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Contributors

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BOROUGH OF ECCLES.

ANNUAL
REPORT

OF THE

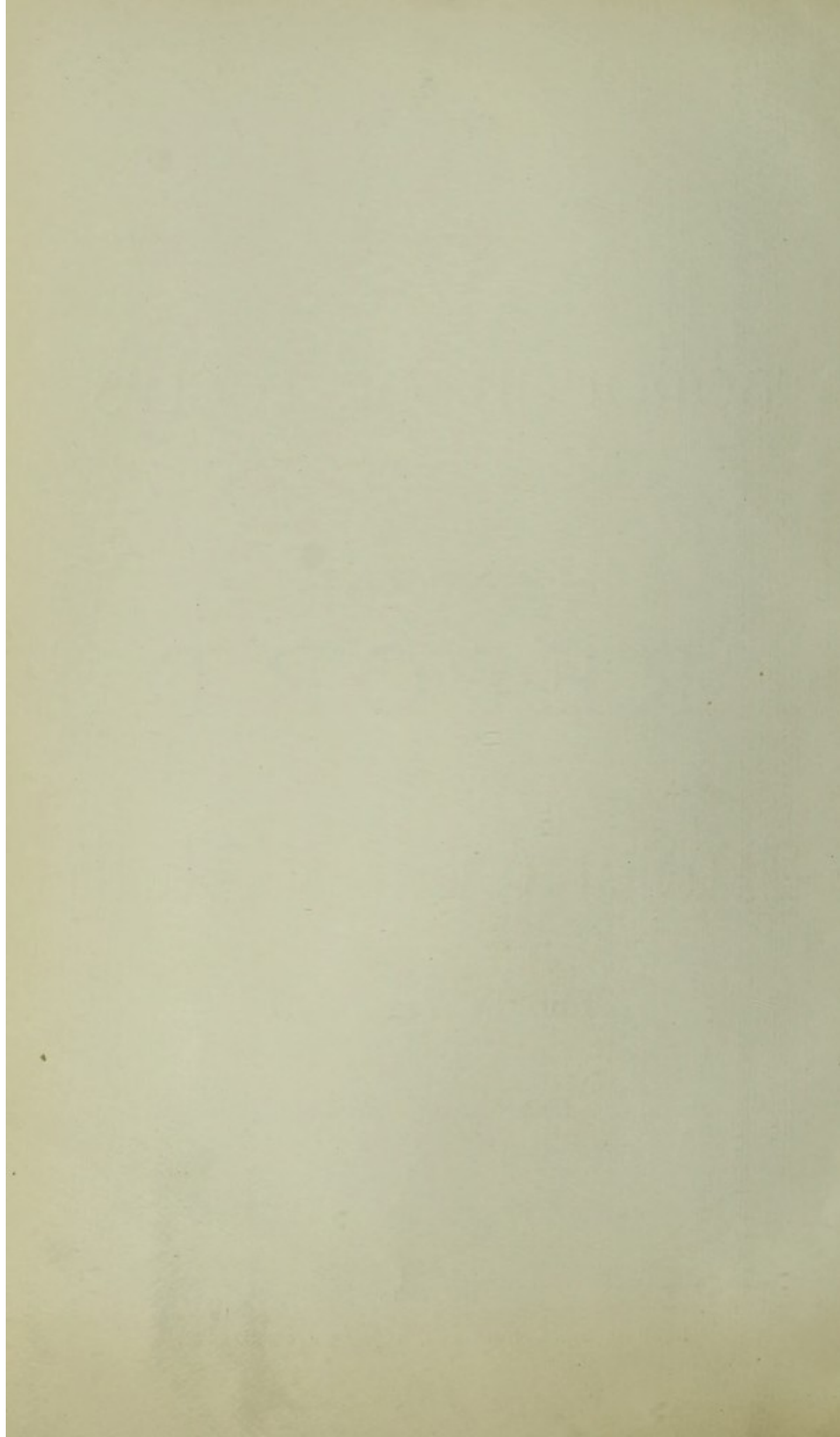
Medical Officer of Health

For the Year 1915.

Issued by Order of the Health Committee.

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HEALTH COMMITTEE.

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Year Ended, Decr. 31st, 1915.

Chairman—Councillor R. EVANS.

Vice-Chairman—Councillor E. HALLSWORTH.

THE MAYOR (Councillor F. W. OGDEN.

Alderman W. J. NUTTALL, J.P.

„ W. PEARSON.

„ T. THOMPSON, J.P.;

Councillor W. T. ALEXANDER, J.P.

„ E. BENTLEY.

„ J. HEATON.

Meetings of the Health Committee are held monthly on the second Monday following the Council Meeting, in the Town Hall.

HEALTH COMMISSION

THE HEALTH COMMISSION

OF THE DISTRICT OF COLUMBIA

REPORT OF THE COMMISSIONER OF HEALTH

FOR THE YEAR 1900

AND THE YEAR 1901

IN RESPONSE TO A RESOLUTION

PASSED BY THE BOARD OF HEALTH

ON JANUARY 10, 1901

AND A RESOLUTION

PASSED BY THE BOARD OF HEALTH

PASSED BY THE BOARD OF HEALTH ON JANUARY 10, 1901

AND A RESOLUTION PASSED BY THE BOARD OF HEALTH

Annual Report of the Medical Officer of Health.

1915.

SECTION I.

To the Chairman and Members of the Health Committee.

GENTLEMEN,

In presenting this Report I have to call attention to the fact that the population was estimated at 42,000, as some adjustment was necessary owing to the considerable number of men recruited from this Borough. The reduction—1300,—does not nearly represent the number of men so enlisted.

The death rate was extraordinarily high, and this, to some extent, may be accounted for by the fact that so many men of an age not usually liable to mortality have been removed for military service, leaving an undue proportion of very young and very elderly people, among whom the mortality is higher.

The birth-rate has further declined, but this was only to be expected.

The number of illegitimate births, 47 was 1·16 per cent higher than in the previous year.

The sanitary condition of the district continues to be good, and the Cleansing, Scavenging, and Sewage Disposal departments have been maintained in their usual state of efficiency.

There is an increasing demand for houses suitable for the Working Classes, and there are no indications of this demand being met—at any rate by private enterprise.

For the time being the South-East Eccles Scheme appears to be at a standstill owing to the war. No more houses have been closed because such action would have made the housing question much more acute.

Your Medical Officer of Health took up active duty with the R.A. M.C. early in November, and the Sanitary Inspector's Staff has been depleted by the enlistment of Mr. Knowles, Senior Assistant ; Mr. Hulse, Junior Assistant ; and Mr. Crabtree, Clerk. Mr. Hardman, Chief Clerk, enlisted on the outbreak of war, and is now a Staff-Sergeant in the R.A.M.C.

I am, Gentlemen,

Yours obediently,

GEORGE SIDLEY,

Acting Medical Officer of Health.

SECTION II.

STATISTICAL SUMMARY, 1915.

POPULATION estimated to the middle of the year, 1915	42,000
BIRTHS—Males, 453; Females, 423 (after allowing for inward and outward transfers)	876
ANNUAL RATE of BIRTHS per 1,000 of population ...	20·8
DEATHS Registered in the Borough — Males, 377; Females, 346	723
ANNUAL DEATH-RATE per 1,000 of the population, after deducting the Deaths belonging to out-districts, and adding Deaths of residents occurring outside district...	16·1
ZYMOTIC DEATH-RATE	2·3
INFANTILE MORTALITY (per 1,000 Births)	123
EXCESS of REGISTERED BIRTHS over DEATHS (corrected)	153
DENSITY.—The Mean Density of the Borough per acre is equal to	20·4
Persons per acre:—In BARTON WARD, 23·7; ECCLES WARD, 58·1; IRWELL WARD, 30·1; MONTON & PARK WARD, 12·5; PATRICROFT WARD, 41·2; WINTON WARD, 12·3.	
AREA :—The total Area of the Borough of Eccles ...	2,058
ACRES.	
RATEABLE VALUE for District Rate purposes	£190,651 5s.
NETT VALUE of a PENNY RATE	£707

ENGLAND AND WALES, 1915.

BIRTH RATE	21·8
DEATH RATE (corrected)	14·8
INFANTILE MORTALITY (per 1,000 Births)	110

SECTION III.

Vital Statistics.

ESTIMATED POPULATION.—The census returns taken in April 1911, show that the population at that date was 41,944.

Table shewing Acreage, Number of Houses, and Population of the various Wards at Census, and estimated at the end of June, 1915.

Ward.	Acreage.	Census 1911.						Estimated June 1915			
		Dwelling-houses.			Population.			Dwelling-houses.			Population
		Inhabi- ted.	Unin- habit'd	Total	Males	Fe- males.	Total.	Inhabi- ted.	Unin- habit'd	Total	
BARTON	382½	1949	85	2034	4319	4394	8713	2166	14	2180	8792
ECCLES	108½	1418	92	1510	2924	3165	6089	1497	16	1513	6112
IRWELL	182	1221	46	1267	2637	2737	5374	1255	19	1274	5330
MONTON and PARK	531	1458	135	1593	2723	3705	6428	1622	43	1665	6551
PATRICROFT ...	175½	1459	84	1543	3572	3652	7224	1534	9	1543	7037
WINTON	678½	1839	60	1899	3931	4185	8116	1858	41	1899	8178
TOTALS FOR THE BOROUGH	2058	9344	502	9846	20106	21838	41944	9932	*142	10074	42000

* Of this number 34 are "closed" houses.

For the purposes of this Report the population at June 30th, 1915, was estimated at 42,000...allowance having been made for the enlistment of men, and for the known addition to the population consequent upon the fact that in many instances, two families had joined in occupying one house.

BIRTHS.—The number of births registered in the Borough during the year was 869, as compared with 938 for 1914. Of these 449 were males, and 420 females. The Birth rate was equal to 20'6 per 1,000 of the population—1 per 1,000 less than in 1914.

There were 37 illegitimate births, being 4'25 per cent of the total registered.

The Registrar General has transferred to the Borough 12 births which occurred outside the Borough, and has deducted 5 occurring inside, but which belong to other districts.

The net result is a total of 876 births—453 males and 423 females—of which 38 were illegitimate.

DEATHS.—The number of deaths registered in the Borough was 723, of these 377 were males, and 346 females.

After deducting 103 deaths of persons whose residences were outside the Borough., and adding 58 residents whose deaths occurred outside, the net result is a total of 678.

The death-rate is thus equal to 16·1 per 1000, as compared with 13·09 for the previous year.

This is the highest death-rate recorded since 1901.

Table of Births and Deaths belonging to various Wards.

Ward.	Total Deaths.	Death rate per 1,000.	Uncor'd No. of Births.	Birth rate per 1,000.
BARTON	143	16·2	221	25·1
ECCLES	83	13·5	112	18·3
IRWELL	110	20·6	131	24·5
MONTON & PARK ...	75	11·4	82	12·5
PATRICROFT	127	18·0	144	20·4
WINTON	140	17·1	179	21·8
TOTALS for the BOROUGH	678	16·1	869	20·69

I append the following table showing the mortality rates of England and Wales, and in the 244 towns, in order that the figures relative to the Borough may be compared :

	Births.	Deaths.		Infantile Mortality.
		Crude.	Standardized.*	
England and Wales	21·8	15·1	14·8	110
96 Great Towns (including London)	22·8	15·6	15·9	117
148 Smaller Towns	21·6	14·0	14·2	114
England and Wales, less the 244 Towns ...	20·7	14·8	13·6	98
London	22·6	16·1	16·1	112

As before stated 103 deaths were of persons from outside districts. Most of these occurred in the Union Workhouse Hospital. The following indicates the localities to which they belong ;—

Stretford	44	Swinton & Pendlebury	17
Flixton	7	Walkden	7
Salford	4	Worsley	4
Urmston	3	Boothstown	2
Clifton	2	Irlam	2
Manchester	2	Barton Moss	1
Altrincham	1	Cadishead	1
Davyhulme	1	Didsbury	1
Lancaster	1	Malvern	1
Sale	1	Warrington	1

Fifty-eight deaths belonging to this Borough, and which occurred outside, were transferred from the following :—

Salford	19	Manchester	18
Prestwich	6	Swinton	4
Aldershot	1	Chapel-en-le-Frith	1
Coventry	1	Colwyn Bay	1
Dyserth	1	London	1
Macclesfield	1	Pendlebury	1
Preston	1	Stockport	1
Stretford	1		

The following table shows the Mortality according to age groups :—

Deaths under one year	107
do. 1 year and under 2 years	45
do. 2 years and under 5 years	40
do. 5 years and under 15 years	34
do. 15 years and under 25 years	30
do. 25 years and under 45 years	78
do. 45 years and under 65 years	167
do. over 65 years... ..	177

678

INFANTILE MORTALITY :—

The total number of deaths under one year belonging to the Borough was 107. This gives an infantile mortality rate of 123 per 1000 registered births, as compared with 105 for 1914.

This is the highest rate since 1906.

ZYMOTIC DEATH-RATE :—

The number of deaths due to the principal zymotic diseases was 96. Enteric Fever 6, Measles 39, Scarlet Fever 6, Whooping Cough 11, Diphtheria 8, Diarrhœa 26.

The Zymotic death-rate was equal to 2·3 per 1000 of the population, compared with ·99 for 1914, and is the highest recorded since 1901.

Deaths from Tuberculosis.—Sixty deaths were due to Phthisis—the highest number recorded since 1881. The death-rate due to this disease was 1·4 per 1,000 of the population, compared with 1·1 in 1914.

There were 13 deaths from other tubercular diseases, with a death-rate of ·31 per 1000, compared with ·2 in 1914.

The total death-rate due to Tuberculous disease was equal to 1·73 per 1000.

Acute Lung Diseases.—The deaths due to Pneumonia and Bronchitis totalled 131, giving a death rate of 3·1 per 1,000, as compared with 2·2 for 1914.

The total is the highest since 1891, and the rate has not been exceeded since 1897.

Cancer.—42 deaths were attributed to this disease, and the death-rate was equal to exactly one per 1000 of the population.

**Total Deaths & Death Rates from all causes. Children under
5 years of age. Zymotic and Pulmonary Diseases
For the Years 1876-1915.**

Year.	Total Deaths	Rate per 1000	Zymotic Diseases	Rate per 1000	Deaths under 5	Rate per cent.	Phthisis	Rate per 1000	Acute Chest Diseases	Rate per 1000.
1876	423	25.4	66	3.9	158	37.5	53	3.1	100	6.0
1877	440	22.7	89	4.6	175	40.0	46	2.3	84	4.3
1878	443	22.2	68	3.4	196	44.2	49	2.4	90	4.5
1879	396	19.2	28	1.3	177	43.8	60	2.9	116	5.6
1880	437	20.5	87	4.0	176	43.7	59	2.7	96	4.5
5 years average	427	22.0	67	3.4	176	41	53	2.6	97	4.9
1881	383	17.4	56	2.5	155	40.4	66	3.0	70	3.1
1882	434	19.0	59	2.5	190	49.0	46	2.0	113	4.9
1883	371	15.7	53	2.2	173	47.0	45	1.9	90	3.8
1884	399	16.4	83	3.4	181	45.0	41	1.6	87	3.5
1885	419	16.6	54	2.1	157	37.0	46	1.8	91	3.6
5 years average	401	17.0	61	2.5	171	43.6	48	2.0	90	3.7
1886	419	16.1	47	1.8	186	44.1	40	1.5	93	3.5
1887	475	17.8	90	3.3	219	42.6	41	1.5	127	4.7
1888	437	15.9	54	1.9	183	41.8	49	1.7	100	3.6
1889	465	16.4	79	2.7	213	45.8	49	1.7	93	3.2
1890	603	20.8	50	1.7	218	36.1	50	1.7	142	4.9
5 years average	479	17.4	64	2.2	203	42.0	45	1.6	111	3.9
1891	683	22.3	94	3.1	292	42.7	43	1.4	143	4.7
1892	554	18.1	35	1.1	205	37.0	50	1.6	93	3.0
1893	608	18.6	82	2.5	247	40.6	39	1.2	113	3.5
1894	443	13.0	49	1.4	183	41.3	47	1.4	74	2.3
1895	552	16.2	104	3.1	239	41.4	54	1.6	97	2.9
5 years average	568	17.6	72	2.2	233	40.6	45	1.4	104	3.2
1896	551	15.7	104	3.0	221	40.1	50	1.4	76	2.2
1897	580	16.7	94	2.7	248	42.7	56	1.6	115	3.3
1898	573	16.6	114	3.2	232	40.0	44	1.2	95	2.7
1899	600	16.7	127	3.5	215	35.8	46	1.2	98	2.7
1900	619	17.0	91	2.5	220	35.5	38	1.0	107	2.9
5 years average	585	16.5	86	3.0	227	38.8	47	1.3	98	2.7
1901	570	16.5	94	2.7	217	38.0	43	1.2	94	2.7
1902	553	15.8	79	2.2	182	32.9	29	.8	90	2.5
1903	527	14.8	59	1.6	181	34.3	33	.92	94	2.6
1904	542	14.8	63	1.7	211	38.9	39	1.0	87	2.3
1905	511	13.4	42	1.1	177	32.6	35	.92	95	2.5
5 years average	540	15.0	67	2.0	193	35.3	35	.96	92	2.5
1906	534	13.8	47	1.2	189	35.3	43	1.1	94	2.4
1907	585	15.0	59	1.5	193	30.3	39	1.0	115	2.9
1908	558	13.9	62	1.5	196	35.1	30	.75	117	2.9
1909	568	13.6	28	.67	158	27.9	46	1.1	111	2.6
1910	545	12.8	58	1.3	179	32.8	25	.58	96	2.2
5 years average	558	13.8	50	1.2	183	32.2	36	.90	106	2.6
1911	582	13.7	74	1.7	159	22.3	43	1.0	74	1.7
1912	580	13.6	69	1.6	164	28.2	53	1.2	104	2.4
1913	536	12.4	62	1.4	151	28.2	33	.76	101	2.3
1914	567	13.09	43	.99	148	26.1	47	1.1	92	2.2
1915	678	16.1	96	2.3	192	28.3	60	1.4	131	3.1
5 years average	588	13.7	68	1.6	163	26.6	47	1.1	100	2.3

Borough of Eccles.

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Vital Statistics of whole district during 1915, and previous years.

Year.	Population esti- mated to middle of each year.	BIRTHS.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Uncorrected Number.	Nett.		Number	Rate	of non-residents registered in the District.	of residents not registered in the District.	Under One 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	... 42500	963	.....	.....	586	13'7	80	39	117	121	545	12'8
1911	... 42200	940	935	22'1	605	14'3	81	58	108	115	582	13'7
1912	... 42500	964	952	22'4	620	14'5	83	43	93	98	580	13'6
1913	... 43000	973	971	22'5	577	13'4	94	53	87	89	536	12'4
1914	... 43300	936	938	21'6	605	13'7	84	46	99	105	567	13'0
1915	... 42000	869	449 M. 420 F.	20'6	723	17'2	103	58	107	123	357 M. 321 F.	16'1

Area of District in acres	2,058	} At Census, of 1911.
Total population at all ages	41,944	
Number of Inhabited Houses	9344	

The Union Workhouse is situate within the Borough.

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[illegible]

SECTION IV.
—O—
RECORD OF INFECTIOUS DISEASES.
—O—

The total number of cases notified during the year was 422 (exclusive of Measles and Whooping Cough cases) compared with 527 for the year 1914.

Diseases.	1906.		1907.		1908.		1909.		1910.		1911.		1912.		1913.		1914.		1915.	
	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.	Cases Notified.	Deaths.
SMALL-POX ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SCARLET FEVER ...	208	5	186	5	180	7	171	4	58	1	127	2	82	1	65	1	249	1	140	6
DIPHTHERIA ...	28	5	33	8	30	3	53	8	27	2	32	4	26	4	33	5	60	7	70	8
MEMBRANOUS CROUP ...	1	...	...	...	2	2	...	...	...	...	...	...	1	1	...	...	4	...	...	...
ENTERIC FEVER ...	22	4	13	3	13	4	22	4	180	21	12	3	14	4	9	2	8	3	16	6
PUERPERAL FEVER ...	1	...	1	...	...	...	2	...	2	1	3	1	2	2	5	2	3	...	1	...
MEASLES ...	...	3	...	5	...	18	...	1	...	13	...	7	...	29	...	11	13	...	...	39
WHOOPIING COUGH ...	...	...	...	24	...	15	...	2	...	13	...	1	...	26	...	4	73	9	...	11
DIARRHŒA and DYSENTERY ...	...	30	...	14	...	12	...	9	...	8	...	54	...	8	...	39	...	23	...	26
ERYSIPELAS ...	9	2	20	1	7	...	14	...	22	1	14	...	20	1	22	1	26	2	17	...
CONTINUED FEVER ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ACUTE POLIOMYELITIS ...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	2	...	...	...	1	...
CEREBRO SPINAL FEVER.	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	4	3
OPHTHALMIA NEOMATORUM	...	...	...	...	...	...	...	...	1	...	2	...	2	...	...	...	7	...	1	...
TUBERCULOSIS (ALL FORMS)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160	30	169	57	172	73
Total ...	269	49	254	60	231	62	262	28	290	60	190	72	151	77	298	95	613	113	422	172

Borough of Eccles.

Cases of Infectious Disease Notified during the year 1915.

Notifiable Disease.	Number of Cases Notified.							Total Cases Notified in each locality.							Total cases removed to Hospital.	Deaths in Hospital of Patients removed from this District.
	At all Ages	At Ages.—Years.						Barton Ward	Eccles Ward	Irwell Ward	Monton Ward	Patricroft Wd	Winton Ward			
		Under 1 Year.	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65							65 and upwards.		
Small-pox...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup) ...	70	1	15	44	8	2	..	..	14	17	9	6	13	11	...	44
Erysipelas...	17	1	1	2	3	5	4	1	3	2	1	1	6	4	...	1
Scarlet Fever ...	140	..	32	88	12	8	...	...	20	26	30	21	18	25	...	35
Typhus Fever ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	..
Enteric Fever ...	16	...	1	2	5	6	2	...	2	5	2	3	3	1	...	12
Relapsing Fever ...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	...	..
Continued Fever...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	...	..
Puerperal Fever ...	1	...	...	...	...	1	...	...	..	..	..	..	..	..	...	1
Cerebro-spinal Meningitis	4	1	1	1	...	1	...	...	1	1	...	1	2	...	...	3
Poliomyelitis ...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...
Ophthalmia Neonatorum.	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Pulmonary Tuberculosis ..	132	...	9	49	24	32	15	3	35	15	26	9	18	29	...	...
Other forms of Do.	40	3	11	17	8	1	...	6	8	1	4	4	11	10	...	...
Totals ...	422	7	71	203	60	56	21	4	82	75	69	45	71	80	...	96

Isolation Hospital—Ladywell Sanatorium, Salford. Drinkwater Park, Salford, 6 beds for Small-pox.

Monthly Return of Notification of Infectious Diseases.

1914	Scarlet Fever	Diphtheria & Membranous Croup	Enteric Fever	Puerperal Fever	Erysipelas	Ophthalmia Neonatorum	Acute Poliomyelitis.	Tuberculosis (All Forms)	Cerebro Spinal Fever	Totals.
January ...	26	4	1	...	2	1	...	14	...	48
February...	14	4	1	1	...	...	1	18	1	40
March ...	16	1	1	...	1	...	...	13	1	33
April ...	16	2	2	...	3	...	...	13	...	36
May ...	9	6	2	...	2	...	...	14	1	34
June ...	10	10	...	...	1	...	...	17	...	38
July ...	7	5	1	...	...	...	...	12	...	25
August ...	4	10	1	...	1	...	...	9	...	25
September.	12	6	2	...	1	...	...	15	...	36
October ..	10	4	1	...	3	...	...	20	...	38
November .	...	7	3	...	2	...	...	12	1	25
December .	16	11	1	...	1	...	...	15	...	44
Totals ...	140	70	16	1	17	1	1	172	4	422

Distribution of Infectious Diseases into Wards.

Diseases.	BARTON		ECCLES		IRWELL.		MONTON and PARK		PATRI-CROFT		WINTON.		Total.	
	Total Notified	Total Deaths.	Total Notified.	Total Deaths.	Total Notified	Total Deaths.	Total Notified.	Total Deaths.	Total Notified.	Total Deaths.	Total Notified.	Total Deaths.	Cases Notified	Deaths
SMALL-POX ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SCARLET FEVER ...	20	2	26	2	30	...	21	...	18	2	25	...	140	6
DIPHTHERIA and MEMBRANOUS CROUP...	14	2	17	1	9	...	6	2	13	2	11	1	70	8
ENTERIC FEVER ...	2	2	5	1	2	...	3	1	3	1	1	1	16	6
PUERPERAL FEVER	...	...	1	...	...	...	...	...	...	...	...	...	1	...
MEASLES ..	...	11	...	4	...	6	...	1	...	7	...	10	...	39
WHOOPING COUGH	...	3	...	...	...	3	...	...	...	4	...	1	...	11
DIARRHŒA and } DYSENTERY. }	...	10	...	2	...	6	...	...	...	5	...	3	...	26
ERYSIPELAS ...	3	...	2	...	1	...	1	...	6	...	4	1	17	...
ACUTE POLIOMYELITIS ...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
CONTINUED FEVER	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TUBERCULOSIS (Pulmonary)	35	9	16	5	26	21	9	5	18	8	28	12	132	60
TUBERCULOSIS (other than Pulmonary)	6	1	8	1	1	2	7	2	8	3	10	4	40	13
CEREBRO SPINAL FEVER...	1	...	...	...	...	...	1	1	2	1	...	1*	4	3
OPHTHALMIA NEONATORUM	...	...	1	...	...	...	...	...	...	...	...	...	1	...
TOTAL ...	82	40	76	16	69	38	48	12	68	33	79	33	422	172

*Death transferred from Aldershot.

HOSPITAL CASES OF ISOLATION OF INFECTIOUS DISEASES.—There were removed to the Ladywell Sanatorium 96 cases of infectious disease, being 38·5 per cent of the total number of cases of those diseases usually isolated.

The number of cases notified and thus removed were as follows :—

Scarlet Fever—cases notified	140,	removed	35,	per centage	25·0
Diphtheria	do. 70,	do.	44,	do.	62·8
Enteric fever	do. 16,	do.	12,	do.	75·0
Puerperal fever	do. 1,	do.	1,	do.	100·0
Erysipelas	do. 17,	do.	1,	do.	5·8
Acute Poliomyelitis	do. 1,	do.	—	do.	—
Cerebro Spinal Fever	do. 4,	do.	3,	do.	75·0

In 1914, the per centage of removals to cases notified was 30·7.

SECTION V.

Tuberculosis.

During the year 172 new cases of Tuberculosis were notified—132 Pulmonary, and 40 of other forms of tuberculosis.

This number is three more than that for the previous year, and the excess is in cases of Phthisis.

The following are figures relative to the period during which compulsory notification has been required in all cases of tuberculous disease:

Cases Notified.	1913*	1914.	1915.
Phthisis	105	129	132
Other Forms	55	40	40
Total	160	169	172

*From February 1st, 1913.

The number of notifications received during the year was 242—

154 on Form A.
 23 „ „ B.
 44 „ „ C.
 21 „ „ D.

242

Form A is used in notifying cases by Medical Practitioners in private practice, and by Hospital Authorities.

Form B is that used by the School Medical Officer.

Form C is used to notify admission of cases to Sanatoria and Union Hospitals.

Form D is used to notify discharge of cases from such institutions.

PHTHISIS.—The 132 cases notified were resident as under :—

120 in private dwelling houses.

- 4 in St. Josephs Home, Winton.
- 3 in dwelling-houses and shops.
- 3 in common lodging houses.
- 1 in a public house.
- 1 in a local Red Cross Hospital.

The following table indicates the amount of bedroom accommodation and number of inmates in respect of 124 cases in dwelling houses and shops :—

No. in family.	Bedrooms.					Total.
	2	3	4	5	6	
1	1	.....	.....	.....	.....	1
2	2	2	.....	.....	.....	4
3	6	8	.....	1	.....	15
4	10	8	1	1	1	21
5	9	8	1	1	.....	19
6	14	9	.....	1	.....	24
7	6	7	1	.....	.....	14
8	8	3	1	.....	.....	12
9	5	1	.....	.....	.....	6
10	1	3	1	.....	.....	5
11	1	.....	.....	.....	.....	1
12	.....	2	.....	.....	.....	2
Total.....	63	51	5	4	1	124

From the foregoing table it will be seen how extremely difficult it is to adequately deal with many of the cases.

In 35 instances, families in which there was a case, and numbering from 6 to 11 members, were in occupation of houses with only two bedrooms.

The incidence of the disease and mortality in Wards was as follows :—

Ward.			Cases.	Death.
Barton	...	...	35	5
Eccles	...	...	15	4
Irwell	...	...	26	12
Monton	...	...	9	3
Patricroft	...	...	18	4
Winton	...	...	29	6
Total	...	...	132	*34

*The deaths referred to are those which have occurred among the cases notified during the year, and the case mortality was thus equal to 25·7 per cent.

The age and sex incidence of the cases was as follows :—

Age in Years.	Males.	Females.
1 to 5	6	3
5 „ 10	15	10
10 „ 15	17	7
15 „ 25	13	11
25 „ 45	11	21
45 „ 65	10	5
65 and upwards	3	—
Total ...	75	57

OCCUPATIONS OF PERSONS SUFFERING FROM PHTHISIS.

Scholars ...	...	50
Housewives ...	...	17
Textile Trades...	...	15
Labourers ...	...	10
No occupation ...	...	9
Building and Transport Trades	...	8
Engineering and Metal Trades	...	7
Domestic Servants	...	4
Clerical ...	...	4
Clothing Trades	...	3
Food, Service, and Shops, &c.	...	1
Miscellaneous ...	...	4
		132

It is very gratifying to be able to report that the County Authority is now dealing with the Sanatorium treatment of cases of uninsured persons suffering from this disease. An allowance of 30/- per week is made by that Authority in such cases, but as the charges made at the Sanatoria available are £2/2/-, the grant has been supplemented in most cases by your Committee.

The supplies of milk granted by your Committee have been very

considerably reduced as it was thought better to use the money towards the cost of maintenance in Sanatoria.

Cases of un-insured persons so treated were :—

A.L.	Female,	aged 12.	Three months at Delamere.
E.S.	"	" 25.	Six " "
B.W.	"	" 9.	Three " "
A.T.	"	" 33.	" " Kennington
A.K.	"	" 38.	" " "
*J.H.	Male	" 11.	Bowdon.

*The last mentioned case, however, only stayed in the Sanatorium a few days, as he could not settle down away from home.

In addition to these, arrangements were made for the admission of others, of whom four entered Bowdon Sanatorium early in this year (1916).

There is, unfortunately, still some difficulty in finding accommodation—especially for children, and we now have cases which have been waiting a considerable time for Sanatorium treatment.

The County Authority has supplied shelters for use in cases where there is sufficient space, and three are in regular use in this Borough.

Your Committee continues to supply Izal, spitting pots, and paper handkerchiefs, to all cases of Phthisis, and the Sanitary Inspector makes arrangements for the systematic spraying of the rooms used by such cases.

Tuberculosis (other forms).

There have been 40 cases notified during the year.—They were notified from the following Wards :—

		Notified.	Died.
Barton	...	6	—
Eccles	...	8	—
Irwell	...	1	1
Monton	...	7	2
Patricroft	...	8	2
Winton	...	10	2
		—	—
		40	7*

*These deaths were of the cases notified during the year, and give a case mortality of 17·5 per cent.

The age and sex incidence of the cases was :—

			Males.	Females.
Under 1 year	...	...	3	1
1 to 5 years	...	...	6	5
5 — 10 „	...	...	9	3
10 — 15 „	...	...	3	2
15 — 25 „	...	...	4	3
25 — 45 „	...	...	1	...
			—	—
			26	14

The localisation of the disease in the cases notified was :—

Neck Glands ... 14	Meningitis ... 6
Hip ... 4	Peritoneum ... 3
Bowels ... 3	Abdomen ... 2
Knee ... 2	Neck ... 1
Larynx ... 1	Forearm ... 1
Finger ... 1	Mesenteric Glands 1
Epididymis ... 1	

The number of cases of Phthisis notified, and subsequently reported cured, during the year was eight.

Four cases of Phthisis and one of other forms of Tuberculosis left the district.

Five deaths from Phthisis, and four from other forms of Tuberculosis, were of cases which had not been previously notified.

SECTION VI.

School Diseases.

MEASLES.

Measles was prevalent during a considerable portion of the year, and was particularly bad during June and July. The number of cases notified from the schools was 367.

It was thought advisable to close certain schools on account of this disease, and Infants' Departments as under were closed for periods varying from five to twenty-one days. :—

Holy Cross (twice)	Christ Church
Beech Street Council (twice)	Monton Memorial (twice)
St. Paul's	Lewis Street Council (twice)
St. Michael's	Godfrey Ermen Memorial (twice)
Eccles Parish Church (twice)	Clarendon Road Council.
St. Mary's	All Saints'
St. Mark's	St. Andrew's

In one instance exclusion of scholars who had not then had measles was required.

As before stated there were 39 deaths due to this disease.

WHOOPING COUGH.

Seventy-eight cases were notified from schools. The disease was most prevalent during January and February, and 11 deaths were certified.

CHICKEN-POX.

There were 61 notified cases ; in these, the notifications were received from the schools.

SECTION VII.

Infantile Mortality.

Unfortunately the rate—123 per 1,000 registered births—shows a considerable increase as compared with recent years. Not since the year 1906 has this rate been exceeded.

The figures for the years since then are :—

1907	...	119	per 1,000 registered births.
1908	...	119	" " "
1909	...	110	" " "
1910	...	121	" " "
1911	...	115	" " "
1912	...	98	" " "
1913	...	89	" " "
1914	...	105	" " "

The increased rate is undoubtedly due to the prevalence of measles and whooping cough, as these diseases alone accounted for 18 deaths.

Premature birth, congenital malformations, atrophy, debility and marasmus caused 28 deaths.

Pneumonia and bronchitis—most probably largely associated with measles—accounted for 23 deaths.

Diarrhœa, fortunately was not very prevalent.

From the Report of the Ladies' Health Society we learn that upwards of 15,000 visits to babies were made by the two Health Visitors. An important step in the inauguration of a "Babies' Welcome Club" was taken in January. The meetings are held every Wednesday, and there has been an average weekly attendance of thirty.

At 4 o'clock the mothers are supplied with tea or cocoa, bread and butter ; for these they pay 1d.

Since April, Dr. Charnock has visited the Club on alternate Wednesdays. On these visits the infants are weighed and afterwards examined by the doctor. When the Club was first opened a profess

ional nurse (Nurse Bennett) regularly attended ; she instructed the mothers on the rearing of infants, and advised them on matters relating to their own health. Owing to Nurse Bennett accepting a post in London, she had to resign last May ; since that time the Committee have been unable to obtain a suitable nurse permanently. The doctor sees all new babies the first and second time after admission, and subsequently only if losing weight or ailing in any way. Each mother is provided with a card which records the weight of her baby, and gives instruction on how to feed it.

Upon a new baby being admitted, enquiries are made as to the manner in which it is fed. When recommended by the doctor "Glaxo" is sold to the mothers at a cheap rate, and in cases of distress or poverty is provided free. In this manner 1,200 tins have been disposed of. When "Glaxo" does not suit an infant malted food is provided as an alternative."

Much other good work is being carried on by this Society, and it is hoped that they will not be discouraged by the fact that this year there has been an increase in mortality among the infants.

BOROUGH OF ECCLES.

Infant Mortality during the Year 1915.

Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSES OF DEATH.				Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under 1 year.
All causes	{	Certified ...	...	14	2	7	9	32	17	14	24	20	107
		Uncertified ...	...										
Small-pox	...	...	...										
Chicken-pox	...	...	...										
Measles	...	...	...								4	8	12
Scarlet Fever	...	...	...										
Whooping-cough	...	...	...							1	2	3	6
Diphtheria and Croup	...	...	...			1		1					1
Erysipelas	...	...	...										
Tuberculous Meningitis	...	...	...							1			1
Abdominal Tuberculosis	...	...	...							1	1		2
Other Tuberculous Diseases	...	...	...										
Meningitis (<i>not Tuberculous</i>)	...	...	...									1	1
Convulsions	...	...	...	1	1	1	1	4	3		3		10
Laryngitis	...	...	...										
Bronchitis	...	...	...			2	1	3	2	2	2	2	11
Pneumonia (all forms)	...	...	...						3	3	2	4	12
Diarrhœa	...	...	...							2	4	1	7
Enteritis	...	...	...				1	1	2	1	4		8
Gastritis	...	...	...										
Syphilis	...	...	...										
Rickets	...	...	...										
Suffocation, overlying	...	...	...										
Injury at birth	...	...	...	1				1					1
Atelectasis	...	...	...										
Congenital Malformations	...	...	...	2			3	5	1				6
Premature birth	...	...	...	10	1	1	2	14	2				16
Atrophy, Debility and Marasmus	...	...	...			1		1	4	1			6
Other causes	...	...	...			1	1	2		1	2		5
Choked by Potatoe	...	...	...									1	1
Cerebro. S. Fever	...	...	...							1			1
Totals	..			14	2	7	9	32	17	14	24	20	107

Nett Births in year { Legitimate, 834
 Illegitimate, 35

Nett Deaths in year { Legitimate, 94
 Illegitimate, 13

SECTION VIII.

The following Bacteriological Examinations were made at the Public Health Laboratory, Manchester, in connection with cases in the Borough of Eccles, during the year ended, December 31st, 1915.

Month.	Diphtheria.		Enteric Fever.		Human Tuberculosis		Milk.		Various.
	Total.	+	Total.	+	Total.	+	Total.	+	
January ...	8	3	—	—	8	2			
February ...	4	3	2	—	7	3			
March ...	1	—	1	1	5	1			Cerebro. S.F. Naso-phar. Swabs, 7. All Negative—Diph. bacilli found in two.
April ...	3	1	1	1	4	1			
May...	5	—	4	—	6	1			Blood 1. Paratyphoid.
June...	6	3	—	—	6	2			
July ...	9	3	1	1	2	—			Cerebro Spinal Fever—Spinal fluid. Negative
August ...	6	2	2	—	3	1			
September ...	6	2	3	—	4	1			
October ...	7	3	1	1	10	4			
November ...	10	3	5	2	8	2	8	—	Enteric Fever. Faeces for B. Typhosus. 2 specimens, 1 positive.
December ...	30	7	3	—	4	—			do. 1 specimen—positive.
Totals	95	30	23	6	67	18	8	—	

SECTION IX.

The Borough Surveyor reports that 38 streets and passages, totalling 1962½ lineal yards, were passed during the year.

Eight sewers were taken up and relaid.

The number of new houses certified during the year was 19 :—

Barton Ward 8. Winton Ward 9. Monton Ward 2.

SECTION X.

Sale of Food and Drugs Acts.

*Return of Samples purchased in the Borough
of Eccles, for the 12 months ended
December 31st, 1915.

Number purchased.	Name of Sample.	Prosecutions.
29	Butter	Nil.
7	Lard	"
61	Milk	"
2	Coffee	"
1	Vinegar	"
2	Ground Ginger	"
2	Tartaric Acid	"
1	Ammonium Carbonate...	"
1	Purified Borax	"
1	Potassium Bromide	"
1	Sodium Bicarbonate	"
1	Sodium Potassium Tartrate	"
1	Salts of Tartar	"
3	White Pepper	"
1	Black Pepper	"
1	Cocoa	"
2	Potted Meat	"
2	Margarine	"
3	Cheese	"
122 total		

*Kindly furnished by Superintendent Keys.

BOROUGH OF ECCLES.

**Report of the
Chief Sanitary Inspector,
Year Ended December 31st, 1915.**

BOROUGH OF BOOLE

Report of the

Chief Sanitary Inspector

Year ended December 31st, 1915.

SECTION XI.

Report of the Chief Sanitary Inspector.

To the Chairman and Members of the Health Committee.

GENTLEMEN,

I beg to submit my Report of the work done by the staff during the year ended December 31st, 1915.

In accordance with your instructions I am furnishing merely a brief statement of the result of the year's operations.

Messrs. Knowles, Hulse, and Crabtree joined the Army in December, and opportunity was taken in the interval between their attestation under the "Derby Scheme" and so joining, of completing as far as possible, the records of the Department, and of making up the results of the work under the Housing, &c., Act, with a view in the latter instance, to sending out particulars of works necessary for the improvement of many properties.

Unfortunately very little repair work has been possible owing to the difficulty of finding labour and to the high cost of materials.

We entered our new offices early in January, and are now working under excellent conditions.

I am, Gentlemen,

Your obedient servant,

C. W. LASKEY.

Housing of the Working Classes Act, 1900.

The scheme for dealing with what is known as the "South-East Eccles Area" has been practically "hung up" owing to the continuance of the war. Nine "closed" houses were demolished owing to their dangerous condition.

Housing and Town Planning Act, 1909.

There were 435 new Inspections of Houses during the year, making a grand total of 1993 since the commencement of the work in 1911. In every instance some defect was noted, and particulars of works required to make the houses "reasonably fit for human habitation" have been extracted and forwarded to the owners.

The position with respect to the 1993 houses inspected is as follows :—

27	houses	found to be in perfect order.
200	„	have been deferred for future treatment.
580	„	have not been repaired, or the repairs have not been completed.
65	„	have been demolished.
20	„	are permanently closed as dwellings.
1101	„	have been put in good repair.

Closing Orders were made during the year in the following instances :—

1.	94-100 Peel Green Road	...	...	3 houses.
2.	1, Back Barlow's Buildings	...	...	1 „
3.	30, Aldred Street	...	...	1 „
4.	23-27, Aldred Street	...	...	3 „
5.	3-11, Nelson Street	...	...	5 „
6.	27-33, Pym Street	...	...	4 „
7.	63-71 Worsley Road	...	...	5 „
8.	1 and 2, Bowkers' Buildings	...	...	2 „
9.	8, Philip Street...	...	...	1 „

Total 25

Of the above, in cases Nos. 1 and 9, nothing has been done to remedy the conditions.

No. 2 has been added to an adjoining house to make one "through" house.

No. 3 has been demolished and the site has been added to existing yard space.

Nos. 4, 5, 6, 7, and 8 have been thoroughly repaired and the Closing Orders have been determined.

At No. 25, Pym Street, the obstructive dwelling-house "closed" in the previous year has been demolished, and this work forms part of the improvement effected at the Nelson Street and Pym Street property.

Similarly No. 2, River View was demolished and the site was added to No. 507, Barton Lane.

Particulars of Notices served under this Act are as follows :

Notices of Intention to view premises	...	46
„ to Execute Works. Sec. 15 (3)	...	5
Representations. Sec. 17 (2)	... ..	21
Closing Orders. Sec. 17 (2)	... ..	25
Notices of Closing Orders being operative		
Sec. 17 (4)	... ..	23
„ Determining Closing Orders. Sec. 17 (6)		9
„ Of time and place for considering		
Demolition. Sec. 18 (1)	...	2
„ Of Demolition. Sec. 18 (2)	... ..	2

In two instances application had to be made for the recovery of premises under the Small Tenements Recovery Act, and Orders were granted.

In one case illegal occupation of a cellar as a sleeping apartment was found. This was promptly stopped.

The character and number of the defects noted, and reported to owners in respect of the 435 newly-inspected houses, were as follows :—

CHARACTER AND NUMBER OF DEFECTS FOUND.

	1915	1914	1913	1912
Windows not made to open sufficiently ...	291	1163	145	487
Want of cleansing and limewashing of walls and ceilings	380	547	107	170
Defective floors and pavements ...	438	901	237	378
Defective plastering of walls and ceilings ...	198	351	111	174
Defective roofs	145	247	107	103
Defective paving of yards and passages ...	205	416	151	52
Defective brickwork of houses, closets, &c. ...	68	234	59	190
Defective eaves gutters	95	87	38	55
Want of sash cords	155	126	11	15
Rain water pipes connected directly to drains	53	118	13	23
Defective slopstones	43	170	31	82
Defective ashbin places	—	7	8	3
Defective window frames	49	71	114	6
Dampness in house premises	189	494	153	118
Defective gullies	—	34	22	27
Defective slopstone waste pipes	39	63	26	29
Defective rain water pipes	37	70	29	19
Defective and choked drains	3	43	16	14
Various defects in water closets	68	173	62	49
Defective brickwork around waste pipes ...	22	64	15	42
Defective ashbins	22	36	12	19
Defective W.C. accommodation	5	—	3	6
Want of ventilation in dwelling-houses ...	154	164	25	20
Want of light in dwelling-houses	62	78	31	24
Defective privy pits	—	—	—	2
Want of eaves gutters and rain water pipes ...	2	9	7	3
Defective stairs	10	43	15	32
Want of slopstones	2	—	—	1
Defective slopwater closets	—	19	22	—
Want of window sills	44	68	83	—
Houses require pointing... ..	106	54	126	—
Defective brickwork of boiler	120	140	—	—
Dirty dwelling-houses	1	7	—	—
Accumulations of rubbish, &c.	—	8	—	—
Slopstone wastepipe connected to drain ...	—	—	1	—
Very small rooms	4	17	13	—
Obstructive buildings	3	—	—	—
Back to back houses	2	—	—	—
Verminous houses	2	—	—	—
Miscellaneous causes	395	601	258	138
Total	3412			

These are *additional* to those matters which have been discovered and dealt with under the Public Health Act, and which are included towards the end of this Report.

There is undoubtedly a serious shortage of housing accommodation, and this will probably constitute one of the most serious problems to be considered and dealt with by your Committee in the near future.

PRIVY CONVERSIONS.—Six privies were converted to fresh water closets, or were abolished. There are thus only 14 still to be dealt with, and of these five cannot be converted owing to the want of sewers in their vicinity.

PAIL CLOSETS.—There are eighteen still in use at a works where it is at present impossible to provide water closets owing to the want of a sewer low enough for the purpose of draining them.

EARTH CLOSETS.—For the same reason there are eight cottages where “Moules” earth closets are installed.

LATRINES—One range of latrine closets at an engineering works was substituted by separate w.c.’s.

SLOP-WATER CLOSETS.—Six were substituted by fresh-water closets.

The total amount of money paid by the Corporation towards the cost of conversion of privies, &c., now amounts to £4,653 15s. od., of which sum £247 10s. od. has been paid in respect of conversions of slop-water and trough closets.

The situation of the privies and ashpits still remaining is as follows :

WARD.	Privies	Ashpits
BARTON	9	6
ECCLES	—	1
IRWELL... ..	2	2
MONTON... ..	3	15
Totals	14	24

In Patricroft and Winton Wards every house is now provided with water closet and ashbin.

Streets.						No. of privies.	No. of houses served.
Abbey Grove	...	...	...	...	...	1	1
Brackley Road	..	...	...	...	...	1	1
Enfield Street	...	...	...	...	...	3	6
Irwell Avenue	...	...	...	...	...	1	1
Irwell Park	...	...	...	...	...	1	2
Liverpool Road	..	...	...	...	...	6	8
Monton Green	..	...	..	...	...	1	1
Totals	...	...	...	...	...	14	20

HOUSE REFUSE STORAGE.—In addition to the 24 ashpits, there are 10,235 ashbins in use. These were cleansed weekly, until towards the end of the year, when, owing to the enlistment of employes and to others leaving for other employment, it became impossible to keep the Cleansing Department at full strength.

In 276 instances defective ashbins were reported. These were, for the most part, renewed by the Corporation at the cost of the owners.

HOUSE DRAINAGE.—In only 14 instances was it found necessary to re-construct house drains. In 174 cases repairs consequent upon stoppages were necessary, and there were 233 applications of "tests" to drains.

WATER SUPPLY.—Manchester Corporation water is supplied to every house in the Borough, and with the exception of occasional discolouration apparently due to the disturbance of mains, the supply is excellent. One hundred and thirty-six reports relative to waste of water were sent to the Manchester Waterworks Department.

DISTRICT INSPECTION.—There were 1169 inspections of dwelling houses, and 1966 inspections of back yards, in addition to 276 inspections of stables and pig-keeping establishments. The number of items constituting nuisances discovered was 1724. In 47 houses general

beautifying was required ; there were 35 cases of dirty houses and yards due to tenants neglect, and 28 cases of overcrowding. It is very difficult to deal with this latter nuisance owing to the general shortage of houses.

SMOKE OBSERVATIONS.—There were 40 timed observations of mill and works chimneys, and 14 cases of excessive emission of black smoke were recorded. The aggregate amount of black smoke varied in these cases from $4\frac{1}{2}$ to $10\frac{1}{2}$ minutes per hour.

Proceedings were instituted in five instances—four for non-compliance with “orders” to abate, and one for non-compliance with a notice. At one works additional boiler accommodation has been provided, and the nuisance has been abated thereby. In another case new superheaters were installed and considerable improvement has resulted.

EFFLUVIUM NUISANCES.—Many complaints were made, and two memorials under Sec. 14 P.H. Act, 1875 were presented in respect of the nuisance caused by the establishment of two plants for making Sulphur Brown Dye.

Proceedings were taken in the case of one works where the process was being carried on in an extensive manner, but, before the hearing, a private suit was commenced in the Chancery Court, where an injunction was granted. These works were subsequently closed.

In the other case where the manufacture was established to supply the firm's own requirements some improvements were effected, and these have resulted in the nuisance being minimised.

NOTICES.—The greater number of nuisances and other matters are dealt with by letters, but it has been found necessary to serve Statutory Notices in some cases. Particulars are as follows :

Preliminary Notices (nuisances)	...	...	24
Statutory Notices	...	...	162
“ “ Sec. 36 P.H.A. 1875	...	...	74
“ “ “ 41 “ “	...	...	1
“ “ “ 46 “ “	...	...	29
“ “ “ 5 Inf. D.P. Act, 1890	...	...	17
“ “ “ 95 Eccles Corp. Act, 1901	...	...	2
“ “ “ 98 “ “ 1901	...	...	1
“ “ “ 2 (3) Factory Act, 1901	...	...	1

INFECTIOUS DISEASES.—281 visits of inquiry, etc. were made, and the information obtained has been filed for reference. In all cases of

Diphtheria and Enteric Fever, the sanitary arrangements of the invaded houses were tested by means of the " smoke test " machine.

The usual routine notifications requiring exclusion of scholars, and subsequently authorising their re-admission to school, together with the usual intimation to the Libraries has in every instance been promptly made.

TUBERCULOSIS.—534 visits and re-visits were paid in respect of cases of Tubercular diseases. The number of newly notified cases was 172.

Three shelters supplied by the Lancashire County Tuberculosis Committee have been in continuous use throughout the year.

A considerable amount of success has been attained in the arrangement for the periodical spraying with Izal, of the rooms occupied by cases of Phthisis. During the year 611 rooms have been so treated.

Disinfectants, spitting handkerchiefs, and spitting cups have been supplied freely.

The supply of milk in cases of Phthisis selected on account of poverty was continued during the year, and the sum of £76 10s. 1d. was so expended. This was £26 12s. 6d. more than during the previous year:

Towards the end of the year such supplies were considerably checked, and as it was thought that the same conditions as to poverty did not exist, and the money could be more profitably employed in assisting non-insured cases to Sanatoria.

SCHOOL DISEASES.—485 visits were paid to cases of Measles, Whooping Cough, Mumps, etc. notified by school officials.

DISINFECTION.—877 rooms, 1 schoolroom, and 71 books were disinfected, and 298 parcels of bedding, etc., were removed for steam disinfection.

DAIRIES AND COWSHEDS.—The number of premises now on the register is 112—of which 9 only are cowsheds. In one instance a very emaciated cow was discovered and, tuberculosis was suspected, the owner consented to its slaughter, when it was discovered that it was suffering from " Johnes Disease," causing profuse diarrhoea, and said to be incurable.

Eight samples of imported milk were taken for bacteriological examination ; they were all found to be free from tubercle.

BAKEHOUSES.—There are 42 bakehouses now upon our register.

They were regularly inspected and, for the most part were found to be in a satisfactory condition.

SLAUGHTER-HOUSES.—There are still 14 private slaughter-houses on our register and, of these, five are licensed. In two instances tuberculosis was discovered in carcasses of heifers, and portions totalling 123lbs. in weight were taken.

FOOD INSPECTION.—Attention is particularly given to all places where food-stuffs are prepared. Greengrocers are warned against exposure to dust, of fruits which are not subsequently washed or cooked before being eaten—such as dates, strawberries, etc. Two quarts of prawns were surrendered, having been received in an unsound condition.

COMMON LODGING-HOUSES.—Two have been maintained in their usual cleanly condition.

Three cases of Scarlet Fever occurred in the family of one common lodging-house keeper, the case was nursed at home without spreading the disease further, although the house communicated with the lodging-house. We have, as usual, had notified from the Union Hospital cases of Phthisis in recent residents of the common lodging-houses. In such cases we arrange for the disinfection of the bed and room recently occupied.

HOUSES LET IN LODGINGS.—The number on the register has increased from 25 to 136. This large increase is accounted for by the action of the Police under the defence of the Realm Act, in requiring registration of Lodgers. All these houses have been inspected and the Bye-laws have been strictly enforced.

Eleven cases of keeping lodgers in unregistered premises were found.

FRIED FISH SHOPS.—38 such premises are on our register, and they are regularly inspected. Twelve defects of various kinds were noted and remedied.

STABLES, ETC.—There were 276 inspections of stables and pig-keeping establishments. Such inspections are most frequent in the summer months, and are made with a view to the prevention of the accumulation of large quantities of manure.

There was one case of pig-keeping within the prescribed distance from dwelling-houses.

CANAL BOATS.—Fifteen infringements of the Acts or Regulations were noted on the 57 boats inspected.

They referred to :—

Time for re-painting cabin exceeded	...	4
Registration number defaced	... ..	2
Absence of certificate	... ..	2
Leaky boats	... ..	2
Defective cabin floor...	... ..	2
„ locker	... ..	1
„ stove	... ..	1
Certificate did not identify owner with boat		1

Seven notices were served. Five were complied with. In one case the boat was withdrawn from use, and, in the other, the repairs had not been effected before the end of the year.

The number of persons for whom the boats were registered were :—

Aft cabins 176. Fore cabins 10.

The number of persons found on board were :

Adults.		Children.	
Males.	Females.	Males.	Females.
68	15	2	3

No cases of sickness were reported. The water supply was adequate and good.

WORKSHOPS (excluding bakehouses). There are now on our register 152 workshops compared with 162 in the previous year.

They are used in connection with the undermentioned trades :—

Bootmaking & Clogging...	35	Millinery	...	...	...	17	
Dressmaking	...	...	22	Tailoring	...	...	17
Millinery and Dressmaking	6	Laundries	...	...	...	5	
Wheelwrights	...	...	5	Joiners	...	...	5
Blacksmiths	...	...	4	Cabinet Making and			
Tin-plate Workers	..	...	3	Upholstering	...	...	5
Hosiers	...	...	2	Cycle Repairing	...	...	3
Saddlery	...	...	2	Stone Masons	...	...	4
Picture Framers	...	...	2	Optician	...	...	1
Gold Beating	...	...	1	Mineral Water Works	...	...	2
Paste making	...	...	1	Instrument Repairing	...	...	1
Plumber	...	...	1	Watch Repairing	...	...	1
Rope making	...	...	1	Bleaching	...	...	1
Carriage building	..	...	1	Basket Making	...	...	2
Printing	...	...	1	Scene Painting	...	...	1

The total number of persons employed therein was 460. There were in employment 225 adult males, 144 adult females, 78 female young persons, 12 male young persons, and one child (female).

In two rooms limewashing was required, and 18 other defects were noted.

In nine cases the workshops had not been registered, and in two others there was failure to exhibit the usual "Abstract."

Proceedings were instituted in a case of failure to properly limewash a workshop, and resulted in a fine of 10/-

VAN DWELLINGS.—Considerable trouble is caused from time to time by the unlawful occupation of a certain plot of land by van dwellers, and many complaints have been received.

On three occasions it was necessary to serve notices under the Byelaws requiring the provision of (1) closet accommodation (2) ashbin accommodation, and (3) adequate water supply.

It was also necessary to deal with a case of an overcrowded van.

CARD RECORDS.—The system of filing records of work done under the Housing Act has been extended, and now includes all records relating to Infectious Diseases, and visits paid by the Health Visitors to newly-born children. Acting upon your Committee's instructions I prepared the cards necessary for this purpose.

A list of cases taken before the Magistrates, and tabulated details as to the work done under the Public Health and Factory Acts is appended.

LIST OF CASES TAKEN BEFORE MAGISTRATES.

Offence.	Result of Proceedings.	Amount of Penalty.		
		£	s.	d.
Non-compliance with notice to convert privies into W.C's (Eccles Corpn. Act) 5 cases	Fined £1/1/- in each case	5	5	0
Applications for orders of ejectment (2). (Small tenements Recovery Act).	Orders granted.			
Non-compliance with order to abate nuisance arising from black smoke.	Fined.	0	10	0
do. do.	do.	0	10	0
do. do.	do.	0	10	0
do. do.	do.	0	10	0
Non-compliance with notice to abate nuisance arising from black smoke.	Order granted and fined.	0	15	0
Non-compliance with notice to abate nuisance (overcrowding).	Order granted and fined.	0	9	6
do. do.	do.	0	10	0
do. do.	Subsequently complied with before the hearing.	—		
do. do.	Order granted and fined:	0	5	0
Non-compliance with notice to abate nuisances, drain etc.	Order granted and fined.	0	10	0
Sec, 114, P.H. Act, 1875 Effluvium Nuisance.	Adjourned sine die. The firm was subsequently the subject of Chancery Court proceedings when an injunction was granted and the works were closed.			
Sec. 2 (3) Factory Act, 1901. Failure to comply with notice re limewashing of workshop.	Fined.	0	10	0
Sec. 126, P.H.A., 1875. Exposure of Children while suffering from Scarlet Fever.	Fined.	1	0	0
Non-compliance with notice to abate nuisance (2 cases.)	Fined 20/- in each. Orders made.	2	0	0
		£13	4	6

	1915	1914	1913	1912
House Drains—taken up, cleansed & re-laid ..	174	291	211	355
" slopstone waste pipes, disconnected from ...	1	1	...	...
" bath " " "	...	...	1	...
" lavatory " " "	...	...	...	...
" privy drains " " "	...	...	...	...
" downspouts " " "	33	39	18	38
" ventilated	10	3	7	30
" want of	5	...	3	1
Gully Traps—defective	3	62	150	147
" want of	1	1	2	5
" filthy	1	...	5	...
Soil Pipes—defective	4	8	11	9
" " ventilation of	3	3	4	2
" bath and lavatory waste pipes disconnected from	...	1	...	...
" downspouts disconnected from	3	3	1	...
Water closets—defective	16	65	79	100
" various defects in	54	182	137	101
" inefficient flush to	5	4	16	5
" insufficient in mill, &c. (No. of cases) ...	6	5	4	10
Slop-water closets—defectives	2	15	12	27
Defective privy pits	7	2	35	33
" ashpits	...	1	1	17
" paving of yards and passages ..	80	310	249	291
" " house floors, &c.	70	109	70	74
" channelling	...	...	3	1
" slopstone waste pipes	34	169	226	171
" brickwork around slop waste pipes ...	8	52	31	30
" eaves gutters and spouting ..	149	222	208	189
" bath and lavatory waste pipes .	6	8	1	7
" plaster on house walls	40	57	38	41
" roofs	42	53	55	54
" manure middens	5	4	9	1
" slopstones	12	17	15	24
" urinals	...	7	12	7
" ventilating shafts	3	6	...	...
" brickwork of boiler	25	39	...	...
" window frames, &c.	21	59	...	...
No- of cases of dirty bedding	6	2	2	6
" " verminous houses	6	9	7	21
" houses provided with additional W.C. accommodation ..	14	3	16	1
Cesspools abolished	...	...	3	4
Dirty houses cleansed	14	128	59	79
Yards, &c. cleansed	21	6	4	12
Closets, filthy, cleansed .	4	8	8	10
House premises, damp	39	46	31	43
House premises, want of ventilation and light ...	2	2	1	12
Houses overcrowded	28	45	36	39
Accumulations of manure and rubbish	52	55	55	53

	1915	1914	1913	1912
Buildings—obstructive to light and air, removed ...	7	2	...	6
Keeping fowls, &c. so as to cause nuisance ...	11	5	10	17
'Backing up' of sewage (reported to Surveyor) ...	6	2	...	10
Dangerous yard walls do. do. ...	13	22	26	36
Street gullies, defective ...	73	77	31	10
Manholes—foul smells from ...	9	5	8	15
Sewers defective ...	13	28	24	13
Waste of water ...	136	229	217	178
Want of manure middens ...	4	2	4	9
„ ashbin accommodation ...	276	203	119	200
Miscellaneous ...	96	124	163	158
Milkshops and cowsheds requiring limewashing ...	...	3	5	4
„ „ defects in remedied ...	3	18	19	24
„ unregistered ...	2	2	...	...
Bakehouses requiring limewashing ...	3	8	8	7
„ defects in remedied ...	5	35	22	11
Workshops requiring cleansing & limewashing ...	2	9	17	13
„ defects in remedied ...	18	38	74	61
Hairdressers premises—defects in remedied ...	...	...	...	...
Slaughter-houses requiring limewashing ...	5	5	9	8
„ „ defects in remedied ...	11	7	...	13
Houses let-in-lodgings requiring limewashing ...	...	1	...	...
Keeping Lodgers in unregistered premises ...	11	16	2	10
Houses let-in-lodgings—Breach of Bye-laws ...	1	5	2	...
Stables requiring limewashing ...	...	2	2	3
Fried fish shops requiring limewashing ...	...	1	1	3
„ „ „ defects in remedied ...	12	12	14	8
„ „ „ accumulations of offal... ..	...	1	1	3
Ice cream shops—defects in remedied ...	...	2	4	4
Common lodging houses requiring limewashing, &c. ...	...	2	1	6
Pigstyes requiring limewashing ...	1	7	3	9
„ defects in remedied ...	1	2	...	7
Back to back houses converted into through dwellings ...	...	...	...	...
No. of privies converted into water closets ...	4	4	29	32
„ water closets provided in lieu of privies ...	8	4	52	36
„ houses not newly erected provided with new drains ...	14	26	85	95
„ preliminary notices served ...	24	12	21	25
„ Statutory Notices (94 P.H. Act) ...	162	275	201	173
„ complaints made under Sec. 41 P.H.A. ...	4	1	4	...
„ notices served under do. ...	1	1	3	...
„ notices under Sec. 5 of I.D.P. Act. 1890, requiring stripping and limewashing ...	17	17	6	7
„ notices Sec. 6 I.D.P. Act. ...	...	1	2	...
„ reports made under Sec. 36 P.H.A. ...	74	75	50	77
„ notices served do. do. ...	74	73	50	75
„ of notices under Sec. 95 E.C.A. 1901 ...	2	...	...	3
do. Sec. 98 do. ...	1	1	...	...
do. houses let in lodgings ..	...	...	...	...
„ cases before the Magistrates ...	16	14	50	11
„ of visits in cases of zymotic diseases..	281	561	297	377
„ „ of phthisis ...	534	470	438	453
„ „ in other cases of sickness ...	485	228	314	856

			1915	1914	1913	1912
No. of rooms disinfected	...	...	877	773	531	696
" schools do.	...	...	1	...	...	10
" books do.	...	...	71	61	46	17
" Walls, &c. stripped and limewashed	...	...	266	317	70	109
" Re-inspection of nuisances	...	...	2138	2919	4697	4162
" Inspections of dwellings	...	...	1169	2417	2116	4561
" " yard premises	...	...	1966	2876	2691	...
" " under Housing T.P. Act	...	...	435	595	145	222
" re-inspections " " "	...	...	2102	2127	1492	...
" inspections of slaughter houses	...	...	207	249	342	372
" " milkshops	...	...	224	374	343	394
" " cowsheds	...	...	63	114	95	110
" " common lodging houses	...	...	78	86	73	63
" " houses let in lodgings	...	...	92	96	17	35
" " bakehouses	...	...	188	295	342	282
" " workshops	...	...	197	414	405	447
" " outworkers' premises	...	...	21	64	62	18
" " stables & piggeries	...	...	276	334	374	438
" " van dwellings	...	...	132	142	184	87
" " canal boats	...	...	57	102	95	88
" " fried fish and other shops	...	...	118	169	82	108
" " factory premises	...	...	49	51	52	35
" " marine stores	...	...	33	31	23	40
" " ice-cream manufact'rs premises	...	...	22	75	88	97
" " hair-dressers' premises	...	...	5	37	32	49
" " mineral water works	...	...	5	14	16	17
" " greengrocers' premises	...	...	111	117	114	142
" " offensive trade premises	...	...	4	48	38	10
" " urinals, &c.	...	...	57	53	165	...
" school closets disinfected	...	...	2	6	...	15
" cottage water closets inspected	...	...	93	202	439	595
" school premises inspected	...	...	19	40	26	25
" owners seen re nuisances	...	...	339	493	406	359
" smoke observations	...	...	40	36	66	11
" 'tests' applied to drains	...	...	233	272	333	338
" drains opened up for examination	...	...	14	21	38	24
" typhoid pails removed, cleansed, &c.	...	...	20	1	43	33
" earth closets disinfected	...	...	...	8	...	...
" Notices under Sec. 93 Eccles Corporation Act 1901	...	...	...	...	24	18
" Certificates under Sec. 93, E.C.A., 1901	...	...	...	...	24	18
" Notices under Section 46 P.H.A., 1875	...	...	29	28	18	14
" Loans of limewash brushes	...	...	438	450	426	413
" Supplies of lime	...	...	425	408	228	228
" " disinfectants	...	...	1853	2325	1439	1420
" " handkerchiefs	...	...	83	...	...	...
" Parcels of bedding disinfected	...	...	298	344	135	142
" Stable premises disinfected	...	...	...	1	2	5
" visits re Shops Act	...	...	64	852	170	...

BOROUGH OF ECCLES.

. FACTORIES, WORKSHOPS, WORKPLACES, AND HOMEWORK.

I.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Inspections made by Sanitary Inspectors.

Premises.	Number of		
	Inspections	Written Notices	Prosecutions.
Factories (including Factory Laundries)	39		
Workshops (including Workshop Laundries)	414	1	1
Workplaces			
Total	453	1	1

II.—DEFECTS FOUND IN FACTORIES, WORKSHOPS, & WORKPLACES.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspect'r	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	2	2		
Want of Ventilation				
Overcrowding				
Want of drainage of floors				
Other nuisances	18	18		
Sanitary accommodation {	insufficient			
	unsuitable or defective.....	6	6	
	not separate for sexes	11	11	
Want of Urinal	1	1		
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101)	Nil.	Nil.		
Breach of special sanitary requirements for bake-houses (SS. 97 to 100)...	3	3		
Other offences (Excluding offences relating to out-work included in Part 3 of this Report)...	5	5		
Total	46	46		

III.—HOME WORK.

NATURE OF WORK.	Outworkers' Lists, Section 107.							Prosecutions.	
	Lists received from Employers.								
	Sending twice in the year.			Sending once in the year.			Notices served on Occupiers as to keeping or sending lists.	Failing to keep or permit inspection of lists.	Failing to send lists.
	Lists.	Out-workers.		Lists.	Out-workers				
		Con-tractors	Work-men.		Con-tractors	Work-men.			
Wearing Apparel—									
(1) Making, &c.	8	8	19	1	1	1			
(2) Cleaning & washing Umbrellas, &c. . .	.....	.....	.....	.....					
Total.. ..	8	8	19	1	1	1			

IV.—REGISTERED WORKSHOPS.

Workshops on the Register (S. 131) at the end of the year	Number.
Bakehouses	42
Bootmaking and Clogging	35
Dressmaking	22
Tailoring.. ..	17
Millinery	17
Cabinet Making & Upholstering	5
Millinery and Dressmaking	6
Wheelwrights	5
Laundries.. ..	5
Various other Trades	40
Total Number of workshops on Register..	194

V.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspector of Factories ;—	
Failure to affix Abstract of the Factory & Workshop Act (S.133)	2
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory and Workshop Act (S. 5).	1
Notified by H.M. Inspector.	1
Reports (of action taken) sent to H.M. Inspector	1
Other	12
Underground Bakehouses (S. 101) :—	
Certificates granted during the year.. ..	Nil.
In use at the end of the year	Nil.

Section 1		Section 2		Section 3	
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120
121	122	123	124	125	126
127	128	129	130	131	132
133	134	135	136	137	138
139	140	141	142	143	144
145	146	147	148	149	150
151	152	153	154	155	156
157	158	159	160	161	162
163	164	165	166	167	168
169	170	171	172	173	174
175	176	177	178	179	180
181	182	183	184	185	186
187	188	189	190	191	192
193	194	195	196	197	198
199	200	201	202	203	204
205	206	207	208	209	210
211	212	213	214	215	216
217	218	219	220	221	222
223	224	225	226	227	228
229	230	231	232	233	234
235	236	237	238	239	240
241	242	243	244	245	246
247	248	249	250	251	252
253	254	255	256	257	258
259	260	261	262	263	264
265	266	267	268	269	270
271	272	273	274	275	276
277	278	279	280	281	282
283	284	285	286	287	288
289	290	291	292	293	294
295	296	297	298	299	300
301	302	303	304	305	306
307	308	309	310	311	312
313	314	315	316	317	318
319	320	321	322	323	324
325	326	327	328	329	330
331	332	333	334	335	336
337	338	339	340	341	342
343	344	345	346	347	348
349	350	351	352	353	354
355	356	357	358	359	360
361	362	363	364	365	366
367	368	369	370	371	372
373	374	375	376	377	378
379	380	381	382	383	384
385	386	387	388	389	390
391	392	393	394	395	396
397	398	399	400	401	402
403	404	405	406	407	408
409	410	411	412	413	414
415	416	417	418	419	420
421	422	423	424	425	426
427	428	429	430	431	432
433	434	435	436	437	438
439	440	441	442	443	444
445	446	447	448	449	450
451	452	453	454	455	456
457	458	459	460	461	462
463	464	465	466	467	468
469	470	471	472	473	474
475	476	477	478	479	480
481	482	483	484	485	486
487	488	489	490	491	492
493	494	495	496	497	498
499	500	501	502	503	504
505	506	507	508	509	510
511	512	513	514	515	516
517	518	519	520	521	522
523	524	525	526	527	528
529	530	531	532	533	534
535	536	537	538	539	540
541	542	543	544	545	546
547	548	549	550	551	552
553	554	555	556	557	558
559	560	561	562	563	564
565	566	567	568	569	570
571	572	573	574	575	576
577	578	579	580	581	582
583	584	585	586	587	588
589	590	591	592	593	594
595	596	597	598	599	600
601	602	603	604	605	606
607	608	609	610	611	612
613	614	615	616	617	618
619	620	621	622	623	624
625	626	627	628	629	630
631	632	633	634	635	636
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