

[Report of the Medical Officer of Health for Stoke Newington].

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... THE ...

Metropolitan Borough of Stoke Newington

Report

OF THE

Medical Officer of Health
and Public Analyst,

FOR THE

YEAR 1917.

BY

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THE
Metropolitan Board of Health

Report

Medical Officer of Health
and Public Analyst

1881

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REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1917.

*To the Mayor, Aldermen, and Councillors of the Metropolitan
Borough of Stoke Newington.*

GENTLEMEN,—

The vital statistics of the Borough for the year 1917 are less satisfactory than those for 1916. The general death-rate of 14·1 is a low one, but there were 9 of the 28 Metropolitan Boroughs with rates lower than this. The death-rate from the chief infectious diseases was also low; and the rate of infant mortality (the number of deaths under one year of age to every thousand births) was 85·6, as compared with 103 for London generally. An epidemic of measles and whooping-cough and a much increased number of deaths among those of 70 years and upwards, were mainly responsible for the less favourable vital statistics of the Borough for 1917 as compared with the preceding year.

In accordance with a suggestion from the Local Government Board, the report has been made as short as possible. It is little more than a bare statistical record of the mortality and sickness within the Borough during the year 1917.

It will be seen that, in all the circumstances, a satisfactory amount of public health work has been performed during the past year. I have pleasure in testifying to the efficiency and zeal of the workers in my department.

I am, Gentlemen,

Your obedient Servant,

HENRY KENWOOD.

April, 1918.

POPULATION.

In this Report the rates are based on an estimated civil population of 49,776.

The estimated population for each of the Sub-districts is as follows :—

The Northern Division of the Borough (lying North of the middle line of Church Street) has a population of about 16,755 ; and in the Southern Division the population is approximately 33,021.

The natural increase of population by excess of births over deaths during the year amounted to only 71, as against 377 in the preceding year.

BIRTHS.

During the year 1917 there were only 771 births, viz. :—410 males and 361 females. The birth-rate per 1,000 per annum was therefore 15·5, as against 20·1 for the preceding year.

Year.	Birth-rate	Rate for London generally.	Rate for England and Wales.
1912	20·4	24·7	23·8
1913	22·0	24·5	23·9
1914	20·4	24·6	23·6
1915	18·4	22·6	21·8
1916	20·1	22·2	21·6
1917	15·5	17·5	17·8

The illegitimate births numbered 26 ; 11 males and 15 females.

During the year the births notified under the Notification of Births Act have been compared with the births registered by the Registrar of Births, and the respective figures are 620 and 771.

MORTALITY.

General Mortality.—There were 440 deaths of residents registered in the Borough, and 260 of residents who died in Public Institutions outside of the Borough, making a total of 700 deaths.

Of these 365 were of females, and 335 were of males.

Year.	General Death-rate.	Rate for London generally.	Rate for England and Wales.
1912	11·6	13·6	13·3
1913	13·1	14·2	13·7
1914	12·3	14·4	13·6
1915	14·6	16·1	15·1
1916	12·6	14·3	14·0
1917	14·1	15·0	14·4

The recorded general death-rate is therefore 14·1, as against 12·6 for the preceding year.

The so-called "factor for correction" for the Borough of Stoke Newington is 0·9512, and the *death-rate corrected for age and sex distribution* is $14·1 \times 0·9512 = 13·4$ per 1,000 per annum.

The recorded rate is above that for the preceding year, when it was 12·6. This increase is almost entirely due to more deaths from Measles, Cancer, and Senility. The death-rate for the whole of London was 15·0.

District Mortality.—The deaths among residents of the Northern Division of the Borough numbered 212, and furnished a recorded death-rate of 12·6 per 1,000 per annum.

The deaths among the residents of the Southern Division of the Borough numbered 488, and furnished a recorded death-rate of 14·8 per 1,000 per annum.

TABLE I.
CAUSES OF AND AGES AT DEATH DURING THE YEAR 1917.

Causes of Death.	Net Deaths at the subjoined ages of "Residents" whether occurring within or without the Borough.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the Borough.
	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.	
Cerebro-spinal Meningitis	4	2	1	—	—	1	—	—	—	—
Enteric Fever ...	—	—	—	—	—	—	—	—	—	—
Acute Polio-myelitis ...	1	—	—	—	—	—	—	1	—	—
Measles ...	18	3	9	4	2	—	—	—	—	—
Scarlet Fever ...	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	6	5	1	—	—	—	—	—	—	—
Diphtheria and Croup ...	10	1	1	4	4	—	—	—	—	—
Influenza ...	8	—	—	1	—	—	1	2	4	2
Erysipelas ...	—	—	—	—	—	—	—	—	—	—
Phthisis (Pulmonary Tuberculosis) ...	53	—	—	—	5	6	23	15	4	—
Tuberculous Meningitis	9	1	2	3	2	1	—	—	—	—
Other Tuberculous Diseases ...	8	2	1	1	2	—	2	—	—	—
Cancer (Malignant Disease) ...	87	—	—	—	—	1	8	39	39	6
Rheumatic Fever ...	2	—	—	—	2	—	—	—	—	—
Meningitis ...	5	2	—	2	—	—	—	—	1	—
Organic Heart Disease	70	1	—	—	—	1	6	20	42	5
Bronchitis ...	61	4	—	—	—	—	2	13	42	10
Pneumonia (all forms) ...	31	4	7	1	1	—	2	9	7	—
Other Diseases of Respiratory Organs ...	—	—	—	—	—	—	—	—	—	—
Diarrhoea and Enteritis	11	7	2	—	—	—	1	—	1	—
Appendicitis and Typhlitis ...	3	—	—	—	—	—	1	1	1	—
Cirrhosis of Liver ...	3	—	—	—	—	—	—	3	—	—
Alcoholism ...	4	—	—	—	—	—	—	3	1	—
Nephritis and Bright's Disease ...	22	—	—	—	1	—	4	6	11	1
Puerperal Fever ...	2	—	—	—	—	1	1	—	—	—
Other Accidents and Diseases of Pregnancy and Parturition ...	3	—	—	—	—	—	3	—	—	—
Congenital Debility and Malformation (including Premature Birth) ...	26	24	1	1	—	—	—	—	—	—
Violent Deaths (excluding Suicide) ...	15	—	—	1	2	1	1	2	8	—
Suicide ...	2	—	—	—	—	—	—	2	—	1
Other Defined Diseases	164	5	—	—	2	—	7	19	131	11
Diseases ill-defined or unknown ...	72	5	1	—	3	3	7	31	22	1
TOTALS ...	700	66	26	18	26	15	69	166	314	37

THE CAUSES OF DEATH. — These are fully set forth in Table I., in which it will be noted that the deaths are also apportioned to different age periods.

Comparing this table with the corresponding table of the preceding year, the following facts are noteworthy: An increase in the deaths from Measles, Cancer, and Ill-defined Diseases (including Senility); and a decrease of those from Consumption.

INFANTILE MORTALITY.

There were 66 deaths registered of infants under one year of age, as against 771 births; the proportion which the deaths under one year of age bear to 1,000 births is, therefore, 85·6, as against 59·8 in the preceding year.

The deaths under one year of age form 9·4 per cent. of the total deaths at all ages, whereas those for the preceding year formed 9·6 per cent.

Year.	Rate of Infantile Mortality.	Rate for London generally.	Rate for England and Wales.
1912	70·7	90	95
1913	82·7	105	109
1914	78·7	104	105
1915	99·8	112	110
1916	59·8	89	91
1917	85·6	103	97

TABLE II.—INFANT MORTALITY.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER ONE YEAR OF AGE, 1917.

CAUSE OF DEATH.	Under 1 week.	1 to 2 weeks.	2 to 3 weeks.	3 to 4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total deaths under 1 year.
Cerebro - spinal Meningitis	—	—	—	—	—	—	1	—	1	2
Chicken Pox	—	—	—	—	—	—	—	—	3	3
Measles	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	1	1	3	5
Whooping Cough	—	—	—	—	—	—	—	—	1	1
Diphtheria and Croup	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	1	—	1
Tuberculous Meningitis	—	—	—	—	—	1	—	1	—	2
Abdominal Tuberculosis	—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases	—	—	—	—	—	—	—	—	—	—
Meningitis (not Tuberculous)	—	—	—	—	—	—	1	1	—	2
Convulsions	—	1	—	—	1	—	—	—	—	1
Laryngitis	—	—	—	—	—	2	1	1	—	4
Bronchitis	—	—	—	—	—	—	2	1	1	4
Pneumonia (all forms)	—	—	—	—	—	1	—	—	1	2
Diarrhoea	—	—	—	—	—	—	2	2	1	5
Enteritis... ..	—	—	—	—	—	—	—	—	—	—
Gastritis	—	—	—	—	—	—	—	—	—	—
Syphilis	—	—	—	—	—	—	—	—	—	—
Rickets	—	—	—	—	—	—	—	—	—	—
Suffocation, overlying	—	—	—	—	—	1	—	—	—	1
Injury at Birth	—	—	—	—	—	—	—	—	—	—
Atelectasis	—	—	—	—	—	—	—	—	—	—
Congenital Malformation	1	—	—	—	1	1	—	—	—	2
Premature Birth	16	—	—	—	16	1	—	—	—	17
Atrophy, Debility, and Marasmus	3	1	1	1	6	2	1	—	—	9
Other causes	—	1	1	1	3	2	—	—	—	5
TOTALS	20	3	2	2	27	11	9	8	11	66

A comparison of the causes of Infantile Mortality in 1917 with those of the preceding year shows an increase during last year in the deaths from Measles, Whooping-cough and Premature Birth ; and a decrease in those from Wasting and Debility.

THE INFANT CARE WORK.

Miss Reeve reports as follows :—

" During the year 659 infants were visited in their homes. These visits were followed by 1,987 re-visits, making a total of 2,646.

" The Milk Fund has been of great service throughout the year ; without it we should have had a larger number of babies hand fed, and much of the advice given to the mothers would have been useless. Seventy mothers were helped out of this fund during the year. These were nearly all soldiers' and sailors' wives.

WORK AT THE CHILD WELFARE CENTRE.

" During the year 352 children were brought to be weighed and for advice, and their total visits numbered 1,664. This branch of the work is still growing ; on some of the Thursday afternoons last year over 40 children attended. We are much indebted to Miss Sandeman, who gave her help on these afternoons throughout the year.

" The number of attendances at the Mothers' Sewing Class was 500. This class is held on Tuesday afternoons, and during the year 383 garments were made.

" Miss Baxter's help at this Sewing Class has been most valuable. She has superintended all the cutting out, and has entirely made many garments for mothers and children who have been unable—generally through illness—to attend.

" We are also indebted to Mrs. Price and Miss Bray, who arrange to give the mothers tea on these afternoons."

SENILE MORTALITY.—Of the 700 deaths, 248 were of persons over 70 years of age. The proportion of deaths occurring among those of over 70 years of age to the total deaths is, therefore, 35·4 per cent. There were 98 deaths of persons over 80 years of age, and 10 of persons over 90—the oldest being 99.

This is a remarkably high proportion of deaths over 70 years of age, which indicates that there is a relatively large number of old persons in the Borough, who contribute largely to our death-rate.

SENILE MORTALITY DURING 1917.

70 to 80	80 to 90	90 and over	Total
150	88	10	248

ZYMOTIC MORTALITY.

Included in the Zymotic death-rate are the deaths from the seven principal Zymotic Diseases, viz.: Small-pox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, "Fever" (including Enteric Fever, Typhus Fever, and Simple Continued Fever), and Diarrhoea.

The Zymotic Death-rate for the Borough was 0·90 per 1,000 per annum, as against 0·42 in the preceding year. The rate for London generally was 1·1. In 7 Metropolitan Boroughs this rate was lower than in Stoke Newington.

CONSUMPTION.

The death-rate for Consumption (Pulmonary Tuberculosis) in the Borough for 1917 was 1·0 per 1,000, as against 1·1 for London generally.

TABLE III.

The chief vital statistics of the Borough of Stoke Newington since its formation.

Year.	Population estimated to middle of year.	Birth-rate	Rate of Infantile Mortality.	General Death-rate	Zymotic Death-rate	Infectious Sickness rate. (<i>Vide</i> p. 234)
1901	51,328	21·6	117·9	13·1	1·26	7·9
1902	51,188	22·0	114·7	13·3	1·56	7·8
1903	51,130	21·5	120·3	12·6	1·70	3·8
1904	51,072	22·3	115·6	13·4	1·62	5·7
1905	51,015	20·9	124·7	13·0	1·35	5·8
1906	50,957	21·2	108·0	12·0	1·39	5·1
1907	50,899	20·5	97·9	11·8	1·33	7·8
1908	50,841	20·2	98·3	12·9	1·18	5·8
1909	50,784	19·5	84·9	11·7	0·87	3·5
1910	50,726	18·8	66·1	11·8	0·93	3·6
1911	50,669	20·7	106·2	12·5	1·69	4·4
1912	50,591	20·4	70·7	11·6	0·34	3·7
1913	50,514	22·0	82·7	13·1	0·85	4·6
1914	50,454	20·4	78·7	12·3	0·55	8·3
1915	50,527	18·4	99·8	14·6	1·21	7·0
1916	49,776	20·1	59·8	12·6	0·42	4·4
1917	49,776	15·5	85·6	14·1	0·90	3·6

THE MORTUARY.

During the year 53 bodies were deposited in the Public Mortuary; 31 of these were females and 22 were males. Post-mortem examinations were performed upon 37 of these cases, and inquests were held upon 51.

INQUESTS.

57 Inquests were held upon Deaths of Parishioners during the year 1917.

INFECTIOUS DISEASES AND THE MEASURES TAKEN TO PREVENT THEIR SPREAD.

It will be seen from Table IV. that 1,224 *Notification Certificates of Infectious Illness* were received from medical practitioners. These figures include for the first time the notifications of cases of Measles. If we exclude these latter the Notifications of Infectious Diseases compare favourably with those during the preceding year (306 as compared with 347).

In all infected homes the disinfection was performed by the Sanitary Authority. A visit was paid to every house, and it was ascertained that cases of infectious illness occurred in 4 houses where there were "grave" insanitary conditions. In 18 houses less serious insanitary conditions were found.

The Infectious Sickness Rate of the Borough, excluding the notifications from Consumption, Cerebro-Spinal Meningitis, Acute Polio-Myelitis, Ophthalmia and Measles, so as to make the rate comparable with that of former years, was 3·6 to each 1,000 of the population, as against 4·4 for the preceding year. The rate in the Northern Division was 2·7; while that in the Southern Division was 4·0.

Year.	Infectious Sickness Rate.	Rate for London generally.
1912	3·7	5·2
1913	4·6	6·7
1914	8·3	8·9
1915	7·0	8·3
1916	4·4	5·1
1917	3·6	4·2

TABLE IV.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1917.

NOTIFIABLE DISEASE,	Number of Cases Notified.								Total Cases Notified in each Locality—(e.g., Parish or Ward) of the District.		Total Cases removed to Hospital.
	At all Ages.	At Ages—Years							1 North Division	2 South Division	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and up-wards			
Small Pox	—	—	—	—	—	—	—	—	—	—	—
Cholera	—	—	—	—	—	—	—	—	—	—	—
Plague	—	—	—	—	—	—	—	—	—	—	—
Diphtheria, including Membranous Croup ...	110	2	30	61	9	7	1	—	27	83	96
Erysipelas	24	—	—	2	1	11	5	5	9	15	—
Scarlet Fever	38	1	9	22	5	1	—	—	6	32	36
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	4	—	—	1	—	1	2	—	2	2	3
Relapsing Fever	—	—	—	—	—	—	—	—	—	—	—
Continued Fever	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	2	—	—	—	—	2	—	—	1	1	2
Cerebro-spinal Meningitis	4	2	1	—	1	—	—	—	1	3	4
Poliomyelitis	2	—	1	—	—	—	1	—	1	1	1
Ophthalmia Neonatorum	5	5	—	—	—	—	—	—	1	4	—
Pulmonary Tuberculosis	101	—	—	5	20	58	16	2	27	74	47
Other forms of Tuberculosis	16	1	2	5	2	6	—	—	3	13	4
Measles	918	20	301	492	60	40	5	—	—	—	38
TOTALS	1224	31	344	588	98	126	30	7	—	—	231

The Infectious Sickness Rate for London generally was 4·2.

Two hundred and thirty-one of the cases notified were removed from their homes to Isolation Hospitals.

SCARLET FEVER.

The 38 cases of Scarlet Fever occurred in 29 houses.

Year.	Death Rate for Stoke Newington.	Rate for London generally.	Rate for England and Wales.
1912	0·02	0·04	0·05
1913	0·02	0·04	0·06
1914	0·06	0·07	0·08
1915	0·14	0·07	0·06
1916	0·08	0·03	0·04
1917	0·00	0·02	0·02

ENTERIC OR TYPHOID FEVER.

The 4 cases notified during the year all occurred in different houses.

Year.	Death-Rate for Stoke Newington.	Rate for London generally.	Rate for England and Wales.
1912	0·00	0·03	0·04
1913	0·04	0·02	0·04
1914	0·00	0·03	0·05
1915	0·04	0·03	0·04
1916	0·00	0·02	0·03
1917	0·00	0·02	0·03

DIPHTHERIA.

The 110 cases of Diphtheria occurred in 82 houses.

Year.	Death-Rate for Stoke Newington.	Rate for London generally.	Rate for England and Wales.
1912	0·00	0·10	0·11
1913	0·12	0·09	0·12
1914	0·06	0·16	0·15
1915	0·20	0·16	0·15
1916	0·12	0·14	0·14
1917	0·20	0·14	0·13

Many applications have been made at the offices for tubes of "antitoxin," which I store for the convenience of local practitioners.

The "diagnosis outfits" supplied by the Council to the medical practitioners in Stoke Newington are of great service.

The following is a statement of the applications received during 1917, together with the results of the *examinations performed at the Lister Institute of Preventive Medicine, London* :—

Disease.	Results.		TOTAL.
	Positive.	Negative.	
Phthisis	20	78	98
Diphtheria	53	60	113
Enteric	6	2	8
Cerebro-Spinal Meningitis	Nil	Nil	Nil
Total	79	140	219

MEASLES AND WHOOPING COUGH.

MEASLES.

Year.	Death-Rate for Stoke Newington.	Rate for London generally.	Rate for England and Wales.
1912	0·12	0·40	0·35
1913	0·22	0·34	0·48
1914	0·02	0·31	0·24
1915	0·47	0·50	0·43
1916	0·02	0·19	0·15
1917	0·36	0·48	0·30

WHOOPING COUGH.

Year.	Death-Rate for Stoke Newington.	Rate for London generally.	Rate for England and Wales.
1912	0·04	0·22	0·23
1913	0·12	0·17	0·14
1914	0·12	0·20	0·21
1915	0·14	0·25	0·21
1916	0·02	0·18	0·16
1917	0·12	0·13	0·13

MEASLES.

As compared with the preceding year, there was a greatly increased prevalence of Measles. Nurse Ager paid 903 visits for advice and assistance.

ZYMOTIC DIARRHŒA.

Calculated from deaths occurring under 2 years of age
per 1,000 births.

Stoke Newington	...	...	...	...	11·67
London generally	...	...	...	...	18·70
England and Wales	...	...	...	...	12·18

PUERPERAL FEVER.

Under Puerperal Fever are included deaths from Pyæmia and Septicæmia occurring in lying-in women. Two cases were notified during the year ; and there were 2 deaths from this disease.

PHTHISIS (CONSUMPTION) AND OTHER FORMS OF TUBERCULOSIS.

One hundred and one cases of consumption were notified under the Public Health (Tuberculosis) Regulations, 1912.

Sixty-four of the notified cases were insured under the Insurance Act.

Nurse A. Ager, who is appointed to give part-time services in connection with the Tuberculosis work within the Borough, has, acting under the instruction of the Medical Officer of the Tuberculosis Dispensary, and myself, dealt with 83 different cases, making in all 366 visits during 1917.

The value of our present measures against Tuberculosis is seriously discounted by the failure to make the scheme sufficiently comprehensive.

The persons who disseminate large quantities of the germs of Consumption during coughing and expectoration, while living in intimate contact with their families, are the most serious element of danger in the spread of the disease ; for the close association of Tuberculosis with bad housing is admitted by all. Therefore, the preventive measures of first importance are (1) better housing ; (2) effective measures to render the spread of infection impossible when once the infective person has been discovered.

For advanced (non-sanatorium) cases, homes should be provided which are local, inexpensive, and conducted on hospital lines ; and these should be under the care of the Dispensary Medical Officer.

THE WORK OF THE TUBERCULOSIS DISPENSARY IN 1917 IN REFERENCE TO STOKE NEWINGTON.

The following tables show the work done in connection with the Dispensary, so far as Stoke Newington is concerned, during the year 1917. The figures in all the particulars recorded show a material increase over those of the preceding year. (*Vide* my annual report for 1916.)

METROPOLITAN BOROUGH OF STOKE NEWINGTON.

Year ending December 31st, 1917.

RETURN SHOWING THE RESULT OF THE EXAMINATION OF PERSONS FOR THE PURPOSE OF DIAGNOSIS.

	Number of persons found to be suffering from		Number of Persons found to be Non-Tuber-culous.	Number in whom the diagnosis was doubtful.	TOTAL.	
	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis				
Persons who before examination at the Dispensary were—	T.B. have been found	T.B. have never been found				
Diagnosed to be tuberculous ...	18	27	8	3	8	64
Suspected cases and others not diag-nosed to be tuber-culous ...	2	9	1	22	11	45
Contacts of persons diagnosed to be tuberculous ...	1	2	1	17	13	36
TOTALS ...	21	38	10	42	34	145

Number of doubtful cases remaining on books on December 31st, 1916	19
Number of doubtful cases which have oc- curred during 1917	34
Total	53

Number of above found to be suffering from Tuberculosis	6
Number of above found to be non-Tuber- culous	1
Total	7

Number of doubtful cases remaining on books on December 31st,
1917 — 46.

METROPOLITAN BOROUGH OF STOKE NEWINGTON.

Year ending December 31st, 1917.

CLASSIFICATION AND DETAILED STATISTICS OF ATTENDANCES, Etc.

	Insured Persons Male	Insured Persons Female	Uninsured Persons Male	Uninsured Persons Female	Contacts.				TOTAL.
					M		F		
					I.	U.	I.	U	
Attendances of new patients	57	8	21	20	2	10	1	19	138
Attendances of old patients	190	61	124	178	0	28	0	38	619
Consultations with doctors	5	0	0	7	0	1	0	3	16
					(second consultations).				
Specimens of sputum ex- amined ...	24	2	5	1	0	0	1	0	33

(second consultations).

ACUTE POLIO-MYELITIS AND CEREBRO-SPINAL FEVER.

Cerebro-spinal Fever is by far the more fatal of the two. Four cases were notified in the Borough during 1917; and 2 cases of Polio-myelitis. There were 4 deaths from the former and 1 from the latter.

THE DISINFECTING AND CLEANSING STATION.

During the year ending December 31st, 1917, the following disinfecting and cleansing work was performed at the station:—

Total number of textile articles disinfected	...	12,201
Total number of books from Public Library disinfected		53
Total number of verminous persons cleansed	...	255

All the verminous persons cleansed were children of school age, with the exception of 4 adults.

In addition to the disinfection of rooms on account of the notified infectious diseases, 70 were fumigated on account of vermin, 24 on account of Consumption, 6 on account of Cancer, and 31 on account of Measles.

During the year the Borough Council continued its agreement with the Education Department of the London County Council to bathe and cleanse verminous school children.

NOTES UPON SANITARY WORK PERFORMED DURING THE YEAR 1917.

It will be seen from the accompanying Report of the Chief Sanitary Inspector that a large amount of sanitary work has been performed during the year; 2,372 premises were inspected for conditions injurious or dangerous to health, and insanitary conditions varying in their nature from slight to grave were discovered

to the number of 634 ; 293 Intimation Notices, followed in 5 cases by Statutory Notices, were complied with. 3,084 re-inspections were made, making a total for the year of 5,456 inspections.

The *slaughter-houses* (3), *bake-houses* (26), *cowshed* (1), and *dairies* (65), the *common lodging-house* (1) and the *registered houses let in lodgings* (259), situated in the Borough, were all inspected during the year.

FOOD INSPECTION.

During the year many systematic efforts were made to detect the sale of diseased meat within the Borough, and I am glad to say that, with few exceptions, our inspections have not called for any seizures. 1 ton and 7 cwts. of unsound food was voluntarily surrendered during the year.

HOUSES LET IN LODGINGS.

By the end of the year 1917, 259 such premises were on the Register.

THE HOUSING AND TOWN PLANNING ACT, 1909.

During 1917 no action was taken under this Act.

FACTORIES AND WORKSHOPS.

At the end of the year 1917, 301 factories, workshops and workplaces were on the Register.

As the result of the inspection of the *workrooms and workplaces* in the Borough, it was found that for the most part they were in a satisfactory condition, and that the requirements of the Factory and Workshops Act of 1901 were duly observed. There are altogether about 800 domestic workrooms in the Borough in which textile material of various kinds is being dealt with.

A complete list of all *out-workers* has been kept in the office.

1—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors
of Nuisances.

Premises. 1	Number of		
	Inspections 2	Written Notices. 3	Prosecutions 4
Factories (including Factory Laundries)	57	—	—
Workshops (including Workshop Laundries)	229	23	—
Workplaces (Other than Outworkers' premises included in Part 3 of this Report)	15	—	—
TOTAL	301	23	Nil.

2—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

PARTICULARS. 1	Number of Defects.			Number of Prosecutions. 5
	Found. 2	Remedied. 3	Referred to H.M. Inspector. 4	
<i>*Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness	6	6	—	—
Want of Ventilation	—	—	—	—
Overcrowding	1	1	—	—
Want of Drainage of Floors	1	1	—	—
Other nuisances	2	2	—	—
Sanitary accommodation { insufficient	—	—	—	—
{ unsuitable or defective	22	22	—	—
{ not separate for sexes	—	—	—	—
<i>Offences under the Factory and Workshops Act :—</i>	Nil			
TOTAL	32	32	Nil	Nil

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

3—HOME WORK.

NATURE OF WORK.	OUTWORKERS' LISTS, SECTION 107.			
	Lists received from Employers.			Notices served on Occupiers as to keeping or sending lists.
	Sending twice in the year.			
	Lists.	Outworkers.		
		Contractors.	Workmen.	
(1)	(2)	(3)	(4)	(5)
Wearing Apparel—				
(1) Making, &c.	28		253	28
(2) Cleaning and Washing ...				
Household Linen				

4—REGISTERED WORKROOMS.

Workshops on the Register (s. 131) at the end of the year.						Number.
(1)						(2)
Important classes of workshops, such as workshop bakehouses, may be enumerated here.	Miscellaneous	...	...	...	...	229
	Bakehouses	...	...	...	...	24
	Total number of workshops on Register					253

5—OTHER MATTERS.

Class.	Number.
(1)	(2)
Matters notified to H.M. Inspector of Factories—	
Failure to affix Abstract of the Factory and Workshop Act (s.133)	1
Underground Bakehouses (s. 101)—	
Certificates granted during the year	Nil
In use at the end of the year	18

During the year the homes of all outworkers have been inspected.

TABLE V.

ANALYSES PERFORMED UNDER THE SALE OF FOOD AND
DRUGS ACTS DURING THE YEAR 1917.

Article submitted for Analysis (156)	No. of Genuine Samples (147)	No. of Adul- terated Samples (9)	Remarks as to Adulteration.
Baking Powder ...	2	—	Mixture of about 10% of Margarine. Vendor cautioned.
Bread ...	1	—	
Butter ...	13	1	
Castor Sugar ...	1	—	
Cheese ...	2	—	Not sold as "Preserved" Vendor cautioned, as small amount (0.173%) of boric acid present.
Coffee ...	4	—	
Cocoa ...	2	—	
Cream ...	2	1	
Custard Powder ...	1	—	(1) Added water 2½%. Vendor cautioned. (2) Slight deficiency in fat. Vendor cautioned. (3) Added water 3½%. Vendor cautioned. (4) Deficiency in fat 3%. Vendor cautioned. (5) Added water 5.4% Vendor fined £1 and costs, £1 1s. (6) Added water 2%. Vendor cautioned. (7) 14% less than the legal amount of milk fat. Defendant fined £1 1s. and costs, £1 1s. (8) Added water 1.5%. Vendor cautioned.
Epsom Salts ...	2	—	
Flour ...	15	—	
Ground Ginger ...	1	—	
Lard ...	7	—	
Margarine ...	10	—	
Milk ...	69	8	
Paregoric ...	1	—	
Pepper ...	3	—	
Quinine, Ammo- niated...	2	—	
Sausages ...	2	—	
Spirit of Nitre ...	1	—	
Sweets ...	2	—	
Tea ...	2	—	
Vinegar ...	2	—	

FOOD AND DRUGS.

Under the Sale of Food and Drugs Act, 156 samples of food and drugs were taken and analysed. The results are shown in Table V.

Ten of the samples purchased in the Borough in 1917 were not satisfactory; and, therefore, the percentage of non-genuine samples amounted to 6·4 per cent., as compared with 7·7 per cent. for the preceding year. This is below the figure for London as a whole.

10·4 per cent. of the 77 Milk samples were unsatisfactory, as against 8·3 per cent. during the preceding year; but in some cases the deficiency below the legal limits was very slight.

In London the percentage of Milk samples reported against was about 11 during 1917.

It should be added that many of the samples purchased were below the quality of the average milk supply of London, although they were a trifle above the low legal limits which have been fixed.

All the samples of Milk, Butter, Cream and Margarine were tested for antiseptics, with the result that 0 of the samples of Milk, 3 of Cream, 11 of Margarine, and 10 of Butter were found to contain them. In no case was the amount sufficient to warrant a prosecution, and in each case boric acid was found; but in one or two instances the vendors were cautioned.

All but one of the 14 Butter samples taken throughout the year were found to be satisfactory.

Two informal samples have been taken during the year. The informal samples collected did not lead to the detection of adulteration.

THE PUBLIC HEALTH (MILK AND CREAM)

REGULATIONS, 1912.

All the samples of Milk were examined for preservatives. The samples were all taken under the Sale of Food and Drugs Acts, and in no instance were the Regulations infringed.

The 3 samples of Cream, although procured under the Sale of Food and Drugs Acts, were specially examined with regard to the provisions of the Regulations. That is to say, in every case the precise amount of fat was estimated, and the nature and amount of preservatives also. In addition, it was seen whether each of the vessels containing the Cream was duly labelled "Preserved Cream containing Boric Acid." The 3 samples of Cream contained fat varying from 38 to 52 per cent. by weight and Boric Acid varying from 0·17 per cent. to 0·29 per cent. Boric Acid was the only preservative employed. No thickening substances were found to be added to the samples of Cream examined.

REPORT OF CHIEF SANITARY INSPECTOR FOR THE YEAR 1917.

*To the Mayor, Aldermen, and Councillors of the Metropolitan
Borough of Stoke Newington.*

GENTLEMEN,—

I beg to present my Annual Report for the year ending December 31st, 1917 :—

HOUSES AND PREMISES INSPECTED.

By house-to-house inspection	326
Upon complaint, under Sec. 107 (3), Public Health (London)	
Act, 1891	124
After notification of infectious disease	—
After Notices from Builders, under Bye-law 14 (London	
County Council)	73
Stables and mews... ..	321
Slaughter houses	19
Milkshops, dairies and cowsheds	96
Bakehouses	42
Factories and workshops	452
Other premises inspected	919
Re-inspections made to examine and test work, etc. ...	3,084
Total inspections	5,456

INTIMATION NOTICES SERVED.

(Sec. 3, Public Health (London) Act, 1891.)

House-to-house inspection	110
After inspection on account of complaint	92
After infectious illness	34
With reference to stables and mews	11
" " milkshops, dairies and cowsheds	—
" " bakehouses	4
" " factories and workshops	23
" " slaughter houses	1
After sundry other inspections	18
	293

STATUTORY NOTICES.

Five statutory notices were served by direction of your Committee to be served under Sec. 4, Public Health (London) Act, 1891.

634 nuisances have been abated under Intimation and Statutory Notices. In addition, a large number of improvements have been made on advice to owners and occupiers.

SLAUGHTER-HOUSES.

The three Licensed Slaughter-houses at present in use in the Borough, are :—Nos. 118, Church Street ; 165, High Street ; and 70, Mountgrove Road. The results of inspections have been satisfactory, and the Licenses of each were renewed by the London County Council in October.

COMMON LODGING-HOUSES.

The one Common Lodging-house in the Borough, situate at No. 81, Church Street, is under the control of the London County Council, and is conducted in accordance with the bye-laws. Visits have been made from time to time by your Inspectors.

BAKEHOUSES.

There are 26 bakehouses in the Borough, 20 of these being underground. Two of the latter were unoccupied at the end of the year. Four Notices were served on the occupiers. The usual standard of cleanliness has been maintained.

DAIRIES, COWSHEDS AND MILKSHOPS.

There are at present 65 Milk Vendors registered in the Borough, and one Licensed Cowkeeper.

96 inspections were made during the year, with satisfactory results.

COMPLAINTS.

Sec. 107 (3) Public Health (London) Act, 1891.

One hundred and twenty-four complaints were received during the year, and the premises to which they related were promptly inspected.

In 36 cases, on inspection of the premises to which the complaint related, no nuisance which could be dealt with under the Public Health Acts was found. Ninety-two Intimation Notices were served, and complied with.

The Metropolitan Water Board have been notified of a number of cases of waste or misuse of water in the Borough.

STABLES AND MEWS.

Three hundred and twenty-one inspections were made during the year. Eleven Intimation Notices were served for accumulations of manure.

HOUSES LET IN LODGINGS.

There were 259 premises on the Register at the end of the year.

HOUSE-TO-HOUSE INSPECTION.

Three hundred and twenty-six Inspections were made during the year, mostly in the poorer streets of the Borough. One hundred and ten Intimation Notices were served on Owners and occupiers.

FOOD INSPECTION.

The following is a list of articles of food surrendered during the year :—

Tinned Food.	No. of Tins.	Tons.	cwt.	qrs.	lbs.
Beef	19	—	1	0	2
Salmon	9	—	—	—	9
Milk	148	—	1	1	8

Total 176

Other Articles :—

Bacon	1	3	0	0
Fish	—	1	1	12
Bread	—	1	0	8
Mutton	—	—	—	7
Total	1	7	3	18

387 Inspections were made during the year, attention being directed both to the quality of the food exposed or deposited for sale and also the enforcement of the various orders of the Food Control Board. Your Inspectors attend the meetings of the Food Control Committee and submit a weekly report.

RESTAURANT KITCHENS AND EATING HOUSES.

There are 10 of these premises in the Borough. The results of the inspections, both of the food and the kitchens, have been satisfactory. The times of the inspections were varied as much as possible.

FACTORIES AND WORKSHOPS.

Four hundred and fifty-two inspections were made in the 301 workshops and factories in the Borough during the year, and it was found necessary to serve 23 Notices, chiefly for the cleansing and defects in the flushing arrangements of water closets, etc.

The Register has been revised. M.H. Inspector of factories was notified of one case where the occupier of a workshop had failed to affix the Abstract of the Factory and Workshops Acts.

The outworkers Lists from the various firms in the Borough employing outside labour were dealt with.

NOTIFICATION OF INFECTIOUS DISEASE.

Excluding Measles, 306 cases were notified during the year, and in every instance an inspection of the infected premises was made ; 34 Intimation Notices were served for insanitary conditions found.

All the houses where the cases of infectious illness occurred have been disinfected by the department.

No complaints were received of any damage to, or loss of, textile articles during the process of disinfection.

DRAINAGE PLANS AND APPLICATIONS.

Eleven drainage plans and applications were considered and approved by your Committee.

I am, Gentlemen,

Your obedient Servant,

D. W. MATTHEWS.

A LIST OF THE STREETS SITUATED IN THE BOROUGH OF STOKE NEWINGTON.

(For the Guidance of Medical Practitioners, Midwives, Etc.)

ADEN Grove
Aden Terrace
Adolphus Road
Allen Road
Allerton Road
Albion Road
„ Grove
Alexandra Road
Alexandra Buildings
Amhurst Park (90-100 even
Nos. and 93)
Arthur Road
Ayrsome Road
Aldham Place
BARN Street
Barrett's Grove
Belgrade Road
Bethune Road (1 to 145)
„ „ (2 to 106)
Blackstock Road (5 to 175)
Bouverie Road
Boleyn Road (94 to 192)
Brighton Road
Brodia Road
Broughton Road
Brownswood Park
(Queen's Rd. to Brownswood
Rd.) Green Lanes
Brownswood Road
Burma Road
CCROSSWAY (late Castle St.)
(2 to 50) N. Side
Carysfort Road
Chalmers Terrace
Chapel Place
Chesholm Road
Church Path
„ Road
„ Street
Clonbrock Road
Clissold Road

Coronation Avenue
Cowper Road
Cressington Road

DEFOE Road
Digby Road
Dumont Road
Dynevor Road

EADE Road (2 to 66) and
1 to 27 odd Nos.
Edward's Lane

FAIRHOLT Road
Finsbury Park Road
Fleetwood Street

GAINSBORO Road
Gloucester Road
Goldsmith Square
Gordon Road
Grange Court Road
Grazebrook Road
Grayling Road
Green Lanes
„ „ (from 2 to 388)
„ „ („ 45 „ 109a)
„ „ (271 to 327)
Grove Lodge Yard

HAMILTON Place
Harcombe Road
Hawksley Road
Hayling Road
Heathland Road
Henry Road
Hermitage Road, 1 to 25a, 2 to 14
Hewling Street
High Street (17 to 217)
Hornsey Place
Howard Road

IMPERIAL Avenue

KERSLEY Road
 King's Road
 Knebworth Road
 Kynaston Road
 " Avenue
LANCELL Street
 Laver's Road
 Lavell Street
 Leconfield Road (1-33)
 Leonard Place
 Lidfield Road
 Lilian Street
 Listria Park
 Londesborough Road
 Lordship Road
 " Grove
 " Park
 " Terrace
 Lordship Park Mews
MANOR Road
 Martaban Road
 Marton Road
 Mason's Court
 " Place
 Matthias Road (2-122)
 Millard Road
 Milton Road
 Mountgrove Road (2-98)
NEVILL Road
 Newington Green (33-42)
OLDFIELD Road
 Osterley Road
PAGET Road
 Painsthorpe Road
 Palatine Road
 Paradise Row
 Park Crescent
 " Lane
 " " Terrace
 " Street
 Pellerin Road
 Petherton Road (106 to 138)
 Portland Road
 Prince George Road

Princess Road
 " May Road
QUEEN Elizabeth's Walk
 Queens Road
REEDHOLM Villas
 Rochester Place
 Riversdale Road (92-104)
SANDBROOK Road
 Salcombe Road
 Seven Sisters Road :—From
 Blackstock Road to Amhurst
 Park
 Shakespeare Road
 Shelgrove Road
 Shipway Terrace
 Somerfield Road
 Spenser Road
 Springdale Road
 St. Kilda's Road
 St. Andrew's Road
 " Mews
 " Pavement, S. Side
 Selsea Place
 Stamford Hill (1-39)
 Stoke Newington Road (1-175)
 Statham Grove
 Summerhouse Road
TRUMAN'S Road
 Town Hall Approach.
VICTORIA Grove
 Victoria Grove West
 Victoria Road
WALFORD Road
 Warwickshire Road
 Watson Street
 White Hart Court
 Wilberforce Road
 Winston Road
 Wordsworth Road
 Woodland Road
 Woodlea Road
 Woodberry Down
 " Grove

