[Report 1912] / Medical Officer of Health, Wallasey Local Board / U.D.C. / County Borough.

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REPORT

ON THE

Health of the Borough of Wallasey,

FOR THE YEAR 1912,

BY

T. W. NAYLOR BARLOW,

M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Camb.),
of Lincoln's Inn, Barrister-at Law,

MEDICAL OFFICER OF HEALTH.

MEDICAL SUPERINTENDENT OF THE CORPORATION
INFECTIOUS DISEASES HOSPITAL.

LIVERPOOL:
CHARLES BIRCHALL, PRINTERS, STATIONERS, &C., 17, JAMES STREET.

1913.

CONTENTS.

Health, Hospital and Cemetery Committee

OF THE

WALLASEY TOWN COUNCIL

To November, 1912.

Chairman:

Mr. JOSEPH BOUGHEY.

Vice-Chairman:

Mr. HAROLD COVENTRY.

Mr. ALDERMAN BANKS, L.R.C.P.I.
Mr. ALDERMAN BURROWS.
Mr. ALDERMAN DAWSON, F.C.A.

Councillors:

Mr. W. J. BELLIS, J.P.,
Mr. E. BRICK,
Dr. J. McMILLAN,
Mr. A. QUINN,
Mr. J. SHAW,
Mr. W. J. YEOMAN,

AND

His Worship THE MAYOR
(Mr. Alderman JOHN OLDERSHAW, M.D., J.P., C.C.).

OFFICIALS OF THE PUBLIC HEALTH DEPARTMENT.

T. W. NAYLOR BARLOW, M.R.C.S. (Eng.), L.R.C.P. (Lond)., D.P.H. (Camb.); of Lincoln's Inn, Barrister-at-Law,
Medical Officer of Health.

*HERBERT CLAUDIUS BASCOMBE,
Chief Sanitary Inspector.

CHARLES HORSFALL SCOTT
Meat Inspector, and Inspector under the Contagious Diseases (Animals) Acts, 1885 and 1886.

*JAMES MANSEL DAWKIN,
Assistant Sanitary Inspector.

*ALBERT HENRY ORMESHER,
Assistant Sanitary Inspector.

*THOMAS NICHOLSON CLEATOR,
Assistant Sanitary Inspector.

*HIRAM THOMAS IRVING,
Shop Hours and Workshop Inspector.

*MISS ISABELLA BIRRELL,
MISS THORA LARSEN,
Lady Sanitary Inspectors.

JOHN McNALLY,
Chief Clerk.

RICHARD C. THOMSON,
CHARLES H. SQUIRE,
Junior Clerks.

*Holds a Sanitary Inspector's Certificate.

STATISTICAL SUMMARY FOR 1912.

Area in acres	3,408
Estimated Population, June, 1912	81,000
Population per acre	23·76
Number of Inhabited Houses	17,522
Rateable Value	£482,780
One Penny in the £ yields for General District Purposes	£1,866
Number of Persons per house at time of 1911 census	4·64
Birth-rate per 1,000 living...	22·1
Death-rate per 1,000 living	11·6
Infant Mortality per 1,000 Births	76
Percentage of Uncertified Deaths	0
Total Deaths from Diarrhœa and Enteritis... ...	5
,, ,, ,, (under 1 year) ...	3
Diarrhœa Mortality per 1,000 Births	1·7
Phthisis Death-rate per 1,000 living	0·8
Respiratory Death-rate per 1,000 living (excluding Phthisis)	1·9

Information required by the Local Government Board in Annual Reports of Medical Officers of Health, and not included in the body of this Report.

Physical Features of the District.

The Borough of Wallasey is a part of the Wirral Peninsula and itself forms a Peninsula, bounded by the River Mersey on the East, the Irish Sea on the North, Birkenhead and Wallasey Docks on the South and South-West, with a mile of flat land on the West between head of docks and sea. The ground rises from Seacombe in a back-bone along the middle of the district, reaching a height of 200 feet above the sea at New Brighton, affording splendid facilities for drainage East and West of this natural ridge. New red sandstone underlies all this district, at a variable depth, with pockets of alluvium, drift clay, gravel and marl.

Social Conditions.

It is mainly a residential place, a large number of the inhabitants being engaged in business in Liverpool. Some large docks, forming part of the Port of Liverpool, are situated in the Borough. There are also in the district extensive Lairages, where imported sheep and cattle are killed. There is no occupation which would have any particular influence on the public health. No industries of any moment, beyond three large flour mills, are established in the Borough employing any large number of men. Building operations, however, have in the last few years been very extensive.

The number of persons admitted from the parishes of Liscard, Poulton-cum-Seacombe, and Wallasey, to the Workhouse Infirmary and Sanatorium during the year ended December 31st, 1912, was 269.

The number of ordinary cases admitted to the Workhouse for the same period from the said Parishes was 96.

Amount of Poor-Law Out-Relief paid in those Parishes, £2,718 12s. 3d.

The following Acts have been adopted by the Local Board, by the Urban District Council and by the Corporation, and are now in force within the Borough:—

1. The Infectious Disease (Notification) Act, 1889; adopted October 24th, 1889.

2. The Public Health Acts Amendment Act, 1890; adopted December 4th, 1890.

3. The Public Libraries Acts; adopted March 3rd, 1898.

4. The Housing of the Working Classes Act, 1890, Part III.; adopted April 21st, 1898.

5. The Baths and Washhouses Acts; adopted February 7th, 1895.

6. Notification of Births Act, 1907; adopted 1911.

Water Supply.

The water supply of the Borough is partly from wells in new red sandstone, 320 to 900 feet deep, reinforced by a supply of 750,000 gallons per day from Lake Vyrnwy, upland surface water. No filtration is necessary. The service is a constant one, and the supply ample and pure.

Sewerage and Drainage.

The water-carriage system obtains throughout the Borough and the crude sewage is discharged into the Mersey below low water level.

The growth of Wallasey has been extremely rapid, with the result that most of the house drains are new, and have been constructed under modern bye-laws and strict supervision. All new house drains are subjected to a smoke test before being finally covered, while every year a large number of the drains of old houses are re-laid.

Removal and Disposal of House Refuse.

There remain at present 769 single ashpits and 1,200 double ashpits. These are emptied on an average every five weeks by the employés of the Council. Their number is being steadily reduced. 1,260 ashpits have been abolished during the past 4 years and bins substituted. Bins are now required in all new property. These are emptied once a week, and the total number of bins is now 16,352

Wards.

No. 1—NEW BRIGHTON.
,, 2—UPPER BRIGHTON.
,, 3—NORTH LISCARD.
,, 4—SOUTH LISCARD.
,, 5—NORTH EGREMONT.
,, 6—SOUTH EGREMONT.
,, 7—NORTH SEACOMBE.
,, 8—SOUTH SEACOMBE.
,, 9—POULTON.
,, 10—WALLASEY.

STATISTICS OF WARDS.

1912.

	Birth-rate	Death-rate	Infant Mortality rate
No. 1 Ward.	15·1	9·5	73
„ 2 „	18·5	11·7	68
„ 3 „	18·6	10·8	53
„ 4 „	18·2	15·7	116
„ 5 „	14·8	11·4	100
„ 6 „	17·4	10·3	80
„ 7 „	30·0	16·4	93
„ 8 „	28·6	12·1	94
„ 9 „	34·8	11·1	68
„ 10 „	20·6	8·6	44

WHOLE DISTRICT.

Birth-rate	22·1
Death-rate	11·6
Infantile Mortality Rate ...	76
Estimated Population per acre.	23·76

Public Health Department,
February 28th, 1913.

To the Mayor, Aldermen and Councillors
of the Borough of Wallasey.

Mr. Mayor and Gentlemen,

I have the honour to present to you my fifth Annual Report on the health of the Borough, in compliance with the duty statutorily placed upon me.

The report contains the vital statistics for the year and details of the work carried out by my Department.

It will be noticed that the Mortality Rates are exceedingly low, the Death Rate and the Infantile Mortality Rate both being the lowest on record. The last-named rate, on referring to page 20, *is seen to be largely due to the very remarkable fact that only one death occurred from summer diarrhœa during the year. Last year there were no fewer than 46.*

I have again to thank the Members of the Health Committee in particular, and the Council generally, for the support which has invariably and generously been extended to me in my work.

I would like at the same time to express, publicly, my thanks to the members of my Staff for their extremely valuable co-operation, as a consequence of which a vast amount of work has been carried out with an entire absence of friction, and with results which cannot fail to be of great benefit to the community.

I am,
Mr. Mayor and Gentlemen,
Your obedient Servant,
T. W. N. BARLOW,
Medical Officer of Health.

Part 1.—VITAL STATISTICS.

Population.

The increase in the population of Wallasey has been extraordinary. Between the census of 1901 and that of 1911 the population increased over 46 per cent., which was a greater increase than that of any other town outside the London area except Coventry.

The population shown by the last four census returns has been as follows:—

	Census 1881.	Census 1891.	Census 1901.	Census 1911.
Poulton-cum-Seacombe ...	7,640	14,900	20,749	30,566
Liscard	11,612	16,356	28,661	38,659
Wallasey	1,940	1,971	4,169	9,279
Entire District... ...	21,192	33,227	53,579	78,504

The following Table shows the number of new houses certified for habitation during the past nine years:—

1904	259	1908	604
1905	432	1909	630
1906	614	1910	739
1907	706	1911	600
1912	417		

The following Table shows the number of Inhabited Houses in the three Townships for the past seven years:—

	Poulton-cum-Seacombe.	Liscard.	Wallasey.	TOTALS.	Increase on Previous Year.
1906	5,002	7,501	1,313	13,816	1,907
1907	5,223	7,911	1,492	14,626	810
1908	5,562	7,976	1,686	15,224	598
1909	5,840	7,991	1,852	15,683	459
1910	6,083	8,135	2,024	16,242	559
1911	6,404	8,250	2,303	16,957	715
1912	6,591	8,436	2,495	17,522	565

TABLE SHOWING THE POPULATION OF EACH WARD AT THE 1911 CENSUS, AND THE ESTIMATED POPULATION AT THE MIDDLE OF 1912.

Ward No.		Census.	Estimated middle 1912.
1.	New Brighton Ward	7,871 ...	8,100
2.	Upper Brighton Ward ...	7,706 ...	7,900
3.	North Liscard Ward	7,767 ...	8,000
4.	South Liscard Ward	7,755 ...	8,000
5.	North Egremont Ward ...	5,923 ...	6,100
6.	South Egremont Ward ...	9,089 ...	9,300
7.	North Seacombe Ward ...	6,941 ...	7,100
8.	South Seacombe Ward ...	7,874 ...	8,100
9.	Poulton Ward	8,299 ...	8,500
10.	Wallasey Ward	9,279 ...	9,900
		78,504 ...	81,000

This is a very rough estimate. It is impossible to satisfactorily estimate the population of the Wards until the full Census details are forthcoming, but having regard to the fact that it is only two years since the Census was taken, the estimate may be taken to be sufficiently accurate as the basis on which to calculate statistics for comparative purposes.

Births.

The Births during the year numbered 1,791 (916 males and 875 females), giving a Birth-Rate of 22·1 per 1,000, compared with 23·8 for the whole of England and Wales. The Births were distributed in the Wards as follows:—

Ward 1—New Brighton ...	122	Ward 6—South Egremont ...	162
„ 2—Upper Brighton ...	146	„ 7—North Seacombe ...	213
„ 3—North Liscard ...	149	„ 8—South Seacombe ...	232
„ 4—South Liscard ...	146	„ 9—Poulton	306
„ 5—North Egremont...	90	„ 10—Wallasey	204

The Births in the Wards do not include 21 children belonging to the district but registered elsewhere.

The illegitimate births number 66, equal to 3·6 per cent. of the total births.

Chart shewing BIRTH RATES of Wallasey for the last 20 years.

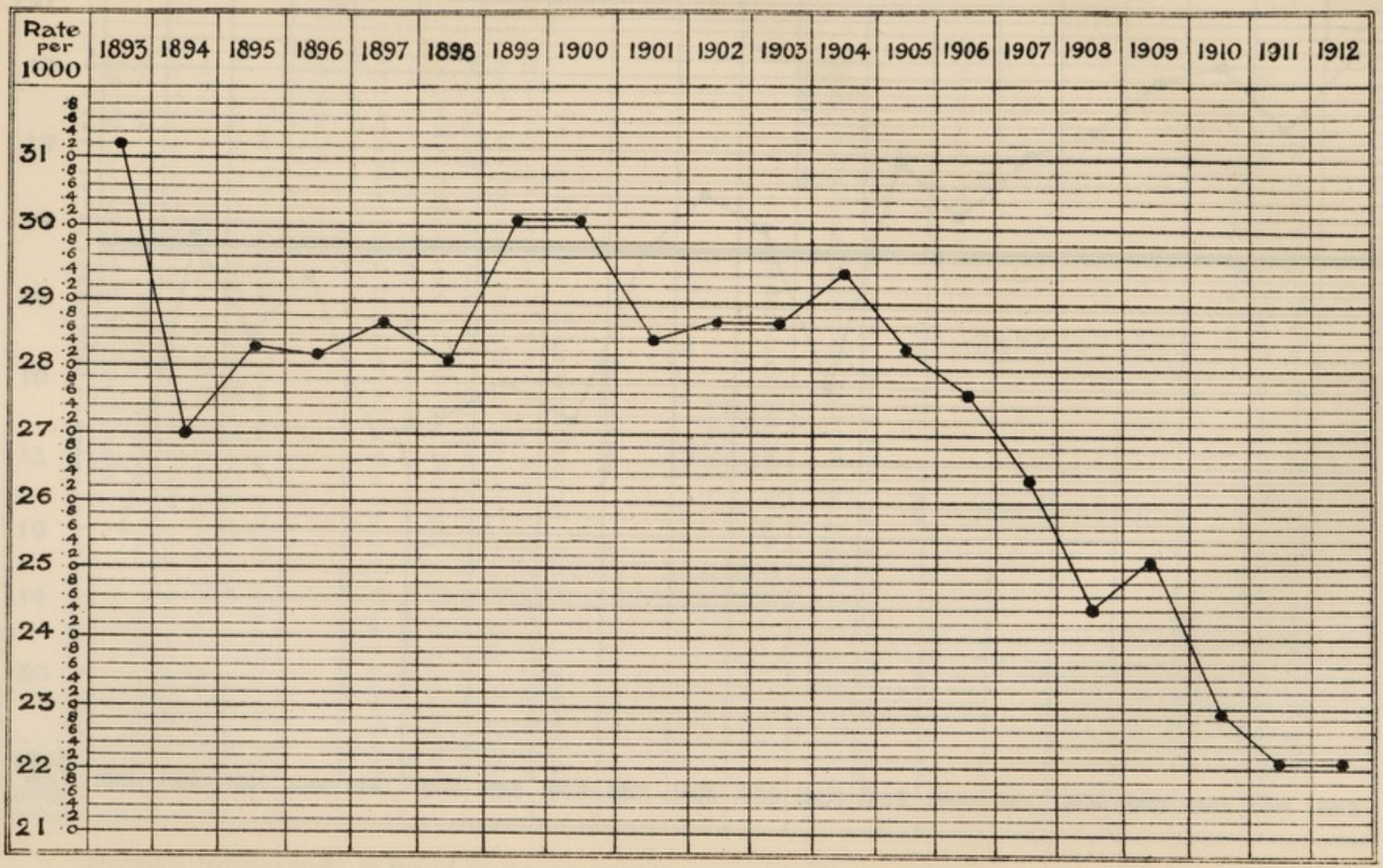
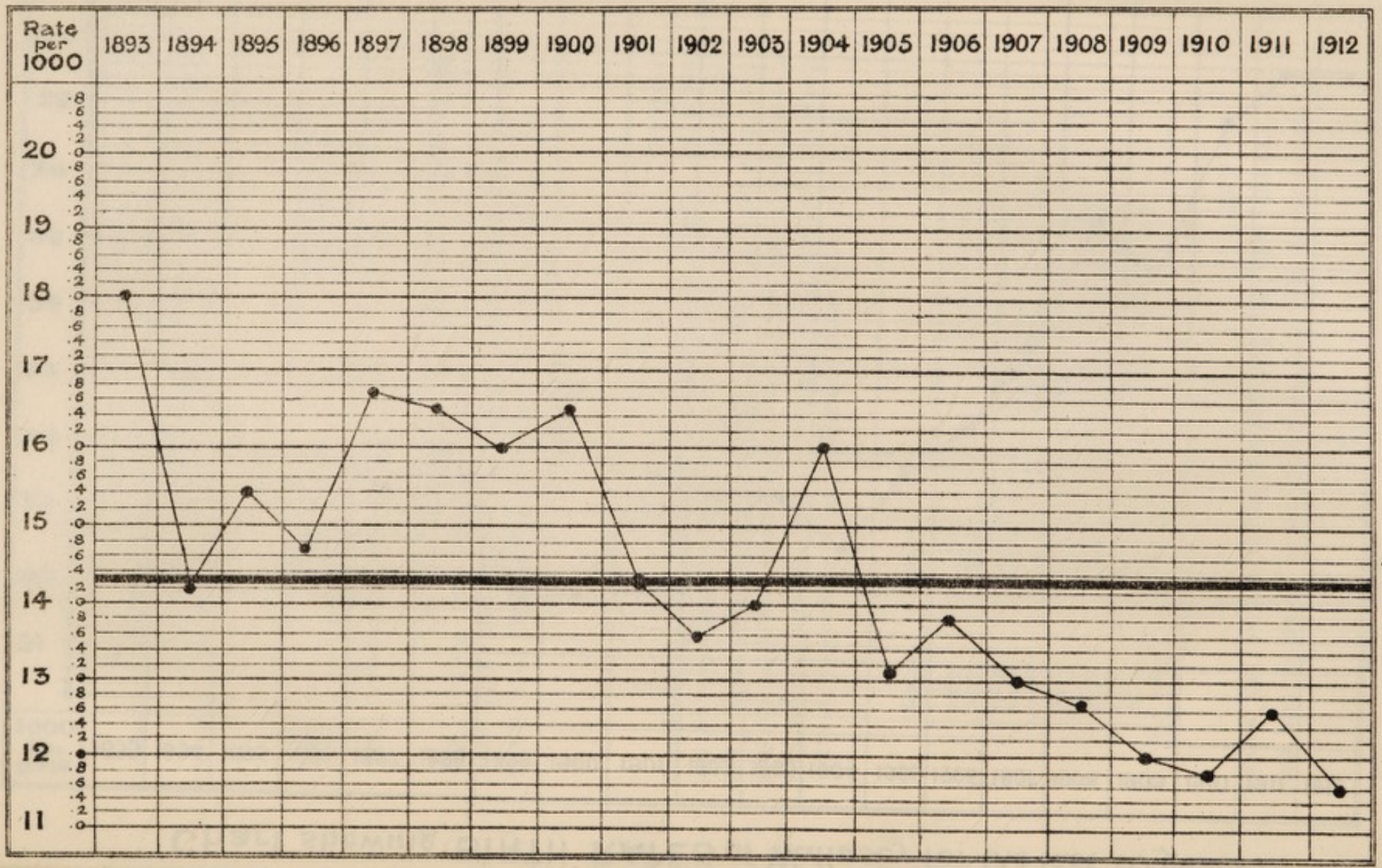


Chart showing BIRTH RATES of Wallasey for the last 20 Years.

Chart showing DEATH RATES of Wallasey for the past 20 Years.

Chart shewing DEATH RATES of Wallasey for the past 20 years.



The following Table shows the natural increase of population, that is, the excess in the number of births over deaths in the different Wards:—

Ward No.	Births.	Deaths.	Excess of Births over Deaths.
1	122	77	45
2	146	93	53
3	149	87	62
4	146	126	20
5	90	70	20
6	162	96	66
7	213	117	96
8	232	98	134
9	306	95	211
10	204	85	119
Registered elsewhere	21	...	21
	1,791	944	847

A comparison of the Birth-Rate of Wallasey for the past four quinquennial periods and for the years 1911 and 1912 is interesting.

For the period	1891-1895	it was 29·50.
„	1896-1900	„ 29·08.
„	1901-1905	„ 28·72.
„	1906-1910	„ 25·27.
For the Year	1911	„ 22·1.
„	1912	„ 22·1.

Deaths.

In 1910 the Registrar-General made arrangements whereby *all* deaths of residents, wherever they occurred outside the Borough, should be included in the list of deaths belonging to the Borough, whereas formerly only those dying in public institutions outside the Borough were so transferred. On the other hand, all deaths of visitors occurring in the Borough have been transferred to the district where they lived. It is thus now possible to give a more accurate death-rate than formerly.

The total number of deaths of people belonging to this Borough during 1912 was 944 (483 males and 461 females), equal to a death-rate of 11.6, which is the lowest on record. In the weekly list of death-rates of the large towns, published by the Registrar General, Wallasey on several occasions during the year had the lowest rate.

A comparison of the death-rate of Wallasey for the past four quinquennial periods and the years 1911 and 1912 is appended:—

For the period	1891-1895	it was	16·1
„ „	1896-1900	„	16·1
„ „	1901-1905	„	14·2
„ „	1906-1910	„	12·6
„ year	1911	„	12·6
„ „	1912	„	11·6

The deaths were distributed as follows in the Wards:—

Ward No.	No. of Deaths.	Rate per 1,000 of estimated population.
1	77	9·5
2	93	11·7
3	87	10·8
4	126	15·7
5	70	11·4
6	96	10·3
7	117	16·4
8	98	12·1
9	95	11·1
10	85	8·6

78 Inquests were held, 65 of these being on residents and 13 on non-residents.

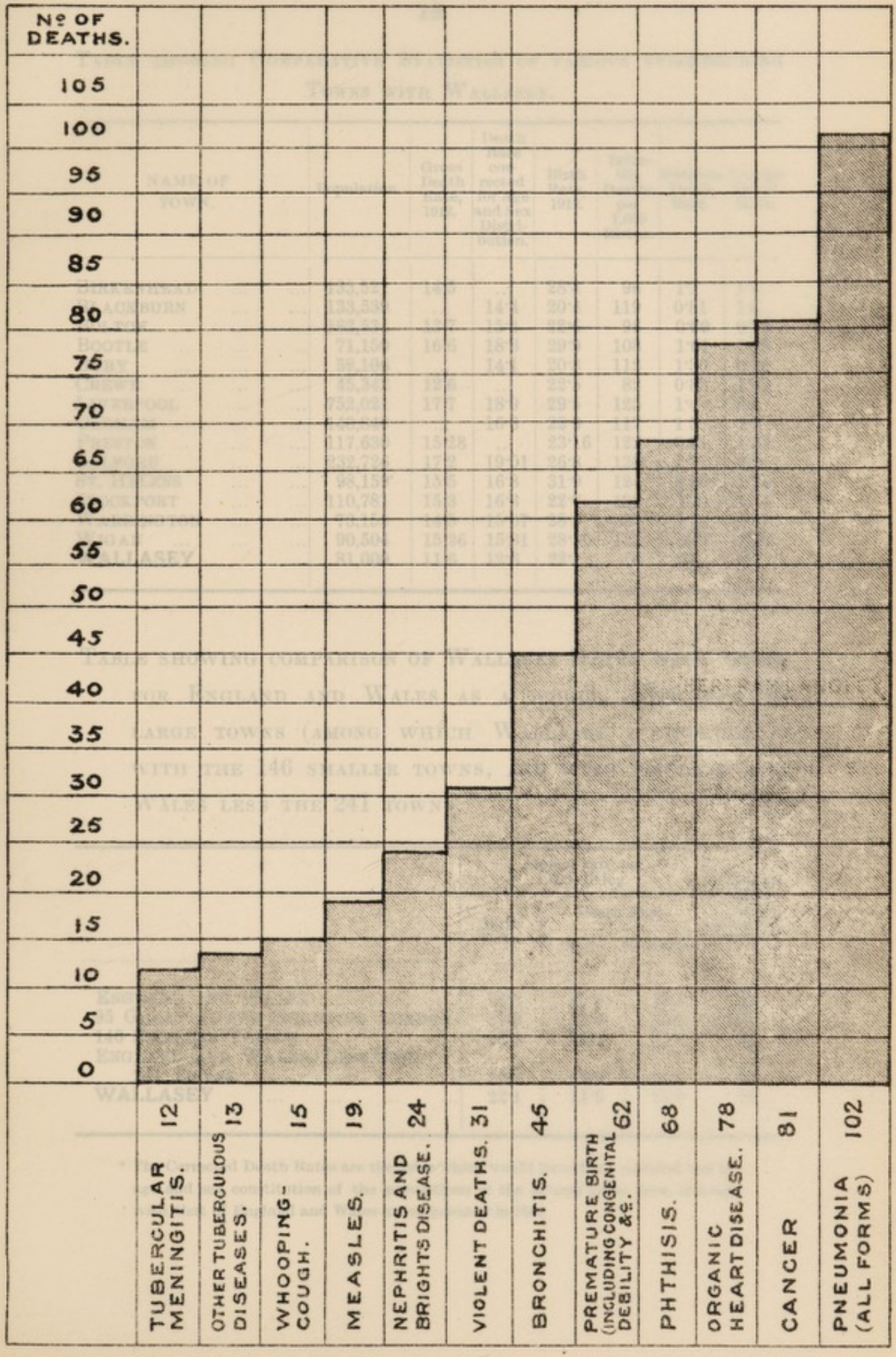
16 of the deaths were those of illegitimate children, 14 of them being under 1 year of age; of these 5 died in the Workhouse.

The ages and causes of the illegitimate deaths under 1 year of age were as follows:—

Less than 1 hour (1 case) ...	Suffocation.
1 month (3 cases)	Marasmus.
1 month (1 case)	Pneumonia.
1 month (1 case)	Premature Birth.
1 month (1 case)	Incorrect Feeding.
3 months (1 case)	Broncho-pneumonia.
8 months (1 case)	Syphilis.
10 months (1 case)	Broncho-pneumonia.

As in former years several deaths, which were really those of illegitimate children, have been registered in the father's name, thus reducing the rate of illegitimate deaths.

COMPARATIVE VIEW
of TWELVE of the PRINCIPAL CAUSES of DEATH in WALLASEY during 1912.



COMPARATIVE VIEW
of TWELVE of the PRINCIPAL CAUSES of DEATH in WALLASEY during 1912.

TABLE SHOWING COMPARATIVE STATISTICS OF VARIOUS NEIGHBOURING TOWNS WITH WALLASEY.

NAME OF TOWN.	Population.	Gross Death Rate, 1912.	Death Rate corrected for Age and Sex Distribution.	Birth Rate, 1912.	Infantile Deaths per 1,000 Births.	Phthisis Death Rate.	Zymotic Death Rate.
BIRKENHEAD	133,521	14·5	...	28·4	96	1·1	1·4
BLACKBURN	133,539	...	14·4	20·4	119	0·81	1·0
BOLTON	182,534	13·7	15·4	22·6	96	0·99	0·73
BOOTLE	71,150	16·6	18·3	29·9	108	1·61	1·79
BURY	59,106	...	14·1	20·8	112	1·30	0·86
CREWE	45,342	12·6	...	22·5	82	0·83	1·49
LIVERPOOL	752,021	17·7	18·9	29·5	125	1·4	2·4
OLDHAM	148,840	...	16·3	22·9	117	1·3	1·3
PRESTON	117.630	15·28	...	23·16	122	0·81	1·33
SALFORD	232,726	17·2	19·01	26·8	130	1·5	2·2
ST. HELENS	98,159	15·5	16·8	31·9	124	0·92	1·76
STOCKPORT	110,781	15·3	16·3	22·7	109	1·31	1·44
WARRINGTON	73,158	14·5	15·07	28·3	92	1·12	2.07
WIGAN	90,504	15·26	15·91	28·59	125	0·72	1·34
WALLASEY	81,000	11·6	12·6	22·1	76	0·8	0·7

TABLE SHOWING COMPARISON OF WALLASEY RATES WITH THOSE FOR ENGLAND AND WALES AS A WHOLE, WITH THE 95 LARGE TOWNS (AMONG WHICH WALLASEY IS INCLUDED), WITH THE 146 SMALLER TOWNS, AND WITH ENGLAND AND WALES LESS THE 241 TOWNS.

	Annual rate per 1,000 living.			Infantile Death Rate per 1,000 Births.
	Birth Rate.	Death Rate.		
		Crude.	Corrected *	
ENGLAND AND WALES	23·8	13·3	13·3	95
95 GREAT TOWNS INCLUDING LONDON	24·9	13·8	14·6	101
146 SMALLER TOWNS	23·8	12·4	13·0	99
ENGLAND AND WALES, LESS THE 241 TOWNS	22·6	12·9	12·1	86
WALLASEY	22·1	11·6	12·6	76

* The Corrected Death Rates are the rates which would have been recorded had the age and sex constitution of the populations of the several areas been identical with that of England and Wales as enumerated in 1901.

Infant Mortality.

During the year 1912 the deaths of 137 children were recorded who had not at the time of their death reached the age of 1 year. This gives an Infantile Mortality Rate of 76 per 1,000 births, the lowest on record for Wallasey.

Let us examine the Table relating to infant mortality on page 84, and compare it with similar Tables of the last three years.

	1909	1910	1911	1912
1—Common Infectious Diseases caused	4 deaths	11 deaths	4 deaths	9 deaths
2—Diarrhœal Diseases caused	14 „	38 „	59 „	3 „
3—Wasting Diseases (including Premature Birth, Atrophy and Marasmus) caused	56 „	32 „	67 „	62 „
4—Tuberculous Diseases caused... ...	13 „	9 „	6 „	7 „
5—And other causes, including Respiratory Diseases, Convulsions and Overlying, caused	61 „	59 „	54 „	56 „
Including Bronchitis and Pneumonia			(20) „	

The fall in the infant mortality rate is obviously due to the lessened mortality from diarrhœal diseases. Such a low mortality from this class of disease has never before been reached. Not a single death from summer diarrhœa occurred within the Borough; the one death ascribed to that disease having occurred in Tranmere Workhouse and referred to an infant found by the Police in a street on August Bank Holiday. The other two were deaths from enteritis in the early part of the year.

Having regard to previous experience, it is a very remarkable fact to record that not one death from summer diarrhœa occurred among a population of 81,000 people. No doubt the wet and cold summer was a factor of very considerable importance--very probably the deciding factor in bringing about this happy result—but the fact remains that the last summer was not by any means the only wet and cold summer on record, nor yet the coldest and wettest. Never

before, however, has there been such a low mortality. Some other forces must have been at work, which were not formerly at work. It cannot be denied now what these forces are, and Local Authorities and voluntary associations, which have worked in this field hand in hand with Local Authorities, may take great credit to themselves for the efforts which have been so successfully undertaken to minimise this enormous blot on our civilisation, namely, the wastage of infant lives.

In 1912, there were 66 illegitimate births, and 14 deaths of illegitimate children below the age of 1, giving a mortality rate per thousand illegitimate children born of 212, which is nearly three times the infant mortality rate for the whole population. This speaks for itself. An illegitimate child, as is proved by German experience, has as good a chance of surviving the first year of life, under proper conditions, as a child born in wedlock. The conditions under which illegitimate children are tended in England are not satisfactory, and, in my opinion, reform is necessary in this direction.

The Table below shows the Infant Mortality Rates in the Wards during 1912:—

WARDS.

	Per 1000 births.		Per 1000 births.
No. 1	73	No. 6	80
No. 2	68	No. 7	93
No. 3	53	No. 8	94
No. 4	116	No. 9	68
No. 5	100	No. 10	44

It is interesting to compare this Table with a similar Table of last year. At that time Wards Nos. 5, 7 and 8 had mortalities of more than 100, namely, 128, 140 and 197. No. 4 Ward, which this year has the highest mortality rate, had last year the second lowest, namely, 76.

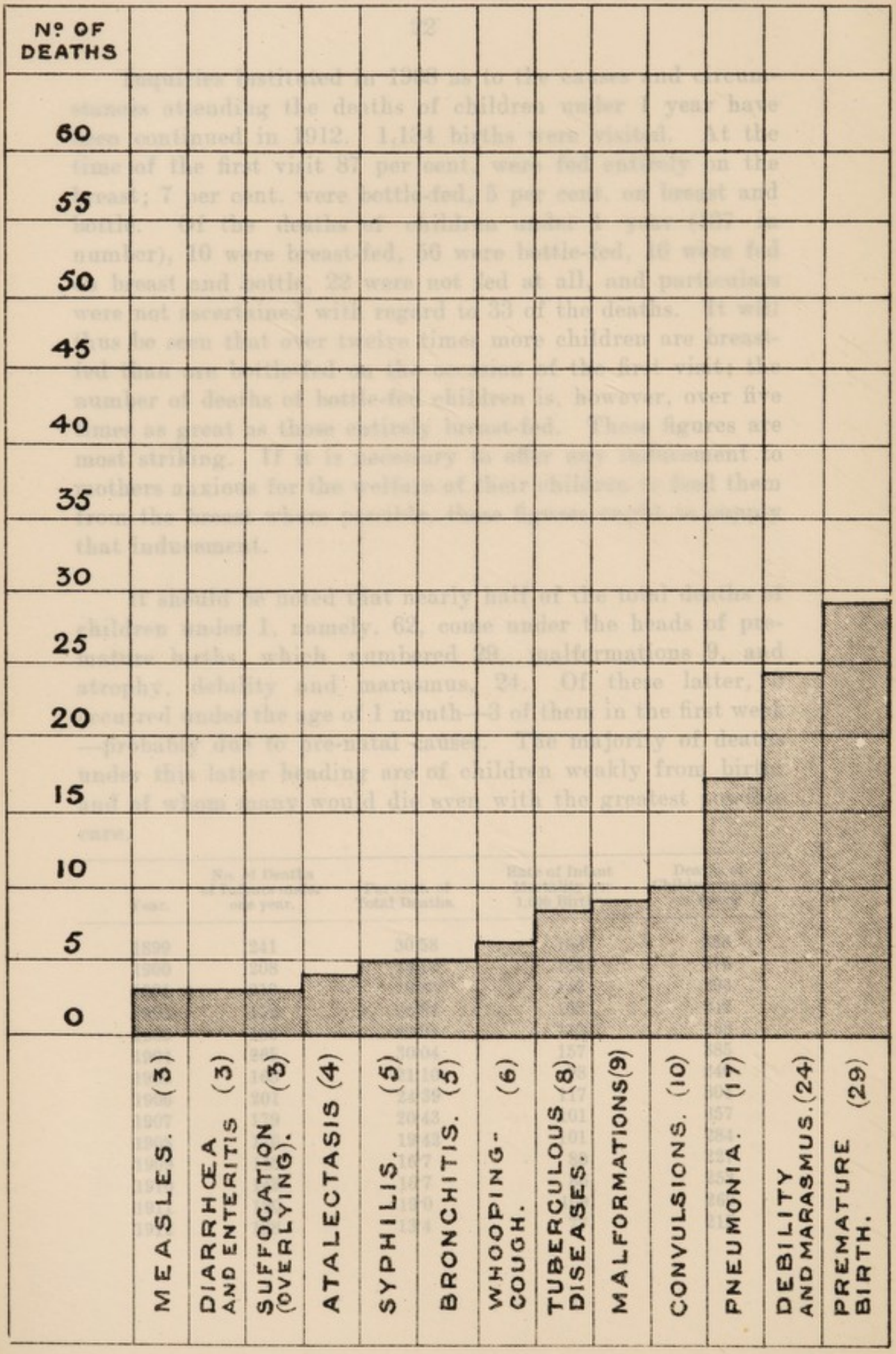
Inquiries instituted in 1908 as to the causes and circumstances attending the deaths of children under 1 year have been continued in 1912. 1,134 births were visited. At the time of the first visit 87 per cent. were fed entirely on the breast; 7 per cent. were bottle-fed, 5 per cent. on breast and bottle. Of the deaths of children under 1 year (137 in number), 10 were breast-fed, 56 were bottle-fed, 16 were fed on breast and bottle, 22 were not fed at all, and particulars were not ascertained with regard to 33 of the deaths. It will thus be seen that over twelve times more children are breast-fed than are bottle-fed on the occasion of the first visit; the number of deaths of bottle-fed children is, however, over five times as great as those entirely breast-fed. These figures are most striking. If it is necessary to offer any inducement to mothers anxious for the welfare of their children to feed them from the breast where possible, these figures ought to supply that inducement.

It should be noted that nearly half of the total deaths of children under 1, namely, 62, come under the heads of premature births, which numbered 29, malformations 9, and atrophy, debility and marasmus, 24. Of these latter, 5 occurred under the age of 1 month—3 of them in the first week—probably due to pre-natal causes. The majority of deaths under this latter heading are of children weakly from birth, and of whom many would die even with the greatest possible care.

Year.	No. of Deaths of Infants under one year.	Per cent. of Total Deaths.	Rate of Infant Mortality per 1,000 Births.	Deaths of Children under 5 Years.
1899	241	30·58	163	328
1900	208	24·18	132	276
1901	219	28·33	142	293
1902	172	22·84	108	242
1903	183	23·92	113	269
1904	265	30·04	157	385
1905	163	21·10	98	240
1906	201	24·39	117	304
1907	179	20·43	101	357
1908	176	19·42	101	284
1909	148	16·7	80	227
1910	149	16·7	86	252
1911	190	19·0	109	269
1912	138	13·4	77	215

COMPARATIVE VIEW OF 15 OF THE PRINCIPAL CAUSES OF INFANT MORTALITY (BELOW ONE YEAR OF AGE) IN WALLASEY DURING 1912.

COMPARATIVE VIEW OF 13 OF THE PRINCIPAL CAUSES OF INFANT MORTALITY (BELOW ONE YEAR OF AGE) IN WALLASEY DURING 1912.



Details of Deaths under one year for the last 10 years, from those diseases most fatal to infants are given below:—

	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Diarrhœa	23	50	29	55	14	12	5	10	46	1
Convulsions	14	24	9	14	15	10	14	10	10	10
Bronchitis and Pneumonia	20	31	15	26	30	21	27	30	20	22
Enteritis	11	9	5	11*	11*	11	9	18	13	1
Premature Birth	24	32	29	17	36	39	27	19	38	29
Atrophy and Debility ...	38	44	21	21	26	25	20	3	16	24
Totals ...	130	190	108	145	132	118	102	90	143	87

*Includes Gastritis.

N.B.—In reading this table it should be remembered that the actual number of children born has progressively increased from 1902.

The Deaths of Children under 1 year in the four quarters were as follows:—

First Quarter	...	44	Third Quarter	...	35
Second Quarter	...	28	Fourth Quarter	...	30

The usual large increase in the Third Quarter is, this year, conspicuous by its absence.

Deaths from Zymotic Diseases during the past 10 Years.

Disease.	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Totals	88	172	77	137	63	105	60	90	105	57
Smallpox	1	0	0	0	0	0	0	0	1	—
Measles	3	32	1	13	6	27	13	15	5	19
Scarlet Fever	18	8	6	6	6	10	20	3	2	6
Diphtheria and Croup	3	12	10	12	7	8	9	4	16	9
Whooping Cough ...	10	42	2	15	13	21	0	19	5	15
Fever (Typhoid) ...	5	7	8	5	3	4	2	5	1	3
Diarrhœa and Enteritis	48	71	50	86	28	35	16	44	75	5
Rate per 1,000 *of population*	*1·56*	*3·01*	*1·31*	*1·38*	*0·93*	*1·40*	*0·77*	*1·13*	*1·33*	*0·7*

Infectious Diseases.

There has been no special incidence of the notifiable infectious diseases during the year, nor have the cases occurred in any particular part of the district more than another. Compared with former years, the striking feature is the small number of notifications of typhoid fever, namely, 16; and of this small number several that went to Hospital were found, on observation, not to be so suffering.

The following Table shows the number of Notifications of Infectious Diseases in the last 10 years:—

Disease.	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Small-pox	26	6	...	...	...	1	...	7	10	1
Diphtheria	38	52	64	57	92	72	57	44	62	75
Membranous Croup ...	2	3	1	1	...	...	...	...	...	...
Erysipelas	41	39	53	28	45	32	32	32	42	28
Scarlet Fever	440	270	348	266	255	248	716	329	286	307
Typhus	...	...	...	...	...	...	...	...	...	...
Typhoid	47	39	61	65	31	34	18	14	24	16
Puerperal Fever ...	2	4	6	2	4	3	2	4	3	3
Phthisis	...	...	...	...	...	...	...	...	71	176
Cerebro-Spinal Meningitis	...	...	...	...	...	1	...	...	...	...
Acute Polio-Myelitis	...	...	...	...	...	...	...	...	...	...
Totals	596	413	533	419	427	391	825	430	498	606

Tables showing the Notifications of Infectious Diseases in the Wards and in the four quarters of the year:—

Notifications in the Wards.

Ward No.	Small-pox.	Diphtheria and Croup.	Erysipelas.	Scarlet Fever.	Typhoid Fever.	Puerperal Fever.	Phthisis.	TOTALS
1	—	9	1	21	1	—	14	46
2	—	11	3	22	4	—	16	56
3	—	6	6	44	2	3	6	67
4	—	12	4	42	3	—	30	91
5	—	4	2	18	—	—	21	45
6	—	6	2	25	1	—	17	51
7	—	8	2	19	2	—	19	50
8	—	5	2	40	1	—	19	67
9	—	6	2	43	1	—	16	68
10	1	8	4	33	1	—	18	65
Totals ...	1	75	28	307	16	3	176	606

Notifications in the Quarters.

Qr. 1	—	26	5	55	5	—	67	158
„ 2	1	22	5	74	2	—	47	151
„ 3	—	16	11	74	4	—	32	137
„ 4	—	11	7	104	5	3	30	160
Totals ...	1	75	28	307	16	3	176	606

Small-pox.

There was one case of small-pox notified during the year. The infected person was a stevedore who had been working on a boat which had been bought by some Turkish firm, and which was occupied by Turkish sailors who came overland.

The actual infecting person was not discovered. Some of the sailors had returned to Turkey before the onset of the illness. These were not seen, and it is possible that one of them was infected. Those that remained were in good health, so far as could be ascertained. There was at the time no case in Liverpool or Birkenhead or any neighbouring district.

The case was an exceedingly mild one. The patient had been vaccinated in infancy and was said to have been successfully re-vaccinated 11 years ago, but there was very little evidence of this. The patient was re-vaccinated twice after the appearance of the eruption, but unsuccessfully. The usual precautions were taken with regard to re-vaccination of contacts, and no further case occurred.

I may repeat here what I stated in my last year's Report, that Wallasey, as a part of the port of Liverpool, is always liable to be infected with this disease. As an example, last year 36 people were, at different times, kept under observation in this district who had been in contact with the disease on board ship. Small-pox is exceedingly prevalent at the present time in Eastern Europe, and it is more than likely that the disease will invade this country sooner or later. Wallasey is, comparatively, a well-vaccinated place, but a general laxity with regard to this precaution has prevailed over England for some years, and in some portions of the country the number of unvaccinated people greatly exceeds those vaccinated. An outbreak amongst this susceptible class would be exceedingly difficult to confine within moderate limits. There is but one preventive action against Small-pox which is of any service whatever, namely, re-vaccination. Adults who neglect to take this precaution have only themselves to blame if they become infected, and parents who neglect to take advantage of the opportunities offered them for the vaccination and re-vaccination of their children must accept the heavy responsibility which will burden them should any of such children become infected with a disease which is at once so loathsome and so easily prevented. In fact, Small-pox is the only infectious disease which can really be said to be preventable. With regard to any other infectious disease any person

casually in contact or in attendance runs great risk of becoming infected, whatever precautions he or she may take. Quite the reverse with Small-pox. Given a recent successful re-vaccination, one can almost certainly guarantee that no contact or attendant will become infected; the risk is nil.

During the year I was notified by the Medical Officers of the Port Sanitary Authorities concerned that 36 people had arrived in this district from infected ports. These people were all kept under observation, but none developed the disease.

Scarlet Fever.

The incidence of Scarlet Fever was slightly higher than in 1911. A mild type prevailed as a rule, and the death-rate was remarkably low.

The notifications for each Quarter were:—

First Quarter	55
Second Quarter	74
Third Quarter	74
Fourth Quarter	104

Of the 307 cases notified, 205 went to Hospital, of whom 3 died, giving a percentage of 1·0 deaths to notifications.

There was no special incidence of the disease in any particular school nor anything to suggest infection through milk.

33 of the Scarlet Fever cases notified at houses where two or more cases occurred, were removed to Hospital at the following intervals:—

1 instance 2 cases were removed at same time, and in another 3 cases.
5 cases at an interval of 1 day after admission of previous case.

4	do.	2 days	do.	Previous patients still in hospital when subsequent cases occurred.
4	do.	3 days	do.	
1	do.	4 days	do.	
3	do.	5 days	do.	
1	do.	6 days	do.	
—	do.	7 days	do.	
2	do.	7/14 days	do.	
3	do.	14/21 days	do.	
—	do.	21/28 days	do.	
2	do.	28/35 days	do.	
1	do.	43 days	do.	
1	do.	53 days	do.	
1	do.	57 days	do.	

With regard to the cases nursed at home:—

From 11 houses 2 cases were notified at the same time.
„ 2 „ 3 „ „ „ „
„ 1 house 4 „ „ „ „

In 1 instance a second case was notified 2 days after the previous case.
„ 2 instances „ „ 7/10 days „ „
„ 1 instance „ „ 13 days „ „
„ 1 instance „ „ 15 days „ „

Details of "Return" Cases.

DOUBTFUL.			"RETURN" CASES.		
Length of stay in Hospital of first case.	Interval between discharge of first case and onset of second.	Period from commencement of hospital isolation of first case.	Stay in Hospital of first case.	Interval between discharge of first and onset of second.	Period from commencement of hospital isolation of first case.
Days.	Days.	Days.	Days.	Days.	Days.
(*a*) 36	17	53	(*d*) 71	10	81
			(*e*) 43	5	48
(*b*) 43	13	56	(*f*) 109	5	114
			(*g*) 42	11	53
(*c*) 45	11	56	(*h*) 42	24	66
			(*i*) 59	13	72

(*a*) The supposed infecting child was a doubtful case, and had no complications while in hospital or subsequently.

(*b*) The supposed infecting child was an exceedingly mild, doubtful case, and had no complications while in hospital, but about 8 days after leaving developed Rhinitis.

(*c*) No discharges of any kind either in hospital or subsequently.

(*d*) Recurrence of Rhinitis 2 days after discharge.

(*e*) Otorrhœa re-appeared day after discharge. This complication present while in hospital. Child had measles 17 days before discharge.

(*f*) A third case occurred 12 days after discharge of first case, and a fourth 54 days after, while No. 3 was still in hospital.

(*g*) This child had no discharges of any kind,

(*h*) This child had Rhinitis in hospital, which cleared up before discharge.

(*i*) This child had Rhinitis in hospital; not present on discharge but re-appeared 3 days afterwards.

HOME "RETURN" CASES.

Length of isolation of first case.		Interval between discharge of first and onset of second case.		Period from first onset of the disease.
53 days.	...	15 days.	...	68 days.

The following Table gives some very interesting information with regard to Scarlet Fever cases in this district since the year 1881 :—

Statistics re Scarlet Fever since 1881.

Year.	Estimated Population at Middle of Year.	Total Notifications.	Attack Rate per 1,000 of Population.	Percentage of Cases removed to Hospital.	No. of Deaths.	Death Rate per cent. of Cases.	Death Rate per 1,000 of Population.	No. of Cases Admitted to Hospital.	No. of Deaths in Hospital.	Percentage of Deaths in Hospital to Admissions.
1881...	21,192 (Census)	...	...	...	...	...	...	...	...	...
1882...	22,743‡	...	..	...	29	...	1·27	...	...	...
1883...	24,037‡	...	...	...	21	...	0·87	...	...	...
1884...	25,228‡	...	...	...	5	...	0·18	...	...	...
1885...	28,000	...	...	...	4	...	0·14	...	...	...
1886...	29,500	...	...	...	4	...	0·13	...	...	...
1887...	30,500	...	...	...	8	...	0·26	...*	...	...
1888...	31,500	...	...	...	1	...	0·03	10	...	...
1889...	32,500	†	...	...	15	...	0·43	25	3	12·0
1890...	34,000	116	3·4	14·6	12	10·3	0·35	17	2	11·8
1891...	33,500	89	2·6	20·2	7	7·8	0·21	18	1	5·5
	{ Census 33,229 }									
1892...	34,500	49	1·1	18·4	3	6·1	0·09	9	1	11·1
1893...	35,500	123	3·4	17·0	2	1·6	0·06	21	1	4·8
1894...	37,000	246	6·0	22·7	5	1·0	0·13	56	...	...
1895...	39,000	130	3·3	36·1	4	3·0	0·10	47	2	4·2
1896...	41,500	157	3·7	38·2	4	2·5	0·09	60	3	5·0
1897...	44,000	256	5·8	48·0	15	5·8	0·34	123	7	5·7
1898...	46,800	220	4·7	44·1	11	5·0	0·23	97	7	7·2
1899...	49,000	167	3·4	53·3	5	3·0	0·10	89	3	3·3
1900...	52,000	119	2·3	50·4	4	3·3	0·08	60	2	3·3
1901...	54,000	147	2·7	45·5	5	3·4	0·09	68	4	5·9
	{ Census 53,579 }									
1902...	55,000	293	5·3	67·9	5	1·7	0·09	199	4	2·0
1903...	56,000	440	7·8	70·2	18	4·1	0·32	309	11	3·5
1904...	57,000	270	4·7	62·9	8	3·0	0·14	170	7	4·1
1905...	58,500	348	5·9	62·0	6	1·7	0·10	227	3	1·3
1906...	62,000	266	4·3	66·9	6	2·2	0·09	178	6	3·3
1907...	67,000	255	3·8	73·7	6	2·3	0·08	188	6	3·2
1908...	71,000	248	3·5	70·1	10	4·0	0·14	174	9	5·1
1909...	73,000	716	9·8	70·8	20	2·7	0·27	507	14	2·7
1910...	75,000	329	4·3	69·6	3	0·5	0·04	229	2	0·8
1911...	79,000	286	3·6	66·1	2	0·7	0·02	189	1	0·5
	{ Census 78,504 }									
1912...	81,000	307	3·8	66·7	6	1·9	0·07	205	3	1·4

* First Case in Hospital, October 28th, 1887 (7 to end of year).
† 1889 Notification Act adopted December 2nd, 1889. (30 Scarlet Fever Cases notified to end of year).
‡ These figures are for the end of the year.

Chart Showing RIVER SCARLET FEVER ATTACK RATE
per 1000 of Population during the past 20 years.

Chart Shewing SCARLET FEVER Attack rate per 1000 of Population during the past 20 years.

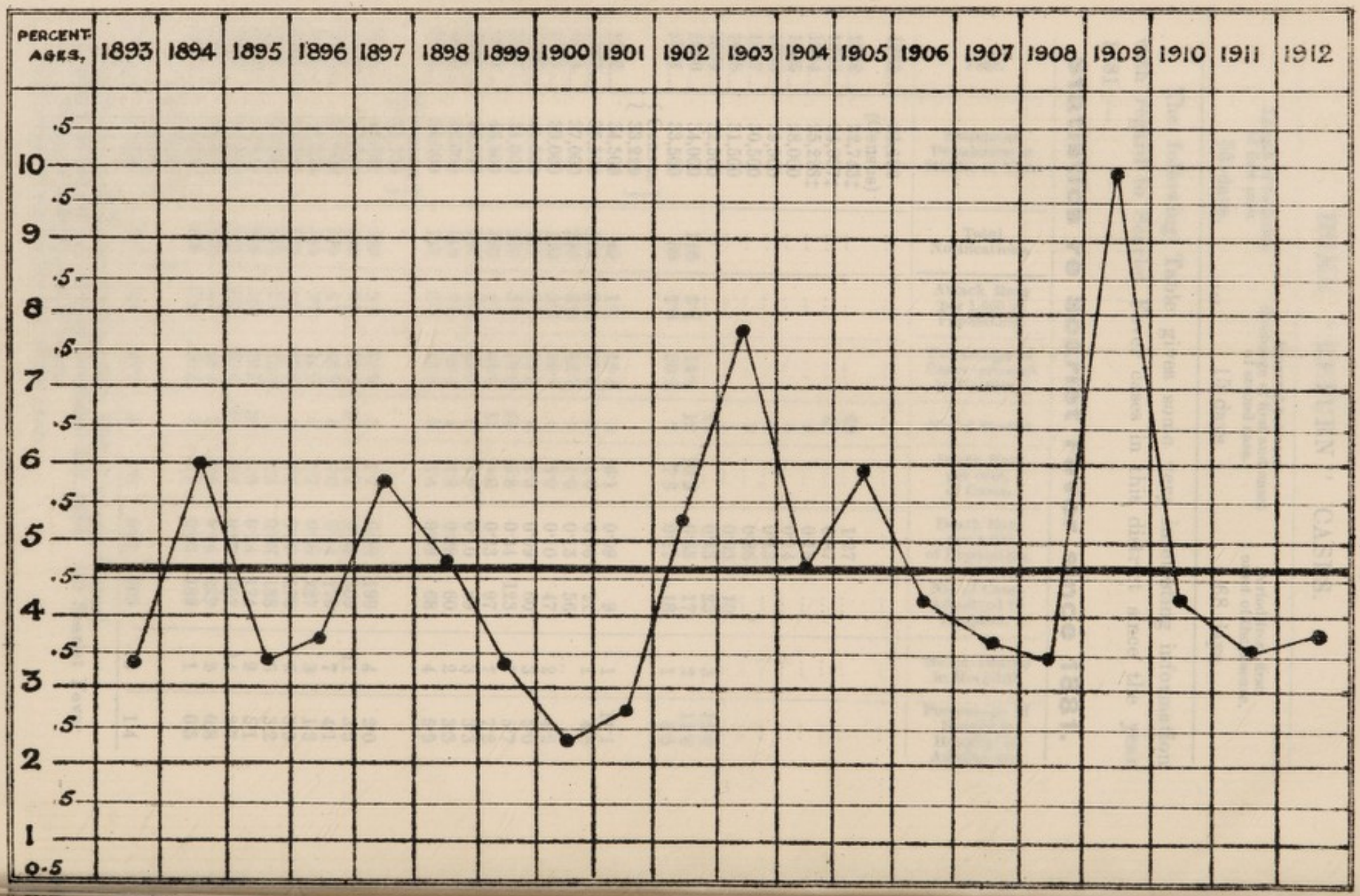


Chart shewing percentage of SCARLET FEVER Cases removed to HOSPITAL.

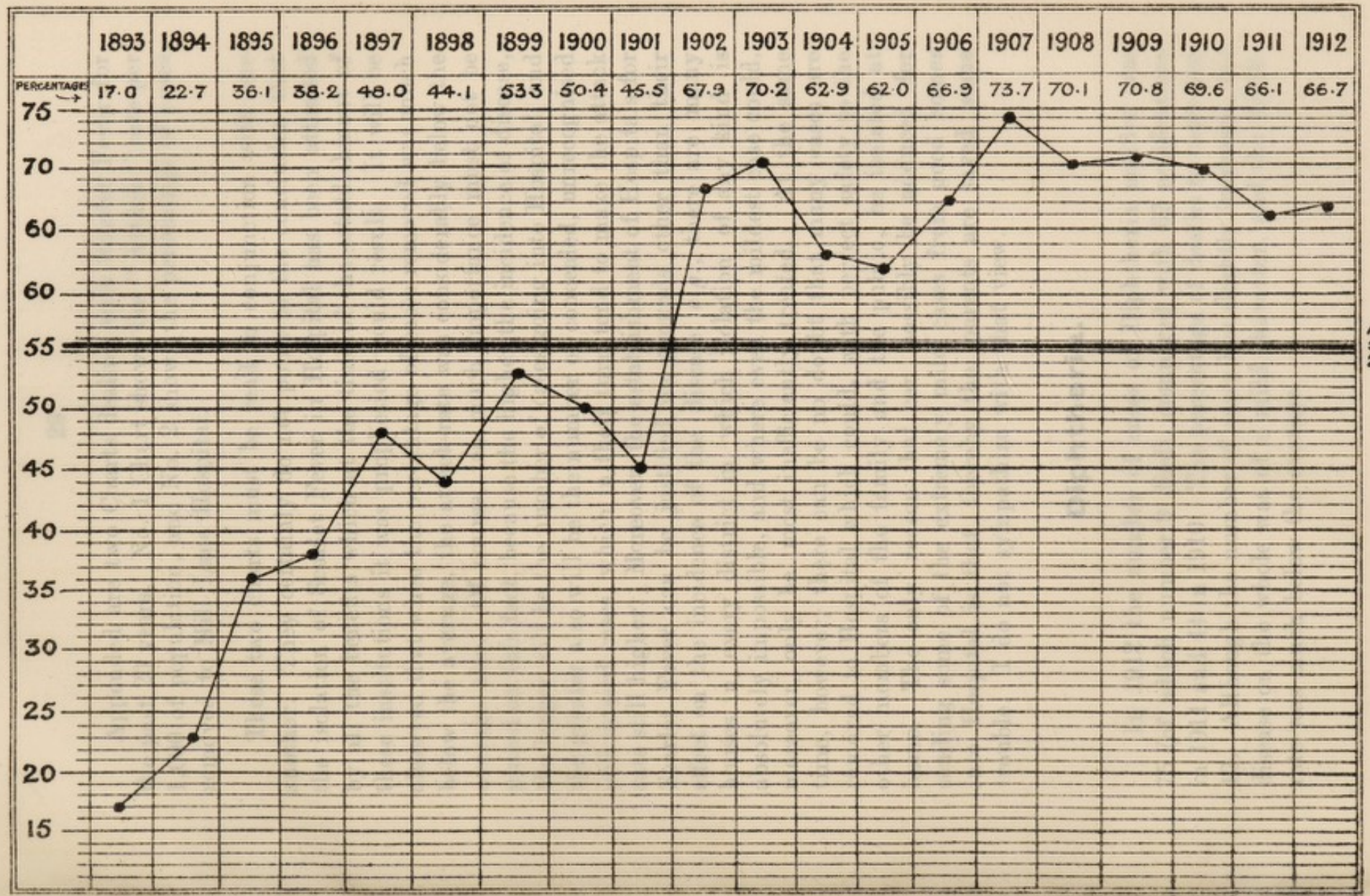


Chart showing percentage of SCARLET FEVER Cases
per 1000 of Population admitted to HOSPITAL.
Ages 0 to 15 years.

Appended are two Charts dealing with Scarlet Fever for the past 20 years. No. 1 Chart shows the "Attack" rate per 1,000 of population, and No. 2 shows the percentage of cases removed to Mill Lane Hospital.

These two charts must be read in conjunction with one another. They certainly do not point to the conclusion that the isolation of Scarlet Fever in Hospital has been attended by all the benefits which at the time of the establishment of these institutions it was prophesied would result. It will be observed that when the percentage of cases removed was much below the average, the attack-rate was considerably below the average also. Of course, too much importance must not be placed on this fact, because the higher the incidence of disease, the larger will be the number of cases going into Hospital, and the greater also will be the number of concealed, unrecognised and missed cases, which in their turn tend to make the attack rate still higher. Moreover, the establishment of Hospitals for Scarlet Fever can be justified on grounds other than their effect on the incidence of the disease, *e.g.*, there are many houses in every district in which isolation of any kind is absolutely impossible, and where even the mildest case could, moreover, only be most inefficiently treated. At the same time, however, there can be no doubt that many cases are removed to Hospital which could, with perfect safety to the other members of the family and the public, be isolated at home. The only reason that can possibly be adduced for sending some of the extremely mild cases from good homes into Hospital is that thereby the parents are saved some trouble. I do not sympathize with that view.

Diphtheria.

In 1912 the number of cases of Diphtheria notified was 75 (of which number 9 died), compared with 62 notifications in 1911 and 44 in 1910. The percentage of deaths to cases was 12. Although the number of cases has slightly increased, the disease on the whole was of a mild character, and the death-rate was much below the average.

The distribution of the cases in the Wards was as follows:—

No. 1	Ward ...	9	cases.	No. 6	Ward ...	6	cases.
,, 2	,, ...	11	,,	,, 7	,, ...	8	,,
,, 3	,, ...	6	,,	,, 8	,, ...	5	,,
,, 4	,, ...	12	,,	,, 9	,, ...	6	,,
,, 5	,, ...	4	,,	,, 10	,, ...	8	,,

The number of cases notified is 13 more than in 1911, and 17 more than the average for the previous 10 years.

39 cases were admitted to Hospital, of whom 3 died. Of the 39 cases admitted to Hospital as suffering from Diphtheria, 8 were found, on bacteriological examination, not to be so suffering.

During the year, 160,000 units of anti-toxin have been given to 34 medical men requiring it.

The following Table gives some very useful information with respect to Diphtheria and Croup in this district since 1890:—

Year.	Estimated Population Middle of Year.	Total Number of Cases Diphtheria and Croup.	No. of Deaths Registered Diphtheria and Croup.	Fatality per cent. of Cases.	Number of Cases Treated in Hospital.	Attack Rate per 1,000 Population.	Percentage of Cases Removed to Hospital.	Mortality per 1,000 Population.
1890	34,000	...	3	...	...	...	...	0·09
1891	33,500 (Census 33,229)	38	1	28·9	2	1·1	5·2	0·33
1892	34,500	34	...	17·6	3	1·0	8·8	0·16
1893	35,500	39	9	23·0	4	0·9	10·2	0·20
1894	37,000	35	9	25·6	10	0·9	28·5	0·24
1895	39,000	25	9	36·0	10	0·6	40·0	0·23
1896	41,500	35	6	17·1	8	0·8	22·8	0·14
1897	44,000	12	3	25·0	4	0·2	33·4	0·08
1898	46,800	32	5	15·1	12	0·6	37·5	0·10
1899	49,000	39	10	25·6	21	0·8	53·8	0·20
1900	52,000	28	3	10 7	8	0·5	28·5	0·06
1901	54,000 (Census 53,579)	55	12	21·8	22	1·0	40·0	0·22
1902	55,000	40	5	12·5	20	0·7	50·0	0·09
1903	56,000	40	3	7·5	27	0·7	67·5	0·05
1904	57,000	55	12	21·8	33	0·9	54·5	0·21
1905	58,500	65	10	15·3	45	1·1	69·2	0·17
1906	62,000	58	12	20·7	30	0·9	51·7	0·19
1907	67,000	92	7	7·6	61	1·3	66·3	0·10
1908	71,000	72	8	11·0	50	1·0	69·4	0·11
1909	73,000	57	9	15·7	31	0 7	54·4	0·12
1910	75,000	44	4	9·0	25	0·58	56·8	0·05
1911	79,000 (Census 78,504)	62	16	25·8	46	0·78	74·2	0·2
1912	81,000	75	9	12·0	39	0·9	52·0	0·09

Typhoid.

The number of cases of Typhoid notified was 16, compared with 24 last year (2 had contracted the disease outside the district). There were 3 deaths.

Of the 7 cases sent to Hospital notified as Typhoid or suspected to be Typhoid, 5 were found on observation not to so suffering.

In 1 case there was evidence of shellfish having been eaten, and in 2 cases of watercress having been eaten.

The death-rate was ·03 per 1,000 of population.

The drop in the number of notifications of Typhoid in recent years is very remarkable. I ought to mention that the drop is not confined to Wallasey. I think it can be truthfully said that Typhoid is a disease which is rapidly disappearing in England.

Deaths from Typhoid since 1887, with Rates.

Year.	Deaths.	Wallasey Rate per 1,000.	English Rate.	Notified Cases.
1887	11	0·45	0·21	...
1888	9	0·28	0·19	...
1889	12	0·36	0·19 (Act passed in 1889)	...
1890	9	0·26	0·19	42
1891	20	0·59	0·18	77
1892	20	0·57	0·14	62
1893	23	0·64	0·24	132
1894	13	0·35	0·16	89
1895	8	0·20	0·17	67
1896	10	0·24	0·17	112
1897	9	0·20	0·16	93
1898	9	0·19	0·18	87
1899	11	0·23	0·20	132
1900	17	0·32	0·17	163
1901	31	0·57	0·16	257
1902	12	0·21	0·13	64
1903	5	0·08	0·10	47
1904	7	0·12	0·09	39
1905	8	0·13	0·09	61
1906	5	0·08	0·09	65
1907	3	0·04	0·07	31
1908	4	0·05	0·07	34
1909	2	0·02	0·06	18
1910	5	0·06	0·05	14
1911	1	0·01	—	24
1912	3	0·03	—	16

Measles.

Measles was epidemic during the latter part of the year. There were 19 deaths from the disease, equal to a rate per 1,000 living of 0·23.

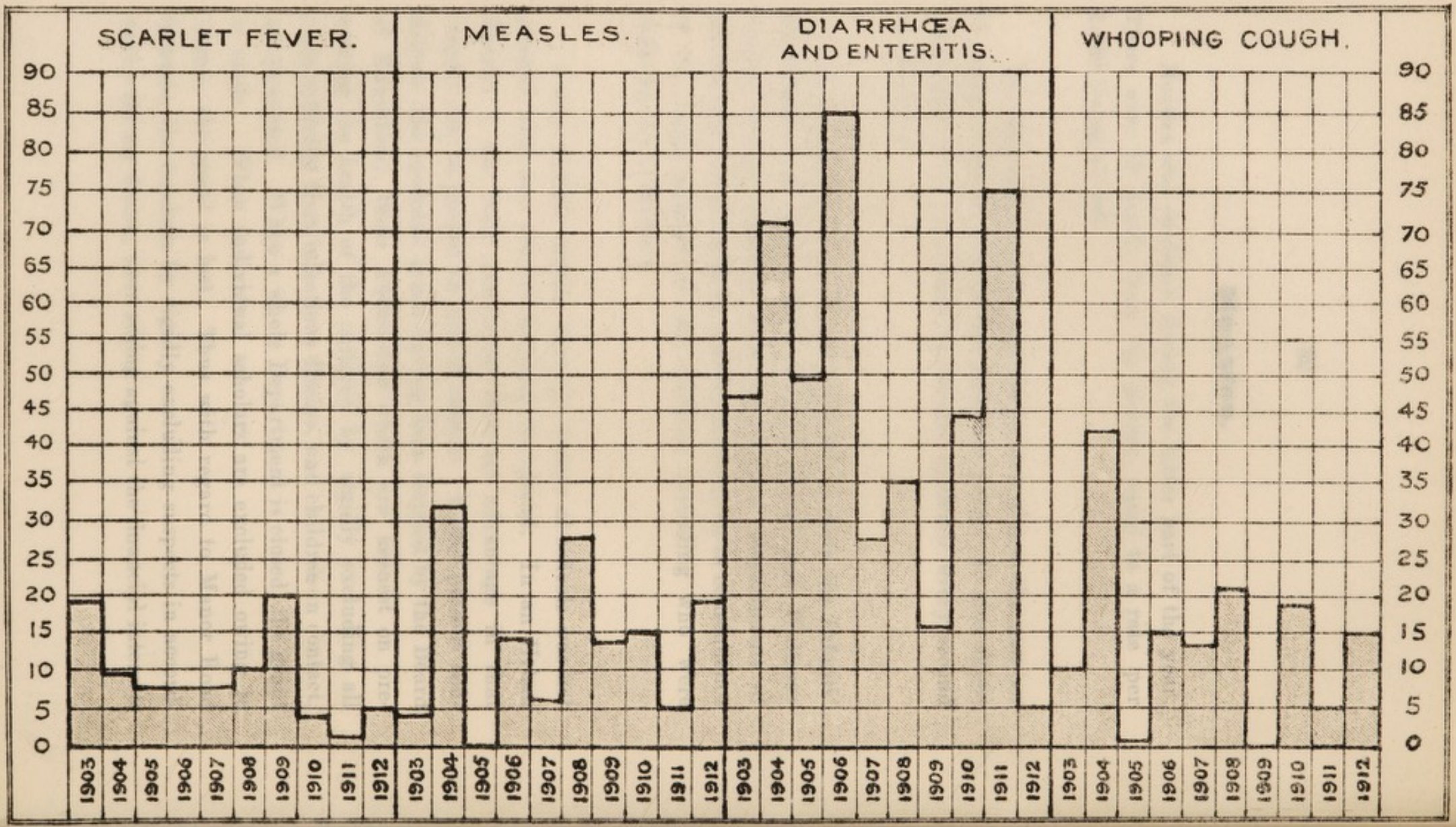
The diagram on next page shows at a glance the number of deaths from Measles in the past few years. It also shows the tendency of the disease to become epidemic every second or third year.

In December it was found advisable to close the Infants' Departments of Manor Road Council School and Wallasey Council School, together with the Infants' Departments of the Sunday Schools in those particular districts, in consequence of the large number of the children attending who were suffering from Measles.

I may frankly confess that the closure of schools was not advised with any idea of stopping its spread. In an Urban district I am fully convinced that no advantage in that respect can be gained by school closure. Under present conditions (the epidemic grant having been stopped by the Board of Education), those Authorities which are keenest on preserving the health of the children by rigidly excluding all cases suffering from infectious disease, and children in contact, are penalised. When a whole Department is closed, the grant is made. When individual scholars are excluded owing to illness, the grant is lost. Thus with regard to Manor Road Schools, the teachers by rigidly excluding suspects in accordance with my desire, were acting against the financial interests

Deaths in Wallasey during the past Ten Years from

Deaths in Wallasey during the past Ten years from



of the Education Committee. The closure of schools has, as regards the prevention of the spread of Measles, Whooping-cough and similar diseases, been proved by long experience to be a worthless procedure. Having advised the closure of a school, the source of information as to the number of fresh cases is at once cut off. The suspects, or even children actually suffering from the disease, play in the streets with other children while the schools are closed, or attend other schools. Surely the commonsense way of dealing with an epidemic is to exclude those actually suffering, together with susceptible contacts, and by visitation at the homes not only can advice be given as to the necessary treatment to be adopted, but infected children can be prevented from entering the school. The Authority attempting to stop the disease in this way, however, ought not to be penalised financially; and until the old condition is reverted to, I am sorely afraid that attempts to limit the spread of diseases like whooping-cough and measles are foredoomed to failure.

Whooping-cough.

There were 15 deaths from Whooping-cough during the year, equal to a death-rate per 1,000 living of 0·18. The disease became increasingly prevalent in the autumn.

Whooping-cough is not a disease which affects school life to the same extent as Measles, since it occurs in younger children, many of whom have not reached that exceedingly tender (and, in my opinion, much too early) age at which they are received into Public Elementary Schools.

The following Tables show the number of cases of Infectious Disease reported by the School Authorities :—

TABLE I.

Cases of Infectious Disease notified by Elementary Education Authority (from Medical Certificates received) to the Medical Officer of Health, 1912.

School.	Measles.	Chicken-pox.	Whooping-Cough.	Other Diseases.	Total.	Totals under "Other Diseases."					
						Mumps.	Scarlet.	Diphtheria.	Sore Throat.	German Measles.	Suspicious Sickness.
St. Paul's	5	1	6	1	13	...	...	...	1	...	...
St. Joseph's	8	...	15	...	23	...	...	...	...	...	...
Riverside	19	2	6	4	31	...	...	...	3	...	1
Wesleyan	15	1	1	4	21	...	...	...	4	...	...
Somerville	14	1	11	5	31	...	...	1	4	...	...
Poulton	45	2	8	5	60	...	1	...	4	...	...
St. Mary's	6	...	8	2	16	...	...	...	2	...	...
St. Alban's	1	...	...	...	1	...	...	...	...	...	...
Manor Road	43	1	...	4	48	...	...	...	4	...	...
Magazine Lane	4	...	...	...	4	...	...	...	...	...	...
Egerton Street	3	...	2	...	5	...	...	...	...	...	...
S.S. Peter and Paul	...	...	...	...	...	...	...	...	...	...	...
Vaughan Road	36	1	1	5	43	...	...	...	4	...	1
Wallasey	1	1	8	1	11	...	...	...	1	...	...
Totals	200	10	66	31	307	...	1	1	27	...	2

DISTRICT TOTALS—

Poulton-cum-Seacombe	106	7	47	19	179	...	1	1	16	...	1
Liscard	54	1	8	6	69	...	...	...	6	...	...
New Brighton	39	1	3	5	48	...	...	...	4	...	1
Wallasey	1	1	8	1	11	...	...	...	1	...	...
	200	10	66	31	307	...	1	1	27	...	2

TABLE II.

Cases of Suspected Infectious Disease notified by Elementary Education Authority (per reports of Head Teachers or Attendance Officers) to the Medical Officer of Health, 1912.

School.	Measles.	Chicken-pox.	Whooping-Cough.	Other Diseases.	Total.	Totals under "Other Diseases."					
						Mumps.	Scarlet.	Diphtheria	Sore Throat.	Rash.	Suspicious Sickness.
St. Paul's	40	11	...	...	51	...	...	...	...	...	...
St. Joseph's	77	10	17	20	124	...	7	1	6	...	6
Riverside	81	2	23	2	108	...	1	...	...	...	1
Wesleyan	47	2	18	2	69	...	2	...	...	...	...
Somerville	129	63	43	60	295	...	7	2	36	...	15
Poulton	74	33	19	94	220	20	9	...	52	...	13
St. Mary's	35	...	23	23	81	...	4	...	16	...	3
St. Alban's	11	1	...	9	21	...	1	1	6	..	1
Manor Road	107	11	77	65	260	...	...	...	40	...	25
Magazine Lane	25	...	3	...	28	...	...	...	...	...	...
Egerton Street	18	3	3	5	29	...	1	...	3	...	1
S.S. Peter and Paul	...	...	7	1	8	...	...	...	1	...	...
Vaughan Road	60	1	13	12	86	...	3	2	4	...	3
Wallasey	13	5	6	11	35	...	2	...	8	...	1
Totals	717	142	252	304	1415	20	37	6	172	...	69
DISTRICT TOTALS—											
Poulton-cum-Seacombe	448	121	120	178	867	20	26	3	94	...	35
Liscard	171	12	103	97	390	...	5	1	62	...	29
New Brighton	78	4	23	18	123	...	4	2	8	...	4
Wallasey	13	5	6	11	35	...	2	...	8	...	1
	717	142	252	304	1415	20	37	6	172	...	69

TABLE III.

CASES VISITED.

	Total number visited.	Number found not suffering as reported.
Mumps	20	3
Measles	717	14
Chicken-Pox	142	18
Whooping-Cough	252	34
Other Diseases	284	47
TOTAL	1415	116

Of the 142 Chicken-pox Cases visited, 9 were not vaccinated; 93 were well vaccinated, 4 marks; 9 had 3 marks; 10 had 2 marks; 21 had 1 mark.

TABLE IV.

SHOWS THE NUMBER OF CASES OF INFECTIOUS DISEASE REPORTED BY EDUCATION AUTHORITY MONTH BY MONTH IN 1912.

(per Medical Certificate).

	Measles.	Chicken-pox.	Whooping-Cough.	Other Diseases.	Total.	Totals under "Other Diseases."					
						Mumps.	Scarlet.	Diphtheria.	Sore Throat.	Suspicious Sickness.	
January	48	2	5	3	58	...	...	...	3	...	...
February	91	2	27	7	127	...	...	...	6	1	...
March	28	...	19	11	58	...	...	1	9	1	...
April	5	...	10	...	15	...	...	...	...	...	...
May	6	...	3	2	11	...	...	...	2	...	...
June	1	...	...	2	3	...	...	...	2	...	...
July	...	2	...	2	4	...	...	...	2	...	...
August	...	...	...	...	...	...	...	...	...	...	...
September	...	...	...	...	...	...	...	...	...	...	...
October	18	4	2	3	27	...	...	...	3	...	...
November	2	...	...	1	3	...	1	...	...	...	...
December	1	...	...	...	1	...	...	...	...	...	...
	200	10	66	31	307	...	1	1	27	2	...

TABLE V.

SHOWS THE NUMBER OF *SUSPECTED* CASES OF INFECTIOUS DISEASE REPORTED MONTH BY MONTH IN 1912.

	Measles.	Chicken-pox.	Whooping-Cough.	Other Diseases.	Total.	Totals under "Other Diseases."					
						Mumps.	Scarlet.	Diphtheria.	Sore Throat.	Suspicious Sickness.	
January	269	3	39	88	399	...	2	1	63	22	...
February	95	1	46	29	171	...	2	...	22	5	...
March	90	7	45	28	170	...	6	1	19	2	...
April	7	1	5	12	25	...	6	...	6	...	...
May	14	3	2	13	32	...	...	3	7	3	...
June	2	26	2	4	34	...	...	...	2	2	...
July	1	10	3	3	17	...	...	...	3	...	...
August	2	6	8	12	28	...	2	...	2	8	...
September	7	12	23	21	63	...	4	...	12	5	...
October	103	44	13	33	193	...	7	1	12	13	...
November	67	20	40	22	149	...	7	...	10	5	...
December	60	9	26	39	134	20	1	...	14	4	...
	717	142	252	304	1415	20	37	6	172	69	...

Schools.

The medical inspection of school children is not carried out under the direction of the Medical Officer of Health. The duties are discharged by one of the practitioners in the town.

Cases of infectious disease occurring among the scholars are notified to me, visited by one of the Lady Inspectors, and a report of the visit sent to the Education Secretary.

Summer Diarrhœa.

Diarrhœa now includes Enteritis.

5 deaths only were ascribed to these diseases, of which 3 were of children under one year. Only 1 death occurred from Summer Diarrhœa within the Borough.

1 was under 1 month.
2 were between 1 and 3 months.
1 was between 3 and 6 months.

All these were artificially fed.

The one death ascribed to that disease died in Tranmere Workhouse, namely, a foundling picked up in the street on August Bank Holiday by the Police. The other two deaths were due to Enteritis, and occurred in the early months of the year. Both were artificially fed, and had been ailing for some time.

COMPARATIVE TABLE SHOWING THE DAILY MEAN TEMPERATURE IN THE MONTHS OF AUGUST AND SEPTEMBER, 1911 AND 1912, AND THE NUMBER OF FATAL DIARRHŒA AND ENTERITIS CASES EACH WEEK IN THOSE MONTHS.

MONTH.	Mean Temperature. 1911.	Mean Temperature. 1912.	Fatal Diarrhœa and Enteritis each Week. 1911.	Fatal Diarrhœa and Enteritis each Week. 1912.	MONTH.	Mean Temperature. 1911.	Mean Temperature. 1912.	Fatal Diarrhœa and Enteritis each Week. 1911.	Fatal Diarrhœa and Enteritis each Week. 1912.
Aug. 1	69·6	55.5			Sept. 5	59·5	53·9		
,, 2	67·1	54·3			,, 6	60·2	52.9		
,, 3	66·4	53·8			,, 7	62·9	55·2		
,, 4	63·0	58·9	**5**	—	,, 8	64·7	52·2	**4**	—
,, 5	62·0	57·0			,, 9	58·6	47·7		
,, 6	61·3	58·3			,, 10	62·6	50·3		
,, 7	63·9	57·7			,, 11	61·7	48·2		
,, 8	71·9	57·6			,, 12	60·0	51·5		
,, 9	70·9	55·9			,, 13	57·3	54·3		
,, 10	63·7	54·5			,, 14	56·2	55·0		
,, 11	65·6	56·4	**9**	—	,, 15	51·4	55·2	**5**	—
,, 12	72·2	56·5			,, 16	50·3	55·7		
,, 13	78·2	54·5			,, 17	54·2	55·8		
,, 14	73·7	53·3			,, 18	55·2	54·8		
,, 15	65·0	57·2			,, 19	57·0	50·1		
,, 16	63·4	57·8			,, 20	58·4	52·6		
,, 17	63·9	60·2			,, 21	50·7	52·1		
,, 18	64·3	56·6	**9**	—	,, 22	51·2	53·8	**7**	—
,, 19	63·9	56·7			,, 23	55·3	52·8		
,, 20	66·5	55·4			,, 24	56·8	52·7		
,, 21	62·8	54·7			,, 25	55·4	49·6		
,, 22	61·5	54·8			,, 26	58·0	51·6		
,, 23	60·1	56·0			,, 27	57·2	50·3		
,, 24	63·5	56·8			,, 28	53·7	52·4	**3**	—
,, 25	61·4	57·9	**14**	—	,, 29	51·8	56·0		
,, 26	67·8	55·3			,, 30	49·1	54·2		
,, 27	63·3	53·9							
,, 28	62·9	56·7							
,, 29	60·3	56·7							
,, 30	59·6	56·5							
,, 31	59·0	55·9							
Sept. 1	65·4	55·6	**10**	**1**					
,, 2	60·5	54·1							
,, 3	61·0	56·0							
,, 4	61·3	55·0							

Phthisis.

The deaths from Phthisis numbered 68, equal to a death-rate of 0·8 per 1,000 of the population, which is slightly lower than last year. It should be noted, however, that, if the Phthisis rate is taken as affording any indication of the healthiness of this particular district, it is a misleading figure, because, as a matter of fact, the good reputation of this district attracts people suffering from Phthisis to come and live here, in the hope of improving or curing their condition. Of the 67 deaths above referred to no fewer than 8 occurred among people who had been resident in the place 12 months and under, and who had come to the district specially for the sake of their health. Ten other deaths occurred amongst people similarly placed, but who had been in the district two years and under. By the new system of transferring deaths, moreover, we have this year been credited with 5 deaths of which in former years we would never have heard. Excluding these 23, our rate per 1,000 of population would only be 0·5.

Of the total number of deaths, 9 died in the Workhouse Hospital.

As a further indication that people suffering from Phthisis are attracted to Wallasey, I may mention that of the 176 notifications received during the year, no fewer than 30 had come to reside within the Borough within the previous few months, having been attracted here or advised to come here because of their condition.

NOTIFICATIONS.

Excluding 35 duplicate notifications the following Table shows the number and source of notifications of Phthisis received during 1912, the sexes and the ages.

SEXES	CASES NOTIFIED BY									AGE PERIODS.																	Totals
										Under																Over 70	
	Private Pract.	Victoria Central Hospital (Dispensary)	Tranm're Union Infirm'ry	Poor Law Doctors	Liverpool Consumption Hospital	Other Liverpool Hospit'ls	Wallasey Cottage Hospital	Other San'toria	TOTALS	5	10	15	20	25	30	35	40	45	50	55	60	65	70		
Males	73	6	7	2	6	1	1	1	97	...	4	2	4	11	17	11	10	15	15	4	2	1	1	...	97
Females	70	5	2	—	1	1	...	...	79	...	2	2	4	11	12	17	9	6	6	2	5	2	1	...	79
Totals	143	11	9	2	7	2	1	1	*176	...	6	4	8	22	29	28	19	21	21	6	7	3	2	...	176

* 39 of these proved fatal during the year.

DEATHS.

Table showing the number of deaths from Phthisis of residents and non-residents in the district and in the Union Infirmary and elsewhere during 1912, and showing also the sexes and the ages.

SEXES.	Deaths of Wallasey Residents in				TOTALS	AGE PERIODS.															
						Under														Over 70	
	Wallasey	Tranmere Infirmary	Liverpool Institutions	Elsewhere *		5	10	15	20	25	30	35	40	45	50	55	60	65	70		
Males	30	6	...	4	40	...	...	...	2	1	4	4	8	7	7	2	3	...	2	...
Females ...	17	3	1	7	28	...	...	...	4	2	6	3	5	3	3	...	2	...	...	...
Totals... ...	47	9	1	11	68	...	...	...	6	3	10	7	13	10	10	2	5	...	2	...

These include the deaths of 11 people whose illness had not been notified before death. * Asylums, Sanatoria, &c.

An attempt is made to disinfect all premises where Phthisis cases have occurred. This is done in every case after a fatal termination, but in the case of removals it is difficult. Although people are encouraged to notify the Local Authority in the event of their removal, very few do so, and their departure from the infected house to infect another is only discovered when the routine visit is made. In many instances, then, the infected house is found occupied by another family, and under these conditions it is very difficult to get the premises disinfected.

The experiment entered into in 1911 with regard to the treatment of Phthisis cases at Mill Lane Hospital, has been continued throughout the year, with very marked success in the majority of instances. 32 cases (including re-admissions) have been treated. It is early days to talk of cures, and some of those admitted were more or less advanced cases, but even of these all went out much improved, while in 8 instances no signs of the disease could be detected on discharge.

Result of Enquiries—Family History.

In 89 instances				no previous history of Phthisis among actual members of the family could be ascertained.		
,, 50	,,	1	member of the family (or immediate relatives) had died of Phthisis.			
,, 23	,,	2	,,	,,	,,	,,
,, 2	,,	3	,,	,,	,,	,,
,, 1	,,	4	,,	,,	,,	,,

These figures show that a history of a previous death in a family from Phthisis occurred in 43 per cent. of the cases; but it is not suggested that in every instance the previous case was the cause of the second, since often the infected person had not been in contact with the first case for several years.

Enquiries also showed that in 10 instances other members of the family were at present suffering, or supposed to be suffering, from Phthisis. In a few instances no information as to family history could be ascertained.

Commencement of Illness.

Enquiries have also been made with a view to ascertaining the probable date of onset of the disease.

In 65 instances the illness *was said* to have commenced less than a year prior to notification or death.

,, 22	,,	between 12 and 18 months	,,	,,	,,
,, 5	,,	,, 18 months and 2 years	,,	,,	,,
,, 31	,,	,, 2 and 3 years	,,	,,	,,
,, 14	,,	,, 3 and 4 years	,,	,,	,,
,, 15	,,	,, 4 and 5 years	,,	,,	,,
,, 8	,,	,, 5 and 6 years	,,	,,	,,
,, 1	,,	,, 6 and 7 years	,,	,,	,,
,, 7	,,	,, 7 and 8 years	,,	,,	,,
,, 6	,,	,, 8 and 9 years	,,	,,	,,
,, 4	,,	,, 9 and 10 years	,,	,,	,,
,, 2	,,	,, 10 and 11 years	,,	,,	,,
,, —	,,	,, 11 and 12 years	,,	,,	,,
,, 1	,,	,, 15 and 20 years	,,	,,	,,
,, 2	,,	,, 20 and 25 years	,,	,,	,,

In the remaining instances the date of commencement of illness could not be ascertained.

Alcohol.

The enquiries with respect to the use or abuse of alcohol in each case gave the following results:—

Intemperate, or heavy drinkers	23
Moderate drinkers	99
Abstainers	59

Information not ascertainable in the remaining instances.

Habits.

Enquiries were made in each case as to the "tubercular" habits of the patient, viz., whether the sputum was burnt, and whether due precautions were being taken to prevent the infection of others. In 11 instances the patients were said to be of dirty habits, in 5 fairly clean, whilst in the remaining cases, so far as could be ascertained, the patients took every precaution against spreading the infection.

Advantage is taken of the visits to houses where consumptives live to thoroughly inspect the premises and to have

all the sanitary defects remedied and necessary repairs carried out.

The sanitary conditions prevailing were as follows, the points particularly noted being whether the houses or rooms were dark, damp, or dirty:—

In 21 instances the houses or rooms were damp or dark, or both, and in 9 instances were dirty.

The following Table shows the occupations, so far as could be ascertained, of the Phthisis cases, notified or fatal, that occurred during 1912:—

1 Average Adjuster.
1 Baker.
1 Bricksetter.
1 Building Inspector.
2 Carters, Drivers, etc.
1 Charwoman.
2 Checkers.
18 Clerks.
4 Commercial Travellers.
1 Commission Agent.
1 Cotton Porter.
1 Customs Officer (ex.).
1 Deck Hand (Ferries).
7 Domestic Servants.
1 Druggist.
1 Electrician.
4 Engineers, Fitters, etc.
1 Flatman.
1 Gardener.
2 Gravediggers.
1 Hairdresser.
5 Housekeepers.
17 Independent means or no occupation.
7 Labourers (general).
1 Labourer (grain warehouse).
1 Laundress.
1 Linotype Operator.
1 Marble Finisher.
1 Medical Practitioner.
2 Merchants.
2 Millers.
1 Milliner.
1 Proof-reader.
1 Police Sergeant (ex.).
1 Railway Porter, etc.
1 Rent, etc., Collector.
1 Saddler's Assistant.
1 Sailor.
1 Scaler.
5 School Children.
3 School Teachers.
1 Stewardess.
1 Shipwright.
5 Shop Assistants, etc.
1 Stonemason.
1 Teacher of Dancing.
1 Telegraphist.
2 Waiters, etc.
8 Widows.
37 Wives.

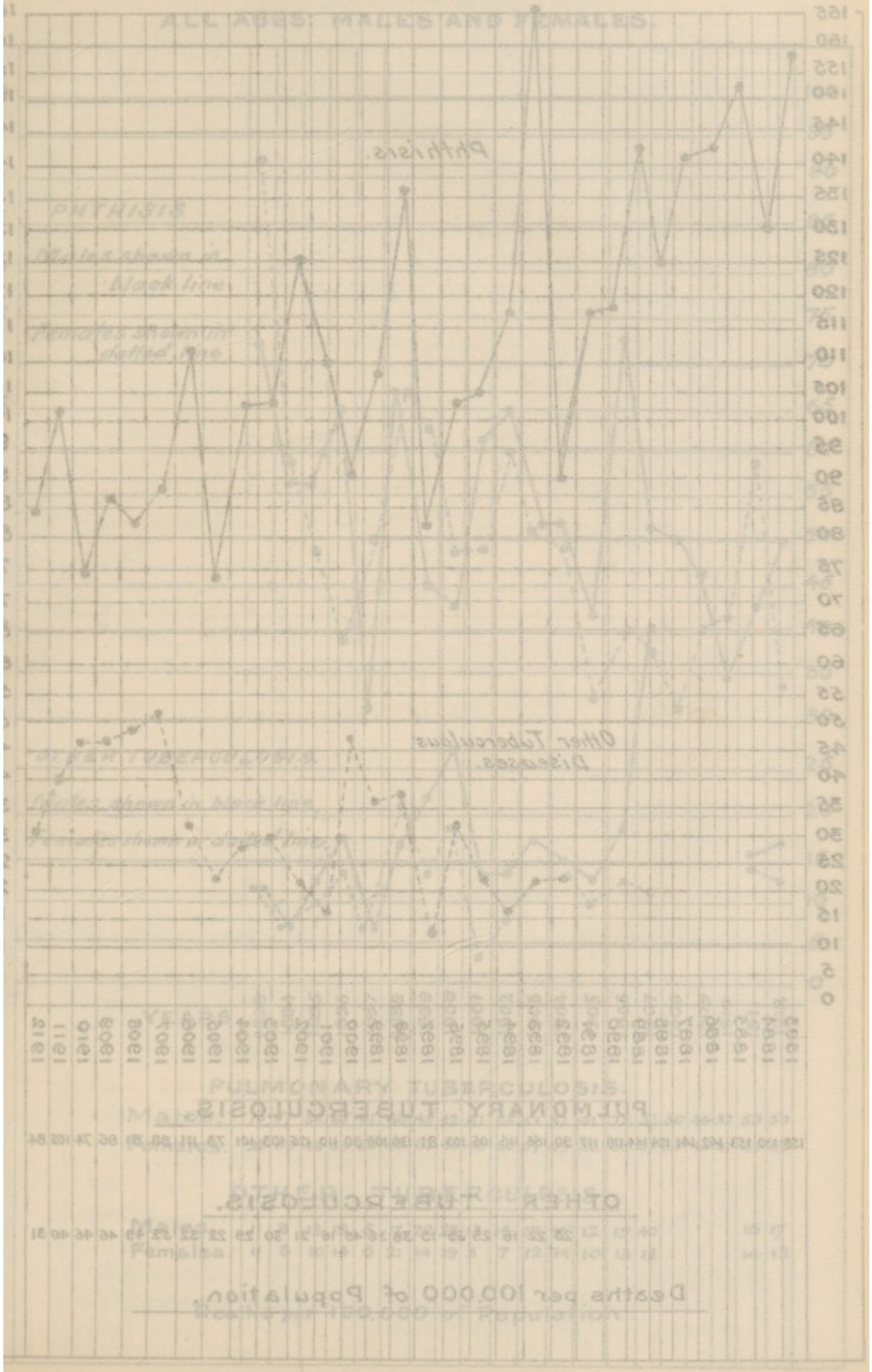
Information not obtainable in the remaining instances.

Deaths from Phthisis In Wallasey since 1901.

Year.	M	F	Under 1		1 to 5		5 to 15		15 to 25		25 to 65		65 & over.	
			M	F	M	F	M	F	M	F	M	F	M	F
1901...	33	26	...		...		2		7		48		2	
1902...	36	33	...		1		1		12		55		...	
1903...	29	29	...		...		2		7		46		3	
1904...	30	28	...		1		5		10		38		4	
1905...	24	19	...		3		2		8		29		1	
1906...	45	24	2		7		2		11		45		2	
1907...	34	25	1		1		2		10		45		...	
1908..	36	22	...		...		2		4		49		3	
1909...	34	29	...		...		0	1	5	2	25	26	4	0
1910...	21	26	1		...		...	1	8	6	13	17	...	1
1911...	47	34	...		...	1	1	1	10	7	34	24	2	1
1912...	40	27	...		...		...		3	6	35	21	2	...

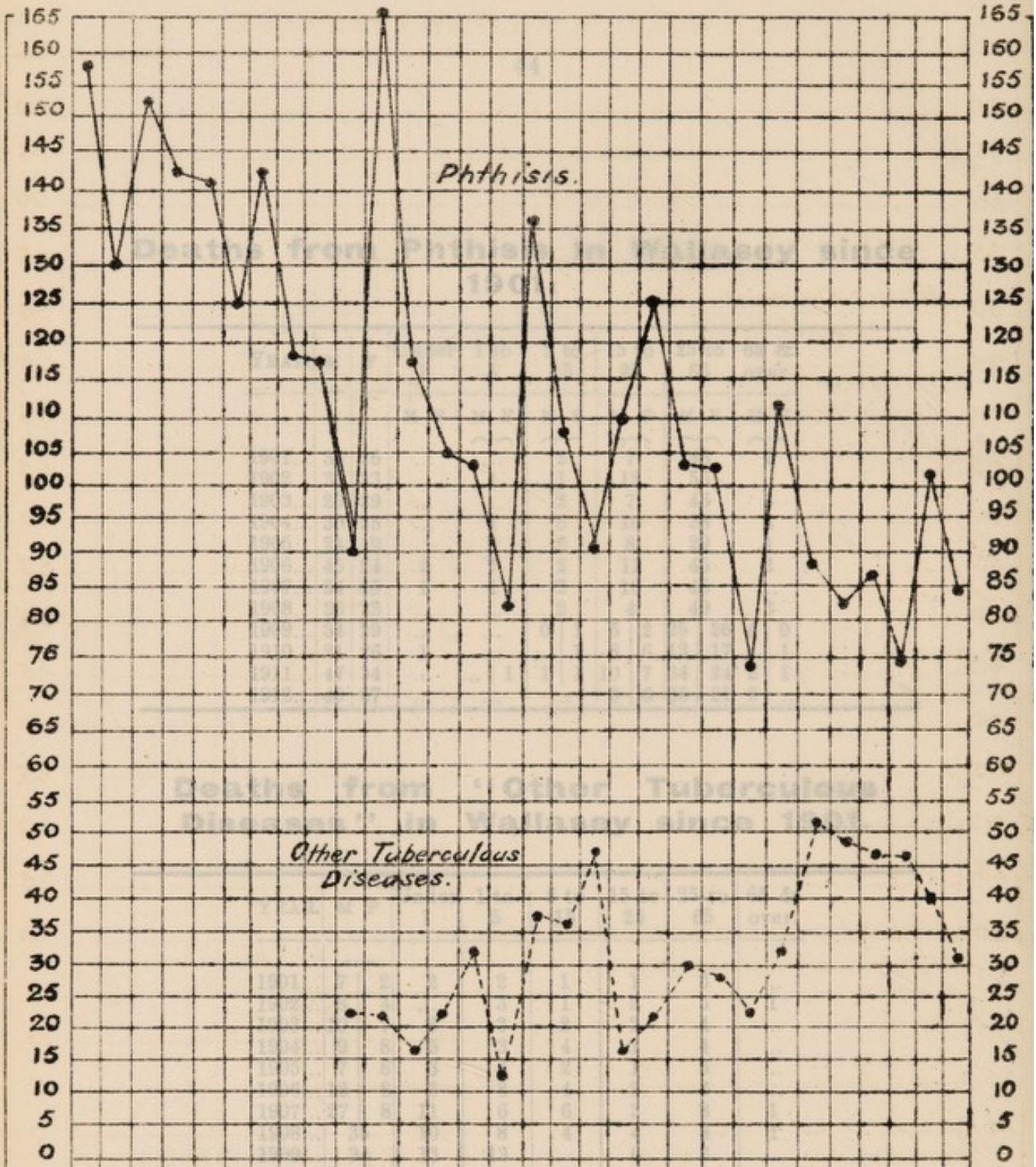
Deaths from "Other Tuberculous Diseases" in Wallasey since 1901.

Year.	M	F	Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 & over.
1901...	7	2	2	2	1	1	3	...
1902...	8	4	...	3	1	2	5	1
1903...	10	7	6	3	2	2	4	...
1904...	9	8	5	3	4	1	4	...
1905...	7	6	3	4	2	1	3	...
1906...	12	8	3	8	4	2	3	...
1907...	27	8	11	6	6	3	8	1
1908...	35		10	8	4	4	8	1
1909...	34		13	13	...	6	2	...
1910...	35		7	17	2	5	4	...
1911...	13	19	6	13	4	1	6	2
1912...	14	11	8	12	2	—	3	—


Phthisis.
Other Tuberculous Diseases.
Deaths per 100,000 of Population.

TUBERCULOSIS 1883 TO 1912.

YEARLY DEATHS per 100,000 of POPULATION ALL AGES AND BOTH SEXES.



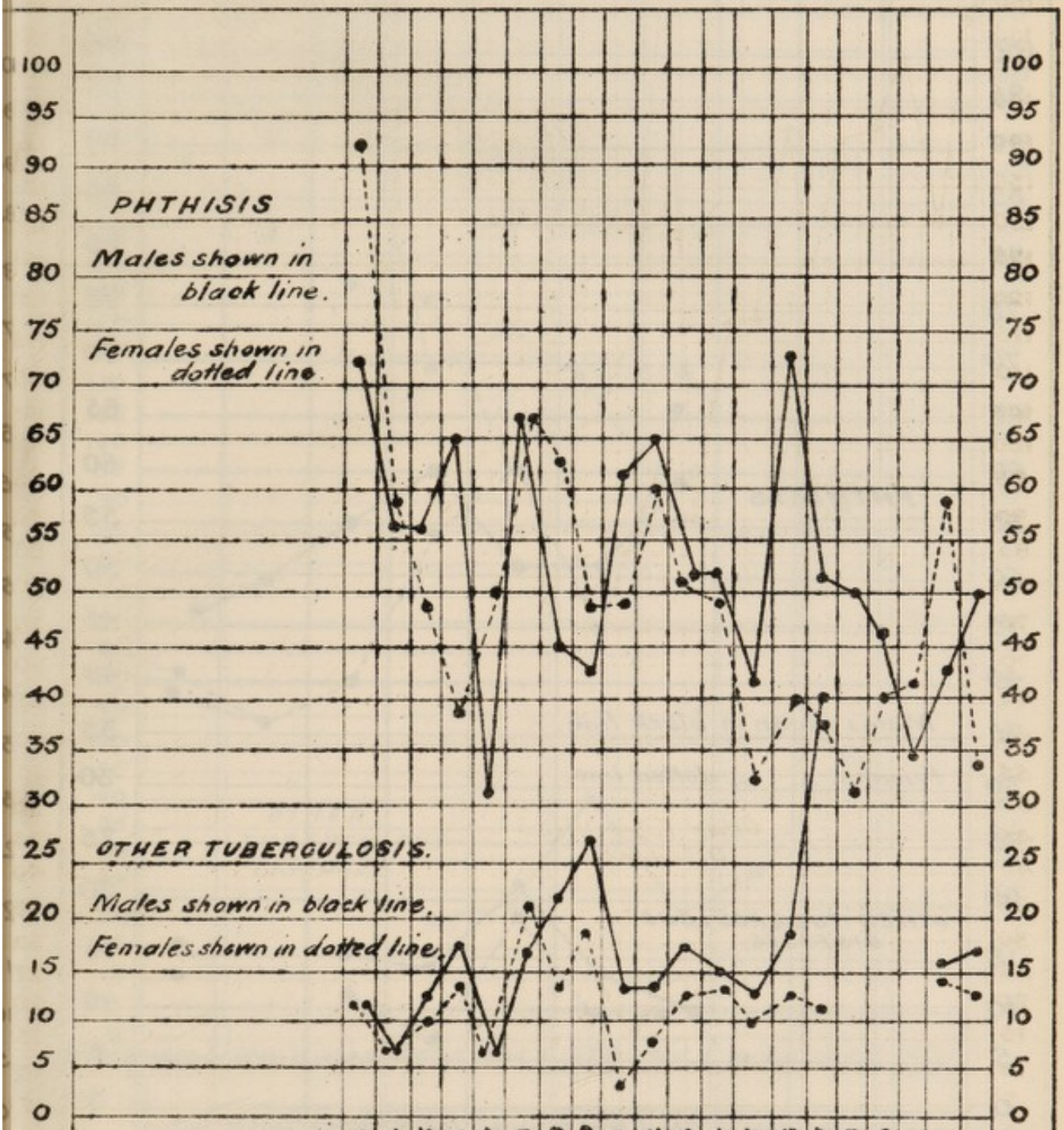
	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
PULMONARY TUBERCULOSIS.	158	130	153	142	141	124	144	118	117	90	166	116	105	103	81	135	108	90	110	125	103	101	73	111	88	81	86	74	102	84
OTHER TUBERCULOSIS.										23	22	16	23	32	13	38	36	48	16	21	30	29	22	32	52	49	46	46	40	31

Deaths per 100,000 of Population.

CHART 2.

TUBERCULOSIS 1893 TO 1912.

YEARLY DEATHS per 100,000 of POPULATION, ALL AGES: MALES AND FEMALES.



YEARS	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
PULMONARY TUBERCULOSIS.																				
Males.	73	57	56	65	31	68	45	42	61	65	51	52	41	72	51	50	46	33	59	50
Females.	92	59	48	38	50	68	63	48	49	60	51	49	32	39	37	31	40	41	43	53
OTHER TUBERCULOSIS.																				
Males.	11	8	13	19	6	17	22	28	13	14	17	15	12	19	40				16	17
Females.	11	8	10	14	6	21	14	19	3	7	12	14	10	13	12				14	13

Deaths per 100,000 of Population.

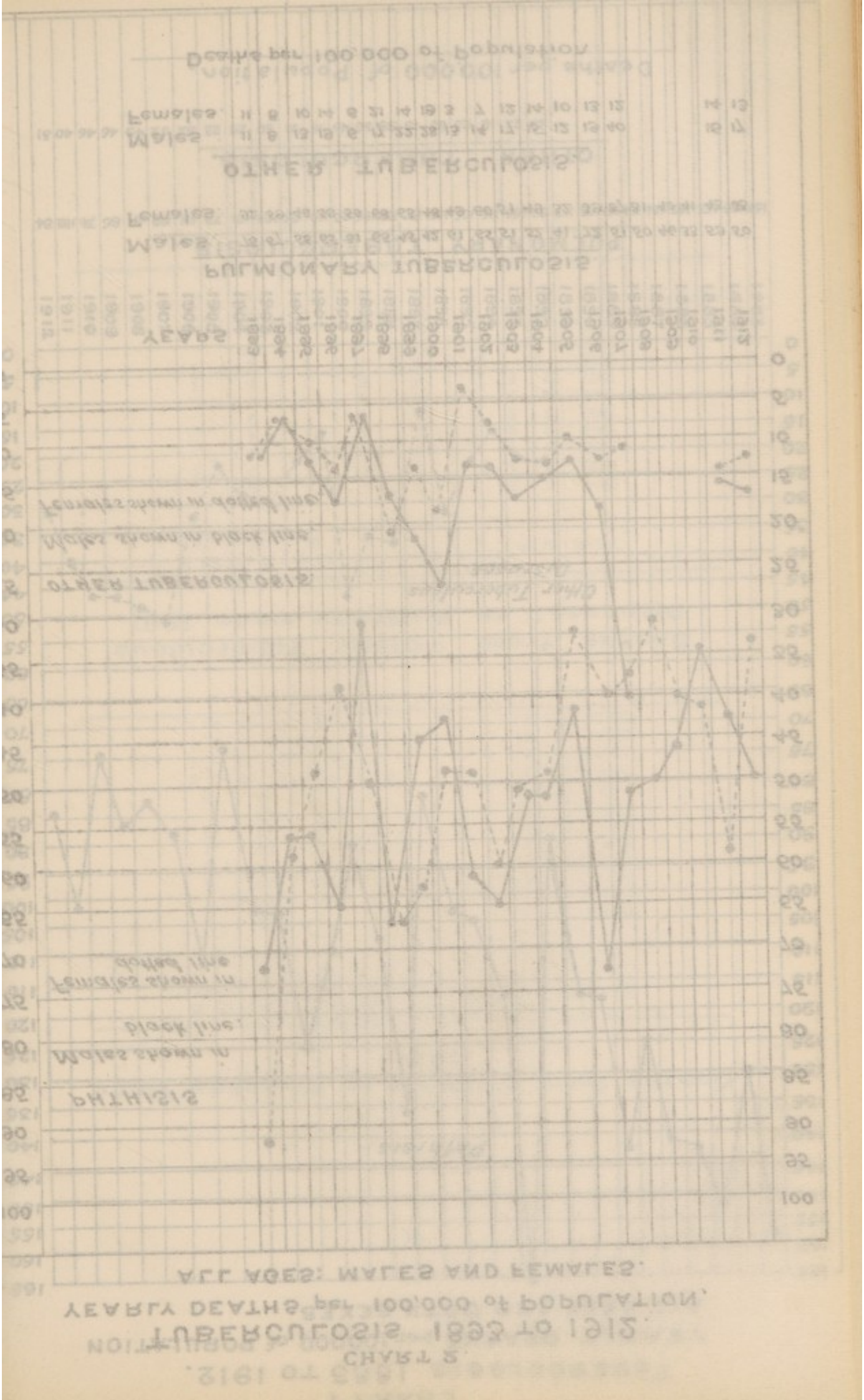
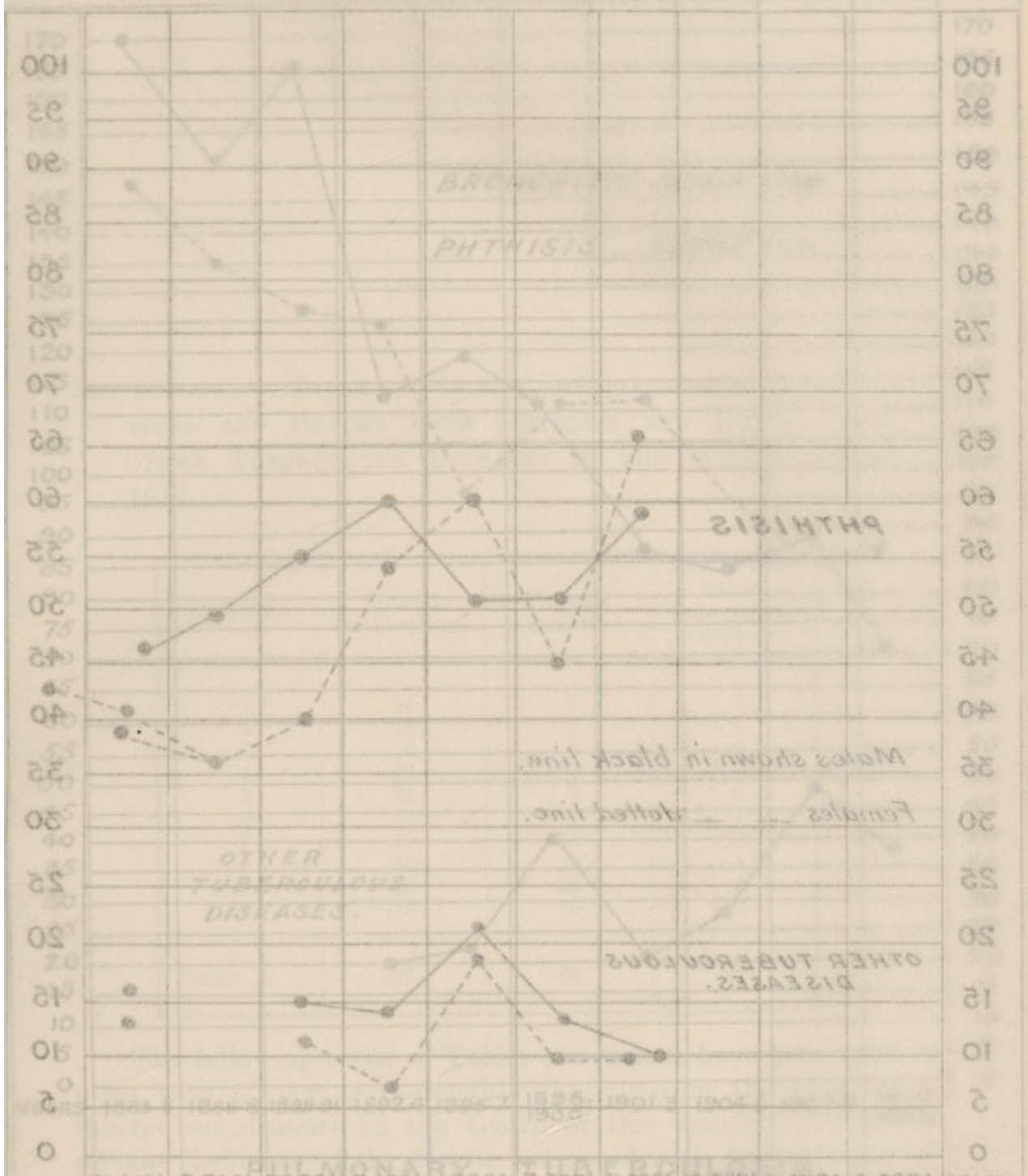


CHART 3.

TRIENNIAL PHTHISIS RATES (all ages) per 10,000 population.

MALES & FEMALES.



PULMONARY TUBERCULOSIS.

Males	57	51	51	60	55	49	47
Females.	66	45	60	53	40	36	39

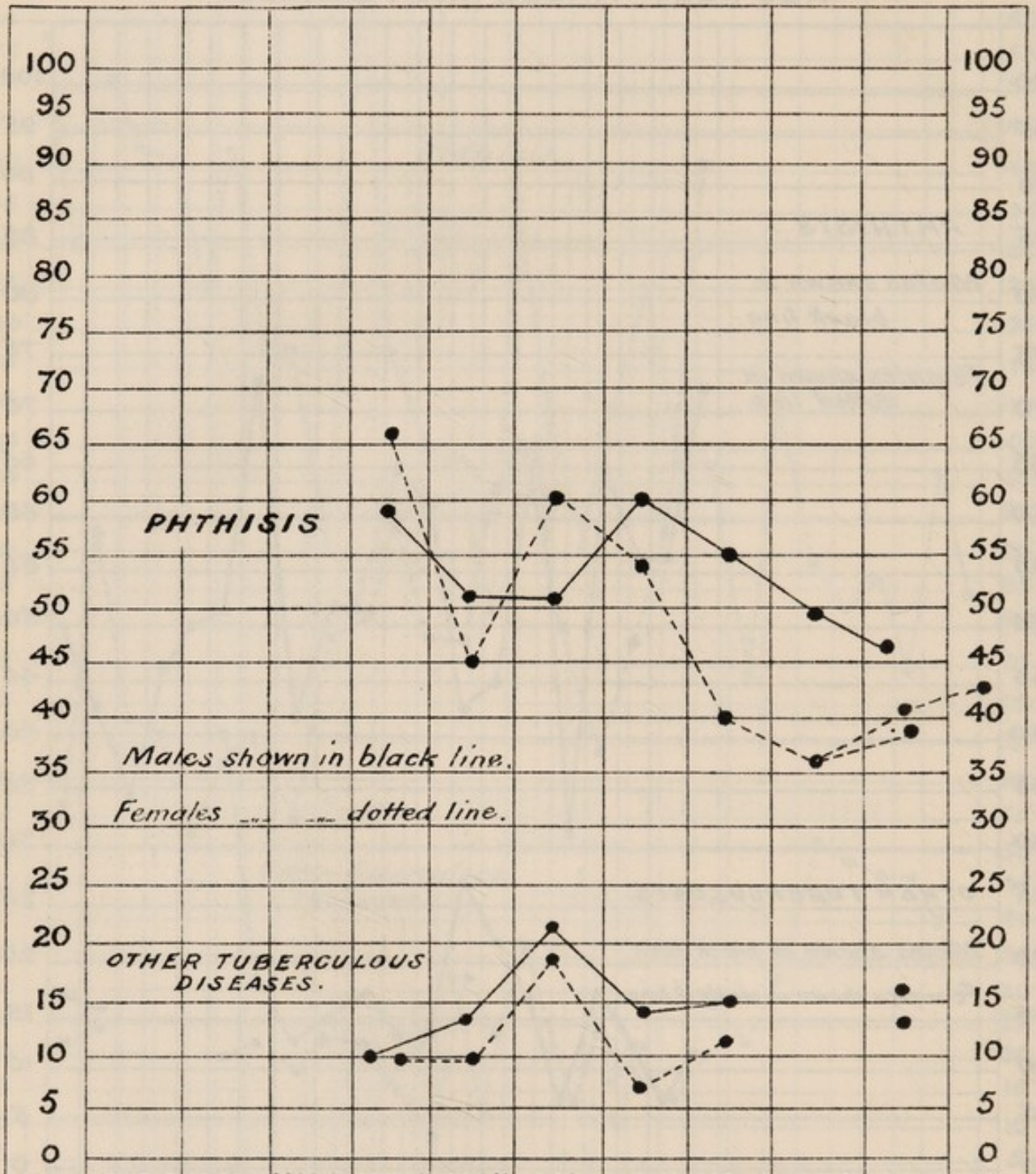
OTHER TUBERCULOSIS.

Males	10	13	22	14	15	-	23
Females.	10	10	18	7	12		

NOTE: As for several years the rates for the Sexes from Other Tuberculous Diseases were not kept separate, it is impossible to give complete figures.

CHART 3.

TRIENNIAL PHTHISIS RATES (all ages) per 100,000 population. MALES & FEMALES.



PULMONARY TUBERCULOSIS.

	1892-4	1895-7	1898-1900.	1901-3	1904-6	1907-9	1910-12
Males.	57	51	51	60	55	49	47
Females.	66	45	60	53	40	36	39

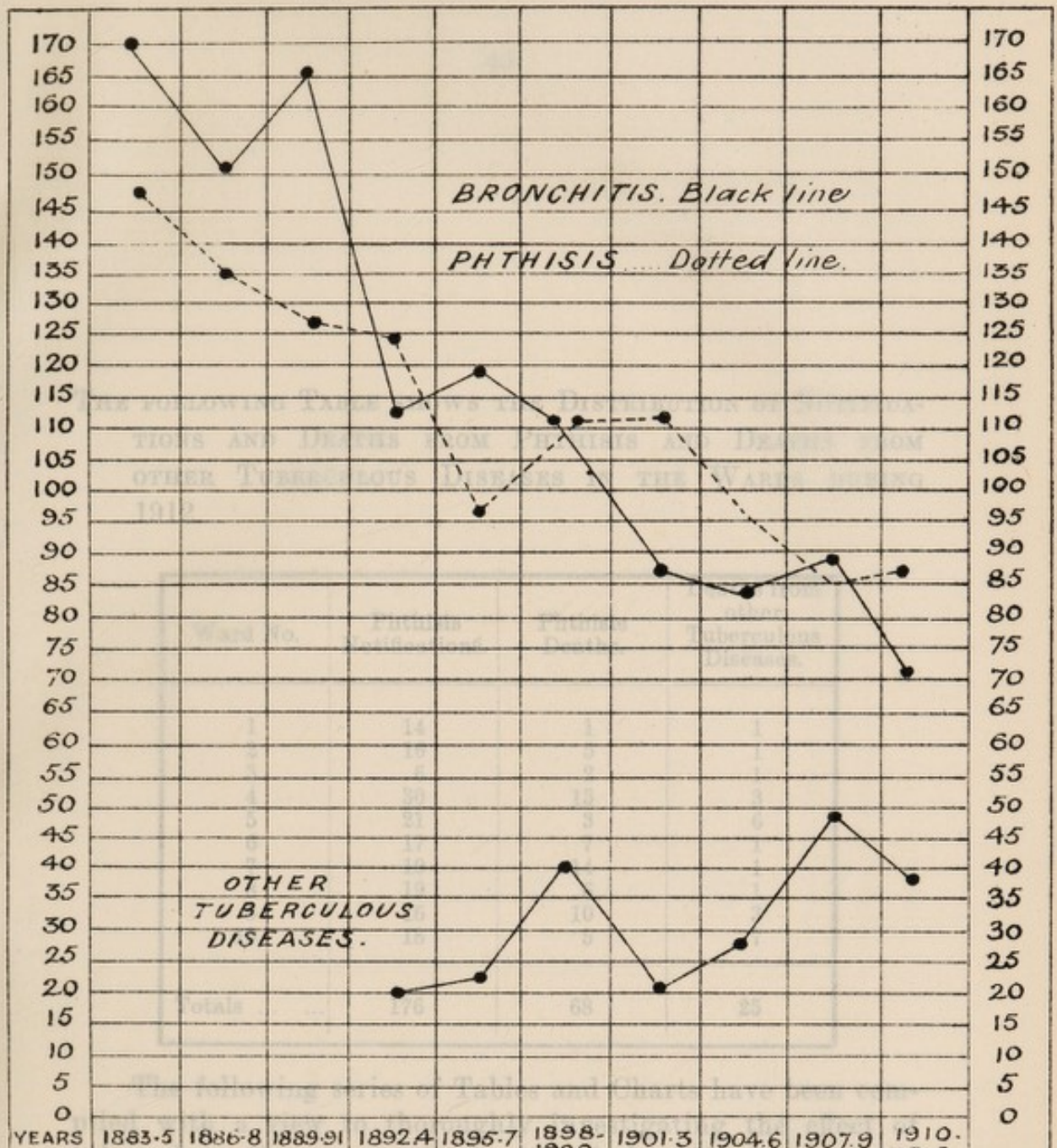
OTHER TUBERCULOSIS.

	1892-4	1895-7	1898-1900.	1901-3	1904-6	1907-9	1910-12
Males	10	13	22	14	15	-	23
Females.	10	10	18	7	12	-	16

NOTE: As for several years the rates for the Sexes from Other Tuberculous Diseases were not kept separate, it is impossible to give complete figures.

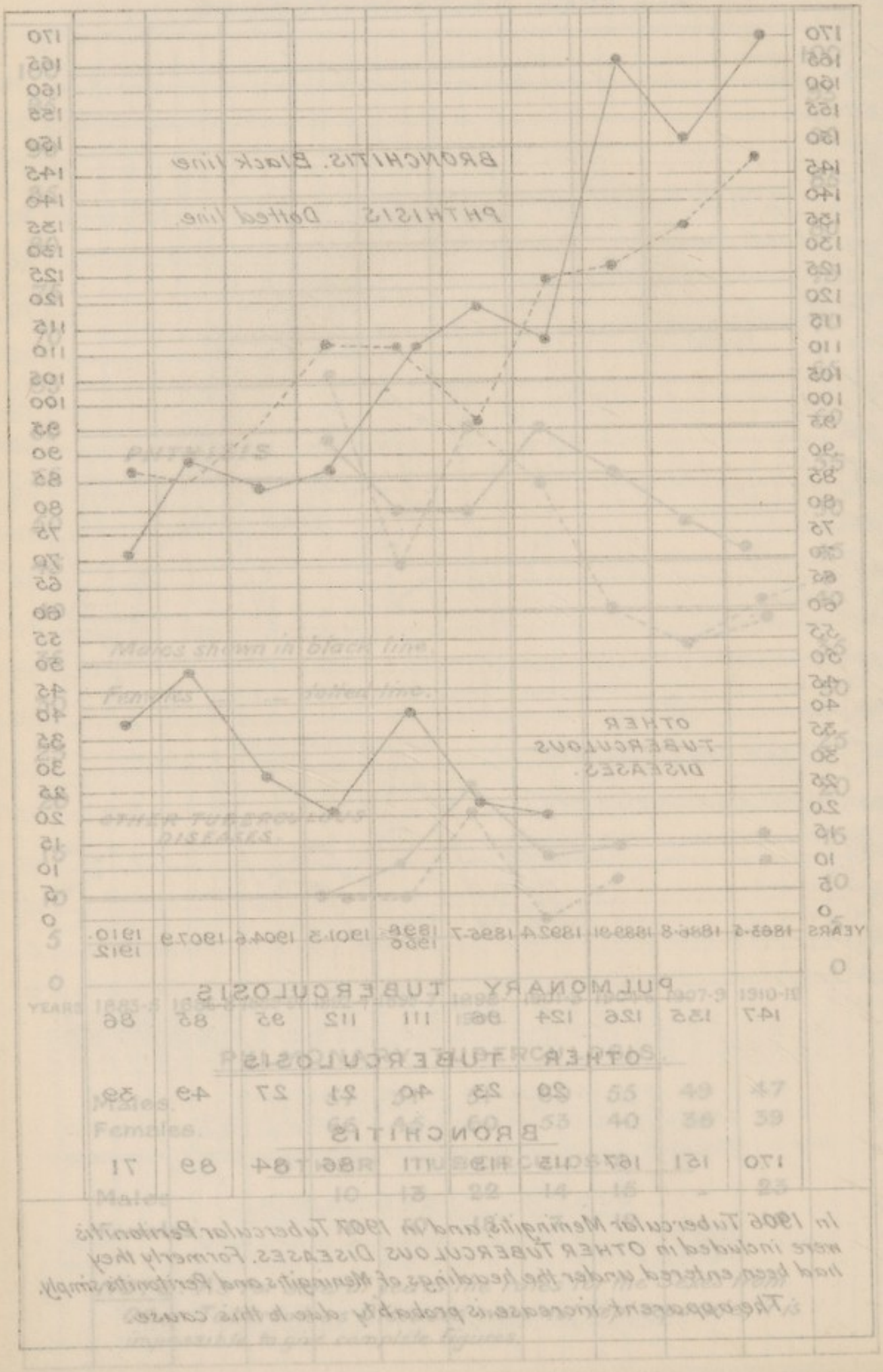
CHART 4.

TRIENNIAL RATES
(DEATHS - ALL AGES, BOTH SEXES)
per 100,000 Population



YEARS	1883-5	1886-8	1889-91	1892-4	1895-7	1898-1900	1901-3	1904-6	1907-9	1910-1912
PULMONARY TUBERCULOSIS.	147	135	126	124	96	111	112	95	85	86
OTHER TUBERCULOSIS				20	23	40	21	27	49	39
BRONCHITIS	170	151	167	113	119	111	86	84	89	71

In 1906 Tubercular Meningitis, and in 1907 Tubercular Peritonitis were included in OTHER TUBERCULOUS DISEASES. Formerly they had been entered under the headings of Meningitis and Peritonitis simply. The apparent increase is probably due to this cause.


BRONCHITIS. Black line
PNEUMONIA. Dotted line.
OTHER TUBERCULOUS DISEASES.
Males shown in black line.
Females " " dotted line.
PULMONARY TUBERCULOSIS
OTHER TUBERCULOUS DISEASES
BRONCHITIS
YEARS
1885-9
1890-4
1895-9
1900-4
1905-9
1910-12

THE FOLLOWING TABLE SHOWS THE DISTRIBUTION OF NOTIFICATIONS AND DEATHS FROM PHTHISIS AND DEATHS FROM OTHER TUBERCULOUS DISEASES IN THE WARDS DURING 1912.

Ward No.	Phthisis Notifications.	Phthisis Deaths.	Deaths from other Tuberculous Diseases.
1	14	1	1
2	16	5	1
3	6	2	1
4	30	15	3
5	21	3	6
6	17	7	1
7	19	14	1
8	19	6	1
9	16	10	3
10	18	5	7
Totals	176	68	25

The following series of Tables and Charts have been compiled with a view to thoroughly investigating the effect of tuberculous diseases on the health of this district, and the present incidence of the disease compared with former years.

It may be urged that the decline or increase in Phthisis may be due to the inclusion of deaths really due to Phthisis in Bronchitis, or *vice-versa*. Deaths from Bronchitis are, therefore, shown in this Table. It will be noticed that the deaths at the present time are just about half of what they were in the triennial period of 1883-1885.

A striking fact is the decline in the Bronchitis rate *pari passu* with that of Phthisis. Bronchitis is not a communicable disease. Is this fact an indication of the improvement in the social condition of the mass of the people, where, by better housing, better clothing, and better food, they are less likely to contract a disease like Bronchitis?—factors, without doubt, in the decline of Phthisis also.

TABLE SHOWING PROPORTION OF DEATHS FROM TUBERCULOSIS TO DEATHS FROM ALL CAUSES AT ALL AGES DURING THE YEARS 1883 TO 1912 (QUINQUENNIAL PERIODS).

YEARS.	POPULATION	AVERAGE YEARLY NUMBER OF DEATHS.				NUMBER OF TUBERCULOUS DEATHS IN EVERY 100 FROM ALL CAUSES.		
		All Causes	TUBERCULOUS DISEASES.			Phthisis.	Other Tuber-culosis	Total.
			Phthisis.	Other.	Total.			
1883—1887...	27,453	449	40	...	...	8·9	...	...
1888—1892...	32,945	531	39	..	...	7·3	...	...
1893—1897...	39,400	624	44	8	52	7·0	1·2	8·2
1898—1902...	51,276	789	58	16	74	7·3	2·0	9·3
1903—1907...	60,100	830	57	20	77	6·8	2·4	9·2
1908—1912...	75,800	923	65	32	97	7·0	3·4	10·4

NOTE.—In 1906 Tubercular Meningitis, and in 1907 Tubercular Peritonitis were included in Other Tuberculous Diseases. Formerly they were entered under the headings of Meningitis and Peritonitis simply.

TABLE SHOWING

(1) Total Deaths from ALL CAUSES in triennial periods since 1893, at various AGE PERIODS.
(2) Total Deaths from PHTHISIS do. do. do.
(3) The PERCENTAGE of PHTHISIS DEATHS in those periods in relation to deaths from ALL Causes.
(4) Total Deaths from OTHER TUBERCULOUS DISEASES in the same periods.
(5) The PERCENTAGE of OTHER TUBERCULOUS DEATHS in those periods in relation to deaths from ALL Causes.

Age Periods	0 to 5					5 to 15					15 to 25					25 to 65					65 and over.				
TRIENNIAL PERIODS.	Total Deaths from all Causes.	Total Deaths from Phthisis.	Percentage of Phthisis Deaths in relation to Deaths from all Causes.	Total Deaths from other Tuberculous Diseases.	Percentage of other Tuberculous Deaths in relation to Deaths from all Causes.	Total Deaths from all Causes.	Total Deaths from Phthisis.	Percentage of Phthisis Deaths in relation to Deaths from all Causes.	Total Deaths from other Tuberculous Diseases.	Percentage of other Tuberculous Deaths in relation to Deaths from all Causes.	Total Deaths from all causes.	Total Deaths from Phthisis.	Percentage of Phthisis Deaths in relation to Deaths from all Causes.	Total Deaths from other Tuberculous Diseases.	Percentage of other Tuberculous Deaths in relation to Deaths from all Causes.	Total Deaths from all Causes.	Total Deaths from Phthisis.	Percentage of Phthisis Deaths in relation to Deaths from all Causes.	Total Deaths from other Tuberculous Diseases.	Percentage of other Tuberculous Deaths in relation to Deaths from all Causes.	Total Deaths from all causes.	Total Deaths from Phthisis.	Percentage of Phthisis Deaths in relation to Deaths from all Causes.	Total Deaths from other Tuberculous Diseases.	Percentage of other Tuberculous Deaths in relation to Deaths from all Causes.
Columns ..	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1893—95	652	4	0·61	10	1·53	64	6	9·37	1	1·56	102	28	27·45	4	3·92	576	102	17·71	8	1·38	377	3	0·79	..	..
1896—98	855	6	0·70	32	3·75	82	2	2·44	2	2·44	91	20	21·98	1	1·09	697	115	16·49	3	0·43	398	..	..	..	..
1899—01	940	..	..	38	4·04	78	8	10·25	5	6·41	119	22	18·48	5	4·20	763	121	15·85	4	0·52	551	8	1·45	..	..
1902—04	905	2	0·22	20	2·21	102	8	7·84	7	6·86	104	29	27·88	5	4·81	834	139	16·66	13	1·56	559	7	1·25	1	0·17
1905—07	812	14	1·72	35	4·31	89	6	6·75	12	13·49	98	29	29·59	6	6·12	935	119	12·72	14	1·50	621	3	0·48	..	..
1908—10	750	1	0·13	68	9·06	108	4	3·70	6	5·55	93	23	24·73	15	16·13	928	140	15·08	14	1·51	800	9	1·12	1	0·12
1911	269	1	0·37	19	7·06	38	2	5·26	4	10·52	41	18	43·90	1	2·44	369	57	15·44	8	2·16	283	3	1·03	..	..
1912	215	..	..	20	9·3	37	0	..	2	5·4	39	10	25·64	..	..	375	56	14·93	3	0·80	278	2	0·72	..	..

Mill Lane Hospital.

SUMMARY OF CASES TREATED IN 1912.

Disease.	Remaining at end of 1911.	Admitted during 1912.	Discharged during 1912.	Died during 1912.	Remaining at end of 1912.	Average Residence in Days.
SMALL-POX (Leasowe Rd. Hosp.)	...	1	1	...	...	18
SCARLET FEVER	43	203	213	3	30	46·5
Cases admitted to Hospital as, but subsequently found not to be, Scarlet Fever or doubtful	...	2	2	...	...	20·0
DIPHTHERIA	4	31	29	3	3	29·6
Cases admitted to Hospital as, but subsequently found not to be, Diphtheria or doubtful	2	8	10	...	...	31·7
ENTERIC FEVER	1	2	2	1	...	35·0
Cases admitted to Hospital as, but subsequently found not to be, Enteric Fever or doubtful	...	5	4	1	...	16·0
PHTHISIS	2	32	30	...	4	81·8
OTHER ADMISSIONS	...	4	4	...	...	27·0
TOTAL	52	288	295	8	37	...

For the purpose of comparison the following table shows the number of admissions of patients notified as suffering from the various diseases during the years 1903 to 1912 :—

Disease.	Cases admitted during the year									
	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Small-Pox	25	5	...	...	...	1	...	7	10	1
Scarlet Fever.....	309	170	227	178	188	174	507	229	189	215
Diphtheria	27	33	45	30	61	49	31	25	46	39
Membranous Croup	...	1	...	1	1	...	...	...	...	—
Enteric Fever	31	24	48	48	24	25	13	12	13	6
Erysipelas	3	3	5	3	3	...	...	...	...	—
Phthisis	...	...	...	...	...	...	.	...	15	30
Other Diseases	2	3	3	3	2	4	7	5	6	4
Totals...	397	239	328	263	279	253	558	278	279	295

Midwives Act.

Under the Midwives Act a Local Authority is either a County Council or the Council of a County Borough. Wallasey is not, therefore, a Local Authority within the meaning of the Act, but the work of supervising the Midwives of this district is placed upon me by the County Council.

During the year all the Midwives have been regularly visited.

SUMMARY OF THE WORK DONE UNDER THE MIDWIVES ACT.

Routine Visits paid to Midwives' houses, Inspection of Bags, Case books, etc.	230
Enquiries *re* Still-born Children	30
Other Enquiries	71
Total Visits paid under the Midwives Act... ...	331

Under the Rules of the Central Midwives' Board (E. 18) the following notifications have been received:—

Records of sending for Medical Help (*see Table below*)	98
Notifications of Still-births	19
,, ,, Laying out dead	2
Deaths of Children before Attendance of a Medical Practitioner	2
Cases of Puerperal Fever attended by Midwives ...	1
Cases of other Infectious Diseases notified by Midwives	0
Cases of Ophthalmia notified by Midwives	7

The following is a list of the causes for which Medical Help was sought in the 98 cases mentioned above:—

Feebleness of Infant	8
Protracted Labour	27
Retained Placenta	10
Instrumental Aid	13
Prematurity	5

Post-partum Hæmorrhage	3
Ante-partum Hæmorrhage	1
Laceration of Perineum	7
Placenta prævia	1
Inflamed Eyelids	7
Abnormal Presentation	10
Various	6
	98

Under Section 8, I have to keep the Central Midwives' Board acquainted with the death, change of name or address of any Midwife.

The undermentioned changes have been notified:—

Change of Name	—
Change of Address...	6
Death of Midwives	—
Notice of intention to cease practice ...	—
Removed from district	—

There are 52 Midwives on the Roll, one of whom cannot write. Their registers are on the whole kept well.

The total number of cases attended by Midwives was 866.

It was found necessary during the year to report a Midwife to the Local Supervising Authority for a serious breach of the rules. Her name has since been removed from the Roll. In 8 instances I interviewed and warned Midwives for slight irregularities which did not appear to me to be gross enough to warrant reporting them to the Supervising Authority.

The early visits to births under the Notification of Births Act have been very useful in supervising the work of the Midwives. Several mild cases of Ophthalmia Neonatorum have been brought to light which would otherwise have escaped notice, the Midwives not thinking them of sufficient importance to notify.

Vaccination Returns for Wallasey for the last three years, from the 1st July to the 30th June in each year.

(Supplied by the Vaccination Officer.)

	1909-10	1910-11	1911-12
Successfully Vaccinated	1,332	1,320	1,344
Died before Vaccination	103	111	124
Insusceptible	9	10	11
Conscientious Objections	94	110	143
Postponed by Medical Certificate	50	52	39
Removed, Traced, and Vaccination Officers notified...	30	22	8
Not found, or removed to places unknown ...	40	56	39
Not Vaccinated, or otherwise accounted for...	79	22	23
Total Number of Births Registered ...	1,737	1,703	1,731

Meteorological Data for 1912, from observations made at the Corporation's Meteorological Station, Marine Park, New Brighton.

	Highest Temperature.		Lowest Temperature.		Average Daily Temperature.	Greatest Sunshine.		Least Sunshine.		Average Daily Sunshine.	Total Depth Rainfall for month.*	Greatest Fall in 24 hours.		No of Days with no Rainfall	Average Daily Rainfall.	No. of days with ·01 ins. or more recorded.	Dates of Snowfall.	No. of Days Frost.†
	Date	°	Date	°		Date	Hours	Date	Hours	Hours	Inches	Date	Inches		Inches			
JANUARY ...	1st	55·9	29th	25·8	39·01	26th	6	11 d'ys	No S'shine	1·38	2·955	6th	·67		·095	14	17th & 18th	12
FEBRUARY..	28th	57·5	4th	20·3	41·7	29th	7¾	12 „	do.	2·2	·884	17th	·3	14	·03	10	2nd	4
MARCH	26th	57·0	21st	34·0	45·3	6th	8¼	4 „	do.	3·28	4·308	14th	·6	5	·138	20	...	...
APRIL.....	22nd	68·4	28th	30·7	48·89	23rd	12¾	5th	¼	7·71	·16	9th	·14	28	·005	2	...	...
MAY	11th	67·2	24th	42·4	53·1	26th	15½	4 d'ys	No S'shine	5·51	1·666	21st	·29	16	·053	13	...	...
JUNE	22nd	73·5	16th	43·9	57·85	11th	13½	2 „	do.	6·32	2·561	4th	·47	7	·085	18	...	...
JULY	16th	75·1	19th	51·0	67·4	14th & 16th	11½	5 „	do.	4·86	4·682	31st	1·43	13	·151	17	...	...
AUGUST	4th	67·8	3rd	45·9	56·2	2nd	10	6 „	do.	4·02	5·39	23rd	·85	5	·17	25	...	...
SEPTEMBER..	3rd	62·6	27th	43·3	53·05	9th	10½	6 „	do.	3·68	1·01	29th	·26	20	.033	10	...	...
OCTOBER ...	27th	61·9	26th	35·9	48·65	3rd	9¾	3 „	do.	·107	3·33	26th	1·2	19	·107	12	...	...
NOVEMBER..	7th	61·4	30th	25·2	45·57	7th	5½	13 „	do.	1·46	2·465	4th	·43	11	·082	17	28th & 30th	1
DECEMBER...	14th	56·3	1st	27·1	46·06	17th	2	19 „	do.	·43	2·656	11th	·49	7	·085	24	...	1

* Total Rainfall for year: 32·067 ins. †It must be remembered that the recorded temperatures were not taken on the ground level.

Meteorological Data for 1912

(Supplied by Mr. Plummer,)

From observations made at the Bidston Observatory :—

1912. Month.	Mean Barometer. in.	Temperature. Mean. °	Temperature. Difference from Average °	Rainfall. Amount. in.	Rainfall. Difference from Average in.
January ...	29·897	38·3	−0·9	3·695	+1·560
February ...	29·616	41·6	+0·4	1·092	−0·601
March ...	29·615	44·7	+2·5	3·609	+1·814
April ...	30·173	49·1	+1·8	0·202	+1·443
May ...	29.978	52·8	+1·0	1·595	−0·310
June ...	29·788	57·0	−0·4	2·348	+0·223
July ...	29·937	60·5	−0·3	3·506	+0·829
August ...	29·705	55·4	−5·1	5·862	+2·824
September ...	30·183	52·5	−3·7	1·166	−1·632
October ...	29·879	48·2	−1·3	2·923	−0·573
November ...	29·975	45·0	+1·8	2·155	−0·422
December ...	29·784	45·1	+5·2	2·017	−0·618
Yearly ...	29·878	Av. 49·2	+0·1	30·170	+1·651

Ashpit Abolition.

The efforts made in the past four years to deal with nuisances arising from defective and offensive ashpits have been continued during the year. A large number of notices have been issued requiring the abolition of insanitary pits and the substitution therefor of galvanised iron ashbins in accordance with Section 77 of the Wallasey Tramways and Improvement Act, 1906.

108 pits were dealt with in 1912, as compared with 206 abolished in 1911.

Part 2.—GENERAL SANITARY WORK.

Insanitary Property.

A large amount of work has been done during the year to improve the housing conditions prevailing in some parts of the district.

Section 30 of the Housing of the Working Classes Act, 1890, runs as follows:—

> "It shall be the duty of the Medical Officer of "Health of every district to represent to the Local "Authority of that district any dwelling-house which "appears to him to be in a state so dangerous or in- "jurious to health as to be unfit for human habitation."

Section 17 of the Housing, Town Planning, &c., Act, 1909, reads:—

> (1) "It shall be the duty of every Local Authority "within the meaning of Part II. of the principal Act "to cause to be made from time to time inspection of "their district, with a view to ascertaining whether any "dwelling-house therein is in a state so dangerous or "injurious to health as to be unfit for human habita- "tion, and for that purpose, it shall be the duty of the "Local Authority, and of every officer of the Local "Authority, to comply with such regulations, and to "keep such records as may be prescribed by the Board."
>
> (2) "If, on the representation of the Medical Officer "of Health, any dwelling-house appears to them to be "in such a state, it shall be their duty to make an order "prohibiting the use of the dwelling-house for human "habitation (in this Act referred to as a Closing Order) "until in the judgment of the Local Authority the "dwelling-house is rendered fit for that purpose."

In compliance with the provisions of the above Acts, the following 29 houses were represented as unfit for habitation:—

1, 2, 3, Smithy Lane (condemned several years ago, but re-occupied).
138, Wheatland Lane (cellar).
1 to 12, Field Cottages.
"Tower Cottage," Mill Lane.
8 houses in May Court.
1, 3, 5, and 7, Wallasey Village.

The following were considered to be unfit, but were dealt with without representation to the Committee:—

1 to 5, Little Street.
165 to 169, Wheatland Lane.

The following Closing Orders were made (29 in number):—

1, 2, and 3, Smithy Lane.
138, Wheatland Lane.
1 to 12, Field Cottages.
"Tower Cottage," Mill Lane.
8 houses in May Court.
1, 3, 5 and 7, Wallasey Village.

All of the above were closed in accordance with the Orders.

The following houses were demolished (5 in number):—

1, 2, 3 and 4, Robinson's Cottages, Wallasey Village (represented in 1911).
"Tower Cottage," Mill Lane.

TABULAR INFORMATION WITH RESPECT TO INSANITARY PROPERTY DEALT WITH IN WALLASEY DURING 1912.

No. of houses inspected under Section 17 of the H.T.P.A., 1909	29
No. of houses found unfit for habitation...	29
No. of houses represented to Local Authority for Closing Orders... ...	29
No. of Closing Orders made	29
No. of houses where defects were remedied without making of Closing Orders ...	6
No. of houses made fit after making of Closing Order	5

General Character of Defects Found.

1. Lack of sufficient or through ventilation.
2. Inefficient water supply, *e.g.*, one standpipe for several houses.
3. Lack of proper w.c. accommodation.
4. Damp and dark rooms.
5. Lack of conveniences for decent living, *e.g.*, proper facilities for storing food, washing accommodation, etc.
6. General dilapidations.

The following additional work has been done under Sections 14 and 15 of the Housing, Town Planning, etc., Act, 1909:—

Statutory Notices served	46
,, ,, complied with ...	33
,, ,, in hand	11
,, ,, not complied with...	2
Preliminary Notices served	61

There was one appeal during the year (since withdrawn).

In the work in regard to insanitary property there has always been kept in view the fact that any work of demolition must not be done too rapidly, so that hardships may not be inflicted on tenants by their being unable to find suitable houses in the time at their disposal.

Sub-Let Houses.

There are 46 sub-let houses on the Register. These houses have been regularly supervised throughout the year.

1,095 visits have been paid by the Inspectors.

It is exceedingly difficult to keep a proper Register of these houses, as the people inhabiting them are continually changing, and what would be an accurate Register one day would not be so seven days afterwards.

For contraventions of the Bye-laws 78 notices have been served, mostly for overcrowding and filthy conditions, all of which were complied with.

Sewers and Drains.

Defective sewers in the following streets and passages have been re-constructed or repaired during the past year:—

Brighton Street, main brick sewer re-inverted and repaired for a length of 70 yards.
Station Road, from Cliff Road to a point 200 yards south.
Sandrock Road.
Manor Road, from Liscard Village to Grosvenor Street.
Halstead Road, passage at rear of Nos. 2 to 16.
Guildford Street, passage at rear of Nos. 6 to 24.
Seymour Street, passage at rear of Nos. 2 to 16.
Vent shafts have been erected where found necessary.
Defective gullies have been replaced with new ones.

The drainage systems at the following houses have been entirely re-constructed under the supervision of the Health Department:—

New Brighton.

67, Victoria Road.
10, Ball Avenue.
28, Windsor Street.

Liscard.

"Mayfield," Rullerton Road.
226 to 230, Rake Lane.
24, Mill Lane.
6 and 8, Rossett Place.
5 and 7, Conway Street.
1 to 29, Longland Road.
21 to 37, Manor Road.

Seacombe.

17, Stourton Street.
14, 18 and 21, Shakespeare Road.
12, St. Paul's Road.
107, Victoria Road.
54, Ashville Road.

16, Palermo Street.
4, Tabor Street.
14, Chapel Street.
52, Ashville Road.
70, Byron Road.
1, 3, 5 and 7, Leopold Street.
1 and 2, Victoria Place.
70, Brighton Street.

EGREMONT.

12, Charles Street.
72, King Street.

WALLASEY.

5 and 12, School Lane.

The following drainage systems were partially reconstructed during 1912 under the supervision of the Health Department:—

NEW BRIGHTON.

The Convent High School, Wellington Road.
Conservative Club, Montpellier Crescent.
25, Gorsehill Road.
11, Montpellier Crescent.
"Sandymount," Sandfield Road.
2, Dudley Road.
8, Seymour Street.

LISCARD.

35, Sandrock Road.
9, Conway Street.
242, Rake Lane.
32, Valkyrie Road.
Old High School, Manor Road.
"Devon Villa," Belgrave Street.

SEACOMBE.

Pen Factory, Chapel Street.
165 to 169, Wheatland Lane.
77, Buchanan Road.

EGREMONT.

47, Stringhey Road.

POULTON.

"Brook Cottage," Breck Road.
Poulton and Liscard Railway Station.

The drains or fittings were found on examination to be defective following the onset of

Typhoid Fever in 1 instance,
Diphtheria in 16 instances,
Scarlet Fever in 68 instances,

and on inspection following private complaints, in 379 instances.

In this district the drains of all new houses are examined, and must pass a smoke-test before being filled in and a certificate of suitability for habitation granted.

Factory and Workshop Act, 1901.

The Medical Officer of Health is required to report specifically on the administration of this Act, and to send a copy of such report to the Secretary of State. The chief points to be reported on are as follows:—

(1) The Sanitary condition of Workshops, including

- (A) Ventilation,
- (B) Cleanliness of floors and walls,
- (C) Lighting,
- (D) Water-closet provision,
- (E) Overcrowding,
- (F) Drainage of floors where wet processes are carried on.

(2) Special Sanitary Regulations for Bakehouses,
(3) Homework,
(4) The keeping of a list of outworkers,
(5) The keeping of a Register of Workshops.

All these points are dealt with in the summary.

Factories.

For the most part the law relating to Factories is administered by the Home Office.

338 visits were, however, made to factories, 334 being in reference to sanitary accommodation, and 4 in reference to emissions of smoke from chimneys.

The Number of Factories on the Register is as follows:—

Trade.	Number on Register.	Number of Visits.
Bakers	4	26
Confectioners	1	6
Boot Makers and Repairers	8	41
Laundries	13	73
Wheelwrights and Smiths	5	11
Joiners	6	18
Coffin Makers	2	14
Motor Engineers	2	11
Stonemasons	1	2
Printers	2	7
Artificial Manure Maker	1	3
Fountain Pen Maker	1	12
Boat Builders	2	2
Firelighter Manufacturer	1	6
Timber Merchant	1	4
Flour Millers	4	25
Spring Maker	1	7
Provender Dealers	2	7
Brick Makers	3	13
Brewer	1	6
Engineers	2	12
Concrete Maker	1	2
Oil Storage	1	6
Creosoting Works	1	3
Ore Merchants	3	6
Treacle Works	1	3
Leather Belting Manufacturer	1	2
Destructor Works	1	4
Tramway Depôt	1	2
Gas and Water Works	1	2
Electricity Works	1	2
Totals	75	338

All the Workshops and Workplaces on the Register were regularly inspected, with the result as shown in the Summary which follows.

8 references were sent to H.M. Inspector of Factories in accordance with the various requirements of the Act.

Workshops.

The Number of Workshops on the Register is as follows:—

Trade.	Number on Register.	Number of Persons Employed.	Number of Visits.
Bakers	42	79	318
Confectioners	64	126	597
Laundries	26	151	225
Tailors	16	48	81
Dressmakers	81	230	193
Milliners	19	57	38
Bootmakers and Repairers	52	101	349
Cabinet Makers and Upholsterers...	11	31	53
Watchmakers and Repairers ...	3	9	17
Tinsmiths	1	2	6
Saddlers	2	5	16
Leadlight Manufacturers	1	8	4
Picture Framers	2	6	12
Printers...	4	8	16
Photographers	4	14	12
Firelight Manufacturer	1	5	6
Totals ...	329	880	1943

Workplaces.

The Number of Workplaces on the Register is as follows:—

Trade.	Number on Register.	Number of Persons Employed.	Number of Visits.
Cycle Builders and Repairers ...	7	14	40
Wheelwrights and Smiths	11	27	53
Joiners	11	23	63
Varnish Manufacturer	1	5	2
Wringing Machine Repairers ...	1	2	4
Motor Engineers and Repairers ...	2	6	12
Stonemasons	2	6	16
Stevedores	4	70	12
Cooper	1	2	5
Brine Manufacturer	1	1	2
Totals ...	41	156	209

Factory and Workshop Act, 1901.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
FACTORIES ... ... (Including Factory Laundries.)	338	34	...
WORKSHOPS ... ... (Including Workshop Laundries.)	1943	97	...
WORKPLACES ... ... (Other than Outworkers' premises included in Part 3 of this Report)	207	1	...
Total	2488	132	...

2.—DEFECTS FOUND.

PARTICULARS.	No. of Defects.			Number of Prosecutions
	Found.	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts :—				
Want of Cleanliness	9	9	...	...
Want of Ventilation	2	2	...	...
Overcrowding	...	...	...	...
Want of Drainage of Floors ...	3	3	...	...
Other Nuisances	86	86	...	...
Sanitary Accommodation :				
Insufficient	2	2	...	...
Unsuitable or Defective ...	27	27	...	...
Not Separate for Sexes ...	...	...	...	...
Offences under the Factory and Workshop Act :—				
Illegal Occupation of Underground Bakehouse (s. 101) ...	...	...	...	...
Breach of Special Sanitary Requirements for Bakehouses (ss. 97 to 100)	38	38	...	...
Other offences (excluding offences relating to outwork which are included in Part 3 of this Report)	9	1	8	...
Total... ...	176	168	8	...

3.—HOME WORK.

NATURE OF WORK.	OUTWORKERS' LISTS, SECTION 107.									OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS 109, 110.		
	Lists Received from Employers.						Notices served on Occupiers as to keeping or sending lists.	Prosecutions.							
	Sending twice in the year.			Sending once in the year.											
	Lists.	Outworkers.		Lists.	Outworkers.			Failing to keep or permit inspection of lists.	Failing to send lists.	Instances.	Notices served.	Prosecutions.	Instances.	Orders made (S. 110.)	Prosecutions (Sections 109, 110.)
		Contractors	Workmen.		Contractors	Workmen.									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wearing Apparel... ...															
(1) Making, &c... ...	4	—	20	4	—	18	1	—	—	2	2	—	—	—	—
(2) Cleaning & Washing															
Lace, lace curtains & nets															
Artificial Flowers ...															
Nets, other than wire nets															
Tents															
Sacks															
Furniture and Upholstery															
Fur pulling															
Feather sorting															
Umbrellas, &c.															
Carding, &c. of buttons, &c.															
Paper bags and boxes ...															
Basket making															
Brush making															
Racquet and tennis balls															
Stuffed toys															
File making															
Electro-plate															
Cables and chains ...															
Anchors and grapnels ...															
Cart gear															
Locks, latches and keys															
Pea picking															
Totals ...	4	—	20	4	—	18	1	—	—	2	2	—	—	—	—

4.—REGISTERED WORKSHOPS (S. 131).

	Number		Number
Bakers	42	Watchmakers and Repairers ...	3
Confectioners	64	Tinsmith	1
Laundries	26	Saddlers	2
Tailors	16	Leadlight Manufacturer ...	1
Dressmakers	81	Picture Framers	2
Milliners	19	Printers	4
Bootmakers and Repairers	52	Photographers	4
Cabinet Makers and Upholsterers	11	Fire-lighter Manufacturer	1

Total number of Workshops on Register ... 329.

5.—OTHER MATTERS.

Class.	Number
Matters notified to H.M. Inspector of Factories:—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ...	7
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)—	
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	13
In use at the end of the year	13

Bakehouses.

At the end of the year there were 111 Bakehouses in occupation, of which 13 were underground.

These places have been regularly inspected, and were, on the whole, kept in a cleanly condition, although in several instances it has been necessary to serve notices or to write letters complaining of the conditions prevailing in certain of them. In some instances better provision for the washing of the bakers' hands should be provided.

A few of the existing Bakehouses have been in use a very long time, and are not up to modern requirements. When the tenancies of the present occupiers cease, objection will be taken to their continued use.

Inspection of Stable Yards.

2,193 visits have been made, as compared with 3,013 during last year.

In several instances manure pits have been emptied by the Department's own men, failing compliance with notices issued under the Bye-laws. In other cases accumulations or deposits of an offensive nature have been removed by the Department's men where owners or occupiers had failed to comply with the notices served under Section 49 of the Public Health Act, 1875. In each case the expenses were recovered in a summary manner.

Offensive Trades.

The offensive trades are as follows:—

Trade.	No. of Visits.
Knacker's Yard and Manure Manufacturer	47

Whenever a nuisance has been discovered suitable action has been taken.

The knacker's yard above referred to has now been closed.

Seats for Shop Assistants Act.

Under the above Act, the title of which reveals its object, the following work has been done:—

No. of visits to shops 285

Wallasey Early Closing Order 1909.

The following work has been carried out under the above Order, which fixes the hours for closing certain trades each day:—

No. of Visits of Inspection 9,336
No. of Contraventions 12
No. of Prosecutions ... ... —

Dairies, Cowsheds and Milkshops Order.

There are 25 Cowsheds on the Register.

The number of cows in the registered sheds at the end of December was 83.

The Cowsheds have been regularly inspected (632 visits) throughout the year, and the efforts made to secure systematic grooming of the cows, the washing of the udders, and the cleansing of the milkers' hands before milking, have been continued.

No disease of a contagious nature has occurred in the Cowsheds, nor, so far as is known, has any disease been caused by milk.

Dairies.

Much the greater part of the milk sold in Wallasey comes from farms outside the district. I offer no opinion as to its quality, since the administration of the Food and Drugs Acts is not in my hands, this not being a Borough with a separate Quarter Sessions or a separate Police Force.

Samples of milk are taken for bacteriological examination. Where an excessive number of micro-organisms is found, speciál inspections of the milk-dealers' premises are made and requests made to the County Medical Officer of Health for a similar inspection at the sources of the milk supply, with the object of discovering how the milk in each instance probably became contaminated, so that steps might be taken to prevent such contamination in the future.

Food and Meat Inspection.

Meat inspection is performed by one Inspector, who gives his whole time to this work and to the inspection of food stuffs in shops. The Sanitary Inspectors also examine hawkers' barrows and baskets whenever they meet them. On page 77 will be found a summary of the visits made to food premises.

There are 4 registered Slaughter-houses and 2 licensed Slaughter-houses, in addition to those at the Wallasey and Alfred Lairages.

The following Table shows, approximately, the number of animals slaughtered: —

	Cattle.	Sheep.	Pigs.	Calves.	Total.
Private Slaughter-houses	610	5,500	830	370	7,310

Number of Animals Slaughtered at the Wallasey and Alfred Lairages during the Year 1912.

Lairages.	*Foreign.*		*Coastwise.*				
	Oxen.	Sheep.	Oxen.	Calves.	Sheep.	Pigs.	Goats.
*Wallasey ...	1	1,985	13,200	17	298,311	54,857	12
*Alfred	—	—	6,996	—	2,862	--	—
Totals ...	1	1,985	20,196	17	301,173	54,857	12

* These figures are supplied by the Mersey Docks and Harbour Board.

Table showing amount of Tuberculous Meat Destroyed.

	Private Slaughter Houses.		Lairages.	
	CARCASES.	QUARTERS.	CARCASES.	QUARTERS.
Beef...	17	—	19	42
Mutton	—	—	—	—
Pork	13	—	11	—
Veal	65	—	—	—
Total ...	95	—	30	42

Amount Destroyed for other causes.

	Private Slaughter-houses.		Lairages.	
	CARCASES.	QUARTERS.	CARCASES.	QUARTERS.
Beef...	4	9	33	21
Mutton	25	—	74	—
Pork	21	—	166	—
Lamb	—	—	23	—
Veal	29	—	2	—
Total ...	79	9	298	21

In addition to above, 30 carcases of immature veal and 4 carcases of lamb.

Sale of Food and Drugs Acts.

REPORT *re* WORK CARRIED OUT IN WALLASEY IN 1912 BY THE COUNTY FOOD INSPECTOR.

TABLE.

PARTICULARS OF SAMPLES PURCHASED IN THE BOROUGH OF WALLASEY AND SUBMITTED FOR ANALYSIS UNDER THE SALE OF FOOD AND DRUGS ACTS, DURING THE YEAR ENDING DECEMBER 31ST, 1912.

Name of Sample.	No. of Samples obtained.	No. of Samples Certified as Adulterated, or not up to Standard.	Remarks
Butter	42	1	...
Cheese	2	...	...
Cinnamon, Compound Powder of ...	1	...	...
Coffee	2	...	...
Coffee and Chicory	1	...	..
Cream	4	...	...
Dover's Powders	1	...	...
Gin	1	...	...
Ginger, Ground	1	...	...
Lard	7	...	...
Margarine	5	...	...
Milk	76	7	...
Nitre, Sweet Spirit of	1	1	...
Pepper	1	...	...
Rum	2	...	...
Sugar	1	...	...
Sulphur, Milk of	2	...	...
Whiskey	4	...	...
Totals	154	9	—

NOTES.—The Sample of Butter reported against was a "test" sample, and a formal sample purchased in a similar way a few days later was found to be pure.

The sample of Nitre was certified as deficient in Ethyl Nitrite to the extent of 17 per cent., but considering the volatile nature of this substance the deficiency was considered too low to warrant a prosecution.

Following are particulars of the 7 samples of Milk reported as adulterated, or not up to standard:—

(1) Certified as deficient in Fat to the extent of 20 per cent. The seller was summoned, but the Justices dismissed the case on payment of costs.

(2) Certified as deficient in Fat to the extent of 6 per cent. Upon inquiry this deficiency was found to be due to the unequal intervals between milking (17 and 7 hours respectively). The seller was advised to alter this.

(3 to 7) Certified as adulterated with water to the extent of 1, 2, 2, 4, 6, and 7 per cent. respectively, but no prosecutions followed because the Milk Fat was above the standard in each case.

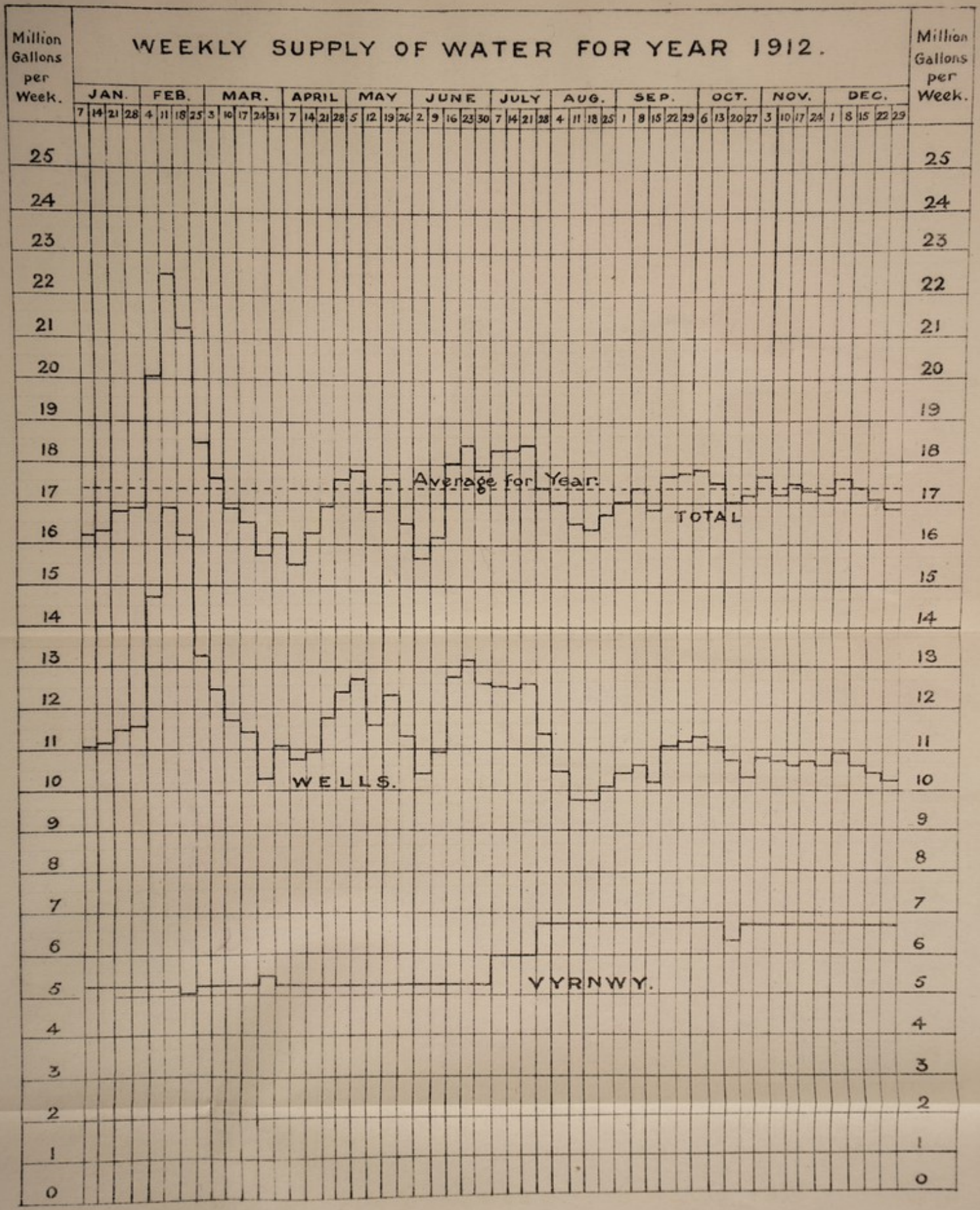
Water Statistics for 1912.

Volume of Water supplied from 1st January, 1912, to 31st December, 1912, 909,074,231 gallons, made up as follows:—

From Wells at Liscard	599,274,231	Galls.
From Vyrnwy	309,800,000	„
Average supplied per day	2,483,809	„
Average consumption per day per head	31·05	„
Divided as follows:—		
Supplied by Meter	5·67	Galls.
Supplied to Shipping	·14	„
Watering Streets and Road Making	·23	„
Flushing Sewers by Hose and Cart	·30	„
Domestic and other purposes, including Drinking Fountains	24·71	„

The quantity of Water used for flushing sewers and drains during the year was 8,739,300 gallons.

A Chart showing the weekly supply of Water is appended.


WEEKLY SUPPLY OF WATER FOR YEAR 1912.
Million Gallons per Week.
JAN. FEB. MAR. APRIL MAY JUNE JULY AUG. SEP. OCT. NOV. DEC.
7 14 21 28 4 11 18 25 3 10 17 24 31 7 14 21 28 5 12 19 26 2 9 16 23 30 7 14 21 28 4 11 18 25 1 8 15 22 29 6 13 20 27 3 10 17 24 1 8 15 22 29
25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
Average for Year.
TOTAL
WELLS.
VYRNWY.

WEEKLY SUPPLY OF WATER FOR YEAR 1912.
Million Gallons per Week.
JAN.
FEB.
MAR.
APRIL
MAY
JUNE
JULY
AUG.
SEP.
OCT.
NOV.
DEC.
TOTAL

Summary of General Sanitary Work.

Work of the Lady Sanitary Inspectors during 1912.

Number of Houses visited	... ...	1,215
Do.	found dirty	158
Do.	families visited	1,443
Do.	do. re-visited	604
Do.	Notices sent to Occupiers for dirty floors and bedding	110
Do.	Notices sent to Occupiers for overcrowding...	19
Do.	do. do. Owners for defective sash cords	—
Do.	do. complied with	129
Do.	References to Sanitary Inspectors	56
Do.	do. other Departments	88
Do.	Enquiry visits	416
Do.	Visits to cases of minor infectious diseases...	1,474
Do.	References to Elementary Education Authority	182
Do.	Sub-let houses visited	219
Do.	do. found dirty	98
Do.	do. do. overcrowded	16
Do.	other infringements	45
Do.	Routine visits to Midwives	193
Do.	Enquiries *re* Still-births	30
Do.	Visits under Midwives Act	71
Do.	do. *re* registered births	1,290
Do.	Re-visits do. do.	2,061
Do.	Visits *re* infant deaths	105
Do.	do. to Workshops	231
Do.	do. Outworkers	93
Do.	Special visits *re* Diarrhœa cases...	1
Do.	Visits *re* Phthisis deaths	57
Do.	do. *re* Phthisis notifications	636
Do.	do. *re* Measles deaths	16
Do.	do. *re* Whooping-cough deaths	—
Do.	do. *re* Diarrhœa and Enteritis deaths ...	—

WORK OF THE INSPECTORS DURING 1912.

NUISANCES.

Number of houses found in a dirty condition	117
„ „ „ in an overcrowded condition	44
„ „ „ with defective, insufficient or choked drains ...	1,063
„ „ „ without supply of water for drinking, domestic or sanitary purposes	187
„ „ „ with defective or insufficient W.C. basins, flushing cisterns, putty joints, traps, waste-pipes, soil-pipes and/or channelings ...	1,737
„ „ „ with defective yard or passage surfaces ...	414
„ „ „ with defective floors	75
„ „ „ vacant or insecure against misuse by general public	3
„ „ „ with damp or defective walls	109
„ „ „ with defective roofs, gutters and downspouts	1,386
„ „ „ without proper and sufficient ashpits or ashbins	426
„ „ „ with dirty yard surfaces	107
„ „ „ with offensive accumulations requiring removal	231
Number of offensive ditches and ponds requiring cleansing	3
„ animals kept so as to be a nuisance	38
„ matters referred to other Departments	668
„ informations laid in respect of nuisances	27
„ convictions obtained	4
„ Magistrates' Orders obtained	3
„ Nuisances abated and cases withdrawn on payment of costs	12
Amount of fines and costs	£1 10s. 6d.

SMOKE NUISANCES.

STEPS TAKEN TO PREVENT SMOKE NUISANCES

Number of observations made	33
„ Notices served in respect of black smoke	4
„ Informations laid in default of compliance with Notice ...	—
„ Informations laid in default of compliance with Order ...	—
Amount of Fines and Costs	—

BYE-LAWS WITH RESPECT TO NUISANCES.

Number of stable yards inspected	2,109
„ „ „ re-inspected	84
„ Notices served to empty manure pits	151
„ Informations laid in default of compliance with notice ...	—
„ Stable yards without manure pits	5
„ notices served to provide manure pits	6
„ notices served to provide stables with sufficient paving and/or drainage	5

ABATEMENT OF NUISANCES.

Number of preliminary notices issued for the abatement of nuisances ...	2,764
,, Statutory Notices issued	883

CANAL BOAT INSPECTION.

The number of Boats inspected in 1912 was 295.

INFRINGEMENTS :—

Registration	—
Notification of Change of Master	—
Certificates	5
Marking	13
Overcrowding	—
Cleanliness	—
Ventilation	—
Painting	9
Provision of Water Cask	2
Separation of the Sexes	—
Removal of Bilge Water	—
Notification of Infectious Disease	—
Admittance of Inspector	—
Defective Deck Seams...	4
Notices sent in respect of infringements	25
Cases of Infectious Disease dealt with, and measures of isolation adopted	—
Detention of Boats for cleansing and disinfection ...	—

Legal proceedings were not taken in any case.

The Council is not a Registration Authority.

SUB-LET HOUSES.

Number of houses on Register	46
,, day inspections	1,087
,, night inspections	5
,, infringements of Sub-let Bye-laws	86
,, preliminary intimations given to comply	78
,, failures to comply with notices	1
,, informations laid in respect of infringements	1
Amount of Fines and Costs	—

COMMON LODGING HOUSES.

Number registered under Public Health Act	3
„ of day inspections	108
„ night inspections	4
„ infringement of Bye-laws	6
„ failures to cleanse walls, ceilings, etc....	3
„ cases where rooms were overcrowded...	—
„ informations in respect of infringements	—
„ convictions	—

CELLAR DWELLINGS.

Cellars found occupied as dwellings	1
Notices served to vacate same	1

HOUSE-TO-HOUSE INSPECTION.

Number of streets visited	114
„ houses visited	767
„ apartments visited...	2,750
„ „ found clean	2,172
„ „ found dirty and reported for Notices	78

COURT AND ALLEY INSPECTION.

Number of visits to streets	516
„ „ courts	448
„ „ alleys	99
„ W.C.'s found clean...	1,418
„ „ found dirty	51
„ „ re-inspected	51
„ „ cleansed	51

DAIRIES, COWSHEDS AND MILKSHOPS.

Number of Milkshops on Register	128
„ shippons with Milkstores attached	11
„ inspections made	483
„ notices served for defects	1
„ notices complied with	1
„ notices served *re* utensils and covering of milk vessels ...	2
„ notices served requiring the removal of manure	—
„ notices served requiring liming or cleansing	85

FACTORY AND WORKSHOP ACT.

Number of Factories, Workshops, &c., on Register	445
,, visits made	2,488
,, re-visits made	158
,, workshops, &c., found defective	132
,, workrooms with dirty walls and ceilings	52
,, ,, with dirty floors	6
,, ,, with dirty lavatories	9
,, ,, not properly ventilated	2
,, ,, found overcrowded...	—
,, defective drains and water-closets	35
,, miscellaneous defects found	45
,, notices issued on occupiers	67
,, ,, ,, on owners...	65
,, references to the Factory Inspector	8

BAKEHOUSES.

Number on Register	46
,, of visits made	344
,, re-visits	40
,, bakehouses found dirty (walls and ceilings)...	13
,, notices issued for limewashing...	11
,, bakehouses limewashed without notice	2
,, notices issued for defective drainage	8
,, ,, ,, ,, walls and floors	—
,, ,, ,, to repair defective ceilings	—
,, ,, ,, cleanse tables, utensils, etc.	1
,, ,, ,, to clean areas	—
,, references to Factory Inspector	2

CONFECTIONERY BAKEHOUSES.

Number on Register	65
,, of visits made	603
,, re-visits	49
,, found dirty (walls and ceilings)	25
,, notices issued for limewashing	22
,, bakehouses limed without notice	3
,, notices issued for defective drainage, &c.	15
,, ,, ,, to cleanse floors, utensils, etc.	1
,, References to Factory Inspector	2

OUTWORKERS.

Number of outworkers on Register		26
,,	visits made to houses of outworkers	93
,,	re-visits	—
,,	notices served for sanitary defects at houses of workers ...	—
,,	unwholesome premises	2
,,	dirty walls and ceilings	—
,,	notices complied with	2
,,	outworkers employed in Wallasey for Liverpool Firms—	
	Tailors	2
	Tailoresses	8
	Dressmakers, etc.	16
,,	outworkers employed in Liverpool for Wallasey Firms—	
	Tailors	4
	Tailoresses	—
	Dressmakers	—

WALLASEY EARLY CLOSING ORDER.

Number of visits of inspection (by day)		6,210
,, ,, ,,	(by night)	3,126
,,	instances in which provisions of the Act were found not to be complied with	12
,,	persons warned for contravening Act	12
,,	informations laid	—
Amount of fines and costs		—

SEATS FOR SHOP ASSISTANTS.

Number of shops affected		290
,,	assistants employed	380
,,	seats provided	324
,,	visits	285
,,	contraventions	2
,,	notices (complied with)	2

EMPLOYMENT OF CHILDREN ACT, 1903.

Number of visits		75
,,	contraventions	26
,,	persons warned	23
,,	informations laid	3
,,	convictions	1
Amount of fines and costs		10/-

SHOP HOURS ACTS, 1892-1912.

Number of shops in which young persons employed	789
„ visits of inspection to shops	499
„ persons warned	14
„ re-visits	14

MEAT INSPECTION.

Number of visits paid to the Wallasey and Alfred Lairages during the year	1,307
Amount of Meat taken from the Lairages and destroyed as unfit for human food	143,167lbs.

INSPECTION OF CATTLE PENS.

Number of visits paid during the year	4,246

SHOP INSPECTION.

Amount of meat, etc., taken in small quantities and destroyed as unfit for human food	3,275 lbs.
Number of visits to pork shops and premises where meats are prepared for sale	3,197
„ „ butchers' shops	5,302
„ „ fish and poultry shops	2,340
„ „ fried fish shops	1,185
„ inspections of hawkers' carts and baskets	1,319

SLAUGHTER-HOUSE INSPECTION.

Number of visits to Private Slaughter-houses	2,158
Amount of Meat, etc., seized and destroyed as unfit for human food, consisting of:	25,381 lbs.

Beef	16,802	lbs.
Mutton	1,775	„
Veal	1,851	„
Offal	2,578	„
Pork	2,375	„
Lamb	—	„
Total ...	25,381	„

INSPECTION OF ICE CREAM CARTS, &c.

Number of visits to premises where Ice Cream is manufactured or sold	19

UNFENCED EXCAVATIONS.

Number of quarries found in an unfenced condition	3
„ Notices served to provide proper fences	3

SPECIAL COMPLAINTS.

Number of special complaints received and dealt with	1,259

HOUSES WITH INSUFFICIENT ASHPITS.

Number of houses found without sufficient ashpits or ashbins ...	289
„ offensive ashpits abolished	128

PRIVY CONVERSION.

Number of offensive privies converted into proper and sufficient water closets	—

DRAIN TESTING.

Number of houses at which drains or branches have been specially tested by means of smoke or water	137

EXAMINATION OF UNDERGROUND DRAINS.

Number of applications made to Council under Section 41 of the Public Health Act, 1875, to lay bare pipes and traps	26

OFFENSIVE TRADES.

Number of inspections paid to premises used for knackering or fat boiling purposes	47

MARINE STORE INSPECTION.

Number of premises entered on Register	5
„ inspections	66
„ offensive conditions discovered at time of visit, and for which notices were served	—
„ informations laid	—
„ convictions obtained	—
„ Magistrates' Orders obtained	—
Amount of Costs	—

PETROLEUM INSPECTION.

Number of persons licensed to store Petrol, etc.	26
„ inspections	52
„ contraventions discovered (non-renewal of licenses) ...	1

GAME LICENSES.

Number of tradesmen licensed to deal in Game	12

INSPECTION OF TENTS, VANS AND SHEDS.

Number of visits paid to encampments and caravans	1,743

DISINFECTION.

Number of	Houses disinfected after fevers		402
,,	Rooms ,, ,, ...		983
,,	Houses ,, phthisis		107
,,	,, ,, other diseases		33
,,	,, ,, vermin, etc....		5
,,	Books from Public, Private, or School Libraries disinfected		167

LIST OF ARTICLES DISINFECTED.

Number of	Mattresses	269
,,	Beds	689
,,	Pillows and bolsters	1,274
,,	Blankets	854
,,	Quilts	667
,,	Sheets	655
,,	Articles of wearing apparel	2,721
,,	Miscellaneous articles	716
	Total	7,845

The following is a list of the articles destroyed by request of owners after infectious or other diseases :—

Number of	Mattresses	17
,,	Beds	26
,,	Pillows and bolsters	21
,,	Blankets	4
,,	Quilts	3
,,	Sheets	6
,,	Articles of wearing apparel	30
,,	Miscellaneous articles	48
	Total	155

FLUSHING.

The work of flushing the drains from house to house has been continuously carried out by four gangs of men throughout the year.

HOUSE TO HOUSE WORK.

Number of streets visited	3,357
„ houses visited	53,868
„ yard W.C.'s flushed	49,415
„ yard gullies flushed	156,033
„ drains found choked	5,101
„ drains cleared	4,366

SPECIAL FLUSHING IN INFECTIOUS CASES.

Number of streets visited	373
„ houses visited	562
„ yard W.C.'s flushed	562
„ yard gullies flushed	1,598
„ drains found choked	100
„ drains cleared	85

FLUSHING OF SCHOOLS, HOSPITALS, ETC.

Number of streets visited	85
„ schools, public buildings, etc.	93
„ yard W.C.'s flushed	1,272
„ yard gullies flushed	3,598
„ drains found choked	215
„ drains cleared	214

NUMBER OF PASSAGES SPECIALLY FLUSHED	237

TABLE I.

Vital Statistics of Whole District during 1912 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.			
		Uncorrected Number.	Nett.						Under 1 Year of age		At all Ages.	
			Number.	Rate.	Number. *	Rate.	of Non-residents register'd in the District.	of Residents not registered in the District.	Number. *	Rate per 1,000 Nett Births.	Number. *	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1907	67,000	1,763	...	26·31	837	12·49	21	60	181	101·5	876	13·07
1908	71,000	1,738	...	24·40	874	12·30	27	59	176	101·4	906	12·70
1909	73,000	1,838	...	25·10	857	11·7	26	54	148	80·0	885	12·00
1910	75,000	1,724	...	22·9	842	11·3	18	64	140	86·0	888	11·8
1911	79,000	1,735	1,752	22·1	922	11·6	32	110**	190	109·0	1000	12·6
1912	81,000	1,770	1,791	22·1	848	10·4	33	122	137	76	944	11·6

NOTES.—This Table is arranged to shew the gross births and deaths in the district, and the births and deaths properly belonging to it with the corresponding rates. The rates are calculated per 1000 of the estimated gross population.

* In Column 6 are included the whole of the deaths registered during the year as having actually occurred within the district. In column 12 is entered the number in Column 6, corrected by substraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

‡ "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. ** Previous to 1911 only Institutional Deaths were transferred to us.

Area of District in acres (exclusive of area covered by water), 3,408. Total population at all ages, 78,504 (Census 1911). Number of inhabited houses, 16,920 (Census 1911). Average number of persons per house, 4·64 (1911 Census).

TABLE II.

Cases of Infectious Disease in Wallasey notified during the Year 1912.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.								TOTAL CASES NOTIFIED IN EACH WARD.										TOTAL CASES REMOVED TO HOSPITAL FROM EACH WARD.										Total Cases removed to Hospital.
	At all ages	At Ages—Years.							1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 & upwds																					
Small-pox	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	..	...	...	...	...	...	...	...	1	1
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	75	1	20	35	10	9	...	...	9	11	6	12	4	6	8	5	6	8	1	6	2	4	2	3	9	3	5	4	39
Erysipelas	28	...	...	...	5	13	9	1	1	3	6	4	2	2	2	2	2	4	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	307	2	68	205	22	10	...	...	21	22	44	42	18	25	19	40	43	33	10	6	30	29	9	24	12	36	25	24	205
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	16	...	...	1	6	7	2	...	1	4	2	3	...	1	2	1	1	1	1	1	1	...	...	...	1	...	3	...	7
Relapsing Fever	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	3	...	...	...	1	2	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	176	...	...	10	31	96	37	2	14	16	6	30	21	17	19	19	16	18	2	...	2	4	1	1	6	8	8	...	32
Other Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	606	3	88	251	75	138	48	3	46	56	67	91	45	51	50	67	68	65	14	13	35	37	12	28	28	47	41	29	284

Isolation Hospitals: Mill Lane Hospital* (Poulton); Leasowe Road Small-pox Hospital† (Wallasey); "North Meade House" (Seacombe), not used in 1912.

*Total available beds, 90. †Total available beds, 20.

Number of diseases that can be treated concurrently, 4.

TABLE III.

Causes of, and Ages at, Death in Wallasey during Year 1912.

Causes of Death.	Sexes.		Nett Deaths at the subjoined ages of "Residents" whether occuring in or beyond the District.									Total Deaths whether of "Residents" or "Non-Residents" in Public Institutions in the District.
	M.	F.	Total All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	
1			2	3	4	5	6	7	8	9	10	11
All causes (Certified	483	461	944	137	38	40	37	39	150	225	278	76
All causes (Uncertfied	...	...	...	...	...	...	...	...	...	—	...	...
Enteric Fever	2	1	3	...	...	...	...	2	1	...	...	1
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...
Measles	9	10	19	3	9	5	2	...	...	...	...	...
Scarlet Fever	1	5	6	...	1	2	3	...	...	...	...	3
Whooping-cough ...	7	8	15	7	5	2	1	...	...	...	...	...
Diphtheria and Croup.	7	2	9	...	...	3	6	...	...	...	...	4
Influenza	3	5	8	1	...	...	1	...	1	2	3	...
Erysipelas	1	...	1	...	...	...	...	...	...	1	...	1
Phthisis (Pulmonary Tuberculosis) ...	41	27	68	...	...	...	...	10	39	17	2	1
Tuberculous Meningitis	6	6	12	2	2	7	1	...	...	...	...	...
Other Tuberculous Diseases	8	5	13	6	1	2	1	...	2	1	...	1
Cancer, malignant Disease	26	55	81	...	...	1	...	1	13	30	36	5
Rheumatic Fever ...	2	2	4	...	...	...	1	2	...	1	...	...
Meningitis	3	2	5	1	1	3	...	...	...	...	...	1
Organic Heart Disease.	42	36	78	...	...	...	1	...	11	35	31	2
Bronchitis	20	25	45	6	...	2	...	...	4	8	25	2
Pneumonia (all forms)	63	40	103	17	14	5	4	5	22	22	14	13
Other diseases of Respiratory organs ...	5	1	6	...	...	...	1	...	1	3	1	...
Diarrhœa and Enteritis	2	3	5	3	...	1	...	...	...	...	1	...
Appendicitis and Typhlitis	4	1	5	...	...	...	1	1	...	3	...	2
Cirrhosis of Liver ...	4	3	7	...	...	...	...	...	...	6	1	...
Alcoholism	2	1	3	...	...	...	...	...	2	1	...	...
Nephritis and Bright's Disease	12	12	24	1	...	...	...	2	3	13	5	4
Puerperal Fever ...	...	4	4	...	...	...	...	2	2	...	...	...
Other Accidents and diseases of Pregnancy and Parturition ...	...	8	8	...	...	...	...	1	7	...	...	2
Congenital Debility and Malformation, including Premature Birth	38	24	62	60	2	...	...	...	...	...	...	3
Violent Deaths, excluding Suicide	19	12	31	4	...	2	3	4	6	2	10	13
Suicide	5	...	5	...	...	...	...	...	4	1	...	1
Other Defined Diseases	147	155	302	25	2	5	10	9	28	77	146	17
Diseases ill-defined or unknown	4	8	12	1	1	...	1	...	4	2	3	...
All causes	483	461	944	137	38	40	37	39	150	225	278	76

TABLE IV.

Infant Mortality during the year 1912.

NETT DEATHS FROM STATED CAUSES IN WEEKS AND MONTHS UNDER ONE YEAR OF AGE.

CAUSE OF DEATH.	Under 1 W'k	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 One Year.
ALL CAUSES { Certified...	40	6	4	6	56	24	27	11	19	137
ALL CAUSES { Uncertified	...	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	1	2	3
Scarlet Fever	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	1	1	1	...	4	...	6
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	1	...	...	1	2
Abdominal Tuberculosis	...	...	...	...	...	1	2	...	2	5
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	1	1
Meningitis *(not Tuberculous)*	...	...	...	...	...	...	...	...	1	1
Convulsions	4	...	...	...	4	1	4	...	1	10
Laryngitis	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	1	3	1	...	5
Pneumonia (all forms)	...	...	...	1	1	3	4	3	6	17
Diarrhœa	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	2	1	...	...	3
Gastritis	...	1	...	...	1	...	...	...	...	1
Syphilis	...	...	1	...	1	2	2	...	...	5
Rickets	...	...	...	...	...	...	...	...	1	1
Suffocation, overlying	2	...	...	...	2	1	...	...	...	3
Injury at Birth	...	...	...	...	...	...	...	...	...	...
Atelectasis	3	1	...	...	4	...	...	...	...	4
Congenital Malformations	4	...	2	...	6	1	...	1	1	9
Premature Birth	21	3	...	2	26	2	1	...	...	29
Atrophy, Debility, Marasmus	3	1	...	1	5	8	9	1	1	24
Other causes...	3	...	1	1	5	...	1	...	2	8
	40	6	4	6	56	24	27	11	19	137

Births in the year—Legitimate, 1,725, Illegitimate, 66—1,791. Deaths in the year of legitimate infants. 123, illegitimate infants, 14.

List of Streets in which Deaths have taken place in 1912.

STREETS.	January.		February.		March.		April.		May.		June.		July.		August.		September		October		November.		December.		TOTALS.	
	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.
Abbotsford Street	...	...	...	...	...	...	...	1	...	1	1	...	...	..	...	...	...	...	...	...	...	1	...	1	1	4
Acacia Grove	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Adelaide Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Addington Street	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Agnes Grove	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Ailsa Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	..
Alice Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Albemarle Road	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Albion Street	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2
Alverstone Road	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	3
Albert Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alfred Road	...	...	1	...	1	1	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	...	...	2	5
Alexandra Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Annesley Road	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2
Anglesey Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Apsley Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arnold Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ash Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ashburton Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ashville Road	...	...	2	...	1	...	...	1	1	...	...	1	...	..	...	1	...	...	...	...	...	...	...	1	2	7
Atherton Street	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Aylesbury Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Allerton Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Back King Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Back Water Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2
Back Willow Cottages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barrington Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Ball Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Balfour Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...

Balmoral Road							1																					1
Beaufort Drive																	1											1
Beatrice Street																							1					1
Beaconsfield Road			1											1													1	1
Beech Grove																												
Belmont Road																												
Belgrave Street																		1										1
Bell Road			1				1	1							1												1	3
Belle Vue Road			1								1						1								1			4
Belvidere Road											1									1					1			3
Beresford Road			2																									2
Berwyn Road																												
Bidston Avenue																	1											1
Bidston View																												
Big Yard																												
Birnam Road		1															1									1	1	1
Bisley Street				1										1												1	1	1
Birch Grove									2																			2
Birkenhead Road				1					1		1									1		1		1		1	1	5
Barnwell Avenue																							1					1
Bosnia Street																												
Braunton Road																												
Breck Road					1																							1
Breck Place																												
Brentwood Street					1																							1
Briardale Road									1																			1
Bridle Road											1																	1
Bridge Road																												
Bright Street																												
Bridgecroft Road																												
Brighton Street			1			1	3				1		2		1		1				1					1	10	
Brisbane Avenue																												
Bristol Avenue							1																					1
Britannia Road																									1			1
Bryn Bank																												
Broughton Road																1									1	1	1	
Brougham Road																	1								1			2
Brompton Avenue																												

List of Streets in which Deaths have taken place in 1912 (continued).

STREETS.	January.		February		March.		April.		May.		June.		July		August.		September		October		November.		December.		TOTALS.	
	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.
Brook Place	...	...	...	1	...	1	...	1	...	...	...	...	...	...	**2**	...	...	...	...	...	...	...	...	...	**2**	3
Brook Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2
Brotherton Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Bruce Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**1**	...	...	...	**1**	...
Broxton Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Buchanan Road	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	...	3
Burnaby Street	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	3
Buckingham Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Burns Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Bulkeley Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Byerley Street	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	3
Byron Road	...	1	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	**1**	...	...	...	...	2	**1**	6
Caithness Drive	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	4
Caldy Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**1**	...	...	...	...	...	...	...	...	...	**1**	...
Canterbury Road ..	...	...	...	...	...	..	...	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	..	4
Cambridge Road ...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	3
Carrington Road...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardigan Road	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Cavendish Cottages	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Carlton Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Catherine Street ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Castle Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Cedar Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Cecil Road...	**1**	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	**1**	2
Chamberlain Street ...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Chapel Street	...	1	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	5
Chatsworth Avenue ...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Charles Street	...	...	...	...	...	...	...	...	...	...	**1**	...	...	...	...	...	...	...	...	1	...	...	...	...	**1**	1
Charlotte Road	**1**	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	**1**	4

Chepstow Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Cherrybank Road	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	4	...
Chester Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Church Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Church Street	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	4
Church Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Church Crescent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Churchill Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Claremount Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clarence Road	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Clare Crescent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Clarendon Road	...	...	2	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	6
Claughton Drive	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Clayton Lane	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Clifton Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clifford Road	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Clwyd Street	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	...	...	1	3
Clydesdale Road	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2
Comely Bank Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Comely Bank Road	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Coniston Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Conway Street	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Coningsby Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Constantine Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Corbyn Street	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Cranford Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crescent Road	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Coronatian Avenue	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Creekside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cromer Drive	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Cross Street	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Croxteth Avenue	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3
Cumberland Road	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Cyprus Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Central Park Avenue	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	2
Cavendish Cottages	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Danehurst Road	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1

List of Streets in which Deaths have taken place in 1912 (continued)

STREETS.	January.		February.		March.		April.		May.		June.		July		August.		September		October		November.		December.		TOTALS.	
	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.
Daisy Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Dalton Road	...	...	...	1	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	5
Daresbury Road	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Dalmorton Road... ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	3
Darlington Street ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Daventree Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delamere Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dean Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Demesne Street	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	..	1	...	4
Denman Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Denton Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Derby Cottages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Derwent Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Derby Road	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Deveraux Drive	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	2	1	5
Devon Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	1	...	3
Drayton Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
Dock Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dovedale Road	...	1	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	2
Dudley Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Duke Street	...	...	...	1	...	...	...	1	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	2
Durban Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Dundee Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Earlston Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eaton Avenue	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Eaton Street	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Eddisbury Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1

Eden Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Edinburgh Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Edith Road ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2
Edgmond Street ...	...	...	1	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	3
Egerton Grove ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Egerton Street ...	...	1	...	...	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	1	...	5
Egremont Promenade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ellesmere Grove ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Elg'n Drive ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Eleanor Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ellis Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Empress Road ...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	3
Ennerdale Road ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Elmswood Road ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2
Erskine Road ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	3
Evelyn Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Exeter Road ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	3
Ethel Road ...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Elleray Park Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fairfax Road ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2
Fairview Avenue ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1
Falkland Road ...	...	...	1	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	5
Fell Street... ...	...	1	...	...	1	...	1	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	4	...	2
Ferndale Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ferry View Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Field Cottages ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Field Road ...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	5
Florence Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	2
Folly Lane ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2
Fowell Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Garden Cottages ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Geneva Road ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Gerard Road ...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Gladstone Road ...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	2	2
Glenalmond Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1

List of Streets in which Deaths have taken place in 1912 (continued).

STREETS.	January.		February.		March.		April.		May.		June.		July		August.		September		October		November.		December.		TOTALS.	
	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.
Glenburn Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Glebe Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Glencoe Road ...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Glyn Road ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Gomer Gardens ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	2	...
Gorsehill Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	2
Gorsebank Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gordon Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grange Avenue ...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Granville Terrace ...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Grasmere Drive ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grafton Road ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Green Lane (Egremont) ...	...	...	1	...	2	1	..	...	2	...	...	...	1	...	...	...	...	1	1	...	...	...	...	...	2	7
Green Lane (Wallasey) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Greenbank Avenue ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
Greenfield Street ...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	3	1
Greencroft Road ...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Greenheys Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Greasby Road ...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gresford Place ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosvenor Drive ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grosvenor Road ...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	2
Grosvenor Street ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..	1	...	...	...	2
Grove Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Groveland Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Guildford Street ...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2
Hale Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Halsbury Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Halstead Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Hamlet Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	1	
Hallville Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Hamilton Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	
Hampstead Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	
Harlech Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Harcourt Avenue	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
Hartismere Road	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	1	3		
Hartington Road	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Harold Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Harrowby Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Hatherley Street	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	1	...	6		
Hawarden Avenue	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	2		
Hawthorne Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1		
Hawthorndale Road	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...	...	5		
Haydock Road	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2		
Hazeldene Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1		
Hertford Drive	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
Higher Seacombe	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Hillside Road	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	3		
Holland Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1		
Hope Place	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Hope Street	...	...	...	1	...	...	1	...	1	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	5		
Heathbank Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Hood Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Hose Side Road	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2		
Hothfield Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	2		
Ilchester Road	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...		
Ilford Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Imperial Avenue	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
Ivor Road	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2		
James Street	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
John Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Jubilee Grove	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..	...	...	...	1	...	..	...	...	...	...	...	2		
Juliet Street	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		
Kelvin Road	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2		
Kendal Road	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Kenilworth Road	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1		

List of Streets in which Deaths have taken place in 1912 (continued).

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Kent Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Keswick Road ...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kimberley Road ...	..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Kinglake Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
King Street ...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	6
Kingsley Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kingswood Road...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Kinnaird Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kirkland Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kingsway	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laburnum Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..	...	...	1
Lancaster Avenue	...	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	2	...	...	..	1	...	1	1	6
Lansdowne Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1	...	...	...	1
Langdale Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Ladyewood Road	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
Larch Road ...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Latham Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lea Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leopold Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leasowe Avenue...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Leasowe Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	2
Lennox Avenue ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Lever Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Lichfield Street ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Lily Grove ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Limekiln Lane ...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Lincoln Drive ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Linden Grove ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Liscard Crescent...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2

Liscard Grove ...	...	...	...	...	1	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Liscard Promenade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Liscard Road ...	...	...	1	...	1	...	...	...	...	...	2	...	1	...	...	1	1	1	1	...	1	...	2	...	...	2	10
Liscard Village ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Littledale Road ...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	2	...	1	...	1	...	7	
Longview Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Longland Road ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Lonsboro Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Luke Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lyndhurst Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Lumley Road ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Lucerne Road ...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	4	
Magazine Avenue	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2
Magazine Brow ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1
Magazine Lane ...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	...	...	5
Mainwaring Road	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	1
Malvern Road ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	
Manville Road ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Manor Road ...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	2	1	4	
Maldwyn Road ...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	2	
Marlowe Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	
Marlwood Avenue	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	
Marshlands Road	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
Marine Terrace ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Marine Promenade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	
Mariners' Homes...	...	...	2	...	2	...	...	...	1	...	2	...	...	...	2	...	3	...	...	...	1	...	1	...	3	...	17	
Margaret Street ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	
Mark Street ...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Martins Lane ...	..	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	1	3	
Massey Park ...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	3	
Matthew Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	
Mayfield Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	2	
May Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
May Place ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Meadow Street ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	...	...	...	1	...	...	...	3	
Melbourne Street	...	...	..	...	...	...	...	1	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	2	...	

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Merton Road	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	4
Mersey Street	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	2	1
Mill Lane	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	.	1	...	...	...	...	...	3
Middle Road	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Milton Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	2
Meddowcroft Road ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Model Farm Cottages ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1
Mollington Road	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	2
Molyneux Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montrose Avenue ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Monk Road	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Mornington Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Moreton Grove	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2
Morley Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Mossy Bank Road ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	3
Moseley Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	...	...	...	...	1	2
Mostyn Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Pleasant Road ...	...	...	...	...	...	2	...	1	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	6
Mount Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Montpellier Crescent ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Mulberry Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Naples Road	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	1	3
Nelson Street (Seacombe)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nelson Street (New Brighton ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newell Road	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Newland Drive	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
New Street	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	1
Norman Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..	...	...	..	...	1	...

North Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North View Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North William Street	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Northbrook Road	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Oakdale Road	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	1	...	...	1	...	...	1	1	1	2
Oakland Vale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Old Barn Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Orrell Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ormiston Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Osborne Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Osborne Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oxford Road	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2
Oxton Road	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	3
Oakbank Street	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Palatine Road	...	...	...	...	...	1	1	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	4
Palermo Street	...	...	...	1	...	...	...	...	...	1	...	1	...	2	...	1	...	1	...	...	...	...	...	...	...	1	...	1	7
Park Avenue	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Park Road	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	3
Park Street	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Parkside	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	3
Parry Street	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2
Parkfield Drive	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	4
Pear Tree Grove	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Pengwern Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Penkett Road	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Percy Road	...	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Percy Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Perrin Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peter Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Pickering Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Platt Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pleasant Street	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	3
Poole Road	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Portia Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...
Poplar Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poulton Road	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	2	...	...	...	...	...	...	1	1	5

List of Streets in which Deaths have taken place in 1912 (continued).

STREETS.	January.		February.		March.		April.		May.		June.		July		August.		September		October		November.		December.		TOTALS.	
	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.
Primrose Grove ...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Poulton Bridge Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Prescot Street ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Prospect Place ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Prospect Vale ...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Probyn Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2
Princes Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Queen Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Queensway ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Radnor Drive ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	3
Radstock Road ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2
Rake Lane ...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	3
Rankin Street ...	...	..	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	..	...	...	...	3
Rappart Road ...	...	1	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	4
Regent Road ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2
Rice Hey Road ...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Rice Lane	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	3
Richmond Street...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Rivington Road ...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Riversdale Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Rockpoint Avenue	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	1
Romeo Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	2
Rosalind Street ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Rosebery Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2	...
Rossett Place ...	...	2	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	6
Rowson Street ...	...	1	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	6
Rydal Bank ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rudgrave Place ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Rudgrave Square ...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	4
Royston Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Russell Road ...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Rullerton Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salisbury Road ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2
Sandfield Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**2**	...	...	1	...	...	...	...	**2**	...	1
Sandiways Road ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Sandiway Cottages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Sandy Lane ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandcliffe Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandon Promenade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandon Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandridge Road ...	...	..	...	**1**	...	...	1	...	...	...	...	...	...	...	...	**1**	...	...	...	...	1	...	...	...	...	**2**	2	
Sandringham Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
School Lane ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandymount Drive	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	
Sandrock Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	
Sea Bank Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	
Sea Bank Road ...	...	...	1	...	...	...	1	...	3	...	3	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	11	
Seacombe Promenade	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	
Selby Drive ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	1	...	2	
Scott Street ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	
Shakespeare Road	...	...	...	**1**	...	...	...	...	...	**1**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**2**	...	
Shaw Street ...	...	...	...	**1**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	**1**	2	
Sherlock Lane ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	**2**	...	...	...	...	...	**2**	1	
Shelton Road ...	...	**1**	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**1**	1	
Short Street ...	...	...	...	...	...	...	1	...	...	**1**	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**1**	1	
Sea View Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	
Sea View Road ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Sefton Road ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
Serpentine Road ...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	**1**	...	...	...	...	...	**1**	3	
Servia Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Seymour Place East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**1**	...	...	...	...	...	...	...	...	...	**1**	...	
Seymour Place West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Seymour Street ...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	
Sherwood Road ...	...	...	...	...	...	...	...	**1**	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	**1**	...	
Silverlea Avenue ...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	**1**	...	...	1	...	...	...	...	**1**	4	

List of Streets in which Deaths have taken place in 1912 (continued).

STREETS.	January.		February.		March.		April.		May.		June.		July.		August.		September		October		November.		December.		TOTALS.	
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Silverbeech Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
St. Alban's Road...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	**2**	...	...	...	...	...	...	...	...	1	**2**	3
St. Alban's Terrace	**7**	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	**7**	1
St. Bride's Road ...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2
St. Elmo Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. James's Road...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
St. George's Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. George's Mount	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
St. Lucia Road ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
St. Mary's Street...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	3
St. Mary's Avenue	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..	...	...	2
St. Paul's Road ...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	1	...	1	...	7
St. John's Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
St. Vincent Road...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	1	...	...	...	1	...	...	...	...	...	5
St. Winifred's Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stirling Street ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2
Stringhey Road ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Station Road ...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Stanley Street ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Stoneby Drive ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Stonehouse Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	1	...	3
Stoney Hey Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stourton Street ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sutton Road ...	...	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	5
Sudworth Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunningdale Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Strathcona Road...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Sydney Avenue ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	1
Shiel Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South View Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Standford Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sefton Cottages	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stanley Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Smithy Lane (Seacombe)	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Spring Vale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tabor Street	...	...	...	...	...	...	1	...	...	...	7	...	...	...	...	...	...	...	...	...	...	1	...	1	7	3
Tancred Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	7	...
The Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	1	...	...	...	7	1
The Grange	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Grove	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2
The Mount	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Summit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Thirlmere Street	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Thomas' Buildings	...	7	...	...	...	...	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	7	4
Tobin Street	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...
Tollemache Street	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	4
Tower Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	2
Tower Buildings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Torrington Road	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Trafalgar Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trafalgar Road	...	...	1	7	...	...	1	...	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...	1	7	6
Turret Road	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2
Tudor Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tulip Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Union Street	...	...	2	...	1	...	2	...	1	...	1	...	...	...	1	...	1	...	...	...	...	1	...	...	...	10
Union Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Upper Rice Lane	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Urmson Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	7	...
Unknown Address	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Vale Park	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Vale Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Valkyrie Road	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	1	6
Vaughan Road	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	3
Vicarage Grove	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Victoria Grove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	1	...	...	4

List of Streets in which Deaths have taken place in 1912 (continued).

STREETS.	January.		February.		March.		April.		May.		June.		July		August.		September		October		November.		December.		TOTALS.	
	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.	Under 1 Year.	Over 1 Year.
Victoria Road (Seacombe)	1	2	...	...	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	2	...	1	...	...	1	8
Victoria Road (New Brghton) ...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...	1	...	...	1	5
Victoria Place	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virginia Road	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2
Wallasey Road	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2
Wallasey Terrace ...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Wallasey Village... ...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	1	...	...	...	7
Wallacre Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Walmsley Street... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Walsingham Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Wallace Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warren Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Warwick Drive	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2
Waterloo Road	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Waverley Street	...	...	...	2	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	4
Wellesley Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wellington Rd. (Eg'mont)	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1
Wellington Road (N.B.)	...		...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	2
Wentworth Avenue ...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Westbank Avenue ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Wesley Grove	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Westmoreland Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West Street	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Westminster Road ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wilson Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...
Wilson Road	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
William Street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wilton Street	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Windsor Street	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1

Winterbey Avenue	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Withens Lane	...	...	...	...	..	...	...	1	...	...	...	1	1	...	...	...	...	...	...	...	2	.	1	...	1	1	...	2	6
Whitford Terrace	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wheatland Lane	...	...	...	...	...	2	1	...	...	2	...	1	...	...	...	1	...	...	...	...	2	..	...	...	1	1	2	2	11
Woburn Road	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Woodhall Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	1	...
Wood Lane	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Woodview Avenue	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	1	..	..	...	...	...	2
Woodland Drive	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Wright Street	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	1	..	1
Withington Road	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	1
York Avenue	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	...	...
York Road	...	...	1	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	1	...	.	...	...	...	...	...	5
York Terrace	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Zig Zag Road	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
TOTALS— ...	...	...	18	76	12	69	14	67	9	66	8	77	10	71	4	55	19	49	13	58	10	61	8	75	12	83	137	807