

[Report of the Medical Officer of Health for Leyton].

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Leyton Urban District Council.



THE ANNUAL REPORT

ON THE

Vital Statistics & Sanitary Circumstances

OF THE

URBAN DISTRICT OF LEYTON,

TOGETHER WITH THE

REPORT TO THE EDUCATION COMMITTEE

AND

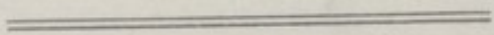
THE HOSPITAL REPORT

FOR THE YEAR 1915,

BY

ALFRED BALL, M.D.LOND., D.P.H.,

Deputy Medical Officer of Health.



Ilford:

SOUTH ESSEX RECORDERS, LIMITED,

HIGH ROAD.

*TO THE CHAIRMAN AND MEMBERS OF
THE LEYTON URBAN DISTRICT COUNCIL.*

Mr. CHAIRMAN AND GENTLEMEN,

The Annual Report for 1915, on the Health and Vital Statistics of the district, which I beg herewith to present, is much briefer than usual for reasons connected with the war.

Every man of military age in the Public Health Department has either joined the Army for foreign service or has offered himself under Lord Derby's Scheme.

On the whole the year has been a healthy one; Scarlet Fever has been prevalent, but there have been no serious outbreaks of Infectious Disease.

The continued absence of hospital accommodation for cases of Smallpox occurring in this district is a source of grave anxiety to your medical officers. May I once more draw the Council's attention to their responsibility in this matter?

My best thanks are due to the Councillors and to my fellow officials for the consideration and kindness they have shown me on many occasions.

I am,

Mr. CHAIRMAN AND GENTLEMEN,

Your obedient Servant,

ALFRED BALL.

Leyton Urban District Council.

ANNUAL HEALTH REPORT

FOR 1915,

BY

ALFRED BALL, M.D., D.P.H.,

Deputy Medical Officer of Health.

ASSESSABLE AND RATEABLE VALUE.

The present assessable value for general district purposes is £493,029 10s., and a rate of 1d. in the £1 produces £1,950.

For poor rate purposes the rateable value is £526,898, and 1d. rate produces £2,055.

AREA, INHABITED HOUSES, POPULATION.

The district has a total area of 2,594 acres; at the end of June it contained 23,643 houses. The number of new houses erected in the district during the year was 41. The demand for houses in Leyton may be gauged from the return of uninhabited houses; these, which in 1912 numbered 921, have now dropped to 314.

At the 1911 census the population numbered 124,736, which number divided among the inhabited houses gave an average of 5.63 persons per house.

Calculated on this basis the population for the middle of 1915 would total 131,342. But it is clear that any estimate which does not take into account the withdrawal from the civil population of large numbers of men of military age will be too high. I have no information of the number of Leyton men who have enlisted, and I therefore take the Registrar-General's figure, his estimate of the civil population for the year 1915 being 124,497.

The birth and death rates are calculated on this estimate of the population, but they cannot strictly be compared with the corresponding rates of previous years as they are vitiated by the

removal of a part of the healthiest section of the community, among whom in times of peace there would have been but few deaths.

BIRTHS.

The number of births continues to decline. 2,655 births were registered—1,372 males and 1,282 females—yielding a birth-rate of 21·3 per 1,000 of the population.

Of the above 68 were illegitimate births, 30 being males and 38 females.

Illegitimate birth-rate, ·55 per 1,000 of the population.

MONTHS.				WARDS.			
January	...	...	244	Leyton	...	...	137
February	...	...	209	Lea Bridge	...	...	419
March	...	...	229	Central	...	...	542
April	...	...	285	Forest	...	...	307
May	...	...	216	Leytonstone	...	...	140
June	...	...	203	Grove Green	...	...	270
July	...	...	231	Harrow Green	...	...	307
August	...	...	198	Cann Hall	...	...	257
September	...	...	186	Wanstead Slip	...	...	216
October	...	...	210	Ward not known	...	...	*60
November	...	...	178				
December	...	...	206				
Transferable	...		60				
			2655	TOTAL	...	...	2655

* Transferable.

DEATHS.

1,237 deaths of Leyton residents* were registered during the year—643 males and 594 females.

To these must be added 133 males and 140 females, being deaths ("transferable") received from the Registrar-General.

The deaths of members of the armed forces are not included in the above figures, or in the mortality tables, but as there were only 7 of these, their inclusion in the tables would have had an almost inappreciable effect on the rates.

It must be understood then that the civil population has been reduced to 124,497 by the loss of the healthy young men, and the mortality rates are consequently raised.

The death-rate for 1915 was 12·1 per 1,000 of the population.

* Including one male—a Belgian refugee.

ZYMOTIC DEATH-RATE.

The deaths which occurred during the year from the seven principal Zymotic diseases were as follows:—Measles, 41; Scarlet Fever, 10; Diphtheria, 19; Whooping Cough, 28; Enteric Fever, 2; Diarrhœa and Enteritis, 28.

The Zymotic death-rate for 1915 was 1·03 per 1,000 of the population.

INFANTILE DEATH-RATE.

The infantile mortality rate, *i.e.*, the number of deaths of children under one year of age per 1,000 births, was 84·7, there being 225 deaths.

NOTIFICATION OF BIRTHS (EXTENSION) ACT, 1915.

This Act took effect on September 1st. Under its terms 654 notifications of births have been received—328 from medical practitioners, 288 from midwives, and 38 from relatives.

The Health Visitor, who gives half her time to Infant Care, visited 328 of these babies and paid re-visits when necessary.

The Council has decided to appoint a second Health Visitor as a part of a complete scheme for Maternity and Child Welfare which is now under consideration.

INFECTIOUS DISEASE.

No case of Plague, Cholera, Smallpox, Typhus or Dysentery has been notified during the year.

There has been since March, 1913, no provision for the isolation in hospital of cases of Smallpox occurring in Leyton.

The Essex County Council has endeavoured to bring into being a joint hospital for the combined use of districts in South-West Essex, but hitherto without success.

In the past, great wars have usually been succeeded by outbreaks of Smallpox, Cholera or other diseases. Should an epidemic of Smallpox arise in Leyton it will then be too late to set about providing hospital beds, and your sanitary officials will be placed at a serious disadvantage in their efforts to stem the outbreak.

VACCINATION RETURNS.

The following are the details received from the Vaccination Officer as to infant Vaccination for the past 7 years :—

	Number of Births.	Vaccinated.	Certificates of Insusceptibility.	Exemptions.	Died Unvaccinated under 1 year.
1908 ...	3071	1756	12	487	199
1909 ...	2979	1396	12	556	173
1910 ...	3011	1241	10	730	140
1911 ...	2931	976	11	658	180
1912 ...	2797	1156	5	1069	154
1913 ...	2925	1152	10	1192	169
1914 ...	2752	1011	17	1238	142

ENTERIC FEVER.

8 cases were notified, of which 2 were not Leyton residents and were suffering from the disease when they came into the district.

The death-rate from Enteric Fever was '06 per 1,000 of the population.

Every case was visited, usually by the Medical Officer of Health, and in addition to giving suitable advice, etc., endeavour was made to trace the cause of the infection. The following table

shows conclusively that Leyton's sanitary condition, judged by the standard of Enteric Fever incidence, is satisfactory.

Case.	Sex.	Age. Yrs.	Where Treated.	Result.	Remarks.
1	F.	19	West Ham Infirmary	Recovered	Cause not traced. Widal-Positive.
2	M.	28	West Ham Infirmary	Died ...	Cause not traced.
3	M.	28	At home	Recovered	Had recently eaten oysters and watercress.
4	M.	18	London Fever Hospl.	—	Not a Leyton resident. Was sickening for the disease when he came into the district.
5	M.	48	West Ham Infirmary	Recovered	Proved to be a case of Paratyphoid. Not a Leyton resident. Was working in Woolwich where he partook of oysters and cockles.
6	F.	24	At home	Recovered	Cause not traced.
7	M.	33	Walthamstow Hospl.	Died ...	Patient had recently eaten oysters.
8	M.	26	West Ham Infirmary	Recovered	Cause not traced.

SCARLET FEVER.

Cases notified, 471. 10 deaths occurred.

Case-fatality, 2·1 per cent.

Death-rate per 1,000 of the population, '08.

DIPHThERIA.

Cases notified, 170. 19 deaths occurred.

Case-fatality, 11·2.

Death rate per 1,000 of the population, '15.

PUERPERAL FEVER.

6 cases of this disease were notified, but one proved to be suffering from pleurisy, and she subsequently died from empyema and cardiac failure. There were no deaths from Puerperal Fever.

One case occurred in the practice of a midwife and another followed on a three months abortion, at which the woman was not attended by either a midwife or a doctor.

The County is the authority for the administration of the Midwives Act, and the County Medical Officer of Health has been promptly notified of all cases coming under his jurisdiction.

Disinfection of premises and clothing has been systematically carried out.

MEASLES.

There were 41 deaths during the year, giving a death-rate of '32 per 1,000 of the population.

The 41 deaths occurred in the months stated:—

Jan.	Feb.	Mar.	April	May	June	July
3	4	16	10	4	2	2

35 deaths occurred in children under five years of age, *i.e.*, in children who do not attend school, and 6 between five and fifteen years.

I received from the school teachers information in respect of 1,287 cases of Measles.

The Health Visitor paid 1,107 visits to these cases, and 154 other visits to cases or suspected cases of German Measles.

WHOOPIING COUGH.

There were 28 deaths during the year, giving a death-rate of '22 per 1,000 of the population.

12 of these deaths occurred in children under one year of age, 12 in those between one and two years, and 4 in those of two and under five years.

The Health Visitor paid 270 visits to these cases.

DIARRHŒA AND ENTERITIS.

Diarrhœa and Enteritis caused 28 deaths, 24 of which were of infants under one year of age.

Our death-rate from Diarrhœa and Enteritis under two years was 9.79 per 1,000 births.

CEREBRO-SPINAL MENINGITIS.

4 cases of Cerebro-Spinal Meningitis have been notified during the year, of which 2 died. In addition, one case (not notified) died in a Children's Hospital.

The following are particulars of the cases :—

Case	Date of Notification	Sex	Age	Result	Remarks
1	15.2.15	Male	6	Recovered	Typical form of disease. No contact with military. Stayed at Brighton about three weeks before illness. Room disinfected. No bacteriological examination.
2	1.3.15	Female	1 $\frac{5}{12}$	Died	Had measles at Christmas and been ailing since. No bacteriological or P. M. examination. Room disinfected.
3	14.5.15	Female	6	Recovered	Typical form of disease. Spinal puncture yielded no fluid. Room disinfected.
4	17.7.15	Female	1 $\frac{9}{12}$	Died	Teething at onset of disease. No bacteriological examination.
5	—	Female	3	Died 28.3.15	Died in Children's Hospital.

ANTERIOR POLIOMYELITIS.

3 cases were notified, of which 1 died.

The following are particulars of the cases :—

Case.	Date of Notification.	Sex.	Age.	Result.	Remarks.
1	26.7.15	Male	1 $\frac{7}{12}$	Left arm paralysed	Source of infection not traced. Case removed to Children's Hospital.
2	28.9.15	Female	1 $\frac{4}{12}$	Right foot paralysed	„ „
3	16.11.15	Female	9	Died ...	Progressive paralysis with sudden death on the third day. Cause of illness not traced.

It will be noticed that all the cases of Cerebro-Spinal Fever occurred in the first seven months of the year, while the cases of Poliomyelitis occurred in the last six months.

OPHTHALMIA NEONATORUM.

18 notifications were received (11 from doctors and 7 from midwives), referring to 17 cases.

Of these, 2 were illegitimate children whose mothers were not Leyton residents, and they are therefore not included in Table II.

All the cases were visited and re-visited. At the end of the year, of the 15 Leyton cases 11 were cured without damage to vision, 3 were dead, and 1 had left the district; 10 were treated by private practitioners, 3 at hospitals, and 2 in the infirmary.

TUBERCULOSIS.

160 deaths occurred from all forms of Tuberculosis, representing a death-rate of 1.28 per 1,000 of the population. The corresponding figures for Pulmonary Tuberculosis were 114 and .92.

Notifications of 235 cases of Pulmonary Tuberculosis and 70 of other forms of Tuberculosis were received during the year.

These cases were visited by the Tuberculosis Officer or his staff and verbal and written instructions given as to the necessary precautions to be taken to prevent the spread of the disease.

Dr. Ross, the Tuberculosis Officer, has been appointed by the Leyton Council, Assistant Medical Officer of Health for Tuberculosis purposes without salary.

Close co-operation is maintained between the Tuberculosis Officer, who is appointed by the Essex County Council, and the Medical Officer of Health. The arrangements as set forth in last year's report have been continued. Notifications of cases of Tuberculosis have been received from the following Institutions:—

	Pulmo- nary.	Other forms.	Total.
West Ham Infirmary	102	12	114
Hospitals—			
Brompton	17	—	17
London	6	17	23
Victoria Park	35	—	35
Others	24	6	30
Sanatoria—			
Black Notley	20	—	20
Colchester	4	—	4
Halstead	8	—	8
Ilford	16	—	16
Lord Mayor Treloar's Home... ..	—	4	4
Maltings Farm	14	1	15
Others	26	9	35
Dispensaries—			
Leyton Tuberculosis	36	5	41
Others	3	1	4
	311	55	366

BACTERIOLOGICAL DIAGNOSIS.

The arrangements made with the County Medical Officer of Health for the examination of pathological specimens are still in force and continue to work satisfactorily.

During the year the following numbers of samples have been sent for examination :—

Diphtheria	149
Ringworm	133
Sputum	25
Miscellaneous	4
	311

CANCER.

There were 115 deaths during the year, giving a death-rate of '92 per 1,000 of the population.

INQUESTS.

The following verdicts were recorded at Inquests held in the district during the year :—

Natural Causes	49
Accident	17

Overlying 1, Asphyxia 1, Suffocation 6	...	8
Suicide (1 wound of throat, 1 hanging)	...	2
Drowning	... ..	4
Misadventure	... ..	9
Want of proper attention at birth	... ..	1

ARMED FORCES OF THE CROWN.

The Registrar-General excludes from his returns from local areas the deaths of all members of the armed forces. Information was received of 7 such deaths of men belonging to Leyton, viz., 1 from each of the following diseases :—

Bronchitis, Tuberculosis, Pneumonia, Cerebro-Spinal Meningitis, Scarlet Fever, Diabetes, and Cancer.

Amongst the Scarlet Fever notifications one man was found to be in the forces. This notification is not included in Table II. He was removed to our hospital, where he made a good recovery.

No other notifications of infectious disease were received among the members of the forces.

HOUSING.

House-to-house inspection is regularly carried on, especially in the poorer neighbourhoods, in which it is found that houses tend to become more or less insanitary chiefly owing to the class of tenants occupying them.

STATEMENT, REQUIRED BY ARTICLE V. OF THE HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910, IN REGARD TO THE INSPECTION OF DWELLING-HOUSES UNDER SECTION 17 (1) OF THE HOUSING, TOWN PLANNING, &c., ACT, 1909.

Number of dwelling-houses inspected under and for the purposes of the section ... 1561

Number of such dwelling-houses which were considered to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 2

Number of dwelling-houses in respect of which representations were made to the local authority with a view to the making of closing orders ... Nil.

Number of dwelling-houses in respect of which closing orders were made by the local authority	Nil.
Number of dwelling-houses the defects in which were remedied without the making of closing orders	1264
Number of dwelling-houses which, after the making of closing orders, were made fit for human habitation	Nil.
General character of the defects found to exist in the dwelling-houses inspected ...	Leaking drains; broken ventilating pipes; w.c. flushing cisterns and pipes out of order; cracked and broken w.c. pans; broken, cracked and porous scullery sinks and waste pipes; leaking roofs; absence of, or broken paving around houses; holes in plaster of ceilings and walls; damp walls; want of ventilation under ground floors; general uncleanly conditions.

CUSTOMS AND INLAND REVENUE ACT, 1890.

Section 26 (2).

The Medical Officer of Health received applications in respect of 8 tenements.

As formerly, insistence on the provision of suitable storage for food was made a condition for the granting of certificates.

SITUATION OF TENEMENTS.

Address.	No. of Tenements.	Certificates granted.	Certificates not granted.
Melbourne Road, 30, 32, 34, 36 ...	4	—	4
Melford Road, 64, 66, 68, 70 ...	4	4	—

SENILE MORTALITY AND MORTALITY FROM CERTAIN DISEASES.

The following table is designed to illustrate the relationship of cold and dampness of the atmosphere to the deaths of old people and to certain diseases.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
60 to 65 years	11	9	3	10	7	9	6	6	2	7	10	11	91
65 to 70 years	13	7	13	8	11	6	9	3	6	8	7	10	99
70 to 80 years	26	23	17	18	11	9	16	14	14	6	22	24	200
80 to 90 years	12	9	12	12	12	1	9	4	4	9	4	13	101
90 years and upwards	3	2	...	...	2	...	...	...	2	3	1	2	15
TOTALS	65	50	45	48	43	25	40	27	28	31	44	60	506
Influenza	3	8	2	2	1	...	...	1	1	...	1	3	22
Phthisis	13	4	10	12	4	5	4	9	8	9	10	10	98
Rheumatic Fever ... ..	...	...	...	1	...	...	...	...	...	1	...	1	3
Bronchitis	35	17	22	22	7	5	4	2	3	4	11	23	155
Pneumonia (all forms)	23	10	10	12	5	6	4	2	2	5	7	11	97
Other diseases of Respiratory Organs ... ..	...	2	4	4	1	1	2	...	2	3	...	...	19
Nephritis and Bright's Disease	3	2	1	2	1	1	8	3	6	2	7	6	42
Diphtheria (notifications)	14	10	12	10	11	19	12	16	14	14	20	18	170
Rainfall in inches in Leyton... ..	3.80	2.74	.76	1.06	3.11	.80	1.63	2.13	1.75	1.21	1.94	4.18	25.11
Number of days on which Rain fell	17	15	13	13	8	7	10	13	5	6	8	21	136

**FACTORIES, WORKSHOPS, LAUNDRIES,
WORKPLACES, AND HOMEWORK.**

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.)	9	2	...
Workshops ... (Including Workshop Laundries.)	675	87	...
Workplaces ... (Other than Out- workers' premises included in Part 3 of this Report.)			
Totals ...	684	89	...

2.—DEFECTS FOUND IN
 FACTORIES, WORKSHOPS, AND WORKPLACES.

Particulars. (1)	Number of Defects.		
	Found. (2)	Remedied. (3)	
<i>Nuisances under the Public Health Acts :—</i>			
Want of Cleanliness	81	81	
Want of ventilation	3	3	
Overcrowding	10	10	
Want of Drainage of floors ... ..	...	...
Other nuisances	87	87	
Sanitary accommodation {	insufficient	2	2
	unsuitable or defective	52	52
	not separate for sexes	5	5
<i>Offences under the Factory and Workshop Acts :—</i>			
Illegal occupation of underground bakehouse (s. 101) ... ..	...	...
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	40	40	
Other offences (Excluding offences relating to outwork which are included in Part 3 of this Report)	...	...
Total	280	280	

3.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)	Number. (2)
Ordinary Workshops	252
Laundries	15
Bakehouses	40
Total Number of Workshops on Register ...	307

4.—OTHER MATTERS.

Class. (1).	Number. (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Acts (s. 133, 1901)	33
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901)—	
Notified by H.M. Inspector	2
Reports (of action taken) sent to H.M. Inspector	2
Other ... ..	...
Underground Bakehouses (s. 101) :—	
Certificates granted during the year ... ..	...
In use at the end of the year	6

5.—HOME WORK.

NATURE OF WORK. (1)	OUTWORKERS' LISTS, SECTION 107.							OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.		OUTWORK IN INFECTED PREMISES, SECS. 109, 110.		
	Lists received from Employers.							Notices served on Occupiers as to keeping or sending lists. (8)	Instances. (9)	Notices served. (10)	Instances. (11)	Orders made (s. 110). (12)
	Sending twice in the year.				Sending once in the year.							
	Lists.* (2)	Outworkers.*		Lists. (5)	Outworkers.							
		Contractors. (3)	Workmen. (4)		Contractors. (6)	Workmen. (7)						
Wearing Apparel—												
Making, &c.	121	...	605	32	...	67	114	449	261	14 ^a	14	
Cleaning and washing ... ..	...	...	...	...	...	...	...	...	...	...	...
Household linen ... ..	...	...	...	...	...	...	...	...	...	...	...
Lace, lace curtains and nets, &c. ... ..	...	...	...	...	...	...	...	...	...	...	...
Curtains and furniture hangings ... ..	...	...	...	...	...	...	...	...	...	...	...
Furniture and upholstery ... ..	...	...	...	...	...	...	...	1	1	...	...
Electro-plate ... ..	...	...	...	...	...	...	...	...	...	...	...
File making ... ..	...	...	...	...	...	...	...	...	...	...	...

Military water bottles ... ..	...	...	...	...	...	...	...	...	5	4	...	...
Brass and brass articles ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Fur pulling, &c. ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cables and chains ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Anchors and grapnels ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cart gear and whips ... ..	...	...	...	...	...	...	...	...	1	...	...	...
Locks, latches and keys, &c. ...	2	...	3	...	...	...	...	...	2	2	1	1
Umbrellas, &c. ... ..	...	...	...	...	...	...	...	...	2	2	1	1
Artificial flowers ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Nets, other than wire nets ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Tents ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Sacks ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Racquet and tennis balls ... ..	...	...	...	...	...	...	...	...	4	3	...	...
Paper, etc., boxes, paper bags... ..	1	...	17	...	...	...	...	...	2	1	...	...
Brush making	4	...	9	...	...	...	...	...	2	2	1	1
Pea picking ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Feather sorting, &c. ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Carding, &c., of buttons, &c. ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Stuffed toys and leather boxes... ..	...	...	...	...	...	...	...	...	1	1	...	...
Basket making ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Chocolates and sweetmeats ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Cosaques, Christmas crackers, Christmas stockings, &c. ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Textile weaving... ..	...	...	...	...	...	...	...	...	...	...	...	...
Linen packing condensers ... ..	...	...	...	...	...	...	...	...	1	1	...	...
TOTAL	128	...	634	32	...	67	114	470	278	17	17	

* No prosecutions were necessary.

FACTORY AND WORKSHOP ACTS, 1901 AND 1907.

Section 132 of the Factory and Workshop Act, 1901, states that the Medical Officer of Health shall report specifically in his Annual Report on the administration of these Acts in workshops and workplaces in the district, and send such report to the Secretary of State.

FACTORIES.—As regards factories, the administration of these Acts is chiefly under the supervision of H.M. Inspector of Factories. 9 visits were made to factories during 1915, and nuisances dealt with and remedied in 2 instances.

WORKSHOPS AND WORKPLACES.—The workshops and workplaces have been inspected and re-inspected, and where any contravention of the Factory and Workshop Acts has been noted, or any nuisance remediable under the Public Health Acts discovered, the premises have been re-visited until the defects found have been abated. The cleanliness and general condition of the rooms are for the most part satisfactory. Frequently the ventilation of the rooms is not good, although the means of ventilation is sufficient if used fully and correctly; advice is then given to the occupier, which is generally all that is necessary to put the matter right. At the beginning of 1915 the number of workshops and workplaces on the register was 303 and at the end of the year 307.

The workrooms are grouped as follows :—

Manufacture of blouses, underclothing, &c.	91
„ „ boots, shoes, &c....	14
„ „ ties, neckwear, &c.	15
„ „ leather goods	1
„ „ walking sticks	1
„ „ brushes	2
„ „ polishes	1
„ „ scales	1
„ „ fancy paper articles	2
„ „ heating apparatus	1

Manufacture of ether sprays	...	...	...	...	1
„ „ wooden boxes	...	...	...	...	1
„ „ mats	...	...	...	...	1
„ „ drawing instruments	...	...	...	...	6
Dressmaking	...	...	...	...	40
Millinery	...	...	...	...	12
Tailoring and alteration of costumes	...	...	...	...	18
Art-needlework and embroideries	...	...	...	...	3
Corset-making	...	...	...	...	1
Bakehouses	...	...	...	...	40
Laundries	...	...	...	...	15
Cabinet-making, &c.	...	...	...	...	5
Shop-fitting	...	...	...	...	1
Picture framing	...	...	...	...	1
Opticians	...	...	...	...	1
Chopping firewood	...	...	...	...	7
Rag-sorting	...	...	...	...	3
Cycle repairing and motor works	...	...	...	...	4
Wheelwrights and carriage painter	...	...	...	...	3
Printing and book-binding...	...	...	...	...	3
Sheet steel and asbestos works	...	...	...	...	1
Glass-cutting	...	...	...	...	1
Cork-cutting	...	...	...	...	1
Manufacture of military clothing, &c.	...	...	...	...	5
Making firelighters	...	...	...	...	2
Furriers	...	...	...	...	2

 307

71 workshops have been removed from the register during the year, and of these 37 are closed entirely. In 16 cases the occupiers re-opened at another address in the district, and in 18 instances it was found that the occupiers had left the neighbourhood.

As required by Section 133 of this Act, H.M. Inspector of Factories was informed of 33 occupiers of workshops who had

failed to affix in their workrooms an Abstract of the Act in accordance with Section 128.

675 inspections of workshops have been made during the year, and defects numbering 280 were found to exist. On the necessary steps being taken the nuisances were remedied.

Notices were received from H.M. Inspector of Factories of nuisances remediable under the Public Health Acts existing in factories and workshops, details of which I give below, with the result of the action taken :—

Notice received.	Description of Premises.	Nuisance notified.	Reply to Factory Inspector.	Result of action taken.
1/3/15	Workshop	One sanitary convenience males and females employed	26/4/15	Employment of females discontinued
25/5/15	Factory	Sanitary convenience opens direct to machine at which boy works	29/5/15	Nuisance abated

HOMEWORK.—The Factory and Workshop Act, 1901, provides that we shall be notified of the addresses of outworkers (in certain specified trades), living in our district, twice yearly. A register is kept of the names and addresses of these outworkers, and the homes are regularly inspected. Powers under the Act are given to the District Council for controlling the conditions under which the work is done in the homes of the workers, and generally a hygienic standard is secured. All insanitary conditions found to exist are dealt with and the necessary action taken to abate nuisances.

Infectious diseases occurred in the homes of 17 outworkers, but immediate steps were taken to prevent the spread of the disease; the outwork was disinfected by us, and the Medical Officer of the Council in whose district the employer resided was advised of the case. In instances where the patient was treated at home, further work was forbidden on the premises until all risk of the infection was over. Infectious diseases also occurred

in 5 other homes where work was being taken in (3 private dress-making and 2 washing). Articles in the houses were disinfected before being returned to the owners.

In 1915, 768 outworkers were notified by other Councils, and 18 other addresses sent to us in error were drafted to the proper authorities. Lists containing 330 names have been forwarded to other Councils in whose districts outworkers, employed by Leyton firms, reside.

To Walthamstow	...	...	...	...	166
„ Hackney	...	...	...	...	51
„ West Ham	...	...	...	...	48
„ Stepney	...	...	...	...	28
„ Tottenham, Holborn, Guildhall, Enfield, Mile End (2 each)	...	...	...	...	10
„ Poplar	...	...	...	...	4
„ East Ham	...	...	...	...	3
„ Islington	...	...	...	...	5
„ Chingford	...	...	...	...	7
„ Shepherds Bush, Camberwell, Bethnal Green, Shoreditch, Bow, Stamford Hill, Woodford, Victoria Park (1 each)	...	...	...	...	8
					330

Circular letters are sent out in February and August to employers who neglect to forward their lists of outworkers by the first day of these months, with the result that the necessary information is generally forthcoming on the receipt of these Reminder Notices without further trouble.

1,692 visits were paid to outworkers' premises and 1,437 inspections of their homes were made. In 255 cases it was found that the addresses returned on the list were incorrect, or that the outworker had removed since the previous visit. Every effort was made to trace removals.

Uncleanly and insanitary conditions in 470 instances were found and dealt with.

ISOLATION HOSPITAL.

The Temporary Isolation Hospital has accommodation for 70 Scarlet Fever and 22 Diphtheria patients.

The nursing has been carried out satisfactorily under the supervision of the Matron, Miss Ryan. Minor changes have occurred in the personnel, but the number of the staff has remained the same as in previous years.

A new floor composed of "Woodura" has been laid down and new bedsteads have been provided in the Male Scarlet Fever Ward. The whole of the corrugated iron roofs have been re-painted.

PATIENTS.

The total number of patients treated during the year was 433, which is the largest number admitted since 1907.

The total number of patients' days in hospital was 18,474.

The total amount expended on the Hospital was £3,539 17s. 8d., which gives an average cost of 3s. 9'9d. per patient per diem.

The amount expended on provisions was £1,066 0s. 10d., which includes the cost of food for the Staff. This gives a daily average of 1s. 1'8d. per patient.

STATISTICAL RETURNS.

ADMISSIONS.

	At all ages.	Under 1 year.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.
Scarlet Fever ...	326	2	53	219	38	13	1
Diphtheria ...	107	1	33	66	1	5	1
Totals ...	433	3	86	285	39	18	2

	Scarlet Fever.	Diphtheria.
Under treatment at beginning of year ...	52	17
Under treatment at end of year ...	50	13
Admitted during year ...	326	107
Discharged during year ...	319	99
Died during year ...	8	12

SEX OF PATIENTS ADMITTED.

	Males.	Females.
Scarlet Fever ...	158	168
Diphtheria ...	59	48

Tracheotomy was performed on seven occasions, in three of which it resulted in saving the life of the child.

59 cases of Scarlet Fever and 27 cases of Diphtheria were treated on the "barrier" system.

SCARLET FEVER.

The causes of death were: Malignant Scarlet Fever 1, Scarlatina Anginosa 3, Scarlet Fever complicated by Measles 2, Marasmus 1, Syncope 1.

DIPHTHERIA.

The causes of death were: Laryngeal 5, Syncope 2, Hæmorrhagic 2, Toxæmia 2, Paralysis 1.

The amount of money expended on the Hospital during the year was £3,539 17s. 8d., and is divisible into the following items:—

	£	s.	d.
Buildings—Repairs and maintenance of Buildings in General ...	205	14	6
Furniture and Repairs ...	37	6	9
Bedding, Linen, etc. ...	43	18	0
Domestic Utensils ...	18	9	2
Fuel, Light, Water, and Cleaning ...	523	16	8
Rates, Printing, Stationery, and Administrative Charges ...	272	0	0
Medicines, Drugs, and Surgical Appliances ...	81	14	7
Provisions ...	1066	0	10
Removal, etc., of Patients ...	210	15	11
Uniforms ...	47	11	8
Salaries, Wages, and Allowances ...	1032	9	7
	<hr/>		
	£3539	17	8
	<hr/>		

REPORT OF SANITARY INSPECTOR.

TO THE CHAIRMAN AND MEMBERS OF THE
LEYTON URBAN DISTRICT COUNCIL.

GENTLEMEN,

I beg to submit to you my Twenty-fifth Annual Report for the year ending December 31st, 1915.

INFECTIOUS DISEASE.

1,061 cases of Infectious Diseases were notified during the above-mentioned period.

Under the direction and supervision of the Medical Officer of Health, the houses where cases of Infectious Diseases occur are visited, instructions given as to isolation of the patients, and in the cases of those treated at home subsequent visits are made to see that the isolation is being properly carried out.

Enquiries are made as to schools attended, number of inmates, and how employed, and instructions are given as to the precautions to be adopted to prevent the spread of the disease.

Appended is a summary of the work in connection therewith:

Houses disinfected and the sanitary arrangements examined and tested:

Tuberculosis Cases	145
Other Infectious Diseases	609

Loads of infected bedding removed to be disinfected at the Council's Steam Disinfector and returned	660
--	-----

Books belonging to Public Institutions disinfected	57
---	----

Number of articles of wearing apparel disinfected	331
--	-----

Number of Notices to Education Department, Schools and Public Libraries with regard to Infectious Diseases ...	1015
--	------

Disinfectants are supplied in cases of Infectious Disease, and can be obtained at the Town Hall at any time during office hours.

INSPECTION OF THE DISTRICT AND ABATEMENT OF NUISANCES.

Complaints received from the inhabitants of the district have been promptly dealt with, and, where necessary, notices have been served to remedy insanitary conditions found to exist.

The House to House inspection has been carried out in different parts of the district. Insanitary conditions found to exist have been remedied and in many cases structural work was efficiently carried out.

The House to House inspection has taken place in the following roads :—

Skelton's Lane, Leyton.	Chichester Road, Leytonstone.
Burchell Road, Leyton.	Sansom Road, Leytonstone.
Sidmouth Road, Leyton.	Matcham Road, Leytonstone.
Sophia Road, Leyton.	Napier Road, Leytonstone.
Byron Road, Leyton.	Scarborough Road, Leytonstone.
Claude Road, Leyton.	Cavendish Drive, Leytonstone.
Shortlands Road, Leyton.	Borthwick Road, Leytonstone.
Dagenham Road, Leyton.	Marlborough Road, Leytonstone.
Norton Road, Leyton.	Arundel Road, Leytonstone.
Millicent Road, Leyton.	Ravenstone Road, Leytonstone.
Vicarage Road, Leyton.	Davies Lane, Leytonstone.
Rosebank Road, Leyton.	Norman Road, Leytonstone.
Myrtle Road, Leyton.	Cowley Road, Leytonstone.
Violet Road, Leyton.	
Russell Road, Leyton.	

SUMMARY OF INSPECTIONS AND RESULTS :—

Total number of houses and premises inspected ...	9478
" " houses and premises re-inspected	8461
Number of visits to slaughter houses	995
" " dairies, cowsheds and milkshops	510
" " food shops	1134
" " bakehouses	148
" " workshops	684
" " offensive trade premises	1016
Miscellaneous inspections	317
Complaints received	414
Nuisances detected without complaint	2620
Nuisances abated	3034
Notices served and letters written in reference to same	3873
Intimations to Metropolitan Water Board <i>re</i> waste of water	50
Defective drains remedied	173
Choked drains cleared	259
Drain manholes properly covered or sealed ...	33
Defective gullies or connections and percolation around same remedied	550
Air inlets provided to drains or repaired	58
Houses entirely re-drained with intercepting traps and manholes provided between the house drains and sewer and with efficient air inlet and outlet ventilators	83
Foul w.c.'s and drains cleansed	167
Defective w.c.'s repaired, new traps and straight backed pans provided where necessary ...	268
Defective w.c. flush cisterns and flush pipes renewed or repaired and water supply provided	211
Defective soil pipes repaired or renewed	17
Ventilating shafts repaired or provided to soil pipes and drains	107

Foul and defective sinks cleansed or renewed ...	150
Sink, bath and lavatory waste pipes and rain pipes trapped or disconnected	95
Defective sink, bath and lavatory waste pipes renewed or repaired	210
Defective rain pipes and gutters renewed or repaired	476
Defective house roofs repaired	364
Defective floors of sculleries or cellars repaired, paved or concreted	87
Yards around back additions of houses and fore- courts paved or repaired	254
Yards cleansed	44
Houses in a general insanitary, dilapidated or filthy condition repaired and cleansed ...	1196
Houses unfit for human habitation closed	2
Damp conditions in house or part of house remedied	652
Ventilation provided under ground floors ...	366
Nuisances arising from stagnant water in base- ment of houses abated	29
Nuisances arising from insanitary condition of stables abated	18
Manure receptacles provided	20
Mews in filthy condition paved, drained and cleansed	14
Water supplies to houses restored and water fittings repaired	92
Domestic water cisterns removed from improper positions or cleansed or repaired	19
Covers to domestic water cisterns provided ...	66
Nuisances caused by overcrowding abated ...	17
Nuisances caused by fish, offal, manure and other refuse deposits abated	216
Nuisances caused by animals kept in an insani- tary state abated	59

Smoke nuisances abated	...	...	...	...	8
Foul and defective urinals cleansed or repaired	...				9
Vacant plots of land fenced in	...	...	...		6
Insanitary conditions in slaughterhouse premises remedied	...	...	...	...	10
Insanitary conditions in bakehouse premises remedied	...	...	...	...	40
Insanitary conditions in dairy, cowshed and milkshop premises remedied	...	...	...		30
Insanitary conditions in food shop premises remedied	...	...	...	...	61
Insanitary conditions in rag and bone premises remedied	...	...	...	...	27

DRAINAGE.

The drainage of 83 houses has been reconstructed. In many cases the drains formed portions of combined systems of drainage, and in such instances the work has been done by the Council's workmen and the expenses incurred have been recovered from the owners.

During the year 9 ventilating shafts were provided to the public sewers.

LEGAL PROCEEDINGS.

54, Acacia Road, Leytonstone.

36, Birkbeck Road, Leytonstone.

3, Montague Road, Leytonstone.

118, Grange Park Road, Leyton.

Proceedings were instituted against the owners of the above houses for non-compliance with notices requiring certain sanitary defects to be remedied.

In three of the cases the necessary work was completed before being dealt with by the magistrates, and in the other instance an abatement order was made, the work required being then carried out and the costs paid by the owner.

MEAT AND FOOD INSPECTION.

A large amount of time and attention has been given to the inspection of meat and other food in shops, stalls and slaughterhouses, also any uncleanly or insanitary conditions found on the premises being dealt with. In connection with the inspection a quantity of unsound food was destroyed. It consisted of :—

1 Bullock Carcase.	Viscera of 1 Heifer.
4 Pig Carcases.	„ 1 Bullock.
3 Sheep Carcases.	„ 1 Pig.
Forequarters of Bullock.	2 boxes of Dabs.
Portion of Calf Carcase.	8 stones of Haddock.
„ Belly of Pork.	2 hampers of Haddock.
„ Leg of Lamb.	94 tins of Salmon.
5 Breasts of Mutton.	1 basket of Mackerel.
3 Scrags of Mutton.	1 case of Eels.
14 lbs. of Beef.	1 box of Soles.
17 Livers.	5 stones of Codlings.
5 Beasts' Lungs.	164 lbs. of Cod Fish.
1 Pig's Pluck.	14 cases of Oranges.
	69 baskets of Strawberries.

SLAUGHTERHOUSES.

The Slaughterhouses are visited continually, and at any time when it is known that slaughtering is being carried on. We find that generally the bye-laws relating to them are well observed.

KEEPERS OF SLAUGHTERHOUSES.

Norwood, A. & Son, 650, High Road, Leytonstone.

Wilson, W. H., 249, High Road, Leytonstone.

Furze, E. R., 412, High Road, Leytonstone.

Nichols, A. A., 710, High Road, Leytonstone.

Woollard, T. F., 728, High Road, Leytonstone.

Harmer, C. & Sons, 168, High Road, Leytonstone.

Rumbal, J. H., 615, High Road, Leyton.

Seagrave, W., 442, High Road, Leyton.

Measures, J., 807, High Road, Leyton.

Smith, A. J., 48, Lansdowne Road, Leytonstone.

Carr, A. H., 55, Hainault Road, Leytonstone.

Abbott, E., Hainault Road, Leytonstone.

Frost, S., 155, Ashville Road, Leytonstone.

Gattrill, C. F., 177, Francis Road, Leyton.

Wright, G., 540, Lea Bridge Road, Leyton.

Smith, M., 467, High Road, Leytonstone.

Stratford Co-operative and Industrial Society, Ltd., South
Birkbeck Road, Leytonstone.

DAIRIES, COWSHEDS, AND MILKSHOPS.

The number of dairies, cowsheds, and milkshops on the register for the year ending December 31st, 1915, was 165.

There are at present 6 cowsheds in use in the district; these, together with the dairies and milkshops, are visited periodically, special attention being given to the cleanliness of the premises and general sanitary conditions.

BAKEHOUSES.

The bakehouses in the district have been frequently visited during the year. The majority are kept in a very satisfactory condition; where necessary, notices have been served as regards uncleanly or other insanitary conditions.

OFFENSIVE TRADES.

The offensive trade premises in the district, including rag and bone dealers and fried fish shops, have been frequently visited, and where necessary steps have been taken to see that the bye-laws relating to same were duly observed.

MORTUARY.

During the year the number of bodies received was 86. There were 57 post-mortems and 85 inquests held.

PETROLEUM.

23 licenses were issued after inspection as to the suitability of the premises.

DUST COLLECTION.

21,123 tons of house refuse, comprising 17,017 loads, were removed in 1915 to the Destructor.

During the year considerable difficulty has been experienced in the dust collection owing to the scarcity of labour due to the war. Leaflets have been posted in the district advising householders to burn as much of their refuse as possible and generally this has been observed.

I am, Gentlemen,

Your obedient Servant,

H. MILLER.

TABLE I.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1915 AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1910	123300	—	3011	24.4	2125	17.2	1028	15	191	63.4	1112	9.0
1911	124736	2903	2931	23.5	2555	20.5	1250	168	327	111.6	1473	11.8
1912	126700	2776	2797	22.1	2302	18.2	1147	188	223	79.7	1343	10.6
1913	129366	2858	2904	22.4	2120	16.4	992	208	242	83.3	1336	10.3
1914	130847	2751	2800	21.4	2163	16.5	1034	234	219	78.2	1363	10.4
1915	124497	2595	2655	21.3	2462	19.8	1225	273	225	84.7	1510	12.1

Rates in columns 5, 7, and 13 calculated per 1000 of estimated gross population.

Area of District in acres (land and inland water)	} 2594	Total population at all ages	124735	} At census 1911.
		Total families or separate occupiers	27346	

TABLE II.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1915, INCLUDING CASES WHICH OCCURRED IN WEST HAM UNION, INFIRMARY, &C., BUT NOT THOSE IMPORTED.

NOTIFIABLE DISEASE.	Number of Cases Notified.							Total Cases Notified in each Locality—Wards.									Total Cases removed to Hospital.					
	At all Ages.	At Ages—Years.						1 Leyton.	2 Lea Bridge.	3 Central.	4 Forest.	5 Leytonstone	6 Grove Green.	7 Harrow Green.	8 Cann Hall.	9 Wanstead Slip.						
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.											65 and upwards.				
Small Pox	
Cholera (C) Plague (P)
*Diphtheria (including Membranous Croup)	170	1	56	92	4	16	1	12	42	37	16	11	7	16	17	12	128					
†Erysipelas	78	...	5	8	8	23	24	10	10	6	14	16	4	5	7	10	6	13				
‡Scarlet Fever	471	3	88	314	43	21	2	38	68	126	49	17	23	65	52	33	325					
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	8	...	...	...	3	4	1	1	...	3	3	...	...	...	1	...	6
Relapsing Fever (R) Continued Fever (C) ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	6	...	...	...	2	4	...	...	...	1	...	1	2	2	...	...	6
Cerebro-spinal Meningitis	4	...	2	2	...	...	...	1	1	...	1	...	1	...	...	...	2
Poliomyelitis	3	...	2	1	...	...	...	...	1	...	...	1	...	...	...	1	2
Ophthalmia Neonatorum	15	15	...	...	...	...	...	1	2	...	1	...	3	4	3	1	3
§Pulmonary Tuberculosis	235	...	1	36	48	103	42	5	19	40	46	21	18	16	32	25	16	51				
Other forms of Tuberculosis	70	2	22	26	8	8	3	1	8	13	10	8	2	3	13	8	5	17				
TOTALS	1060	21	176	479	116	179	73	16	90	173	237	115	54	60	139	116	74	553				

* One case occurred in Bethnal Green Schools.
 † Two cases occurred in West Ham Workhouse, two in West Ham Infirmary, and one in "Forest House," James Lane.
 ‡ One case occurred in Bethnal Green Schools.
 § Three cases occurred in West Ham Workhouse, one in Bethnal Green Schools—Two cases homeless.

TABLE III. DEATHS.—1915.

AGES.—WHOLE YEAR.

WARDS.—WHOLE YEAR.

CAUSES OF DEATH.	ALL AGES.										In Public Institutions in the District.		WARDS.										TOTALS.
	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.	Not belonging to district.	Belonging to district.	Leyton.	Lea Bridge.	Central.	Forest.	Leytonstone.	Grove Green.	Harrow Green.	Cann Hall.	Wanstead Slip.	Ward not known.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
All Causes { Certified ...	1510	225	59	80	64	64	195	329	494	1225	266	111	223	267	157	162	149	165	136	117	23	...	
Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	2	...	...	...	...	...	2	...	...	3	1	1	...	...	1	...	...	...	...	...	...	...
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	41	8	9	18	6	...	...	...	...	17	5	4	5	4	4	3	8	8	1	4	...	...
Scarlet Fever ...	10	...	1	2	6	1	...	...	...	...	...	2	2	3	1	...	1	1	1	...	...	...
Whooping Cough ...	28	12	12	4	...	...	...	...	...	11	6	2	5	2	3	2	3	4	2	5	...	...
Diphtheria and Croup ...	19	...	...	13	5	...	...	1	...	...	...	6	6	...	...	1	4	1	1	1	...	...
Influenza ...	23	...	...	1	1	2	5	6	8	8	2	2	2	4	4	3	2	4	4	2	1	...
Erysipelas ...	7	...	...	...	...	1	1	1	4	12	4	3	1	...	...	...	1	1	1	1	...	...

Phthisis (Pulmonary Tuberculosis)	114	...	1	1	4	23	51	32	2	192	31	5	24	14	14	12	10	9	14	10	2	...
Tuberculous Meningitis	24	3	6	10	4	...	1	...	...	11	2	...	2	5	2	...	3	10	2	...	...	...
Other Tuberculous Diseases ...	22	4	3	5	3	2	4	1	...	34	6	...	2	5	2	1	1	4	5	2	...	...
Cancer, malignant disease ...	115	...	...	...	...	3	9	52	51	73	14	9	13	20	12	21	5	14	15	2	4	...
Rheumatic Fever	3	...	...	...	2	...	...	1	...	3	1	...	...	...	...	2	...	1	...	...	...	...
Meningitis	8	3	2	3	...	...	...	...	...	7	3	...	3	1	1	...	1	2	...	...	...	...
Organic Heart Disease	136	...	...	1	4	4	19	47	61	110	23	13	19	19	13	22	15	10	10	13	2	...
Bronchitis	168	16	3	3	4	3	6	28	105	136	35	8	31	31	26	15	19	14	6	10	8	...
Pneumonia (all forms)	112	29	10	6	3	4	18	22	20	88	22	9	17	18	9	7	13	18	15	4	2	...
Other diseases of Respiratory Organs	27	...	1	...	...	1	6	7	12	25	2	2	6	2	3	2	3	1	2	5	1	...
Diarrhoea and Enteritis	28	24	2	1	...	...	...	...	1	26	2	...	4	7	...	1	7	4	1	4	...	...
Appendicitis and Typhlitis ...	2	...	...	...	...	1	...	1	...	2	1	...	...	...	...	1	...	1	...	...	...	...
Cirrhosis of Liver	14	...	...	...	...	...	2	9	3	12	3	2	2	1	1	1	3	2	1	1	...	...
Alcoholism	3	...	...	...	...	...	1	2	...	4	2	1	...	1	...	...	...	...	...	1	...	...
Nephritis and Bright's Disease	46	...	1	3	2	1	7	15	17	40	12	5	6	10	5	4	2	6	4	4	...	...
Puerperal Fever	1	...	...	...	...	...	1	...	...	2	1	...	...	...	...	...	...	...	...	1	...	...
Other accidents and diseases of Pregnancy and Parturition	7	...	...	...	...	1	6	...	...	4	1	1	2	3	...	...	...	1	...	...	...	...
Congenital Debility and Mal- formation, including Prema- ture Birth	97	94	1	2	...	...	...	...	...	57	16	7	13	20	12	4	14	10	6	11	...	...
Violent Deaths, excluding Suicide	49	6	3	4	4	3	8	4	17	48	8	2	6	13	6	6	7	3	1	4	1	...
Suicide	9	...	...	...	...	...	4	4	1	2	...	...	2	3	1	...	3	...	...	...	...	...
Other Defined Diseases	311	26	4	3	16	14	44	93	111	197	43	27	44	52	30	42	23	27	36	30	...	...
Diseases Ill-defined or Un- known	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Old Age... ..	83	...	...	...	...	...	...	2	81	101	20	6	6	23	7	13	5	6	10	4	3	...
	1510	225	59	80	64	64	195	329	494	1225	266	111	223	267	157	162	149	165	136	117	23	...
Sub-Entries included in above figures—																						
Cerebro-spinal Meningitis ...	3	...	2	1	...	...	...	...	...	3	...	...	2	...	...	...	...	1	...	...	...	...
Poliomyelitis	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...

TABLE NO. IV.
 INFANTILE MORTALITY DURING THE YEAR 1915.
 Nett Deaths from Stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 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.
All Causes	Certified	45	16	7	9	77	63	26	35	24	225
	Uncertified ... ..	...	...	...	...	...	...	...	...	...	...
Small-pox ... ..		...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..		...	...	...	...	...	...	...	...	...	...
Measles ... ..		...	1	...	...	1	...	1	1	5	8
Scarlet Fever ... ..		...	...	...	...	...	...	...	...	...	...
Whooping-Cough... ..		...	...	...	1	1	2	2	5	2	12
Diphtheria and Croup ... ..		...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..		...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..		...	...	...	...	...	...	...	2	1	3
Abdominal Tuberculosis... ..		...	...	...	...	...	2	...	...	1	3
Other Tuberculous Diseases ... ..		...	...	...	...	...	...	...	...	1	1
Meningitis (<i>not Tuberculous</i>) ... ..		...	...	...	...	...	...	2	1	...	3

Convulsions	...	...	...	...	3	...	...	...	3	2	1	...	...	6
Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	2	1	2	5	4	3	1	3	16
Pneumonia (all forms)	...	...	...	...	...	1	...	...	1	4	5	14	5	29
Diarrhoea	...	...	...	...	...	...	1	...	1	4	...	3	2	10
Enteritis	...	...	...	...	...	...	...	...	...	5	5	4	...	14
Gastritis	...	...	...	...	...	...	...	...	...	2	...	...	...	2
Syphilis	...	...	...	...	...	...	...	...	...	2	...	...	...	2
Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	1	1	2	3	1	...	...	6
Injury at Birth	...	...	...	...	...	1	...	...	1	...	...	...	...	1
Atelectasis	...	...	...	...	...	7	...	1	8	...	...	...	...	8
Congenital Malformations	...	...	...	...	...	4	1	...	1	6	4	1	...	12
Premature Birth	...	...	...	...	...	24	6	1	1	32	7	1	...	40
Atrophy, Debility and Marasmus	...	...	...	...	...	4	4	2	2	12	20	4	4	42
Other Causes	...	...	...	...	...	2	1	...	1	4	2	...	...	7
TOTALS					...	45	16	7	9	77	63	26	35	24	225
Nett Births registered during the calendar year					...	2,587	Nett Deaths registered during the calendar year					...	218	...	7
					...	68					

... TABLE IVa.
INFANTILE MORTALITY DURING THE YEAR 1915.
 Deaths from Stated Causes as they occurred in the various Wards under One Year of Age.

CAUSE OF DEATH.	Leyton.	Lea Bridge.	Central.	Forest.	Leyton-stone.	Grove Green.	Harrow Green.	Cann Hall.	Wanstead Slip.	Ward not known.	Total Deaths under 1 Year.
All Causes { Certified Uncertified	11 ...	37 ...	46 ...	28 ...	7 ...	32 ...	26 ...	16 ...	21 ...	1 ...	225 ...
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...
Measles	1	1	2	1	...	...	2	...	1	...	8
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Whooping-Cough ... ..	...	4	1	1	1	1	...	1	3	...	12
Diphtheria and Croup ... ..	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..	...	...	...	...	...	1	2	...	...	...	3
Abdominal Tuberculosis ... ..	...	...	...	1	...	...	1	1	...	...	3
Other Tuberculous Diseases ... ..	...	...	1	...	...	...	...	...	...	...	1
Meningitis (<i>not Tuberculous</i>) ... ..	...	...	1	1	...	1	...	...	...	...	3
Convulsions	1	1	2	...	...	1	...	...	1	...	6

Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	1	6	2	6	...	...	...	1	...	...	...	16
Pneumonia (all forms) ...	2	5	5	1	1	5	6	3	1	...	...	29
Diarrhoea ... ..	...	3	3	...	...	3	...	...	1	...	...	10
Enteritis ... ..	...	...	3	...	1	2	4	1	3	...	...	14
Gastritis ... ..	...	1	...	...	...	...	...	1	...	...	...	2
Syphilis ... ..	...	...	...	1	...	...	...	...	1	...	...	2
Rickets ... ..	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ...	...	...	...	2	...	4	...	...	...	...	...	6
Injury at Birth .. ..	...	...	...	...	...	...	...	...	...	1	...	1
Atelectasis ... ..	...	1	4	2	...	...	...	1	...	...	...	8
Congenital Malformations	2	2	4	...	1	1	1	...	1	...	...	12
Premature Birth	1	9	7	4	2	3	5	6	3	...	...	40
Atrophy, Debility and Marasmus	3	2	9	8	1	10	4	...	5	...	...	42
Other Causes ... ..	...	2	2	...	...	...	1	1	1	...	...	7
Totals	11	37	46	28	7	32	26	16	21	1	...	225
Nett Births registered during the calendar Year				Legitimate 2,587 Illegitimate 68	Nett Deaths registered during the calendar Year				Legitimate Infants ... 218 Illegitimate Infants ... 7			

Leyton Urban District Council.

ANNUAL REPORT

TO THE

EDUCATION COMMITTEE,

EMBODYING THE

EIGHTH ANNUAL REPORT

ON THE

MEDICAL INSPECTION OF SCHOOL
CHILDREN

Under the Education (Administrative Provisions) Act of 1907,

For the Year 1915,

BY

ALFRED BALL, M.D.LOND., D.P.H.

Deputy Medical Officer of Health.

ILFORD :

SOUTH ESSEX RECORDERS, LIMITED, HIGH ROAD.

TO THE CHAIRMAN AND MEMBERS

OF THE

LEYTON EDUCATION COMMITTEE.

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

I beg to present the Eighth Annual Report on the work of the School Medical Service in Leyton under the Education (Administrative Provisions) Act of 1907.

In the Schools the medical inspection of "Entrants" and "Leavers" has been carried out, but with the consent of the Board of Education the examination of an intermediate group, consisting of 8 year old children, has been deferred for the duration of the war.

The School Clinics at the Town Hall have dealt with children suffering from minor ailments, defective vision and dental defects, and have been maintained in full activity; the inspection clinic has also been held each morning.

My best thanks are due to the members and officials of the Education Committee for the assistance which they have rendered me on many occasions.

I am,

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

Your obedient Servant,

ALFRED BALL.

CHANGES DUE TO THE WAR.

The work of the School Medical Department has been carried on under difficulties during 1915.

Dr. Taylor has been absent on military service throughout the year. Both of the junior clerks have enlisted in the Army and their places have been taken by untrained substitutes, and in addition other members of the Staff have been away temporarily through illness. Medical inspection in the Schools was undertaken by Dr. Shannan until April, when she resigned, and from June 22nd by Dr. Alice Stalker, who was appointed Temporary Assistant Medical Officer in her place. Both of these ladies have had considerable previous experience in the work and they have rendered excellent service to the Council.

SCHOOL ACCOMMODATION.

In Leyton there are 20 Public Elementary Schools with 52 departments and accommodation for 22,851 children. The re-building of High Road School and the proposed extensions at Canterbury Road School have been postponed owing to the war.

CHILDREN ON THE REGISTERS.

The average number of children on the registers during the year ended 31st December, 1915, was 21,301. The number on the registers in 1910 was 20,337.

MEDICAL INSPECTION : ARRANGEMENTS AND SCOPE.

The co-ordination of the School Medical and Public Health services is complete, being carried out in the office of the Medical Officer of Health, who is also School Medical Officer.

The actual inspections in the Schools are performed by the Assistant Medical Officer who is accompanied by a School Nurse. During the year two groups of children have been dealt with, viz., those newly admitted to school who are known as Entrants, and those who are due to leave school before the date of the next medical inspection, known as Leavers. The examination of

an intermediate group comprising all 8 year old children has been postponed until after the war with the consent of the Board of Education.

Children who at previous inspection have been found in need of treatment have been re-examined, and others known as "Specials," on whom Head Teachers desired an opinion, have also been inspected.

At the end of the year 66 children, who were due for examination as "Leavers," had not been seen. These were inspected this year, but for the sake of completeness they are included in the figures for 1915.

Head Teachers have sent notices to the parents of children about to be inspected, informing them of the date and time when their children would be examined and inviting them to be present.

These invitations were accepted as follows :—Of the Entrants, 86·3% of the boys and 90% of the girls; and of the Leavers, 44·5% of the boys and 76·5% of the girls were accompanied by a parent.

All examinations have been conducted on school premises, usually in a class room and sometimes in a teacher's room. There have been but few objections by parents to the medical examination of their children.

The objections were received at the following Schools :—

Call Hall Road	...	...	...	...	8
Canterbury Road	...	...	...	...	4
Capworth Street	...	...	...	...	1
Church Road	...	...	...	...	1
Davies Lane	...	...	...	...	1
Farmer Road	...	...	...	...	3
Goodall Road	...	...	...	...	2
Kirkdale Road	...	...	...	...	4
Mayville Road	...	...	...	...	1
Newport Road	...	...	...	...	3
Norlington Road	...	...	...	...	7

Ruckholt Road	...	...	...	...	7
St. Joseph's	...	...	...	...	1
Trumpington Road	...	...	...	...	4

In the case of children found to be in need of treatment the defect was pointed out to the parent if present, or a note was sent home advising that treatment should be sought; in addition, the particulars were entered on a special "following up" card which was available for use at the next visit of the doctor to the School, when further notes were added, and the information thus obtained has been embodied in the table headed "Treatment of Defects of Children during 1915."

Dental Inspection is carried out by the Dentist in the Schools and consists in the inspection of the teeth of all children who are six years of age.

TABLE 1.—NUMBER OF CHILDREN INSPECTED, 1915.

A "ROUTINE" GROUPS.

Age.	Entrants.					Total.
	3	4	5	6	Other ages.	
Boys	0	0	745	402	114	1261
Girls	0	0	645	408	117	1170
Totals	0	0	1390	810	231	2431

Leavers.					Grand Total.
12	13	14	Other ages.	Total.	
105	856	9	2	972	2233
101	754	11	0	866	2036
206	1610	20	2	1838	4069

B GROUPS OTHER THAN "ROUTINE."

	Intermediate Groups.	Special Cases.	No. of Re-examinations.
Boys	} None {	119	} 1078
Girls		172	
Totals		291	1078

CHILDREN ENTERING SCHOOL FOR THE FIRST TIME—"ENTRANTS."

The number examined at each age and average height and weight were as follows :—

BOYS.				GIRLS.		
Ages.	No. Examined.	Height.	Weight.	No. Examined.	Height.	Weight.
		ins.	lbs.		ins.	lbs.
5-6 ...	745	41.5	37.9	645	41.1	36.5
6-7 ...	402	42.3	41.9	408	39.3	41.2
7-8 ...	103	46.1	46.5	98	45.5	45.2
8-9 ...	11	48.2	52.7	17	47.7	51.1
9-10 ...	0	0	0	2	48.7	53.2

The children had suffered previously from Infectious Diseases to the following extent :—

	Measles.	Whooping Cough.	Chicken Pox.	Scarlet Fever.	Diphtheria.	Tuberculosis in family.
Boys 5-6	551	355	264	39	9	40
" 6-7	307	200	143	23	14	23
" 7-8	87	61	45	13	4	5
" 8-9	10	6	4	1	0	0
Girls 5-6	450	352	221	24	5	33
" 6-7	316	245	165	17	6	24
" 7-8	79	64	50	10	14	6
" 8-9	16	16	10	0	0	0
" 9-10	2	1	0	0	0	0

CHILDREN ABOUT TO LEAVE SCHOOL—"LEAVERS."

The number examined at each age and the average height and weight were as follows:—

Ages.	BOYS.			GIRLS.		
	No. Examined.	Height.	Weight.	No. Examined.	Height.	Weight.
11-12 ...	2	ins. 50·37	lbs. 58·2	0	ins. ·0	lbs. ·0
12-13 ...	105	56·5	75·7	101	57·0	58·0
13-14 ...	856	57·1	77·3	754	59·7	81·6
14-15 ...	9	59·1	83·4	11	60·4	89·4

The children had suffered previously from Infectious Diseases to the following extent:—

	Measles.	Whooping Cough.	Chicken Pox.	Scarlet Fever.	Diphtheria.	Tuberculosis in family.
Boys						
11-12	2	2	1	0	0	0
12-13	90	69	63	23	5	0
13-14	650	457	372	132	38	9
14-15	7	4	5	4	0	0
Girls						
12-13	91	65	65	19	11	0
13-14	684	493	435	116	47	2
14-15	10	7	5	1	0	0

CONDITION AS TO VACCINATION REVEALED AT SCHOOL INSPECTION.

	Entrants.		Leavers.		Total.		Percentage.
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	
No mark ...	515	496	246	190	761	686	33·9
One mark ...	74	64	60	58	134	122	6·0
Two marks ...	162	128	118	129	280	257	12·6
Three marks ...	74	79	134	117	208	196	9·5
Four marks ...	436	403	414	372	850	775	38·0

TABLE
RETURN SHOWING THE PHYSICAL

Condition.		Entrants.			
		Boys.	Girls.	Total.	Per Cent.
Total Inspected.		1261	1170	2431	...
Clothing	Satisfactory	1226	1142	2368	97.4
	Unsatisfactory... ..	35	28	63	2.5
Footgear	Satisfactory	1212	1117	2329	95.8
	Unsatisfactory... ..	49	53	102	4.1
Cleanliness of head	Clean	1175	838	2013	82.8
	Nits	72	319	391	16.0
	Pediculi	14	13	27	1.1
Cleanliness of body	Clean	1177	1079	2256	92.8
	Flea-bitten and Dirty	74	78	152	6.2
	Pediculi	12	13	25	1.0
Nutrition	Excellent	29	30	59	2.4
	Normal	1055	1014	2069	85.1
	Below Normal... ..	162	111	273	1.1
	Bad	15	15	30	1.2
Nose and Throat	No defect	1000	915	1915	78.7
	Mouth Breathers ...	15	4	19	0.7
	Tonsils slightly enlarged	60	50	110	4.5
	Tonsils much enlarged	117	99	216	8.8
	Adenoids slight ...	28	15	43	1.7
	Adenoids marked ...	41	38	79	3.2
	Other affections ...	22	12	34	1.0
External Eye Disease	No disease	1246	1150	2396	98.5
	Blepharitis	10	13	23	0.9
	Conjunctivitis... ..	3	1	4	0.1
	Corneal Opacity ...	3	2	6	0.2
	Other disease	3	4	7	0.2
Ear Disease	No disease	1254	1154	2408	99.0
	Obstruction ... Right	2	3	5	0.2
	... Left	1	2	3	0.1
	Otorrhœa ... Right	2	7	9	0.3
	... Left	3	4	7	0.2
	Other disease	0	0	0	0.00
Teeth	Sound	283	308	591	24.3
	Less than four Decayed	520	459	979	40.2
	Four or more Decayed	453	394	847	34.8
	Sepsis	5	10	15	0.6

II.

CONDITION OF CHILDREN INSPECTED.

Leavers.				Total.				Special Cases.		
Boys.	Girls.	Total.	Per Cent.	Boys.	Girls.	Total.	Per Cent.	Boys.	Girls.	Total.
972	866	1838	...	2233	2036	4269	...	119	172	291
965	858	1823	99.1	2191	2000	4191	98.1	...	...	...
7	8	15	0.8	42	36	78	1.8	...	...	...
943	855	1798	97.8	2155	1972	4127	96.6	...	...	...
29	11	40	2.1	78	64	142	3.3	...	...	...
937	647	1584	86.1	2112	1485	3597	84.2	...	...	...
26	207	233	12.6	98	526	624	14.6	...	3	3
9	12	21	1.1	23	25	48	1.1	...	3	3
892	799	1691	92.0	2069	1878	3947	92.4	...	...	...
68	57	125	6.8	142	135	277	6.4	2	2	4
12	10	22	1.1	24	23	47	1.1	...	2	2
43	89	132	7.1	72	119	191	4.4	...	...	...
879	739	1618	88.0	1934	1753	3687	86.3	...	...	...
42	34	76	4.1	204	145	349	8.1	...	...	...
8	4	12	0.6	23	19	42	0.9	...	1	1
819	729	1548	84.2	1819	1644	3463	81.1	...	...	...
6	4	10	0.5	21	8	29	0.6	1	...	1
50	68	118	6.4	110	118	228	5.3	2	2	4
65	52	117	6.3	182	151	333	7.8	4	4	8
31	17	48	2.6	59	32	91	2.1	1	4	5
14	2	16	0.8	55	40	95	2.2	4	6	10
12	9	21	1.1	34	21	55	1.2	2	4	6
948	841	1789	97.3	2194	1991	4185	98.0	...	...	...
10	11	21	1.1	20	24	44	1.0	3	6	9
7	6	13	0.7	10	7	17	0.3	...	2	2
5	4	9	0.4	8	6	14	0.3	1	2	3
2	4	6	0.3	5	8	13	0.3	1	1	2
952	856	1808	98.3	2206	2010	4216	98.7	...	...	...
3	2	5	0.2	5	5	10	0.2	1	...	1
2	1	3	0.1	3	3	6	0.1	1	...	1
2	2	4	0.1	4	9	13	0.3	1	5	6
6	4	10	0.5	9	8	17	0.3	...	2	2
9	2	11	0.5	9	2	11	0.2	1	...	1
363	317	680	36.9	646	625	1271	29.7	...	...	...
477	442	919	50.0	997	901	1898	44.4	...	1	1
132	107	239	13.0	585	501	1086	25.4	5	1	6
4	—	4	0.1	9	10	19	0.4	1	...	1

Condition.		Entrants.			
		Boys.	Girls.	Total.	Per Cent.
Heart and Circulation	No disease	1196	1116	2312	95.1
	Organic disease	34	28	62	2.5
	Functional disease	11	13	24	0.9
	Anæmia	20	13	33	1.3
Lungs	No disease	1216	1127	2343	96.3
	Chronic Bronchitis and Bronchial Catarrh	41	31	72	2.9
	Tuberculosis	3	8	11	0.45
	Tuberculosis suspected	0	3	3	0.1
	Other disease	1	1	2	0.08
Nervous System	No disease	1257	1166	2423	99.6
	Epilepsy	2	1	3	0.1
	Chorea	1	2	3	0.1
	Other disease	1	1	2	0.08
Skin	No disease	1230	1145	2375	97.6
	Ringworm ... Body	1	0	1	0.04
	Head	3	3	6	0.2
	Impetigo	2	0	2	0.08
	Scabies	2	2	4	0.16
	Other disease	23	20	43	1.7
Rickets	No disease	1244	1163	2407	99.0
	Rickets slight	9	5	14	0.5
	Rickets marked	8	2	10	0.4
Deformities	No disease	1238	1160	2398	98.6
	Deformities present	23	10	33	1.3
Tuberculosis Non-Pulmonary	No disease	1253	1166	2419	99.5
	Glandular	7	3	10	0.4
	Bones and Joints	1	1	2	0.08
	Other forms	0	0	0	0.00
Speech	No defect	1236	1159	2395	98.5
	Defective articulation	22	10	32	1.3
	Stammering	3	1	4	0.1
Mental Condition	Normal	1252	1167	2419	99.5
	Dull or Backward	9	2	11	0.4
	Mentally Defective	0	1	1	0.04
Infectious Diseases Other Conditions		1	1	2	0.08
		28	23	51	2.09

Leavers.				Total.				Special Cases.		
Boys.	Girls.	Total.	Per Cent.	Boys.	Girls.	Total.	Per Cent.	Boys.	Girls.	Total.
929	803	1732	94.2	2125	1919	4044	94.7	...	...	...
10	19	29	1.5	44	47	91	2.1	2	2	4
11	14	25	1.3	22	27	49	1.1	...	...	...
22	30	52	2.8	42	43	85	1.9	1	3	4
950	851	1801	97.9	2166	1978	4144	97.0	...	...	...
9	5	14	0.7	50	36	86	2.0	2	...	2
3	3	6	0.3	6	11	17	0.3	...	...	...
7	7	14	0.7	7	10	17	0.3	...	...	...
3	0	3	0.1	4	1	5	0.1	...	...	...
961	861	1822	99.1	2218	2027	4245	99.4	...	...	...
1	2	3	0.1	3	3	6	0.1	...	...	...
2	0	2	0.1	3	2	5	0.1	2	3	5
8	3	11	0.5	9	4	13	0.3	...	2	2
948	841	1789	97.3	2178	1986	4164	97.5	...	...	...
0	0	0	0.00	1	0	1	0.01	1	...	1
1	0	1	0.05	4	3	7	0.1	3	...	3
2	1	3	0.1	4	1	5	0.1	3	...	3
1	0	1	0.05	3	2	5	0.1	...	1	1
20	24	44	2.3	43	44	87	2.0	3	3	6
966	864	1830	99.5	2210	2027	4237	99.2	...	...	...
6	1	7	0.3	15	6	21	0.4	...	...	...
0	1	1	0.05	8	3	11	0.2	...	...	...
946	851	1797	97.7	2184	2011	4195	98.2	...	...	...
26	15	41	2.2	49	25	74	1.7	...	...	...
970	864	1834	99.7	2223	2030	4253	99.6	...	...	...
0	0	0	0.00	7	3	10	0.2	...	...	...
0	2	2	0.1	1	3	4	0.09	...	...	...
2	0	2	0.1	2	0	2	0.04	1	...	1
948	856	1804	98.1	2184	2015	4199	98.3	...	...	...
7	6	13	0.7	29	16	45	1.0	...	2	2
17	4	21	1.1	20	5	25	0.5	...	...	...
925	819	1744	94.8	2177	1986	4163	97.5	...	...	...
42	45	87	4.7	51	47	98	2.0	3	1	4
5	2	7	0.3	5	3	8	0.1	11	3	14
0	0	0	0.00	1	1	2	0.04	2	...	2
20	17	37	2.0	48	40	88	2.0	9	2	11

Condition.	Entrants.			
	Boys.	Girls.	Total.	Per Cent.
Vision—6/6 both	11	12	23	13.6
6/6 R	2	11	13	7.7
L	5	2	7	4.1
6/8 R	39	28	67	39.8
L	35	32	67	39.8
6/12 R	26	26	52	30.9
L	29	31	60	35.1
6/18 R	4	3	7	4.1
L	2	5	7	4.1
6/24 R	1	1	2	1.1
L	2	...	2	1.1
6/36 R	3	1	4	2.3
L	1	...	1	0.5
6/60 R ... ..	...	...	...	...
L	1	...	...	0.5
6/0 R ... ..	...	...	...	...
L ... ..	...	...	...	...
Squint	27	13	40	1.6
Hearing (Whisper)—				
20 feet each ear (normal hearing)...	1234	1138	2372	97.5
10 feet R	10	5	15	0.6
L	9	3	12	0.4
5 feet R	5	15	20	0.8
L	5	15	20	0.8

Leavers.				Total.				Special Cases.		
Boys.	Girls.	Total.	Per Cent.	Boys.	Girls.	Total.	Per Cent.	Boys.	Girls.	Total.
464	415	879	47.8	475	427	902	45.0	3	4	7
90	62	152	8.2	92	73	165	8.2	2	2	4
51	42	93	5.0	57	44	100	4.9	1	2	3
212	194	406	22.1	251	222	473	23.6	4	10	14
248	227	475	25.8	283	259	542	27.0	6	10	16
93	74	167	9.0	119	100	219	10.4	9	25	34
98	63	161	8.7	127	94	221	11.0	7	23	30
43	38	81	4.4	47	41	88	4.3	9	18	27
34	42	76	4.1	36	47	83	4.1	11	21	32
19	26	45	2.4	20	27	47	2.3	13	17	40
25	26	51	2.7	27	26	53	2.6	9	12	21
34	36	70	3.6	37	37	74	3.6	8	17	25
23	35	58	3.1	24	35	59	2.9	10	18	28
7	6	13	0.7	7	6	13	0.6	5	1	6
14	8	22	1.1	15	8	23	1.1	6	6	12
10	13	23	1.2	10	13	23	1.1	5	11	16
15	6	21	1.1	15	6	21	1.0	5	9	14
20	6	26	1.4	47	19	66	1.5	2	5	7
948	855	1803	97.0	2182	1993	4175	97.7	...	...	...
9	3	12	0.6	19	8	27	0.6	5	4	9
8	2	10	0.5	17	5	22	0.5	5	3	8
14	7	21	1.1	19	22	41	0.9	...	6	6
16	8	24	1.3	21	23	44	1.0	...	6	6

TABLE III.—NUMERICAL RETURN OF ALL EXCEPTIONAL CHILDREN
IN THE AREA.

			Boys.	Girls.	Total.	
Blind (including partially blind)	Attending Public Elementary Schools...	...	—	—	—	
	Attending Certified Schools for the Blind	...	—	2	2	
	Not at School	...	—	—	—	
Deaf and Dumb (including partially deaf)	Attending Public Elementary Schools...	...	—	—	—	
	Attending Certified Schools for the Deaf	...	6	3	9	
	Not at School	...	—	—	—	
Mentally Deficient	Feeble Minded	Attending Public Elementary Schools...	24	12	36	
		Attending Certified Schools for Mentally Defective Children...	—	—	—	
		Notified to the Local (Control) Authority during the year	4	—	4	
		Not at School	21	9	30	
	Imbeciles	At School ..	—	—	—	
		Not at School	—	3	3	
	Idiots	—	2	—	2	
	Epileptics	Attending Public Elementary Schools	...	4	1	5
		Attending Certified Schools for Epileptics	...	1	2	3
Not at School		...	3	1	4	
Physically Defective	Pulmonary Tuberculosis	Attending Public Elementary Schools	47	39	86	
		Attending Certified Schools for Physically Defective Children	—	—	—	
		Not at School	4	7	11	
	Other forms of Tuberculosis	Attending Public Elementary Schools	56	27	83	
		Attending Certified Schools for Physically Defective Children	—	—	—	
		Not at School	7	3	10	
	Cripples other than Tubercular	Attending Public Elementary Schools	7	3	10	
		Attending Certified Schools for Physically Defective Children	—	—	—	
		Not at School	—	—	—	

TABLE IV.—TREATMENT OF DEFECTS OF CHILDREN DURING 1915.

CONDITION.	No. of defects found for which Treatment was considered necessary.			No. of defects for which no report is available.	No. of defects treated.	Results of Treatment.			No. of defects not treated.	Percentage of defects treated.
	From previous year.	New.	Total.			Remedied	Improved.	Un-changed.		
Nutrition	—	9	9	6	2	—	2	—	1	22.2
Nose and Throat	172	256	428	98	138	119	10	9	192	32.2
External Eye Disease	4	16	20	5	13	11	—	2	2	65.0
Ear Disease	6	44	50	21	27	18	6	3	2	54.0
Teeth	12	15	27	7	7	7	—	—	13	25.9
Heart and Circulation	16	134	150	69	23	6	6	11	58	15.3
Lungs	8	40	48	22	16	1	11	4	10	33.3
Nervous System	2	12	14	6	2	1	—	1	6	14.2
Skin	1	15	16	4	12	11	1	—	—	75.0
Rickets	—	—	—	—	—	—	—	—	—	—
Deformities	—	9	9	4	3	—	2	1	2	33.3
Tuberculosis—Non-Pulmonary...	1	10	11	6	5	—	4	1	—	45.4
Speech	—	7	7	3	2	—	—	2	2	28.5
Mental Condition... ..	1	15	16	6	1	—	—	1	9	6.2
Vision and Squint	142	420	562	86	371	367	—	4	105	66.0
Hearing	12	18	30	6	12	7	4	1	12	40.0
Miscellaneous	7	38	45	16	21	17	3	1	8	46.6
Totals	384	1,058	1,442	365	655	565	49	41	422	

Cases of uncleanness are referred to the Inspection Clinic.

The above table includes a number of children who needed to be kept under observation, but whose defects not being acute or active were not in need of immediate treatment. To this extent the statement does not do full justice to the work carried out by the School Medical Officials.

FOLLOWING UP.

A register is kept in every School showing the name and address of each child needing treatment, and Head Teachers are asked to refer to this register and to use their influence in persuading the parents to procure treatment.

When it is found on subsequent re-examination that defects have been allowed to go untreated, the School Nurse visits the home and explains to the mother the necessity of seeking medical advice. If necessary cases are re-visited.

In addition the nurses visit the homes of children found to be verminous or neglected and give directions as to cleansing.

Visits are also paid in cases of Scabies, Measles, Whooping Cough, and other conditions occurring among school children.

TREATMENT.

The Council provides treatment at the clinics held at the Town Hall for school children suffering from (1) minor ailments such as sore eyes, running ears, ringworm, and simple skin diseases; (2) defective vision; (3) dental caries.

Many large general hospitals are easily reached from Leyton. Parents can thus obtain skilled advice and treatment for any condition arising among their children; in addition, chronic cases are received in the West Ham Infirmary.

SCHOOL CLINICS.

The Inspection and Minor Ailments Clinics are held every morning and are closely associated, children being transferred from one to the other as may be required. Records of attendances and treatment are entered on special cards.

During the year 614 boys and 530 girls were dealt with and they registered 4,197 attendances in the Inspection Clinic and 4,498 in the Treatment Clinic.

The following table shows the conditions dealt with :—

	Boys.	Girls.
Vermin of head or body ...	52	132
Eczema, impetigo, and sores	183	95
Ringworm	110	60
Other skin diseases	69	57
Ear diseases	29	32
External eye diseases ...	55	62
Lung diseases	38	20
Heart diseases	3	3
Throat diseases	18	19
Miscellaneous	57	50
	614	530

EYE CLINIC.

On his work in the Eye Clinic during the year Dr. Cummings writes as follows :—

I have the honour to present the Second Annual Report of the Ophthalmic Department.

During the past year there has been a greater interest taken in the work of the eye clinic by the parents than in 1914, although in a few cases children have not been allowed to complete the course. The increase of mixed astigmatism compared with 1914 has been very marked in the 436 cases tested by me. There were 12 cases of corneal ulcer, and its resulting condition of irregular astigmatism, 6 cases of marked amblyopia, and several cases of choroiditis, nystagmus, conjunctivitis, etc.

The following table shows number of each variety of defective vision :—

Long sight	34
Short sight	40
Long-sighted astigmatism	122

Short-sighted astigmatism	...	...	76
Mixed long and short-sighted astigmatism			82
Squint	...	...	50
Cases up for a second time	...	...	4
Cases in which no glasses were required			4
Cases which did not complete the course			93
Cases in which glasses were supplied	...		339

Cases, which are under treatment, but are not completed, and therefore are not included in the above table, number 54.

ARTHUR P. CUMMINGS.

DENTAL CLINIC.

The Dentist visits each school in turn and inspects the mouths of all children who are 6 years of age. The parents of those found suffering from dental caries are communicated with, and if they desire treatment at the clinic an appointment is made.

The condition of the teeth of children who attend the Dental Clinic is recorded on cards and a note made of the treatment carried out. The object of the Dentist is to render the mouth in a healthy condition, which is done by filling all the teeth which can be saved and only extracting those which are unsavable; in some cases dressings with silver nitrate are employed.

CONDITION FOUND AT INSPECTION.

No. of children (aged 6) inspected.	Percentage of children with			No. of children with permanent teeth decayed.
	Sound teeth.	1-3 temporary teeth decayed.	4 or more temporary teeth decayed.	
2443	12.9	32.0	54.9	267

CHILDREN TREATED AT SCHOOL CLINIC.

Number of Children.			
Inspected in School.	With Dental Caries.	Received Treatment.	Completed Treatment.
2443	2025	932	754

TREATMENT CARRIED OUT.

Fillings.	Extractions.	Dressings and Scalings.	Local Anæsthetics.
2397	1134	251	9

In addition to the above, in which only six year old children were dealt with, 79 children of different ages at the request of the parents or teachers received treatment at the clinic. The following work was carried out:—Fillings 39, extractions 71, dressings and scalings 10, local anæsthetics 9; attendances, 107.

The total number of children, both routine and other, treated at the clinic during the year, was 1,011.

TUBERCULOSIS.

School children whose condition suggests that they are possibly suffering from tuberculosis are referred by the School Medical Officer to the Tuberculosis Officer for his opinion. Those found to be affected with tuberculosis as a rule attend the dispensary for treatment; others whose condition cannot be determined at the first examination are kept under observation.

OTHER DEFECTIVE CHILDREN.

One blind child is maintained at the East London Home and School for Blind Children at Clapton.

One defective blind child is resident in the Hastings and St. Leonard's Home.

Seven children attend the Water Lane Deaf and Dumb Centre, West Ham, and two attend a similar centre at Gainsborough Road, Walthamstow.

Epileptic children.—One girl is resident at Chalfont St. Peter's, and another has been sent to St. Elizabeth's Home at Much Hadham, Herts.

VERMINOUS AND OTHER CONDITIONS DUE TO NEGLECT.

After the lapse of several weeks' exclusion from school, during which time they have been instructed and cautioned, the parents are summoned to attend before the various School Attendance Sub-Committees.

The parents of 99 children were thus dealt with and prosecutions instituted in 26 instances, as a result of which 4 fines of 10s. and 22 fines of 5s. each were inflicted.

EDUCATION (PROVISION OF MEALS) ACTS.

Previous arrangements by which necessitous children attending elementary schools receive their meals at coffee shops have been continued. Frequent visits are paid by members of the Canteen Committee and by officials of the Education Committee to ensure that the quality of the food and the management of the rooms are satisfactory. The following statement shows the marked diminution in the number of children requiring to be fed during the period 5th to 18th December, 1915, as compared with the similar period in 1914 :—

Period.	Breakfasts.		Dinners.		Total.		Average weekly No. of Children fed.	
	1915	1914	1915	1914	1915	1914	1915	1914
5th Dec. to 18th Dec.	238	1202	980	3366	1218	4568	90	312

LEYTON CHILDREN'S COUNTRY HOLIDAY FUND.

The beneficent work of this voluntary fund, which was started in 1913 by a committee of ladies and gentlemen resident in the district, has been somewhat curtailed by the war. Nevertheless, boys and girls have been sent to Canvey Island in different parties, and the work of the Committee has been justified by the improvement of the children's condition on return. Great care is taken to ensure that none but suitable cases are helped, and every child is certified by the medical officer before being sent away.