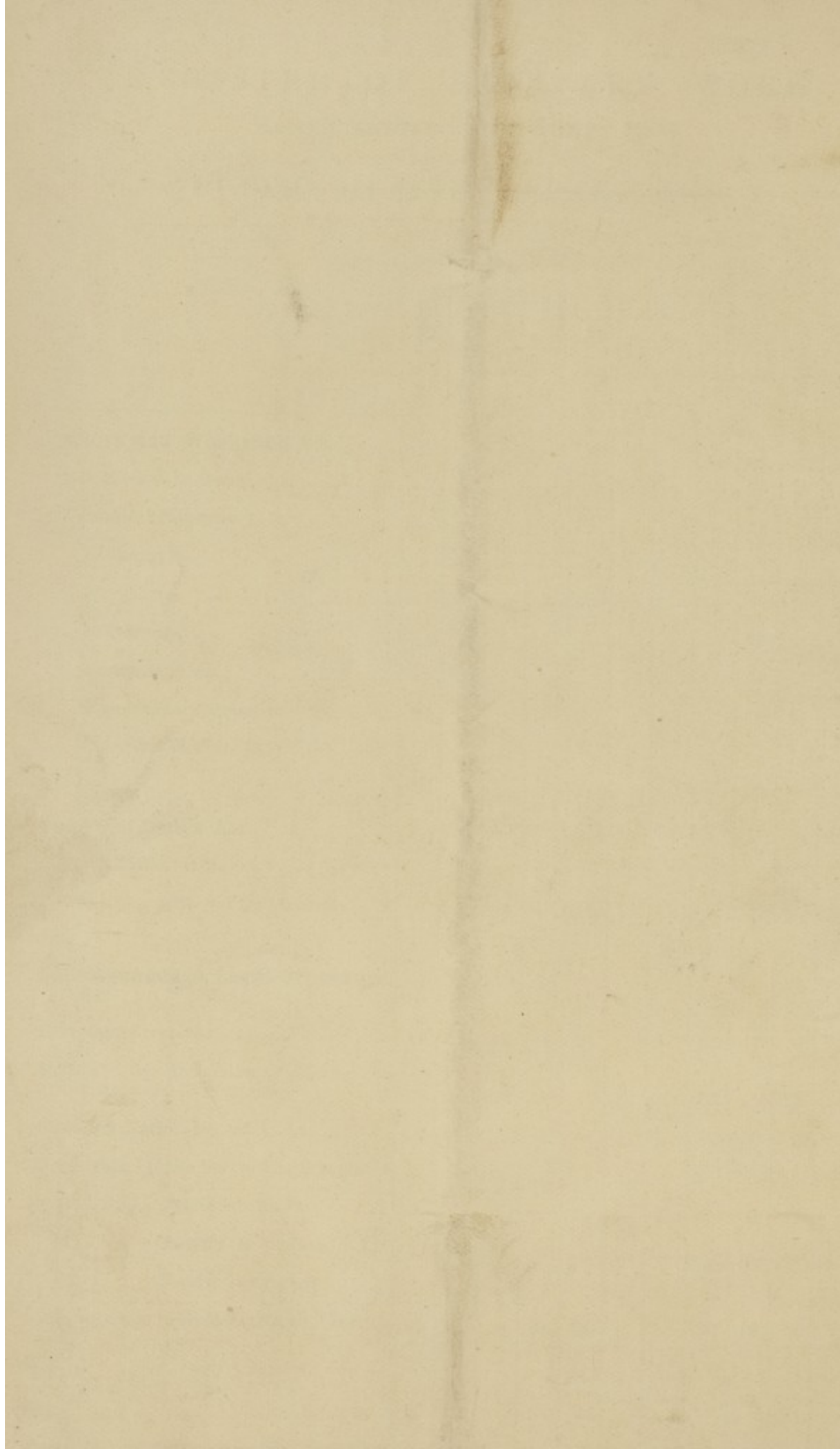
MONTH ENDING 30TH JUNE, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.											Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.							
<b>Factory and Workshop Act.</b>												
Enquiries as to Occupation ... ..	...	...	...	...	...	...	...	...	...	28	21	49
Periodical Inspections :—												
Factories ... ..	...	...	...	...	...	...	...	...	...	3	...	3
Workshops ... ..	...	...	...	...	...	...	...	...	...	49	125	174
Bakehouses ... ..	...	...	...	...	...	...	...	...	...	20	...	20
Restaurants, &c. ... ..	...	...	...	...	...	...	...	...	...	36	...	36
Homeworkers' Premises ... ..	...	...	...	...	...	...	...	...	...	5	85	90
Domestic Workshops... ..	...	...	...	...	...	...	...	...	...	3	...	3
<b>Food and Drugs Act.</b>												
<b>ADULTERATION.</b>												
Samples collected for Analysis ... ..	...	...	4	19	8	...	...	...	...	...	...	31
<b>Correspondence, Legal Procedure, &amp;c.</b>												
Complaints received ... ..	14	9	12	14	24	...	...	52	7	8	140	
Letters and Intimations relating to Abatement of Nuisances ... ..	18	10	20	29	7	...	...	22	...	32	138	
Statutory Notices Served ... ..	4	...	2	6	8	...	...	...	...	2	22	
Proceedings taken before Magistrates ... ..	...	...	...	...	1	...	...	...	...	...	1	
(1) Under Public Health Act ... ..	...	...	...	...	...	...	...	...	...	...	...	
(2) „ Factory & Workshop Act ... ..	...	...	...	...	...	...	...	...	...	...	...	
(3) „ Food & Drugs Act ... ..	...	...	...	1	...	...	...	...	...	...	1	
Reports made to Medical Officer of Health	26	...	25	65	94	...	...	26	18	8	262	









THE  
SANITARY CHRONICLES

OF THE  
BOROUGH OF ST. MARYLEBONE

DURING JULY, 1904,

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.

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The week ending July 2nd was dry, bright and warm. Minimum temperature,  $47.0^{\circ}$ ; maximum,  $75.0^{\circ}$ ; mean,  $63.9^{\circ}$ . On one day only a little rain fell (0.03 inch). Winds variable. Sunshine registered in Regent's Park, 68.4 hours, equal to 59.2 %. Mean barometer, 29.9 inches.

The week ending July 9th was similar in weather to the preceding. Minimum temperature,  $50.0^{\circ}$ ; maximum,  $81.0^{\circ}$ ; mean,  $67.5^{\circ}$ . On one day rain fell (0.10 inch). Winds westerly. Sunshine, 45.3 %. Mean barometer, 30.0 inches.

The week ending July 16th was very warm, the mean temperature being no less than  $72.3^{\circ}$ , with minimum and maximum of  $67.0^{\circ}$  and  $84.0^{\circ}$ . On one day only rain fell (0.02 inch). Winds S.W. and S.E. Sunshine in Regent's Park, 74.0%. Mean barometer, 30.0 inches.

The week ending July 23rd was almost equal in heat to the previous week, the mean temperature being  $71.4^{\circ}$ , the minimum  $55.0^{\circ}$ ; the maximum,  $89.0^{\circ}$ . A slight shower of rain fell (0.02 inch). Winds S.W. and S.E. Sunshine, 65.8%. Mean barometer, 30.0 inches.

The week ending July 30th was unsettled, cooler, and moister. Minimum temperature, 54·0°; maximum, 79·5°; mean, 53·2°. On five days rain, mostly accompanied with thunder and lightning, fell to the extent of 1·74 inch. Sunshine, 25 %. Mean barometer, 29·8 inches.

## Births and Deaths.

During the five weeks ending July 30th there have been registered 259 births and 157 deaths. These births and deaths are divided among the five sub-districts, as set forth in Table IV. 52 of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. .. .	36
Western Fever Hospital .. .. .	2
Charing Cross Hospital .. .. .	1
University Hospital .. .. .	1
St. Mary's Hospital .. .. .	5
Children's Hospital, Paddington .. .. .	1
Colney Hatch Asylum .. .. .	1
St. Thomas' Home .. .. .	1
St. Pancras Workhouse .. .. .	1
St. Pancras Infirmary .. .. .	1
Rowton House, Hammersmith .. .. .	1
In the Street .. .. .	1
	—
Total	<u>52</u>

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

All Souls, birth-rate 13·8; death-rate 9·7.  
 Rectory, birth-rate 19·4; death-rate 8·9.  
 St. Mary, birth-rate 25·3; death-rate 14·9.  
 Christ Church, birth-rate 25·8; death-rate 15·3.  
 St. John, birth-rate 16·4; death-rate 11·7.  
 The whole district, birth-rate 20·2; death-rate 12·3.

The average death-rates for five years (1898 to 1902) for the corresponding period were as follows:—All Souls, 12·8; Rectory, 14·2; St. Mary, 15·4; Christ Church, 15·8; St. John, 16·5; the whole district, 14·6.

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



TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE FIVE WEEKS ENDING JULY 30TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 5 weeks ending July 30th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending July 30, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1899-1903.
1. Deaths from the chief Zymotic Diseases .....	29	185	2·26	3·87
2. Pulmonary, other than Phthisis .....	18	115	1·40	4·20
3. Tubercular .....	13	83	1·01	2·72

## 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 brilliant hot summer weather has had the usual effect of increasing adult health generally; chest diseases, the infectious fevers, and tubercular affections all being inhibited or benefited by the disinfecting and germicidal action of the sun, aided by the abundant ventilation of constant open windows. On the other hand fatal diarrhœa has appeared among infants; the fact that the fatal cases occur in the greatest proportion in the poorest and dirtiest localities shows the intimate connection of infantile diarrhœa with hygienic conditions.

### Report of the St. Marylebone delegate to the Sanitary Congress—Glasgow, 1904.

The appointment of a delegate or delegates to a Congress is of small utility unless a report be furnished to the authority represented embodying observations of practical results achieved in the locality visited, or of any suggestions as to administration derived from papers or discussions.



Different municipalities have different methods in the expenditure of public money in the interests of general health and some get much more value for the money than others.

There is so much to be learned from Glasgow of utility to this Borough that no apology is necessary in laying stress in this report on what has been done and what is doing in Glasgow.

#### Housing of the Working Classes—Clearing of Insanitary Areas.

It is certain Glasgow could not have carried out large and important clearing and re-housing schemes under an Act so obscure in phraseology, so complicated in procedure, and so expensive in operation as the Housing of the Working Classes Act, 1890; a simpler, more economical and concise instrument was acquired so long ago as 1866 in the Glasgow Improvement Act. Under this Act a City Improvement Trust was established, with a borrowing power of £1,250,000, afterwards increased to £1,500,000 for the purpose of clearing certain large areas, re-building with wider streets, and also for establishing a Public Park. It is instructive to those in this Borough who hold such decided opinions on the taxation of ground values, that the assessments to meet this large expenditure fell wholly on the occupiers, and that when an attempt was made in 1892 to shift a portion of the burden on to the owners, Parliament refused to sanction such an arrangement. Armed with the extensive powers of the Act, the Trustees bought large quantities of land in the different scheduled parts of the City and cleared them of dilapidated and insanitary dwellings. The Trustees started with the idea they would be able to sell such cleared areas to private persons under agreement to build certain types of habitations, at a price which would largely recoup the ratepayers for the initial expense. This idea was only partially realised; the disastrous commercial crisis of 1878 culminating in the failure of the City of Glasgow Bank, produced a complete collapse in the property market, which for a long time arrested and interfered with the full development of the schemes.



Within the scheduled areas existed a number of common lodging houses described as promiscuously overcrowded, the haunts of vice, filth and immorality—these were replaced by seven model lodging houses, which were studied by Lord Rowton and served him as types of construction for his famous and successful London venture. The seven houses accommodate nightly 2,400 persons at charges of from 3½d. to 6d. per night. They are so like the Rowton houses that they need not be further described. The total cost of the seven houses including sites and equipment has been £109,343, after writing off for depreciation £19,966; the return for the year 1903 was £5 8s. 3¼d. per cent.

A peculiar institution to Glasgow is the "Family Home" situated in St. Andrew Street; the cost of which was £17,600, designed for deserving widows and widowers having one or more young children with no one to look after them; now, however, it is restricted entirely to widowers. The house contains 160 single plainly furnished bedrooms, each capable of accommodating one adult and three children—a common dining room and kitchen, with gas fires and steam cooking boilers; a nursery, recreation rooms, baths, and lavatories. The building is lighted by the electric light and warmed by a hot water installation. The rent of each bedroom is 5s 6d. per week, meals are cooked and supplied at almost cost price, and the children are boarded at an average of 1s. 7d. per week each.

A superintendent, nurses, and servants form the staff. Children under school age are attended by the nurses—the elder children go to school. The expenses, therefore, of a widower left with three young children, his wages being, say, 25s. per week, would total up somewhat as follows;—

	s.	d.
Rent of furnished room ...	5	6
Expense of food for the three children ...	4	9
His own food, say ... ..	6	0
	<hr/>	<hr/>
	16	3

This leaves 8s. 9d. per week for clothes, club subscription, literature, tobacco, beer, amusements; no large sum, but with strict economy and self control sufficient.



It is stated there is a small loss on the "Family Home" scheme.

The number of houses erected or re-constructed under the powers of the 1866 Act and subsequent Improvement Acts are as follows:—

	1 Tenement Houses.	2 Tenement Houses.	3 Tenement Houses.	Larger. Houses.	Total
New erections	474	1,042	197	11	1,724
Old properties re-constructed	94	92	82		268
	<u>568</u>	<u>1,134</u>	<u>279</u>	<u>11</u>	<u>1,992</u>

The total population housed is given as 11,500. The rents charged for the

One apartment houses are from 1/8 to 3/5 per week.

Two " " " 2/7 " 5/5 "

Three " " " 4/9 " 8/0 "

These are lower rents than the rents in Marylebone for the same class of property.

The financial result of the schemes is set forth as follows:—

Total amount of Assessment from 1866—1897, when it ceased ...	£597,003 0 11
Nett free assets over liabilities, May 31st, 1903 ...	£28,616 17 10
Total cost to ratepayers ...	£568,386 3 1

For this they have obtained

(1.) The Alexandra Park, a fine park of 104 acres.

(2.) 98,929 square yards of ground applied in the formation of 30 new streets, and in the improvement of 26 existing streets.

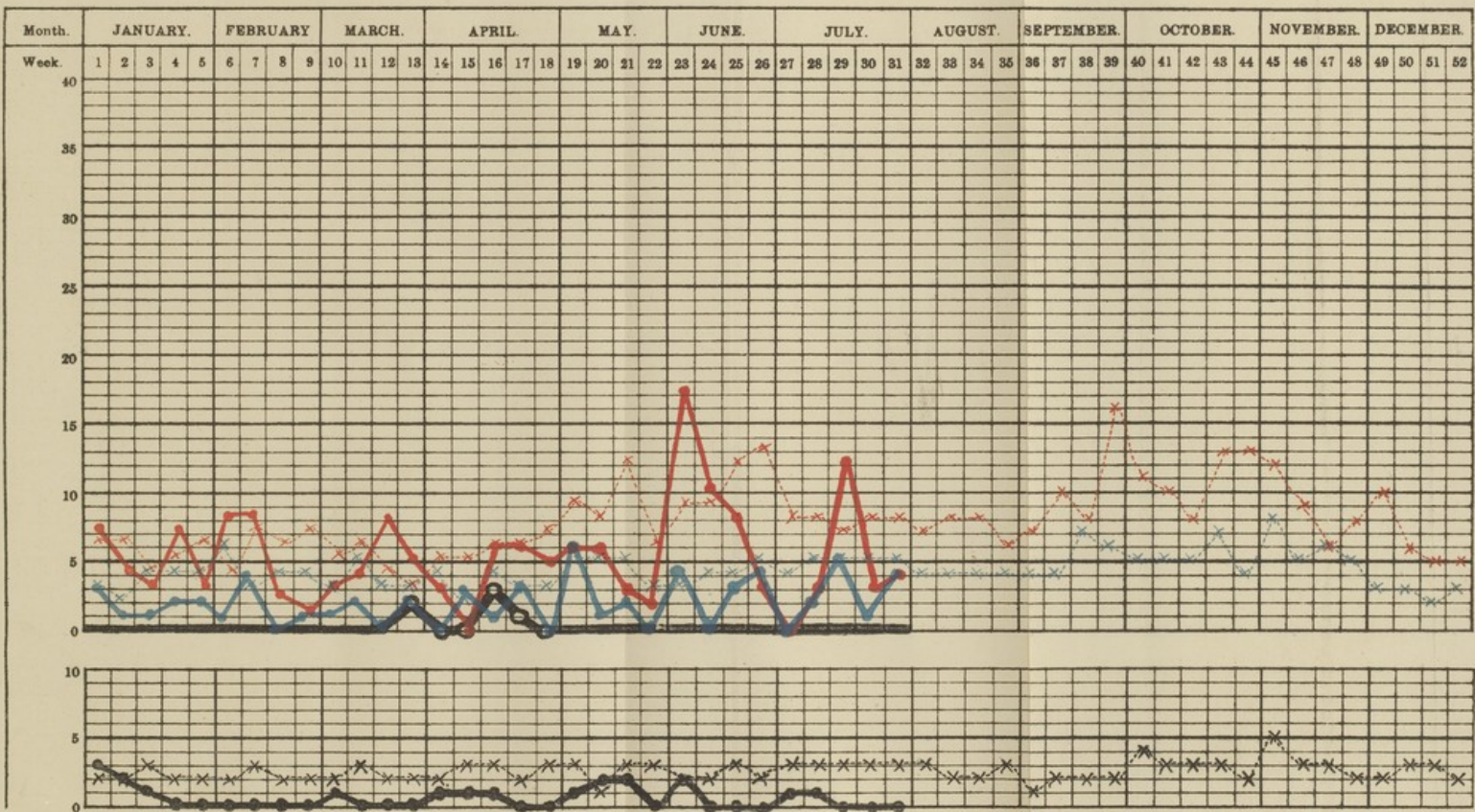
(3.) Various other public works.

The great problem in St. Marylebone and in the Metropolis generally, is that of housing the poorest classes.



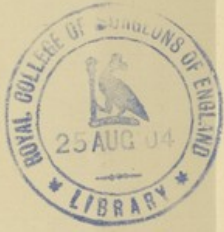
JULY, 1904.

CURVE SHOWING THE NUMBER OF CASES NOTIFIED WEEK BY WEEK OF SCARLET FEVER, DIPHTHERIA, TYPHOID FEVER, AND SMALLPOX DURING 1904.



NOTES:

- Scarlet Fever
- Diphtheria
- Typhoid Fever
- Smallpox
- Average of Scarlet Fever during 5 years ending 1903.
- " " Diphtheria " " "
- " " Typhoid Fever " " "





Glasgow has to a certain extent, aided it must be confessed by exceptional local circumstances, solved the question. The Trustees under an Improvement Act of 1897, acquired at "very moderate prices" 25 acres of vacant ground, the larger portion of which is in the northern part of the city, the smaller in the eastern part (Baltic Street and Haghill). By the end of 1902 the latter portion had been covered with houses of low rental, the rents averaging £5 per annum for a one-apartment house, £8 per annum, for a two-apartment house, exclusive of taxes. For the former no one is accepted as tenant whose earnings are above 22s. per week; for the £8 house tenants are only accepted whose earnings are below 26s. per week.

The blocks, two in number, are each four storeys high, and each contain 112 one-room tenements and 145 two-room tenements. The cost of these buildings was as follows:

#### HAGHILL TENEMENTS.

Site...	...	...	£1,503	12	0
Buildings	...	...	15,798	2	4
			<u>£17,301</u>	<u>14</u>	<u>4</u>

#### BALTIC STREET TENEMENTS.

Site...	...	...	£1,044	2	6
Buildings	...	...	10,465	8	1
			<u>£11,509</u>	<u>10</u>	<u>7</u>

The balance-sheet for a year of one of these blocks is given as follows:--

#### HAGHILL LABOURERS' DWELLINGS.

YEAR ENDING 31ST MAY, 1902.

	Rental.			Outlays.			Percentage
	£	s.	d.	£	s.	d.	of Rental.
Year 1901-1902	1,099	3	0				
Management				44	17	1	4.08
Repairs				79	15	9	7.25
Rates and Taxes, £329	7	11					
Less recovered from tenants	187	14	9	132	13	2	12.07
Insurance				7	13	6	.71
Miscellaneous				6	16	1	.61
Caretaker (Wages and house rent)				33	9	3	3.04
Irrecoverable arrears				5	8	8	.49
Sinking Fund				288	6	8	26.24
Interest on £17,000, at £3 1 6 per cent.				522	15	0	47.57
Deficiency	22	12	2				-2.06
	<u>£1,121</u>	<u>15</u>	<u>2</u>	<u>1,121</u>	<u>15</u>	<u>2</u>	<u>100.0</u>

The deficiency of 2 per cent. on rental value will, in a few years disappear, as the sinking fund accumulates.

It will be observed that the improvements have not been effected under the general powers of the statutes but under the special powers of Local Acts.

In one important direction Glasgow has made use, however, of the Housing of the Working Classes Acts. In bygone years houses in Glasgow were built and streets formed having a good space at the back of each house—but owing to the demand for buildings and absence of a proper building Act, owners have been allowed to build on these “back lands,” covering such open spaces with structures effectually blocking out light and air, and leaving between each building only narrow passages, the receptacle of dust, garbage and filth. The Corporation have utilised the sections of the Housing of the Working Classes Act, 1890, which are applicable to obstructive buildings and demolished and cleared a number of the “back land” houses.

In the Borough of St. Marylebone a somewhat similar condition of things prevails. The back yards of hundreds of houses have been either entirely built over, or cottages have been formed in the rear, obstructing the light and air of the principal or parent building. It may be possible to follow the example of Glasgow in many of such cases.

*(To be continued.)*

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TABLE II.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during July, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTOR		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
POPULATION AT ALL AGES.													
(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301		
(c) Registered Births ...	47		37		44		98		33		259		
(d) Aged under 5 or over 5													
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.													
	Chickenpox ..	5	5	3	..	1	..	15	1	14	10	38	16
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarlatina ..	3	4	2	..	3	1	4	3	1	2	13	10
	3. Diphtheria ..	..	3	..	1	1	1	2	..	2	1	5	6
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	FEVERS.												
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	1	..	..	..	..	..	..	..	1
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..	
11. Erysipelas ..	..	1	2	10	..	2	1	7	1	3	4	23	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.													
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarlatina ..	2	4	1	..	2	1	3	3	1	2	9	10
	3. Diphtheria ..	..	3	..	1	1	1	2	..	2	1	5	6
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	FEVERS.												
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	..	..	..	..	..	..	..
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	..	..	..	10	..	1	..	..	..	..	..	11	

TABLE III.—Giving the Causes of Deaths during July, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	1	..	..	..	..	..
Diarrhœa .....	..	..	..	..	2	..
Erysipelas .....	..	..	..	..	1	..
Pneumonia and Pleurisy	2	..	..	..	..	..
Pyæmia .....	..	..	1	..	..	..
Syphilis .....	..	..	..	..	1	..
Cancer .....	18	..	..	..	1	..
Phthisis & Tuberculosis	3	..	..	..	3	2
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	..	..
Paralysis .....	..	..	..	..	3	..
Bronchitis .....	1	..	..	..	6	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart .....	..	..	..	..	4	..
„ Kidney .....	..	..	..	..	..	..
„ Liver.....	..	..	..	..	1	..
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition.....	..	1	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	1	..	..	..	..	..
Old Age .....	..	..	..	..	3	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	2	..	..	..	..
Other causes .....	12	2	..	4	11	1
Total .....	*38	†5	**1	4	36	‡3

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

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

‡ One of the 3 deaths in St. John's Hospital was that of a non-parishioner.

\*\* The 1 death in the Samaritan Hospital was that of a non-parishioner.



TABLE IV.—Causes of, and Ages at, Death during the 5 weeks ending July 30th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages).					Deaths in Public Institutions.	
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.		
Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	3	..	3	..	..	..	..	2	..	..	1	..	..	1
Scarlet Fever .. ..	2	..	2	..	..	..	..	..	..	1	1	..	..	2
Whooping Cough ..	1	..	1	..	..	..	..	1	..	..	..	..	..	..
Diphtheria and Membranous Croup	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Croup .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEVER {	Typhus .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..
	Enteric .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1
	Other continued ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic Influenza ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa .. .. .	23	19	4	..	..	..	..	5	1	2	14	1	..	2
Enteritis .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever.. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Septic Diseases..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Phthisis .. .. .	9	..	..	..	..	9	..	3	1	..	3	2	..	8
Other Tubercular Diseases	4	1	2	..	..	1	..	..	..	2	1	1	..	2
Cancer, Malignant Disease	5	1	3	..	..	1	..	..	1	3	1	..	..	15
Bronchitis .. .. .	11	..	1	..	1	3	6	5	1	1	2	2	..	6
Pneumonia .. .. .	7	3	..	1	..	3	..	1	1	2	2	1	..	5
Pleurisy .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism } Cirrhosis of Liver }	7	..	..	..	..	7	..	2	1	2	2	..	..	2
Venereal Diseases ..	2	2	..	..	..	..	..	..	2	..	..	..	..	1
Premature Birth .. ..	5	3	..	..	..	..	..	1	..	..	2	..	..	2
Diseases and Accidents of Parturition	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Heart Diseases .. ..	16	..	..	..	1	10	5	1	2	..	11	2	..	3
Accidents.. .. .	2	..	..	..	..	2	..	1	..	..	..	1	..	1
Suicides .. .. .	2	..	..	..	..	1	1	..	1	..	..	1	..	4
All other causes .. ..	60	10	3	1	2	27	17	11	6	13	18	12	..	33
All causes .. .. .	157	39	19	2	4	64	29	33	17	26	58	23	..	*90

\*39 of these were Non-Parishioners.

TABLE V.—DISTRICT BIRTHS AND DEATHS FOR THE  
FIVE WEEKS ENDING JULY 30TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fmles.	Males.	Fmles.
All Souls .....	35,391	26	21	21	12
Rectory .....	19,849	18	19	9	8
St. Mary .....	18,099	17	27	14	12
Christ Church .....	39,536	60	38	31	27
St. John .....	20,426	19	14	10	13
Total .....	133,301	140	119	85	72

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



## REGISTER OF SANITARY WORK

MONTH ENDING 31ST JULY, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.											Total.	
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.								Mr. E. Lumley, Dust Inspector.
<b>Factory and Workshop Act.</b>													
Enquiries as to Occupation ... ..											10	5	15
Periodical Inspections :—													
Factories ... ..											1		1
Workshops ... ..											49	121	170
Bakehouses ... ..											35		35
Restaurants, &c. ... ..											27		27
Homeworkers' Premises ... ..											5	61	66
Domestic Workshops... ..													
<b>Food and Drugs Act.</b>													
ADULTERATION.													
Samples collected for Analysis ..	6	4	6	6									22
<b>Correspondence, Legal Procedure, &amp;c.</b>													
Complaints received ... ..	18	11	17	8	15	40					2	3	114
Letters and Intimations relating to Abatement of Nuisances ... ..	25	21	26	30	14	20						6	142
Statutory Notices Served ... ..	6	2		5	15						2		30
Proceedings taken before Magistrates ... ..													
(1) Under Public Health Act ...	1												1
(2) „ Factory & Workshop Act ...													
(3) „ Food & Drugs Act ... ..													
Reports made to Medical Officer of Health	48	30	15	56	76	25					25	6	281

## REGISTER OF SANITARY WORK

MONTH ENDING 31ST JULY, 1904.

## PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Mr. E. Lamley, Dust Inspector.			Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.						
<b>Public Health (London) Act.</b>												
Inspections.	Dwelling Houses, &c. ... ..	32	38	25	30	31	...	...	...	...	...	156
	Tenements ... ..	34	13	29	25	29	...	...	...	...	...	130
	Underground Dwellings ... ..	10	...	12	8	21	...	...	...	...	...	51
	Dairies, Milk Shops, Cow Houses	3	3	...	5	5	...	...	...	...	...	16
	Slaughter Houses ... ..	2	3	...	...	1	...	...	...	...	...	6
	Yards, Stables, and Mews ... ..	30	13	35	40	79	...	...	...	...	...	197
	Smoke Shafts ... ..	...	1	...	...	...	...	...	...	39	...	40
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...	...	...	...	...
	Refuse Receptacles ... ..	7	9	6	9	9	50	...	...	...	...	90
	Enquiries re non-removal of refuse	6	4	5	5	7	...	...	...	...	2	29
	Removal of Bodies to Mortuary ...	1	...	...	...	...	...	...	...	...	...	1
	Visits to Works in progress ... ..	230	240	50	310	204	...	...	...	...	28	1062
Miscellaneous Inspections ... ..	220	236	75	270	216	65	...	...	65	88	1235	
<b>UNWHOLESOME FOOD.</b>												
Number of seizures made ... ..		...	...	...	...	...	...	...	...	...	...	...
<b>INFECTIOUS DISEASE:—</b>												
Cases Isolated... ..		...	...	...	...	...	...	...	...	...	...	...
Cases Removed to Hospital ... ..		11	5	8	6	6	...	...	...	...	36	
Rooms Disinfected ... ..		18	7	18	30	17	...	...	...	...	90	
<b>NEW DRAINAGE:—</b>												
Number of Plans Passed ... ..		6	8	9	7	6	...	...	...	...	36	
New Pipe Drains (feet) ... ..		970	1320	1500	760	1174	...	...	...	...	5724	
Houses where defects in existing Drainage have been detected and remedied .. ..		12	9	12	9	9	...	...	...	...	51	



THE  
SANITARY CHRONICLES

BOROUGH OF ST. MARYLEBONE

DURING AUGUST AND SEPTEMBER, 1904.

Containing a Quarterly Summary of the Mortality Statistics for the Quarter ending September 24th, 1904, and the Quarterly Statement of Analytical Work done under the Sale of Food and Drugs Act, &c.

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VOL. XXIV. 3, UPPER GLOUCESTER PLACE, OCTOBER 14TH, 1904. No. 8.

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The week ending August 6th was fine and warm. Minimum temperature,  $53.0^{\circ}$ ; maximum,  $87.0^{\circ}$ ; mean,  $68.0^{\circ}$ . On two days there were slight showers, the rainfall only measuring 0.08 inch. Winds S.W. Sunshine 63.4%. Mean barometer, 29.9 inches.

The week ending August 13th was similar in weather, but slightly cooler. Minimum temperature,  $49.8^{\circ}$ ; maximum,  $75.0^{\circ}$ ; mean,  $61.0^{\circ}$ . On one day only slight rain fell (0.06 inch). Winds N. and W.S.W. Sunshine, 59.6%. Mean barometer 29.9 inches.

The week ending August 20th was cooler than the preceding two weeks. Minimum temperature  $45.5^{\circ}$ ; maximum  $75.0^{\circ}$ ; mean  $59.5^{\circ}$ . On two days rain fell, the rainfall measuring 0.47 inch. Sunshine 38%. Winds W.S.W. Mean barometer, 29.9 inches.

The week ending August 27th was cool, owing to N. and N.E. winds. Minimum temperature  $43.5^{\circ}$ ; maximum  $72.7^{\circ}$ ; mean  $57.6^{\circ}$ . On three days slight rain fell (0.22 inch). Sunshine, 41.3%. Mean barometer, 29.9 inches.

The week ending September 3rd was moist, with variable winds. Minimum temperature,  $49.5^{\circ}$ ; maximum,  $81.9^{\circ}$ ; mean,  $61.0^{\circ}$ . On three days heavy showers fell, giving a rainfall of 1.01 inch. Sunshine, 40.9%. Mean barometer, 29.8 inches.

The week ending September 10th was finer than the preceding. Minimum temperature 42·2°; maximum 71·6°; mean 57·0°. On three days rain fell (0·36 inch). Wind S.W. Sunshine 44·8%. Mean barometer 29·9 inches.

The week ending September 17th was of moderate temperatures, the minimum being 41·0°; maximum 71·4°; mean 56·4°. Winds variable. On three days slight rain fell (0·24 inch). Sunshine 41·0%. Mean barometer 29·8 inches.

The week ending September 24th was cooler, owing to N. and N.E. winds. Minimum temperature 40·5°; maximum 64·1°; mean 53·6°. On three days slight rain fell (0·20 inch). Sunshine 60%. Barometer 29·9 inches.

### Quarterly Summary.

During the thirteen weeks ending September 27th there have been registered 680 births and 479 deaths. These births and deaths are divided among the five sub-districts, as set forth in Tables V. and XI. One hundred and seventy-five of the deaths were extra-parochial, as follow :—

St. Marylebone Infirmary, Notting Hill .. .. .	119
Western Fever Hospital .. .. .	5
St. Mary's Hospital .. .. .	14
University College Hospital .. .. .	4
St. Thomas' Hospital .. .. .	1
Charing Cross Hospital .. .. .	1
London Temperance Hospital .. .. .	2
Children's Hospital, Paddington .. .. .	2
Children's Hospital, Great Ormond Street .. .. .	1
Children's Hospital, East London .. .. .	1
Heart Hospital, Soho .. .. .	1
Colney Hatch Asylum .. .. .	4
Tooting Beck Asylum .. .. .	2
Leavesden Asylum .. .. .	1
Hoxton House Asylum .. .. .	1
London County Asylum, Ilford .. .. .	1
London County Asylum, Norwood .. .. .	1
Friern Barnet Asylum .. .. .	1
Rowton House, Hammersmith .. .. .	1
St. Pancras Infirmary .. .. .	3
St. Pancras Workhouse .. .. .	1
St. Thomas' Home .. .. .	1
The Nest, Upper Clapton .. .. .	1
Paddington Canal .. .. .	1
Public Baths, Finchley Road.. .. .	1
In the Streets .. .. .	4
	<hr/>
Total	175
	<hr/> <hr/>



## Births and Deaths.

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

All Souls, birth-rate 15·3; death-rate 12·0.

Rectory, birth-rate 21·6; death-rate 8·5.

St. Mary, birth-rate 24·1; death-rate 17·2.

Christ Church, birth-rate 26·3; death-rate 16·5.

St. John, birth-rate 18·0; death-rate 12·9.

The whole district, birth-rate 20·4; death-rate 14·4.

The average death-rates for five years (1898 to 1903) for the corresponding period were as follows:—All Souls, 12·8; Rectory, 14·3; St. Mary, 15·9; Christ Church, 18·6; St. John, 17·6; the whole district, 15·8.

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

### TABLE I.

SHOWING THE COMPARATIVE MORTALITY DURING THE THIRTEEN WEEKS  
ENDING SEPT. 24TH, 1904, FROM CERTAIN CLASSES OF DISEASE  
AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 13 weeks ending Sept. 24th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 13 weeks ending Sept. 24, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1898-1903.
1. Deaths from the chief Zymotic Diseases .....	105	219	3·17	3·62
2. Pulmonary, other than Phthisis .....	54	113	1·62	1·90
3. Tubercular .....	49	102	1·47	1·95

#### 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 health of the district has been exceptionally good throughout the past quarter. Seldom has there prevailed climatic conditions so favourable to good health, for although the sunshine has been unusually abundant, there has been no prolonged wave of hot weather. The chief factor raising or lowering the general mortality in the summer months is the prevalence or absence of infantile diarrhœa. Nearly 30 deaths of young infants occurred during the quarter from this cause, but the number is still below the average.

### Prosecutions under the Public Health (London) Act.

The case of 119, Church-street was again before the Magistrate, and Joseph Andrews, the owner, again stated he was without means to do the work; thereupon the Magistrate sent him to prison, for disobedience of the order, for three weeks.

The case is profoundly unsatisfactory, and shows something entirely wrong in procedure; a house is ordered to be drained, the owner cannot pay the money to have it done, and the final remedy is that he obtains board and lodging at the expense of the community, the house remaining as before.

## REPORT OF THE DELEGATE TO THE GLASGOW HEALTH CONGRESS.

(Continued from Page 82.)

### Depôts for the Supply of clean sterilised Milk for hand-fed Infants.

It is beyond dispute that much of the fatal infantile diarrhœa of infants is caused by dirty, or sour, or impure milk.

The Corporation of Glasgow is grappling in a practical manner with this subject by sterilising milk on a large scale.



The milk is first cleansed of dirt by an adaptation of an Alpha-Laval separator. It is then bottled into 7-oz. bottles by an ingenious automatic arrangement, allowing a large number of bottles to be filled simultaneously; the bottles are stoppered, put into galvanized iron baskets, each containing nine bottles, and conveyed to the steriliser, an apparatus which can sterilise 860 bottles in these baskets at one charge.

After remaining twenty minutes at a temperature just under boiling water, the steam is replaced by a spray of cold water, the steriliser is opened, and the trolleys bearing the trays of bottles run into a refrigerator, from whence, after forty minutes, they are conveyed to the sale room.

The prices are as follows :—

Nine 7-oz. bottles, one part with two parts water, suitable for infants under 3 months old	... ..	2d.
Nine 7-oz. bottles, one part milk and one part water, suitable for infants from 3 months to 6 months old	... ..	2½d.
Nine 7-oz. bottles, two parts with one part water, for infants from 6 to 8 months old	... ..	3d.

Several other corporate bodies outside the Metropolis are now provided with similar depôts, notably Liverpool; the Liverpool depôt, instead of selling milk diluted with water according to the age of the infant, aims at imitating human milk by suitable additions of water, cream, sugar, and salt.

The system was initiated in 1901, so that Liverpool has two years' experience of the system. The Medical Officer of Health for Liverpool, in his last annual report, states: "The fact stands out that of 4,453 infants coming very promiscuously to the depôt at varied ages and in conditions of health below the average, the mortality was 78 per 1,000, as against 100 for the whole city."

In the more crowded parts of Marylebone the mortality of hand-fed infants is excessive, and if there is a reasonable prospect of reducing this mortality by following the examples of Glasgow, of Liverpool, of Ashton-under-Lyne,







municipal trading? The answer to this is that the aim of private persons would naturally be commercial, whereas the aim of a Health Authority would be to reduce infantile mortality by obtaining the cleanest kinds of milk from properly supervised farms, and only to make a sufficient profit to render the scheme self-supporting.

Your delegate has in the above report made no allusion to the work of the Congress itself. There were many excellent addresses, papers, and good discussions, but his attention was directed rather to matters which either are or may become burning practical questions affecting the Borough of St. Marylebone, and he trusts he has collected information of some value.

### **The Laboratory—Sale of Food and Drugs Act,**

The samples taken during the quarter are detailed in Table XII. Of the 151 samples, not a single one justified the issue of a certificate of adulteration. The low amount of adulteration in Marylebone has been commented upon; it must, however, be remembered that adulteration in the Metropolis generally is low; that a large number of samples are taken every year; that those who formerly occupied a fairly long black list have been harassed by frequent sampling and have left the district in consequence. It must also be borne in mind that the Sale of Food and Drugs Acts permit high-class milks to be watered down to the borders of the statutory limit, and to be also deprived of cream to a certain definite extent. Of the 57 milks examined, there were several just on the border line. One milk was found to contain a little borax; this was not sufficient to preserve it effectually nor sufficient to support a certificate in the hot weather of July. The majority of the milks were of first-class quality. There have been a few prosecutions in certain districts as to brandy lately, but there still exists a good deal of difference of opinion as to what the standard should be for brandy. The six samples examined this quarter all contained the amount of ether and higher alcohols which have been found in genuine brandy, but could not be called of the highest quality. A large number of the other samples consist of articles rarely wilfully adulterated, but were specially examined for metals and injurious substances.

TABLE II.—Giving the Causes of Deaths during the September quarter, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	2	..	..	..	..	..
Diarrhœa .....	1	..	..	1	6	..
Erysipelas .....	..	..	..	..	2	..
Pneumonia and Pleurisy	5	..	..	..	..	..
Pyæmia .....	..	..	1	..	..	..
Syphilis .....	..	..	..	..	4	..
Cancer .....	35	..	..	..	8	..
Phthisis & Tuberculosis	9	..	..	..	24	6
Rheumatism .....	..	..	..	—	..	..
Apoplexy .....	..	..	..	..	3	..
Paralysis .....	..	..	..	..	5	..
Bronchitis .....	2	..	..	..	16	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
„ Heart .....	3	1	..	2	12	..
„ Kidney .....	..	..	..	..	..	..
„ Liver.....	4	..	..	..	2	..
„ Uterus .....	..	..	..	..	..	..
„ Ovary .....	..	..	..	..	..	..
Parturition.....	..	1	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	7	..	..	1	8	..
Old Age .....	..	..	..	..	..	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	3	..	..	..	..
Other causes .....	24	4	1	6	29	..
Total .....	*92	†9	**2	10	119	‡6

\* Of the 92 deaths in the Middlesex Hospital, 61 were those of non-parishioners.

† Seven of the 9 deaths in Queen Charlotte's Hospital were those of non-parishioners.

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

‡ Four of the six deaths in the Hospital of St. John were non-parishioners



TABLE III.—DISTRICT BIRTHS AND DEATHS FOR THE  
FOUR WEEKS ENDING AUGUST 24TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	FmIs.	Males.	FmIs.
All Souls .....	35,391	20	26	25	19
Rectory .....	19,849	14	10	9	3
St. Mary .....	18,099	18	13	17	14
Christ Church .....	39,536	49	44	38	41
St. John .....	20,426	15	8	11	15
Total .....	133,301	116	101	100	92

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.—DISTRICT BIRTHS AND DEATHS FOR THE  
FOUR WEEKS ENDING SEPTEMBER 24TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	FmIs.	Males.	FmIs.
All Souls .....	35,391	27	16	15	14
Rectory .....	19,849	8	14	7	6
St. Mary .....	18,099	20	14	10	11
Christ Church .....	39,536	36	33	30	20
St. John .....	20,426	19	17	11	6
Total .....	133,301	110	94	73	57

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.

TABLE V.—DISTRICT BIRTHS AND DEATHS FOR THE THIRTEEN WEEKS ENDING SEPTEMBER 24TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fms.	Males.	Fms.
All Souls.....	35,391	73	63	61	47
Rectory .....	19,849	40	43	25	17
St. Mary .....	18,099	55	54	41	37
Christ Church .....	39,536	145	115	99	88
St. John ... ..	20,426	53	39	32	34
Total.....	133,301	366	314	258	221

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, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
POPULATION AT ALL AGES.													
(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301		
(c) Registered Births ..	46		24		31		93		23		217		
(d) Aged under 5 or over 5	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chicken pox	2	3	..	..	3	..	6	6	9	1	20	10
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	4	7	..	2	6	2	2	10	1	..	13	21
	3. Diphtheria ..	2	2	..	..	..	1	..	3	..	..	2	6
	4. Membranous Croup..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	..	..	..	..	2	..	5	..	1	..	8
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	6	..	4	..	7	1	3	..	..	1	20
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	4	7	..	2	6	2	2	10	1	..	13	21
	3. Diphtheria ..	1	1	..	..	..	1	..	1	..	..	1	3
	4. Membranous Croup..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	..	..	..	..	2	..	4	..	..	..	6
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	2	..	1	..	..	..	..	..	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, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		RECTOR		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals	
		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
POPULATION AT ALL AGES.	(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301	
	(c) Registered Births ...	43		22		34		69		36		204	
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chickenpox ..	..	1	..	..	..	1	3	2	10	2	13	6
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	3	5	..	1	2	1	5	8	1	1	11	16
	3. Diphtheria ..	1	..	..	1	1	3	3	2	..	1	5	7
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	1	..	2	..	2	..	3	..	..	..	8
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	1	..	1	1	1	2	2	5	..	9	5	17	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	2	5	..	..	2	1	5	7	1	1	10	14
	3. Diphtheria ..	1	..	..	1	1	3	3	2	..	1	5	7
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	1	..	2	..	2	..	1	..	..	..	6
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	1	..	..	..	3	..	1	..	5

TABLE VIII.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during September Quarter, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)	ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals		
	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	
POPULATION AT ALL AGES.													
(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301		
(c) Registered Births..	136		83		109		260		92		680		
(d) Aged under 5 or over 5.													
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chickenpox	7	9	3	..	4	1	24	9	33	13	71	32
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	10	16	2	3	11	4	11	21	3	3	37	47
	3. Diphtheria ..	3	5	..	2	2	5	5	5	2	2	12	19
	4. Membranous Croup .. ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	1	..	3	..	4	..	8	..	1	..	17
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	..	..	1	..	..	..	..	..	..
	10. Cholera.. ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	1	7	3	15	1	12	4	15	1	12	10	61	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	8	16	1	2	10	4	10	20	3	3	32	45
	3. Diphtheria ..	2	4	..	2	2	5	5	3	2	2	11	16
	4. Membranous Croup .. ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid	..	1	..	2	..	4	..	5	..	..	..	12
	7. Continued	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	13	..	2	..	3	..	1	..	19



TABLE IX.—Causes of, and Ages at, Death during the 4 weeks ending August 27th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages).					Deaths in Public Institutions.	
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	ALL SOULS.	RECTORY.	ST. MARY.	CHRIST CHURCH.	ST. JOHN.		
Smallpox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough ..	1	1	..	..	..	..	..	1	..	..	..	..	..	1
Diphtheria and Mem- branous Croup	1	..	..	1	..	..	..	..	..	..	1	..	..	..
Croup .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
FEVER {	Typhus .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..
	Enteric .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1
	Other continued ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic Influenza ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa .. .. .	46	55	8	..	..	1	2	6	2	7	25	6	7	7
Enteritis .. .. .	11	2	9	..	..	..	..	2	..	..	9	..	2	2
Puerperal Fever.. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	1	..	..	..	..	..	1	..	..	..	1	..	..	..
Other Septic Diseases..	1	..	..	..	..	1	..	..	..	..	1	..	1	1
Phthisis .. .. .	14	..	..	..	..	14	..	2	..	3	8	1	15	15
Other Tubercular Diseases	10	5	1	2	..	2	..	3	2	3	2	..	8	8
Cancer, Malignant Disease	10	..	..	..	..	7	3	2	1	3	1	3	11	11
Bronchitis .. .. .	12	..	2	..	..	6	4	1	1	..	8	2	6	6
Pneumonia .. .. .	6	..	3	..	..	3	..	..	..	..	5	1	2	2
Pleurisy .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism Cirrhosis of Liver }	2	..	..	..	..	2	..	1	..	..	..	1	3	3
Venereal Diseases ..	2	2	..	..	..	..	..	1	..	..	..	1	1	1
Premature Birth ..	1	1	..	..	..	..	..	1	..	..	..	..	1	1
Diseases and Accidents of Parturition	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Heart Diseases .. ..	16	1	..	..	..	8	7	7	1	3	3	2	8	8
Accidents.. .. .	6	2	..	1	1	..	2	..	1	1	3	1	1	1
Suicides .. .. .	1	..	..	..	..	..	1	1	..	..	..	..	1	1
All other causes ....	51	14	1	1	..	15	20	16	4	11	12	8	34	34
All causes .. .. .	192	63	24	5	1	59	40	44	12	31	79	26	104	104

\*Of these were Non-Parishioners.

TABLE X.—Causes of, and Ages at, Death during the four weeks ending September 24th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ..	1	...	1	...	...	...	...	...	...	...	...	1	1	1
Whooping Cough ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup ..	2	...	1	1	...	...	...	...	...	1	1	...	2	2
Croup .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Enteric .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Other continued ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ..	1	...	...	...	...	...	1	...	...	...	...	1	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa ... ..	11	11	...	...	...	...	...	1	...	2	8	...	1	1
Entertis ... ..	1	1	...	...	...	...	...	...	...	...	1	...	1	1
Puerperal fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases...	1	...	...	...	...	...	...	1	...	...	...	...	1	1
Phthisis ... ..	10	...	...	...	2	8	...	3	...	2	3	2	12	12
Other Tubercular Diseases	2	...	...	...	1	1	...	...	...	...	2	...	1	1
Cancer, Malignant Disease	10	...	...	...	...	7	3	2	2	1	4	1	18	18
Bronchitis ... ..	10	2	...	...	...	2	6	2	...	3	5	...	3	3
Pneumonia ... ..	8	1	3	...	...	1	3	3	2	3	...	...	4	4
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } .. ..	2	...	...	...	...	2	...	1	...	1	...	...	6	6
Cirrhosis of Liver } ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veneral Diseases ...	4	4	...	...	...	...	...	...	...	...	4	...	1	1
Premature Birth ...	4	4	...	...	...	...	...	1	...	1	1	1	...	...
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases ... ..	8	...	...	1	1	2	4	3	1	1	1	2	7	7
Accidents... ..	4	...	...	...	1	1	2	2	...	...	1	1	6	6
Suicides ... ..	1	...	...	...	...	1	...	...	...	...	1	...	...	...
All other causes...	50	11	...	1	1	16	21	10	8	6	18	8	23	23
All causes ... ..	130	34	5	3	6	42	40	29	13	21	50	17	87	87

\*29 of these were Non-Parishioners.



TABLE XI.—Causes of, and Ages at, Death during the 13 weeks ending September 24th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages.)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles ... ..	3	..	3	..	..	..	..	2	..	..	1	..	..	1
Scarlet Fever ... ..	3	..	3	..	..	..	..	..	..	1	1	1	..	3
Whooping Cough ... ..	2	1	1	..	..	..	..	2	..	..	..	..	..	1
Diphtheria and Membranous Croup	3	..	1	2	..	..	..	..	..	1	2	..	..	2
Typhus ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Enteric ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Other continued ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza ... ..	1	..	..	..	..	..	1	..	..	..	..	1	..	..
Cholera ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa ... ..	80	65	12	..	..	1	2	12	3	11	47	7	..	10
Esteritis ... ..	12	3	9	..	..	..	..	2	..	..	10	..	..	3
Puerperal fever ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas ... ..	1	..	..	..	..	..	1	..	..	..	1	..	..	..
Other Septic Diseases ... ..	2	..	..	..	..	2	..	1	..	..	1	..	..	3
Phthisis ... ..	33	..	..	..	2	31	..	8	1	5	14	5	..	35
Other Tubercular Diseases	16	6	3	2	1	4	..	3	2	5	5	1	..	11
Cancer, Malignant Disease	25	1	3	..	..	15	6	4	4	7	6	4	..	44
Bronchitis ... ..	33	2	3	..	1	11	16	8	2	4	15	4	..	15
Pneumonia ... ..	21	4	6	1	..	7	3	4	3	5	7	2	..	11
Pleurisy ... ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver } ... ..	11	..	..	..	..	11	..	4	1	3	2	1	..	11
Venereal Diseases ... ..	8	8	..	..	..	..	..	1	2	..	4	1	..	3
Premature Birth ... ..	8	8	..	..	..	..	..	3	..	1	3	1	..	3
Diseases and Accidents of Parturition	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Heart Diseases ... ..	40	1	..	1	2	20	16	11	4	4	15	6	..	18
Accidents ... ..	12	2	..	1	2	3	4	3	1	1	4	3	..	8
Suicides ... ..	4	..	..	..	..	2	2	1	1	..	1	1	..	5
All other causes... ..	161	35	4	3	3	58	58	37	18	30	48	28	..	90
All causes ... ..	479	136	48	19	11	165	109	106	42	78	187	66	..	*281

\*83 of these were Non-Parishioners.

TABLE XII.—SALE OF FOOD AND DRUGS ACTS.  
 SAMPLES ANALYSED DURING SEPTEMBER QUARTER, 1904.

	Genuine.	Adulterated.	Total.
<b>DAIRY PRODUCTS—</b>			
Milk .. .. .	57	—	57
Butter .. .. .	18	—	18
Margarine .. .. .	1	—	1
Lard .. .. .	5	—	5
Cream .. .. .	2	—	2
<b>ALCOHOLIC BEVERAGES—</b>			
Whisky .. .. .	10	—	10
Brandy .. .. .	6	—	6
Gin.. .. .	4	—	4
Rum .. .. .	1	—	1
<b>NON-ALCOHOLIC BEVERAGES—</b>			
Coffee .. .. .	1	—	1
Tea .. .. .	1	—	1
Cocoa .. .. .	3	—	3
<b>CONDIMENTS—</b>			
Pepper .. .. .	4	—	4
Mustard .. .. .	4	—	4
Vinegar .. .. .	1	—	1
Salt .. .. .	1	—	1
<b>TINNED &amp; BOTTLED GOODS—</b>			
Condensed Milk .. .	3	—	3
Lobster .. .. .	1	—	1
Salmon .. .. .	1	—	1
Sardines .. .. .	4	—	4
Bloater Paste .. .. .	1	—	1
Herrings .. .. .	1	—	1
Turkey and Tongue .. .	1	—	1
Pines .. .. .	3	—	3
Tomatoes .. .. .	1	—	1
Tomato Sauce .. .. .	1	—	1
<b>SACCHARINE SUBSTANCES—</b>			
Jam .. .. .	5	—	5
Honey .. .. .	1	—	1
Sweets .. .. .	1	—	1
Golden Syrup .. .. .	1	—	1
<b>MISCELLANEOUS—</b>			
Cornflour .. .. .	1	—	1
Lime Juice .. .. .	1	—	1
Olive Oil .. .. .	2	—	2
Capers .. .. .	1	—	1
Ginger Wine .. .. .	1	—	1
Eucalyptus Oil .. .. .	1	—	1
	151	—	151



REGISTER OF SANITARY WORK  
MONTH ENDING 31ST AUGUST, 1904.

PUBLIC HEALTH DEPARTMENT.

	District Inspectors.					Mr. E. Lumley, Dust Inspector.				Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.							
<b>Factory and Workshop Act.</b>												
Enquiries as to Occupation ... ..										20	3	23
Periodical Inspections :—												
Factories ... ..										3	...	3
Workshops ... ..										39	4	43
Bakehouses ... ..										20	...	20
Restaurants, &c. ... ..										35	...	35
Homeworkers' Premises ... ..										...	11	11
Domestic Workshops... ..										...	...	...
<b>Food and Drugs Act.</b>												
ADULTERATION.												
Samples collected for Analysis ...	6	16	20	...	...	...	...	...	...	...	...	42
<b>Correspondence, Legal Procedure, &amp;c.</b>												
Complaints received ... ..	14	5	15	17	12	24	...	...	13	4	104	
Letters and Intimations relating to Abatement of Nuisances ... ..	18	12	29	30	5	10	...	...	...	7	111	
Statutory Notices Served ... ..	...	...	...	...	7	...	...	...	...	...	...	7
Proceedings taken before Magistrates ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(1) Under Public Health Act ... ..	1	...	...	...	...	...	...	...	...	...	...	1
(2) „ Factory & Workshop Act ... ..	...	...	...	...	...	...	...	...	...	...	...	...
(3) „ Food & Drugs Act ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Reports made to Medical Officer of Health	21	21	20	35	10	15	...	...	9	5	136	





REGISTER OF SANITARY WORK  
MONTH ENDING 30TH SEPTEMBER, 1904.  
PUBLIC HEALTH DEPARTMENT.

	District Inspectors.						Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.	Mr. E. Lumley, Dust Inspector.			
<b>Factory and Workshop Act.</b>									
Enquiries as to Occupation ... ..							2	4	6
Periodical Inspections :—									
Factories ... ..							4		4
Workshops ... ..							39	18	57
Bakehouses ... ..							20		20
Restaurants, &c. ... ..							18		18
Homeworkers' Premises ... ..							3	36	39
Domestic Workshops... ..									
<b>Food and Drugs Act.</b>									
<b>ADULTERATION.</b>									
Samples collected for Analysis ...	24		4	24	30				82
<b>Correspondence, Legal Procedure &amp;c.</b>									
Complaints received ... ..	6	9	18	7	15	26	1	9	91
Letters and Intimations relating to Abatement of Nuisances ... ..	24	18	45	16	26	25		8	162
Statutory Notices Served... ..	6		19		10				35
Proceedings taken before Magistrates ...									
(1) Under Public Health Act ...	1								1
(2) „ Factory & Workshop Act									
(3) „ Food & Drugs Act ...									
Reports made to Medical Officer of Health	32	30	35	20	62	20	10	2	211

## REGISTER OF SANITARY WORK

MONTH ENDING 30TH SEPTEMBER, 1904.

## PUBLIC HEALTH DEPARTMENT.

		District Inspectors.					Mr. E. Lumley, Dust Inspector.			Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	Total.
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.						
<b>Public Health (London) Act.</b>												
Inspections.	Dwelling Houses, &c. ... ..	36	43	39	9	31						158
	Tenements ... ..	30		35	16	28						109
	Underground Dwellings ... ..	12		20	3	18						53
	Dairies, Milk Shops, Cow Houses	13	3	20	2	14						52
	Slaughter Houses ... ..	2	4	3		2						11
	Yards, Stables, and Mews ... ..	33	8	35	30	46						152
	Smoke Shafts ... ..			6	3	3				4		16
	Offensive Trades and Effluvia Businesses ... ..											
	Refuse Receptacles ... ..	6	4	5	8	9	30					62
	Enquiries <i>re</i> non-removal of refuse	4	3	6	3	12	105					133
	Removal of Bodies to Mortuary ..	2										2
	Visits to Works in Progress ...	180	230	130	80	146						766
Miscellaneous Inspections ... ..	76	83	75	60	84	20				52	450	
<b>UN WHOLESOME FOOD:—</b>												
	Number of seizures made ... ..				1							1
<b>INFECTIOUS DISEASE:—</b>												
	Cases Isolated ... ..	1		2								3
	Cases removed to Hospital ... ..	10	2	18	7	12						49
	Rooms Disinfected ... ..	18	3	18	13	24						76
<b>NEW DRAINAGE:—</b>												
	Number of Plans Passed ... ..	8	15	9	1	9						42
	New Pipe Drains (feet) ... ..	984	986	830	630	1212						4642
	Houses where defects in existing Drainage have been detected and remedied ... ..	12	16	10	3	11						52





THE  
SANITARY CHRONICLES

BOROUGH OF ST. MARYLEBONE

DURING OCTOBER, 1904,

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.

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The week ending October 1st was somewhat foggy. Minimum temperature,  $38.8^{\circ}$ ; maximum,  $65.7^{\circ}$ ; mean,  $52.1^{\circ}$ . Winds variable. On two days slight rain fell (0.14 inch). Sunshine about 34 % of the possible. Mean barometer, 29.8 inches.

The week ending October 8th was fairly fine and free from fog. Minimum temperature,  $39.0^{\circ}$ ; maximum,  $62.5^{\circ}$ ; mean,  $47.1^{\circ}$ . On two days slight rain fell (0.45 inch). Sunshine registered in Regent's Park 11 %. Mean barometer 30.2 inches.

The week ending October 15th was cool and overcast with occasional fogs. Minimum temperature  $35.0^{\circ}$ ; maximum  $57.0^{\circ}$ ; mean  $50.6^{\circ}$ . On one day only slight rain fell (0.01 inch). Winds easterly. Sunshine, 14.6 %. Mean barometer, 30.0 inches.

The week ending October 22nd was foggy. Minimum temperature  $39.5^{\circ}$ ; maximum  $64.1^{\circ}$ ; mean  $56.8^{\circ}$ . On three days rain fell (0.30 inch). Sunshine in Regent's Park only 3 %. Mean barometer, 29.8 inches.

The week ending October 29th was fairly fine. Minimum temperature,  $40.5^{\circ}$ ; maximum,  $59.0^{\circ}$ ; mean,  $50.1^{\circ}$ . On two days rain fell (0.28 inch). Winds W. and W.N.W. Sunshine, 28 %. Mean barometer, 30.0 inches.



## Births and Deaths.

During the five weeks ending October 29th there have been registered 281 births and 149 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV. Fifty-two of the deaths were extra-parochial, as follows :—

St. Marylebone Infirmary, Notting Hill .. ..	34
St. Mary's Hospital .. ..	3
Western Fever Hospital .. ..	1
St. Bartholomew's Hospital .. ..	1
University College Hospital .. ..	2
St. George's Hospital .. ..	2
Royal Hospital for Incurables .. ..	1
Children's Hospital, Great Ormond Street .. ..	1
Children's Hospital, Paddington .. ..	2
St. Pancras Infirmary .. ..	1
London Temperance Hospital .. ..	1
Cane Hill Asylum .. ..	2
London County Asylum .. ..	1
<b>Total</b>	<b>52</b>

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

All Souls, birth-rate 18·2; death-rate 0·94.

Rectory, birth-rate 14·7; death-rate 11·0.

St. Mary, birth-rate 30·4; death-rate 13·2.

Christ Church, birth-rate 28·1; death-rate 11·8.

St. John, birth-rate 15·8; death-rate 14·3.

The whole district, birth-rate 21·9; death-rate 11·6.

The average death-rates for five years (1899 to 1903) for the corresponding period were as follows :—All Souls, 13·1; Rectory, 13·7; St. Mary, 14·2; Christ Church, 18·5; St. John, 14·3; the whole district, 14·9.

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 FIVE WEEKS  
ENDING OCT. 29TH, 1904, FROM CERTAIN CLASSES OF DISEASE  
AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 5 weeks ending Oct. 29th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 5 weeks ending Oct. 29, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corres- ponding period 1897-1903.
1. Deaths from the chief Zymotic Diseases .....	9	60	0.70	2.06
2. Pulmonary, other than Phthisis	22	147	1.72	2.72
3. Tubercular .....	20	134	1.56	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.

### The Public Health of the District during October.

The climatic conditions of the month appear to have been favourable to health. The death and zymotic rates were singularly below the average, and the absence of anything approaching to an epidemic has again to be recorded.



TABLE II.—Giving the Causes of Deaths during the five weeks ending October 29th, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa .....	..	..	..	..	1	..
Erysipelas .....	..	..	..	..	1	..
Pneumonia and Pleurisy	1	..	..	..	..	..
Pyæmia .....	1	..	..	..	..	..
Syphilis .....	..	..	..	..	1	..
Cancer .....	10	..	..	..	2	1
Phthisis & Tuberculosis	4	..	..	..	4	..
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	1	..
Paralysis .....	..	..	..	..	3	..
Bronchitis .....	1	..	..	..	5	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
" Heart .....	5	1	..	1	1	..
" Kidney .....	..	..	..	..	..	..
" Liver.....	..	..	..	..	1	..
" Uterus .....	..	..	..	..	..	..
" Ovary .....	..	..	..	..	..	..
Parturition.....	..	1	..	..	..	..
Diabetes.....	..	..	..	..	..	..
Fractures and Injuries..	..	..	..	..	1	..
Old Age .....	..	..	..	..	8	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	..	..	..	..	..
Other causes .....	13	1	..	1	5	..
Total .....	*35	†3	..	2	34	**1

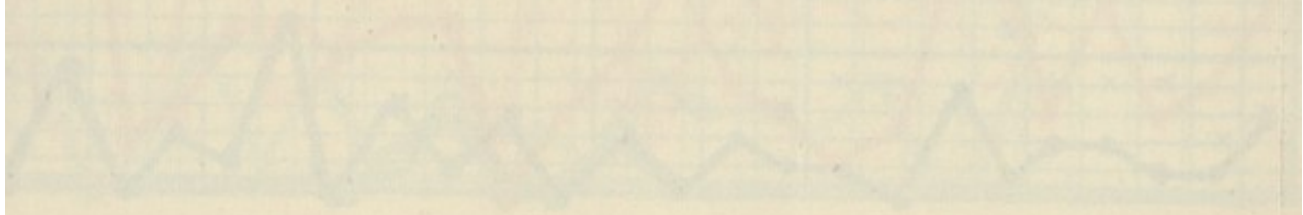
\* Of the 35 deaths in the Middlesex Hospital, 31 were those of non-parishioners.

† The 3 deaths in Queen Charlotte's Hospital were those of non-parishioners.

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

TO QUOTE SHOWING THE NUMBER OF CASES  
1. FEVERS, DYSENTERY, TYPHOID

YEAR	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------



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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 October, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals	
		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
POPULATION AT ALL AGES.	(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301	
	(c) Registered Births ...	62		28		53		107		31		281	
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	Chickenpox ..	3	4	..	2	1	4	4	5	4	4	12	19
	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	6	12	..	3	1	4	6	9	2	5	15	32
	3. Diphtheria ..	1	1	1	3	1	1	..	1	2	2	5	8
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	2	..	2	..	3	..	..	..	..	..	7
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
11. Erysipelas ..	1	1	..	7	..	3	..	6	..	5	1	22	
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	6	12	..	1	1	2	6	8	1	2	14	25
	3. Diphtheria ..	..	..	..	1	1	2	..	1	2	1	3	5
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	3	..	..	..	..	..	3
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	6	..	..	..	1	..	2	..	9

TABLE IV. — DISTRICT BIRTHS AND DEATHS FOR THE FIVE WEEKS ENDING OCTOBER 29TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fmls.	Males.	Fmls.
All Souls .....	35,391	33	29	15	17
Rectory .....	19,849	16	12	7	14
St. Mary.....	18,099	28	25	8	15
Christ Church .....	39,536	52	55	19	26
St. John.....	20,426	14	17	17	11
Total .....	133,301	143	138	66	83

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.—Causes of, and Ages at, Death during the five weeks ending October 29th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ..	1	...	...	1	...	...	...	...	...	...	...	1	...	...
Whooping Cough ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup ..	1	...	1	...	...	...	...	1	...	...	...	...	...	...
Fever { Typhus .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Enteric .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Other continued .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ..	1	...	...	...	...	1	...	...	...	...	1	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ... ..	4	4	...	...	...	...	...	...	2	1	1	...	...	2
Enteritis ... ..	1	...	1	...	...	...	...	...	...	...	1	...	...	...
Puerperal fever .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	1	...	...	...	...	...	1	...	...	...	...	1	...	1
Other Septic Diseases...	1	...	...	1	...	...	...	...	...	1	...	...	...	2
Phthisis ... ..	19	...	...	...	3	16	...	1	3	4	7	4	...	8
Other Tubercular Diseases ..	1	1	...	...	...	...	...	...	...	1	...	...	...	1
Cancer, Malignant Disease ..	9	...	...	...	...	3	6	3	2	1	1	2	...	11
Bronchitis ... ..	18	3	...	...	...	6	9	4	2	1	6	5	...	7
Pneumonia ... ..	4	...	1	...	...	3	...	...	...	1	2	1	...	2
Pleurisy ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } .. ..	3	...	...	...	...	2	1	1	1	...	1	...	...	2
Cirrhosis of Liver } .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veneral Diseases .. ..	2	1	...	...	...	1	...	...	...	2	...	...	...	1
Premature Birth .. ..	1	...	...	...	...	...	...	...	...	...	1	...	...	...
Diseases and Accidents of Parturition ..	3	...	...	...	...	3	...	...	...	1	2	...	...	2
Heart Diseases ... ..	12	...	...	...	...	5	7	2	3	2	4	1	...	7
Accidents... ..	3	1	...	...	...	1	1	...	1	1	1	...	...	1
Suicides ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All other causes .. ..	64	14	3	...	1	20	26	20	7	7	17	13	...	33
All causes ... ..	149	25	6	2	4	61	51	32	21	23	45	28	...	80*

\*35 of these were Non-Parishioners.

## REGISTER OF SANITARY WORK

MONTH ENDING 31ST OCTOBER, 1904.

## PUBLIC HEALTH DEPARTMENT.

	District Inspectors.								Miss F. A. Baker.	Total.	
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.	Mr. E. Lumley, Dust Inspector.	Mr. R. Phillips, Special Duties.				
<b>Factory and Workshop Act.</b>											
Enquiries as to Occupation ... ..									10	18	28
Periodical Inspections :—											
Factories ... ..									2	1	3
Workshops ... ..									49	90	139
Bakehouses ... ..									25		25
Restaurants, &c. ... ..									30		30
Homeworkers' Premises ... ..									5	59	64
Domestic Workshops... ..											
<b>Food and Drugs Act.</b>											
<b>ADULTERATION.</b>											
Samples collected for Analysis ... ..		9	2	2							13
<b>Correspondence, Legal Procedure, &amp;c.</b>											
Complaints received ... ..		22	13	14	17	30			8	12	116
Letters and Intimations relating to Abatement of Nuisances ... ..	22	16	33	46	29	20				14	180
Statutory Notices Served ... ..	6	1	5	2	9						22
Proceedings taken before Magistrates ... ..											
(1) Under Public Health Act ... ..	1										
(2) „ Factory & Workshop Act ... ..											
(3) „ Food & Drugs Act ... ..											
Reports made to Medical Officer of Health	42	32	40	56	61	25			39	4	298









THE  
SANITARY CHRONICLES

BOROUGH OF ST. MARYLEBONE

DURING NOVEMBER, 1904,

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. XXIV. 3, UPPER GLOUCESTER PLACE W., NOV. 10TH, 1904. No. 10.

The week ending November 5th was dry and gloomy. Minimum temperature,  $45\cdot0^{\circ}$ ; maximum,  $56\cdot0^{\circ}$ ; mean,  $49\cdot3^{\circ}$ . Winds N.E. and S.W. On one day slight rain fell (0.01 inch). Sunshine in Regent's Park 8.3 % Mean barometer, 30.1 inches.

The week ending November 12th was wet. Minimum temperature  $41\cdot0^{\circ}$ ; maximum,  $58\cdot0^{\circ}$ ; mean,  $50\cdot0^{\circ}$ . On six days rain fell, the total fall being 1.44 inch. Winds S.W., Sunshine 17.6 % of the possible. Mean barometer, 29.8 inches.

The week ending November 19th was cool and foggy. Minimum temperature,  $33\cdot5^{\circ}$ ; maximum,  $55\cdot0^{\circ}$ ; mean,  $49\cdot9^{\circ}$ . On one day slight rain fell (0.03 inch). S.E. and S.W. airs prevailed. The Sunshine registered in Regent's Park was only one-and-a-half hour. Mean barometer, 30.3 inches.

The week ending November 26th was cold and wintry. Minimum temperature,  $28\cdot0^{\circ}$ ; maximum,  $46\cdot1^{\circ}$ ; mean,  $34\cdot6^{\circ}$ . Winds W.N.W. On three days snow and rain fell, the total rainfall equalling 0.19 inch. Sunshine 13 %. Mean barometer, 29.6 inches.

## Births and Deaths.

During the four weeks ending November 26th there have been registered 202 births and 174 deaths. These births and deaths are divided among the five sub-districts as set forth in Table IV. Eighty-six of the deaths were extra-parochial, as follows:—

St. Marylebone Infirmary, Notting Hill .. ..	59
Western Fever Hospital, Fulham .. ..	1
St. Mary's Hospital .. ..	7
Westminster Hospital .. ..	2
University College Hospital .. ..	2
West London Hospital .. ..	1
Brompton Hospital .. ..	2
Children's Hospital, Paddington .. ..	1
Children's Hospital, Great Ormond Street .. ..	1
London Temperance Hospital .. ..	1
Lying-in Hospital, Endell Street .. ..	1
Hanwell Asylum .. ..	1
London County Asylum, Norwood .. ..	2
London County Asylum, Friern Barnet .. ..	2
Friedenheim .. ..	1
In the Serpentine .. ..	1
In the streets .. ..	1
<b>Total</b>	86

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

All Souls, birth-rate 11·8; death-rate 12·3.

Rectory, birth-rate 14·7; death-rate 12·0.

St. Mary, birth-rate 14·4; death-rate 11·5.

Christ Church, birth-rate 21·0; death-rate 16·6.

St. John, birth-rate 14·8; death-rate 13·7.

The whole district, birth-rate 19·8; death-rate 13·6.

The average death-rates for five years (1899 to 1903) for the corresponding period were as follows:—All Souls, 13·0; Rectory, 18·9; St. Mary, 18·5; Christ Church, 20·2; St. John, 16·0; the whole district, 16·9.



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 NOV. 26TH, 1904, FROM CERTAIN CLASSES OF DISEASE AND PROPORTION TO 1,000 DEATHS FROM ALL CAUSES:—

	Total Deaths. — 4 weeks ending Nov. 26th, 1904.	Proportion of the deaths to 1,000 deaths from all causes. 4 weeks ending Nov. 26, 1904.	Rate per 1,000 of the population.	Mean rate per 1,000 population for corresponding period 1898-1903.
1. Deaths from the chief Zymotic Diseases .....	6	34	0.59	1.31
2. Pulmonary, other than Phthisis .....	47	276	4.59	3.70
3. Tubercular .....	26	149	2.54	2.34

## NOTES.

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

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

## The General Health of the District.

Although the death rate as a whole is exceptionally low, yet the gloomy cold weather of November, with the irritating atmosphere inseparable from life in Cities in which coal fires are used, has raised the fatality from respiratory diseases to a figure far in excess of former years. The deaths from bronchitis, pneumonia and similar chest diseases average in a series of Novembers to about 3·7 per thousand of the population but during this last November the rate was 4·6 per thousand.

Consumption was also more fatal than in former Novembers; the average rate is about 2·3. November, 1904 gave 2·5 per thousand.

As some compensation the fatality of the infectious fevers has been low and the cases notified below the average.

### Appeal to the London County Council [Public Health (London) Act Section 41 (3)].

The London County Council has made bye-laws with respect to the construction of water closets and other matters, which bye-laws it is the duty of each local sanitary authority to enforce [Public Health (London) Act Sect. 39 (3)].

Should, however, any person feel himself aggrieved by any notice or act of a sanitary authority . . . . in relation to any water closet . . . . he may appeal to the County Council whose decision shall be final.

The plans of important premises in Berners Street were disapproved by the Public Health Committee because in one of the back areas a water closet in the basement was shown approached from an open space less than five feet across.

The words of the bye-law are, that the water closet must be approached directly "from an area or other open space available for purposes of ventilation measuring at least forty superficial feet in extent, and having a distance across of not less than five feet and not covered in otherwise than by a grating or railing."



The area in question had more than the forty superficial feet but was only four feet across.

The architect appealed against the decision of the Public Health Committee and the appeal was heard before the London County Council Appeal Committee on December 6th.

The appellant contended that since the closet faced the longest way of the area the words "a distance across of not less than five feet" were satisfied, because "across" in this instance meant the distance from the closet to the opposite wall.

On behalf of the Borough Council it was argued that such a reading was inadmissible, that the words meant the least width from wall to wall of any part of the area; that if the appellant was correct then a person looking up the street was looking across the street, and that if the appeal was allowed then if it were possible a person could fix a closet abutting on an area 2 feet wide and 20 feet long, for by these dimensions he would get forty feet superficial, and if the door of the closet opened on to and faced the longest dimension then it would be, according to the ideas of the appellant, more than five feet across.

The Committee of the London County Council unanimously dismissed the appeal.

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TABLE II.—TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, in the Sanitary District of ST. MARYLEBONE, during November, 1904; classified according to DISEASES, AGES, AND LOCALITIES.

(a)		ALL SOULS		RECTORY		ST. MARY		CHRIST CHURCH		ST. JOHN		Totals	
		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
POPULATION AT ALL AGES.	(b) Census 1901 ..	35,391		19,849		18,099		39,536		20,426		133,301	
	(c) Registered Births ...	40		28		25		80		29		202	
(d) Aged under 5 or over 5		Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards	Under 5	5 upwards
NEW CASES OF SICKNESS IN EACH LOCALITY COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	4	6	1	4	1	..	2	4	1	1	9	15
	3. Diphtheria ..	..	3	..	4	5	..	1	..	..	..	6	7
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	1	..	..	..	2	..	..	..	1	..	4
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	4	..	4	..	1	..	3	1	7	1	19
NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITALS.	1. Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..
	2. Scarletina ..	4	6	1	3	1	..	1	3	1	..	8	12
	3. Diphtheria ..	..	3	..	4	4	..	1	..	..	..	5	7
	4. Membranous Croup ..	..	..	..	..	..	..	..	..	..	..	..	..
	5. Typhus ..	..	..	..	..	..	..	..	..	..	..	..	..
	6. Enteric or Typhoid ..	..	..	..	..	..	2	..	..	..	..	..	2
	7. Continued ..	..	..	..	..	..	..	..	..	..	..	..	..
	8. Relapsing ..	..	..	..	..	..	..	..	..	..	..	..	..
	9. Puerperal ..	..	..	..	..	..	..	..	..	..	..	..	..
	10. Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..
	11. Erysipelas ..	..	..	..	1	..	1	..	..	1	1	1	3





TABLE SHOWING THE NUMBER OF CASES OF DIPHTHERIA IN THE DISTRICT OF CANTON, MASS., FROM JANUARY TO DECEMBER, 1900.

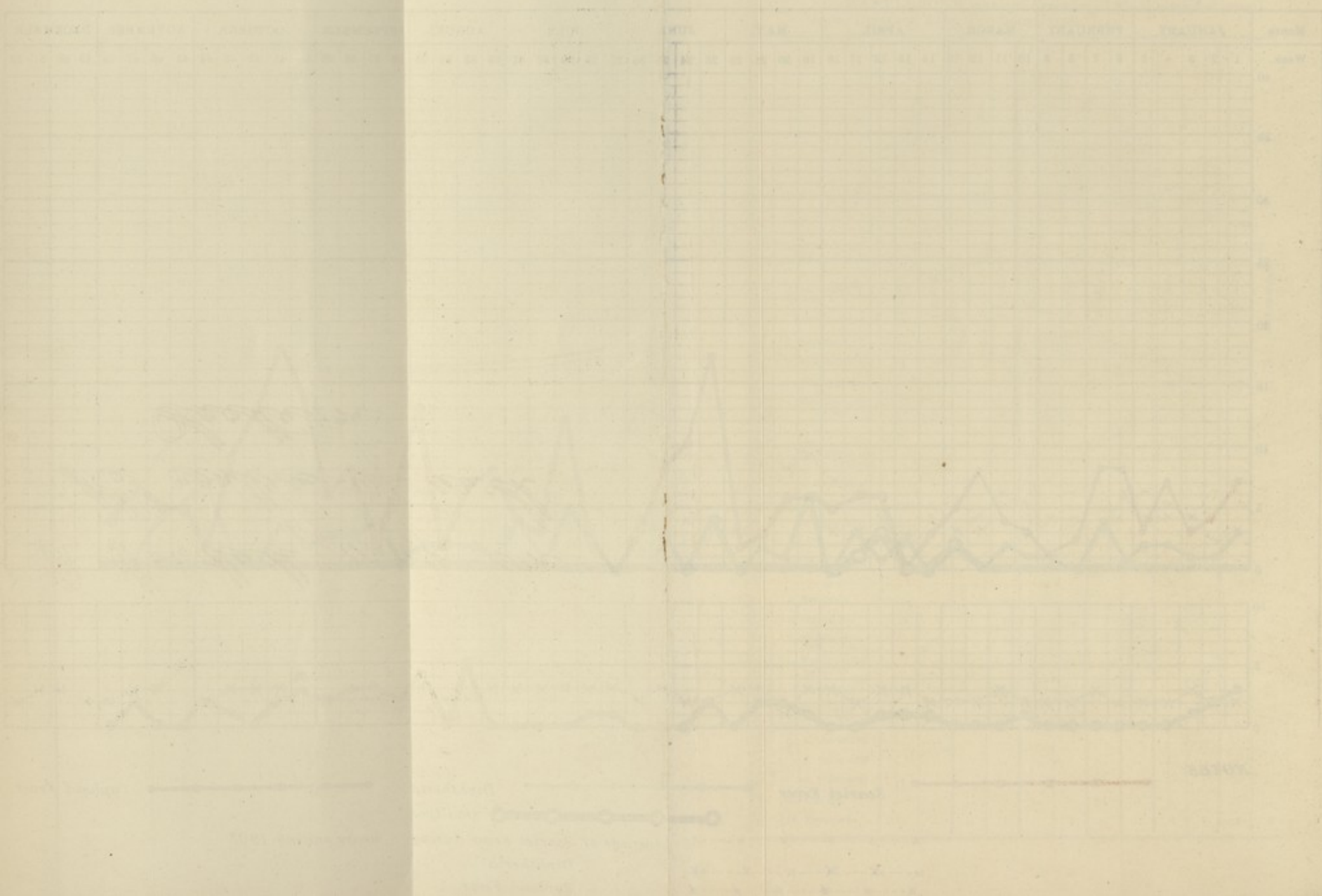




TABLE III.—Giving the Causes of Deaths during November, 1904, at the Middlesex Hospital, Queen Charlotte's Lying-in Hospital, Samaritan Hospital, the Workhouse, the Hospital of St. John and Elizabeth, and the Marylebone Infirmary, Notting Hill, W.

	Middlesex Hospital	Queen Charlotte's Hospital.	Samaritan Hospital.	Workhouse	Notting Hill Infirmary.	Hospital of St. John & Elizabeth Grove Rd.
Smallpox .....	..	..	..	..	..	..
Influenza .....	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..
Typhoid Fever .....	..	..	..	..	..	..
Diarrhœa .....	..	..	..	..	1	..
Erysipelas .....	..	..	..	..	..	..
Pneumonia and Pleurisy	3	..	..	..	3	..
Pyæmia .....	..	..	..	..	..	..
Syphilis .....	..	..	..	..	2	..
Cancer .....	12	..	..	..	5	..
Phthisis & Tuberculosis	2	..	..	..	15	2
Rheumatism .....	..	..	..	..	..	..
Apoplexy .....	..	..	..	..	2	..
Paralysis .....	..	..	..	..	8	..
Bronchitis .....	1	..	..	1	15	..
Asthma... ..	..	..	..	..	..	..
Peritonitis .....	..	..	..	..	..	..
Disease of Brain .....	..	..	..	..	..	..
"  Heart .....	2	..	..	..	2	..
"  Kidney .....	..	..	..	..	..	..
"  Liver .....	..	..	..	..	1	..
"  Uterus .....	..	..	..	..	..	..
"  Ovary .....	..	..	..	..	..	..
Parturition .....	..	..	..	..	..	..
Diabetes .....	..	..	..	..	..	..
Fractures and Injuries ..	1	..	..	..	2	..
Old Age .....	..	..	..	..	2	..
Low Vitality, Infants ..	..	..	..	..	..	..
Premature Birth .....	..	1	..	..	..	..
Other causes .....	10	2	..	..	1	2
Total .....	*31	†3	..	1	59	**4

\* Of the 31 deaths in the Middlesex Hospital, 22 were those of non-parishioners.

† The 3 deaths in Queen Charlotte's Hospital were those of non-parishioners.

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

TABLE IV. — DISTRICT BIRTHS AND DEATHS FOR THE  
FOUR WEEKS ENDING NOVEMBER 26TH, 1904.

	Population in 1891.	Births.		Deaths.	
		Males.	Fmls	Males.	Fmls.
All Souls .....	35,391	24	16	16	25
Rectory .....	19,849	17	11	17	6
St. Mary.....	18,099	12	13	11	9
Christ Church .....	39,536	40	40	37	26
St. John.....	20,426	15	14	14	13
Total .....	133,301	108	94	95	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 V.—Causes of, and Ages at, Death during the four weeks ending November 26th, 1904, in the Borough of St. Marylebone.

CAUSES OF DEATH.	Deaths in whole District at subjoined Ages.							Deaths in Localities (at all Ages)					Deaths in Public Institutions.	
	All Ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	All Souls.	Rectory.	St. Mary.	Christ Church.	St. John.		
Smallpox .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Mem- branous Croup	1	1	...	...	...	...	...	...	1	...	...	...	...	1
Croup .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever {	Typhus .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteric .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other continued ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ..	1	..	...	...	...	1	..	...	...	1	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa ... ..	3	1	...	...	...	...	2	...	2	1	...	...	...	1
Enteritis ... ..	1	1	...	...	...	...	...	...	...	...	1	...	...	...
Puerperal fever ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas .. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases...	3	...	...	...	...	3	...	1	..	1	1	...	...	3
Phthisis ... ..	22	...	1	1	...	19	1	2	5	...	11	4	...	19
Other Tubercular Diseases	4	1	2	1	...	...	...	1	1	1	1	...	...	2
Cancer, Malignant Disease	12	...	...	...	1	7	4	2	2	2	3	3	...	15
Bronchitis ... ..	34	8	1	...	1	6	18	6	4	3	19	2	...	20
Pneumonia ... ..	12	5	1	...	...	3	3	3	2	...	5	2	...	5
Pleurisy ... ..	1	...	...	...	...	...	1	...	...	...	...	1	...	...
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism	...	3	...	...	...	3	...	1	...	...	2	...	...	2
Cirrhosis of Liver }	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Venereal Diseases	3	2	1	...	...	...	...	...	...	1	1	1	...	2
Premature Birth ..	7	7	...	...	...	...	...	1	...	2	4	...	...	2
Diseases and Accidents of Parturition	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases ... ..	15	...	1	2	1	5	6	4	3	1	5	2	...	5
Accidents... ..	6	2	3	...	...	...	1	2	...	...	1	3	...	5
Suicides ... ..	3	...	...	...	...	2	1	...	...	2	1	...	...	3
All other causes ..	43	7	...	1	1	17	17	18	3	5	8	9	...	31
All causes ... ..	174	35	10	5	4	66	54	41	23	20	63	27	...	116

28 of these were Non-Parishioners.

## REGISTER OF SANITARY WORK

MONTH ENDING 30TH NOVEMBER, 1904.

## PUBLIC HEALTH DEPARTMENT.

		District Inspectors.									Total
		Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniol, No. 4 District.	Mr. W. Yeo, No. 5 District.	Mr. E. Lumley, Dust Inspector.		Mr. R. Phillips, Special Duties.	Miss F. A. Baker.	
<b>Public Health (London) Act.</b>											
Inspections.	Dwelling Houses, &c. ... ..	30	36	25	30	28	...	...	...	...	149
	Tenements ... ..	48	...	52	25	39	...	...	...	...	164
	Underground Dwellings ... ..	18	...	20	4	16	...	...	...	...	58
	Dairies, Milk Shops, Cow Houses	8	3	5	6	12	...	...	...	...	34
	Slaughter Houses ... ..	2	3	...	...	2	...	...	...	...	7
	Yards, Stables, and Mews ... ..	32	19	25	40	36	...	...	...	...	152
	Smoke Shafts ... ..	...	...	...	...	3	...	...	39	2	44
	Offensive Trades and Effluvia Businesses ... ..	...	...	...	...	...	...	...	...	...	...
	Refuse Receptacles ... ..	10	6	5	9	11	30	...	...	...	71
	Enquiries re non-removal of refuse	4	3	6	6	11	155	...	...	...	185
	Removal of Bodies to Mortuary ...	...	...	...	...	...	...	...	...	...	...
Visits to Works in progress ... ..	168	363	150	270	171	...	...	...	21	1143	
Miscellaneous Inspections ... ..	84	46	75	120	86	25	...	...	88	524	
<b>UNWHOLESOME FOOD.</b>											
Number of seizures made ... ..		...	...	...	...	...	...	...	...	...	...
<b>INFECTIOUS DISEASE:—</b>											
Cases Isolated... ..		1	1	2	2	3	...	...	...	...	9
Cases Removed to Hospital ... ..		2	1	11	10	13	...	...	...	...	37
Rooms Disinfected ... ..		6	2	11	18	26	...	...	...	...	63
<b>NEW DRAINAGE:—</b>											
Number of Plans Passed ... ..		...	...	...	9	7	...	...	...	...	16
New Pipe Drains (feet) ... ..		1230	1570	930	870	1286	...	...	...	...	5916
Houses where defects in existing Drainage have been detected and remedied .. ..		5	8	6	5	10	...	...	...	...	34



REGISTER OF SANITARY WORK  
MONTH ENDING 30TH NOVEMBER, 1904.

PUBLIC HEALTH DEPARTMENT.

	District Inspectors.										Miss F. A. Baker.	Total.
	Mr. J. Hodges, No. 1 District.	Mr. A. Perry, No. 2 District.	Mr. D. J. Andrews, No. 3 District.	Mr. T. Gorniot, No. 4 District.	Mr. W. Yeo, No. 5 District.	Mr. E. Lumley, Dust Inspector.						
<b>Factory and Workshop Act.</b>												
Enquiries as to Occupation ... ..	...	...	...	...	...	...	...	...	...	18	14	32
Periodical Inspections :—												
Factories ... ..	...	...	...	...	...	...	...	...	...	3	1	4
Workshops ... ..	...	...	...	...	...	...	...	...	...	75	77	152
Bakehouses ... ..	...	...	...	...	...	...	...	...	...	69	...	69
Restaurants, &c. ... ..	...	...	...	...	...	...	...	...	...	30	...	30
Homeworkers' Premises ... ..	...	...	...	...	...	...	...	...	...	12	68	80
Domestic Workshops... ..	...	...	...	...	...	...	...	...	...	3	1	4
<b>Food and Drugs Act.</b>												
<b>ADULTERATION.</b>												
Samples collected for Analysis ..	30	18	21	18	18	...	...	...	...	...	...	105
<b>Correspondence, Legal Procedure, &amp;c.</b>												
Complaints received ... ..	16	10	10	14	12	28	...	...	...	1	10	101
Letters and Intimations relating to Abatement of Nuisances ... ..	35	23	31	35	27	20	...	...	...	...	20	191
Statutory Notices Served ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Proceedings taken before Magistrates ...	...	...	...	...	...	...	...	...	...	...	...	...
(1) Under Public Health Act ...	2	...	...	...	...	...	...	...	...	...	...	2
(2) „ Factory & Workshop Act ...	...	...	...	...	...	...	...	...	...	...	...	...
(3) „ Food & Drugs Act ...	2	...	...	2	...	...	...	...	...	...	...	4
Reports made to Medical Officer of Health	38	36	35	60	56	15	...	...	...	39	8	287





