

[Report 1951] / Medical Officer of Health, Eccles Borough.

Contributors

Eccles (Greater Manchester, England). Borough Council.

Publication/Creation

1951

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BOROUGH OF ECCLES



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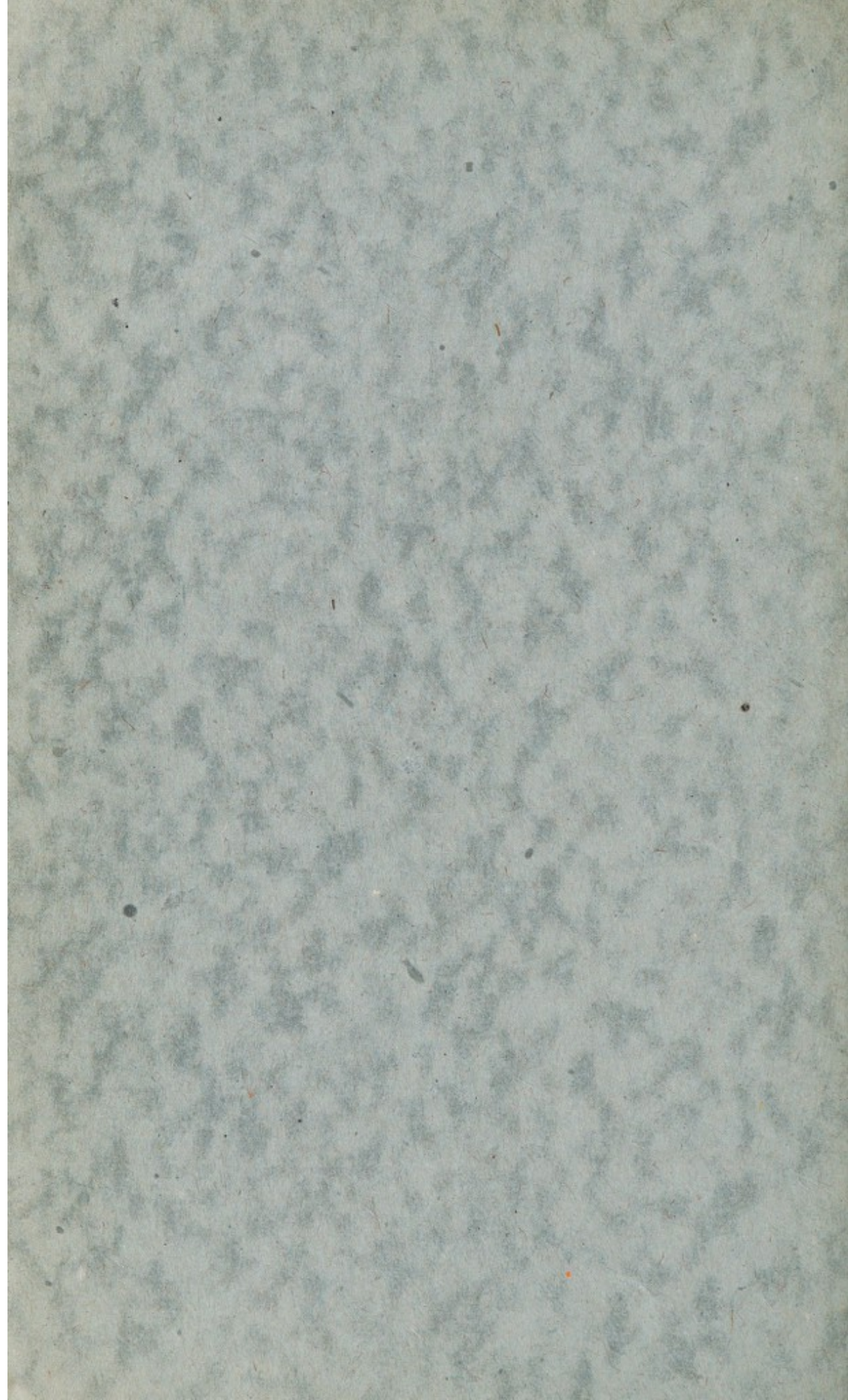
**MEDICAL OFFICER
OF HEALTH**

AND THE

SENIOR SANITARY INSPECTOR



For the Year ending December 31st, 1951



BOROUGH OF ECCLES



R E P O R T

OF THE

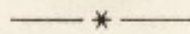
**MEDICAL OFFICER
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SENIOR SANITARY INSPECTOR

For the Year ending December 31st, 1951

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Members of the Health Committee

as at 31st December, 1951.



The Mayor : Alderman Mrs. M. O'KANE.

Chairman : Alderman Mrs. M. M. C. KEMBALL, J.P.

Vice-Chairman : Alderman P. LOMAX.

Aldermen : Mrs. N. E. HAYES, F.R.G.S.

O. WILLIAMS, C.C.

Councillors : D. W. ANDERSON.

Mrs. E. ATCHISON.

Mrs. M. HEELEY (Died 8/7/51).


J. McCANN.

P. NAUGHTON.

J. PEARSON.

Town Clerk : G. O. JONES.

Members of the Health Committee
as at 31st December, 1921
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Chairman : Mr. M. C. KENNEDY, J.P.
The Mayor : Mr. M. O'NEILL, J.P.
Members : Mr. E. ARTHUR, Mr. W. ARTHUR, Mr. M. HENRY (Died 1921), Mr. J. McCORMACK, Mr. J. FARRAR, Mr. G. O'NEILL

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ANNUAL REPORT
of the
Medical Officer of Health
for the Year 1951

— * —

TO THE MAYOR, ALDERMEN AND COUNCILLORS
OF THE BOROUGH OF ECCLES.

Ladies and Gentlemen,

I have to submit the Annual Report on the work of the Public Health Department for the year 1951, which has been prepared in accordance with the instructions contained in Ministry of Health Circular 42/51 of 10th December, 1951.

The population of the Borough at the Census taken during the year was 43,700, a decrease on the 1931 Census of 489 persons.

The birth rate of 14·2 per 1,000 of the population was the lowest for ten years. The death rate of 13·8 per 1,000 of the population was the highest since 1935. It is, however, satisfactory to be able to record that, for the third year in succession, no deaths were attributable to child-birth, and that the death rate of children under one year of age was the second lowest ever recorded and lower than the rate for England and Wales as a whole for 1951. No deaths occurred from Whooping Cough, Diphtheria, Meningococcal Infection, Poliomyelitis or Gastric Enteritis.

Notifications of Tuberculosis were the lowest for seven years, with the exception of 1948.

There was, however, an increase in notifications of other Infectious Diseases, due to an epidemic of Measles which commenced towards the end of 1950, over 1,200 cases occurring, of which 794 were in 1951. Whooping Cough notifications numbered 102, and Scarlet Fever 91.

There were 69 cases of Dysentery reported, most of which were isolated cases except for a small outbreak in a Nursery School affecting 13 children.

The campaign in connection with Food Hygiene has been vigorously pursued during the year.

I desire to thank the members of the Health Committee and the Council for their consideration and support, and to express my appreciation of the help and co-operation given by Mr. Taylor and the Sanitary Inspectors and by Mr. Evans and the clerical staff of the Department.

I am, Ladies and Gentlemen,

Yours obediently,

A. V. STOCKS,

Medical Officer of Health.

Public Health Department.
Irwell Place, Eccles.
July, 1952.

Public Health Officers of the Local Authority

Medical Officer of Health

A. V. STOCKS

M.A., B.Ch. (Cantab.), M.B., Ch.B., D.P.H. (Vict.)

Sanitary Inspectors

Chief Inspector :

H. R. TAYLOR, C.R.S.I., Cert. Insp. Meat & Food.

Deputy Chief Inspector :

R. MARTIN, D.P.A.(London), C.S.I.B., Cert. Insp. Meat & Food.

F. G. ASHCROFT, C.S.I.B., Cert. Insp. Meat & Food.

J. S. OLDFIELD, C.S.I.B., Cert. Insp. Meat & Food.

A. NEWTON, C.S.I.B., Cert. Insp. Meat & Food.

Pupil Sanitary Inspector :

D. HURST.

Clerical Staff

Chief Clerk : **J. W. EVANS**

Miss **D. BROUGHTON**

R. COLLEY

P. W. COLLIER

STATISTICS AND SOCIAL CONDITIONS OF THE BOROUGH.

Area (in acres)	3,417
Population (Census 1951)	43,927
„ (Estimated 1951)	43,700
Number of Houses and Flats, 1951	13,370
Rateable Value (December 1951)	£280,096
Sum represented by a penny rate 1950/51	£1,105

PHYSICAL FEATURES OF THE DISTRICT.

The area of the Borough is 3,417 acres. It extends from the Gilda Brook, which separates it from the City of Salford, westward for a distance of four miles to the boundary of Irlam U.D. Its southern boundary is the Manchester Ship Canal, from which it extends northwards for a distance of $1\frac{3}{4}$ miles to the boundaries of Worsley U.D. and Swinton & Pendlebury M.B.

The area is flat, its maximum height above ordnance datum being 136 feet in Half Edge Lane and its lowest point being below the 50-foot contour line in the neighbourhood of the old bed of the River Irwell at the west end of the Borough.

Barton Moss, which is about 75 feet above ordnance datum, has been drained and reclaimed by the Manchester Corporation Cleansing Department and now consists of fertile agricultural land, quite unsuitable for development owing to the difficulty in obtaining a solid foundation for buildings, the peat being 16 to 20 feet in thickness.

POPULATION.

The population at the 1931 Census was 44,416 persons, and at the 1951 Census 43,927, a decrease of 489 persons. The estimated population for the year 1951, as computed by the Registrar-General, was 43,700.

At the 1931 Census there were 10,699 structurally separate dwellings, giving an occupation density of 4.15 persons per dwelling. At the end of 1951 the estimated total number of houses in the Borough was 13,370, giving an occupation density of 3.27.

SOCIAL CONDITIONS AND OCCUPATIONS.

The principal occupations in which the population of the Borough is employed comprise commercial, professional and clerical occupations, a large proportion of these persons being employed in Manchester. A large proportion of adult males are engaged in engineering and metal trades or are railway or transport workers, while a smaller number are engaged in textile trades, building, furniture making, etc.

VITAL STATISTICS.

	1945	1946	1947	1948	1949	1950	1951
Population	39,440	41,270	41,740	43,870	43,980	44,370	43,700
Live Births—							
Males	313	431	446	410	380	351	309
Females	315	381	414	387	343	334	310
Total	628	812	860	797	723	685	619
Legitimate :							
Males	279	406	422	387	360	334	297
Females	288	362	396	367	332	315	292
Total	567	768	818	754	692	649	589
Illegitimate :							
Males	34	25	24	23	20	17	12
Females	27	19	18	20	11	19	18
Total	61	44	42	43	31	36	30
Birth Rate	15.9	19.6	20.6	18.1	16.4	15.6	14.2
Stillbirths :							
Males	15	15	13	14	12	10	14
Females	11	10	17	6	7	5	10
Total	26	25	30	20	19	15	24
Stillbirth Rate ..	39.0	29.0	33.0	24.0	26.0	21.0	37.0
Deaths :							
Males	295	271	299	277	295	293	299
Females	273	264	242	238	274	278	304
Total	568	535	541	515	569	571	603
Death Rate	14.4	12.9	12.9	11.7	12.9	12.9	13.8
Maternal Deaths:							
Puerperal Sepsis	1	0	1	0	0	0	0
Other causes ..	1	0	3	2	0	0	0
Infant Deaths ..	42	37	40	27	27	15	18
Infant Mortality Rates :							
All Infants	66.0	45.0	46.0	32.0	37.0	22.0	29.0
Legitimate ..	70.0	40.0	45.0	31.0	33.0	22.0	29.0
Illegitimate ..	32.0	136.0	71.0	46.0	129.0	28.0	111.0
Deaths from :							
Cancer	95	79	61	82	87	98	98
Measles	1	0	0	0	1	0	1
Whooping Cough	0	0	1	1	1	0	0
Diarrhoea							
(under 2)	3	6	8	6	8	0	0
Diphtheria ..	2	0	0	0	1	2	0

VITAL STATISTICS OF THE WHOLE DISTRICT during the years 1921—1951.

Year	Popula- tion	NETT BIRTHS		NETT DEATHS			Stillbirth Rate	MATERNAL DEATHS	
		Number	Rate	Under 1 Number	Year Rate	At All Ages Number		Sepsis	Other Causes
1921	44,960	887	19.7	72	78.0	520	42.7	1	1
1922	45,090	817	18.1	75	91.8	602	42.8	2	1
1923	45,270	791	17.7	42	53.1	490	30.4	2	2
1924	46,020	773	16.7	71	91.8	544	53.0	1	1
1925	45,960	793	17.2	54	68.0	509	—	—	3
1926	45,670	778	17.0	61	78.0	526	—	—	4
1927	45,390	709	15.6	43	60.6	577	—	1	1
1928	45,200	743	16.4	49	65.9	499	—	2	2
1929	45,040	682	15.1	47	68.9	597	—	0	1
1930	45,040	639	14.2	41	64.1	539	44.5	0	2
1931	44,770	606	13.5	51	84.1	524	32.5	2	0
1932	44,434	577	13.0	42	72.8	507	47.0	0	3
1933	44,942	536	11.9	28	52.2	486	59.5	1	2
1934	43,370	514	11.8	28	54.5	487	48.0	2	2
1935	42,900	533	12.8	23	41.6	498	48.0	0	3
1936	42,770	602	14.0	33	54.0	525	55.5	2	4
1937	42,560	626	14.7	41	65.0	573	29.5	2	1
1938	42,550	593	13.9	36	60.0	521	45.5	0	1
1939	42,630	586	13.7	22	37.5	541	65.4	0	2
1940	41,440	602	14.5	47	77.0	711	42.9	0	0
1941	40,910	561	13.7	51	90.0	614	37.7	0	0
1942	40,360	659	16.3	42	63.7	547	26.6	0	0
1943	40,090	637	15.8	35	54.0	491	28.9	0	0
1944	39,430	751	19.0	43	57.2	519	33.4	0	2
1945	39,440	628	15.9	42	66.0	568	39.0	1	1
1946	41,270	812	19.6	37	45.0	535	29.0	0	0
1947	41,740	860	20.6	40	46.0	541	33.0	1	3
1948	43,870	797	18.1	27	32.0	515	24.0	0	2
1949	43,980	723	16.4	27	37.0	569	26.0	0	0
1950	44,370	685	15.6	15	22.0	571	21.0	0	0
1951	43,700	619	14.2	18	29.0	603	37.0	0	0

NOTIFIABLE DISEASES.

Number of Cases of Infectious Disease notified, Number of Deaths from these Diseases, Number of Cases Removed to Hospital, and Deaths in Hospital during the year 1951.

	CASES NOTIFIED.												
	YEARS :												
	<i>Total Cases, all ages</i>	<i>Under 1 year</i>	<i>1 to 2</i>	<i>2 to 3</i>	<i>3 to 4</i>	<i>4 to 5</i>	<i>5 to 10</i>	<i>10 to 15</i>	<i>15 to 20</i>	<i>20 to 35</i>	<i>35 to 45</i>	<i>45 to 65</i>	<i>65 and over</i>
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria Carrier ..	7	—	—	—	1	—	5	—	—	—	1	—	—
Measles	794	28	73	133	157	173	217	8	1	4	—	—	—
Whooping Cough ..	102	13	10	12	14	19	28	3	—	2	—	1	—
Scarlet Fever	91	—	—	6	13	15	40	13	2	1	—	1	—
Ophth. Neonatorum ..	3	3	—	—	—	—	—	—	—	—	—	—	—
Pneumonia—													
Acute Primary ..	26	2	2	2	2	1	2	1	1	3	3	6	1
Acute Influenzal ..	14	—	—	—	—	—	—	—	1	1	2	4	6
Erysipelas	19	—	—	—	—	—	—	2	—	2	4	6	5
Pemphigus	2	2	—	—	—	—	—	—	—	—	—	—	—
Meningococcal													
Infection	2	1	—	—	—	—	—	—	—	—	—	1	—
Typhoid	2	—	—	—	—	—	—	—	—	1	1	—	—
Paratyphoid	3	—	—	—	—	—	2	—	1	—	—	—	—
Food Poisoning	10	—	—	1	—	—	3	1	1	3	—	1	—
Dysentery	69	2	3	5	12	11	10	2	4	9	4	7	—
Tuberculosis—													
Pulmonary	41	1	—	—	—	—	1	—	2	15	9	10	3
Non-Pulmonary ..	4	—	—	—	—	—	1	1	2	—	—	—	—
TOTALS	1189	52	88	159	199	219	309	31	15	41	24	37	15

	WARDS.								HOSPITAL		Total Deaths
	Barton	Eccles	Irwell	Monton	Patricroft	Trafford	Westwood Park	Winton	Total Cases re-moved to Hospital	Deaths in Hospital	
Diphtheria	—	—	—	—	—	—	—	—	—	—	—
Diphtheria Carrier ..	—	2	2	1	—	2	—	—	—	—	—
Measles	121	95	66	72	102	86	144	108	5	—	1
Whooping Cough	12	3	3	10	18	7	35	14	3	—	—
Scarlet Fever	11	4	11	10	10	9	31	5	19	—	—
Ophth. Neonatorum ..	—	1	1	—	—	1	—	—	—	—	—
Pneumonia—											
Acute Primary	2	6	3	2	1	1	5	6	—	—	23
Acute Influenzal ..	1	1	1	4	—	—	4	3	—	—	—
Erysipelas	1	2	—	5	1	3	4	3	3	—	—
Pemphigus	—	—	—	—	—	2	—	—	—	—	—
Meningococcal											
Infection	—	1	—	—	—	—	1	—	1	—	—
Typhoid	—	—	1	1	—	—	—	—	2	—	—
Paratyphoid	1	—	—	—	1	1	—	—	3	—	—
Food Poisoning	1	2	—	1	4	—	2	—	—	—	—
Dysentery	2	13	4	7	12	3	28	—	1	—	—
Tuberculosis—											
Pulmonary	1	3	5	7	8	9	5	3	—	—	20
Non-Pulmonary ..	1	—	3	—	—	—	—	—	—	—	1
TOTALS	154	133	100	120	157	124	259	142	44	—	45

INFECTIOUS DISEASES.

There were 1,189 notifications of infectious disease during the year, as against 773 notifications during 1950.

MEASLES.

Deaths and Case Mortality, 1946—1951.

	0—1 Years			1—2 Years			2—3 Years			Over 3 Years		
	Cases	Deaths	Mortality per 1000	Cases	Deaths	Mortality per 1000	Cases	Deaths	Mortality per 1000	Cases	Deaths	Mortality per 1000
1946.....	5	0	0·0	20	0	0·0	25	0	0·0	133	0	0·0
1947.....	29	0	0·0	74	0	0·0	98	0	0·0	542	0	0·0
1948.....	23	0	0·0	47	0	0·0	69	0	0·0	427	0	0·0
1949.....	12	0	0·0	62	1	16·1	62	0	0·0	278	0	0·0
1950.....	19	0	0·0	43	0	0·0	56	0	0·0	295	0	0·0
1951.....	28	0	0·0	73	0	0·0	133	0	0·0	560	1	1·7

An epidemic of Measles occurred during the closing months of 1950 and continued during the first three months of 1951. There were 413 notifications of the disease in 1950 and 794 in 1951. The previous outbreak occurred in the autumn and winter of 1948/1949.

WHOOPIING COUGH.

Deaths and Case Mortality, 1946—1951.

	0—1 Years			1—2 Years			2—3 Years			Over 3 Years		
	Cases	Deaths	Mortality per 1000	Cases	Deaths	Mortality per 1000	Cases	Deaths	Mortality per 1000	Cases	Deaths	Mortality per 1000
1946.....	4	0	0·0	8	0	0·0	8	0	0·0	35	0	0·0
1947.....	22	0	0·0	16	1	62·5	20	0	0·0	88	0	0·0
1948.....	20	0	0·0	20	1	50·0	13	0	0·0	114	0	0·0
1949.....	17	1	58·8	20	0	0·0	15	0	0·0	87	0	0·0
1950.....	12	0	0·0	10	0	0·0	18	0	0·0	92	0	0·0
1951.....	13	0	0·0	10	0	0·0	12	0	0·0	67	0	0·0

102 cases of whooping cough were reported this year, against 132 cases in 1950.

IMMUNISATION.

During the year 625 children had a primary immunisation, as against 412 in the previous year. The number of children who, having been previously immunised, received boosting doses during the year was the largest since 1942, no less than 611 children being treated, as against 464 in the previous year. It is estimated that 43.2% of children under 5 years of age had been immunised by the end of December, 1951, and that 90.9% of the children aged 5-15 years have been immunised. Amongst the young people in the district over the age of 15 years, it is estimated that 3,640 have been immunised at some time or another.

BOOSTING DOSES.

Total received Boosting Doses aged under 5 years on 31st December, 1951	246
Total received Boosting Doses aged 5-14 years on 31st December, 1951	2,840
Total received Boosting Doses aged 15 years and over on 31st December, 1951	905
Grand Total	<hr/> 3,991 <hr/>

DIPHTHERIA IMMUNISATION.

Persons Inoculated each year. New Cases.

Year of Birth	Year Inoculated :																Total under 5 years on 31/12/51 = 1585	Total aged 5—14 yrs. on 31/12/51 = 5324	Total aged 15 and over	GRAND TOTAL
	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936					1935	1934	Total
1951	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18
1950	250	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	252
1949	88	206	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	318
1948	17	61	373	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	479
1947	31	26	100	331	30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	518
1946	69	14	25	142	339	28	—	—	—	—	—	—	—	—	—	—	—	—	—	617
1945	50	35	10	28	95	227	4	—	—	—	—	—	—	—	—	—	—	—	—	499
1944	64	32	8	44	30	136	304	5	—	—	—	—	—	—	—	—	—	—	—	623
1943	28	19	2	61	22	43	94	246	1	—	—	—	—	—	—	—	—	—	—	516
1942	5	7	2	54	62	40	41	87	222	15	—	—	—	—	—	—	—	—	—	535
1941	—	6	2	33	56	48	23	33	85	209	1	—	—	—	—	—	—	—	—	496
1940	2	—	6	12	29	47	38	46	42	165	115	—	—	—	—	—	—	—	—	502
1939	1	2	4	—	13	48	34	63	93	146	128	33	—	—	—	—	—	—	—	565
1938	1	—	11	2	—	12	23	65	72	136	74	56	36	—	—	—	—	—	—	488
1937	—	1	8	—	1	2	19	63	117	161	94	19	28	19	1	—	—	—	—	355
1936 to 1926	1	1	19	—	1	11	22	73	199	623	608	407	197	386	846	50	89	107	3640	Total aged 15 and over
	625	412	594	735	678	642	602	681	831	1455	1020	515	261	405	847	50	89	107	10549	GRAND TOTAL

SCARLET FEVER.

There was a light increase in the number of notifications of Scarlet Fever, 91 cases being reported in 1951 against 72 cases in 1950. The disease continues to be of a mild type.

DIPHTHERIA.

There were no notifications of Diphtheria during the year, but seven carriers were found in the early part of the year in connection with the outbreak of Diphtheria that had occurred in a school in the previous November. An extensive programme of swabbing was carried out during January and February, a total of 1,288 swabs being taken, and it was during this that the carriers were detected.

FOOD POISONING.

Ten cases of food poisoning were notified during the year. All were single isolated cases from which no actual evidence of food poisoning was ascertained.

TYPHOID.

Two cases of Typhoid were reported during the year. The first case notified was a male aged 27 years, and from a number of contacts examined, another male aged 43 years who worked with the first case was also found to be suffering from Typhoid. Both men were employed in a bakery outside the Borough, and the second case was found to be ill at the home of a relative in the Borough. The Medical Officers of Health of the districts concerned were informed and investigations were made, but there was no further spread of the disease.

DYSENTERY.

Sixty-nine cases of Dysentery were reported during the year, as against only three cases in 1950.

Of these, 13 occurred in a Nursery School; the remaining 56 were single isolated cases which appeared to have no connection with one another or common origin. Of these, 18 were children under school age, 18 were school-children, and 20 were adults.

TUBERCULOSIS.

There were 41 notifications of pulmonary Tuberculosis and 4 cases of non-pulmonary Tuberculosis received during the year, against 52 pulmonary and 7 non-pulmonary in 1950, this being a decrease of 11 pulmonary and 3 non-pulmonary over the previous year. Details of the cases in age groups are given below.

New Cases and Mortality, 1951.

Years	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	—	1	—	—	—	—	—	—
1—5	—	—	—	—	—	—	—	—
5—10	1	—	—	1	—	—	—	—
10—15	—	—	—	1	—	—	—	—
15—20	1	1	—	2	—	—	—	1
20—25	5	4	—	—	—	—	—	—
25—35	4	2	—	—	—	3	—	—
35—45	7	2	—	—	3	2	—	—
45—55	5	3	—	—	4	2	—	—
55—65	1	1	—	—	3	2	—	—
65 and over..	2	1	—	—	3	—	—	—
Totals ..	26	15	—	4	13	9	—	1

Distribution of Notifications in Wards.

Wards	Pulmonary	Non-Pulmonary	All Cases
Barton	1	1	2
Eccles	3	—	3
Irwell	5	3	8
Monton	7	—	7
Patricroft	8	—	8
Trafford	9	—	9
Westwood Park	5	—	5
Winton	3	—	3
Borough	41	4	45

New Cases and Mortality, 1946—1951.

	New Cases			Deaths		
	Pulm.	Non-Pulm.	Total	Pulm.	Non-Pulm.	Total
1946	35	14	49	26	2	28
1947	55	9	64	26	8	34
1948	38	3	41	14	1	15
1949	44	6	50	19	2	21
1950	52	7	59	17	3	20
1951	41	4	45	22	1	23

BIRTHS.

The number of children born during 1951 was 619, as compared with 685 during 1950 and an average of 775 over the preceding five years.

STILLBIRTHS.

The stillbirths number 24 as compared with 15 in the previous year. The stillbirth rate was 37·0 per 1,000 live and stillbirths, compared with 21 in 1950 and 26 in 1949.

INFANT MORTALITY.

During 1951 there were 18 deaths of infants under one year of age, equivalent to an Infant Mortality Rate of 29·0 per 1,000 births. This is the second lowest ever recorded in the Borough and is slightly below the Infant Mortality Rate for England and Wales for the same year. The Infant Mortality Rate for the Borough in 1950 was 22, in 1949 it was 37, and in 1948 it was 32.

The neonatal deaths, *i.e.* the number of deaths occurring in the first month of life, was 11, giving a neonatal mortality of 18·0 per 1,000 live births.

The causes of death in the first year of life included eight deaths from prematurity, two of which occurred in the first twelve hours of life, one at one day, two at two days, one at six days and two over two weeks. There were also two cases of asphyxia and three deaths due to congenital abnormalities. The remaining deaths were due to Toxaemia, Pyloric Stenosis, Atelectasis, Marasmus and Pneumonia.

DEATHS.

The number of deaths during the year was 603, compared with 571 in 1950 and an average of 546 during the five years 1946–1950. There were no maternal deaths. The total number of deaths of young persons between the ages of 1 year and 25 years is six, which is the lowest number ever recorded, as is shown on the table on the next page.

DEATHS AT VARIOUS AGES, 1930-1951.

Year	A G E S								
	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65 & over	TOTAL
1930	41	9	9	9	19	70	168	214	539
1931	51	12	11	13	18	49	151	219	524
1932	42	8	10	11	21	43	144	228	507
1933	28	9	10	6	14	60	146	213	486
1934	28	7	14	11	23	56	148	200	487
1935	23	2	5	8	9	56	155	240	498
1936	33	2	5	3	17	53	162	250	525
1937	41	5	8	8	20	49	164	278	573
1938	36	8	5	9	14	55	168	226	521
1939	22	4	7	6	16	64	163	259	541
1940	49	4	10	17	18	65	184	364	711
1941	49	6	9	13	15	60	154	308	614
1942	43	3	6	6	11	60	168	250	547
1943	35	3	4	5	16	32	131	275	491
1944	43	3	2	3	7	53	133	275	519
1945	42	2	5	6	7	39	167	300	568
1946	37	1	3	2	9	45	134	304	535
1947	40	8	5	7	11	37	143	290	541
1948	27	4	3	5	3	26	143	304	515
1949	27	1	3	4	4	28	141	361	569
1950	15	3	4	6	6	29	158	350	571
1951	18	—	1	1	4	34	150	395	603

CAUSES OF DEATH, 1950-1951.

	1950	1951
Tuberculosis (Respiratory)	14	20
Other Tuberculosis	2	1
Syphilitic Disease	2	2
Diphtheria	2	0
Whooping Cough	0	0
Meningococcal Infections	0	0
Acute Poliomyelitis	0	0
Measles	0	1
Other Infective and Parasitic Diseases	3	1
Cancer of Stomach	10	20
Cancer of Lung, Bronchus	19	16
Cancer of Breast	11	9
Cancer of Uterus	4	4
Cancer of other sites	54	49
Leukaemia, Aleukaemia	2	0
Diabetes	5	4
Vascular Lesions of Nervous System	73	72
Coronary Disease, Angina	57	60
Hypertension with Heart Disease	21	13
Other Heart Disease	98	94
Other Circulatory Disease	23	35
Influenza	5	20
Pneumonia	17	23
Bronchitis	54	64
Other Diseases of Respiratory System	7	6
Ulcer of Stomach and Duodenum	4	3
Gastritis, Enteritis and Diarrhoea	1	0
Nephritis and Nephrosis	10	12
Hyperplasia of Prostate	3	4
Pregnancy, Childbirth, Abortion	0	0
Congenital Malformations	7	3
Other Causes	50	47
Motor Vehicle Accidents	2	4
All other Accidents	9	10
Suicide	2	5
Homicide and Operations of War	0	1

BIRTH RATE, DEATH RATE and ANALYSIS OF MORTALITY during the Year 1951.

(Provisional Figures)

The rates for England and Wales have been calculated on a population estimated to the middle of 1951, but those for the towns have been calculated on populations estimated to the middle of 1950. (The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns).

	RATE PER 1000 <i>Total Population</i>		ANNUAL DEATH-RATE PER 1000 POPULATION								RATE PER 1000 LIVE BIRTHS	
	Live Births	Still-Births	All Causes	Typhoid & Paratyphoid Fevers	Small Pox	Measles	Scarlet Fever	Whoop. Cough	Diphtheria	Influenza	Diarrhoea & Enteritis (under 2 Yrs.)	Total Deaths under One Year
England and Wales ..	15.5	0.36	12.5	0.00	0.00	0.00	0.00	0.01	0.00	0.38	1.4	29.6
126 County Boroughs and Great Towns, including London..	17.3	0.45	13.4	0.00	0.00	0.00	0.00	0.01	0.00	0.36	1.6	33.9
148 smaller Towns (est. resident populations 25,000 to 50,000 at Census, 1931	16.7	0.38	12.5	0.00	0.00	0.00	0.00	0.01	0.00	0.38	1.0	27.6
ECCLES	14.2	0.55	13.8	0.00	0.00	0.02	0.00	0.00	0.00	0.45	0.00	29.0

THE MATERNAL MORTALITY RATES for England and Wales are as follows :—

Per 1000 Total Births	Abortion with Sepsis. 0.09	Abortion without Sepsis. 0.05	Puerperal Infections. 0.00	Others. 0.18
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GENERAL

PROVISION OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

All pathological specimens, as well as samples of milk for bacteriological examination, were sent for examination to the Public Health Laboratory, Monsall Hospital, Newton Heath, Manchester 10. During the year a total of 2,548 examinations were made at the laboratory.

Month	Diphtheria		Ice Cream					Milk for Tubercle Bacilli	
	Total	+	Total	Grade 1	Grade 2	Grade 3	Grade 4	Total	+
January	207	5	—	—	—	—	—	—	—
February	1081	2	—	—	—	—	—	4	—
March	284	1	—	—	—	—	—	1	—
April	9	—	—	—	—	—	—	—	—
May	25	—	6	6	—	—	—	—	—
June	13	—	6	3	—	3	—	—	—
July	36	—	8	4	1	1	2	—	—
August	32	—	—	—	—	—	—	—	—
September	5	—	2	2	—	—	—	1	—
October	4	—	—	—	—	—	—	2	—
November	18	—	—	—	—	—	—	1	—
December	4	—	—	—	—	—	—	—	—
Totals	1718	8	22	15	1	4	2	9	—

Various Investigations.

Milk, Turbidity Test	.. .. .	25
Milk, Methylene Blue Test	.. .. .	81
Milk, Phosphatase Test	.. .. .	71
Faeces	.. .. .	556
Urine	.. .. .	47
Tongue	.. .. .	1
Blood	.. .. .	11
Ice Cream (<i>Shigella Sonnei</i>)	.. .. .	3
Pus	.. .. .	3
Boil	.. .. .	1

PUBLIC BATHS.

There are two swimming pools, the larger pool containing approximately 66,000 gallons and the smaller pool 52,000 gallons. The water from both pools is driven by an electrically-operated pump to three 8 ft. Bell's Pressure Filters, being automatically dosed with alum and soda en route. After filtration, the water is warmed and aerated, chlorine gas is added, and then it is returned to the pools. The filters are capable of dealing with 28,000 gallons per hour, and the whole of the water in the two baths can be passed through in four hours. The treatment of the water is controlled by regular estimations of the *pH* value and amount of available chlorine.

In addition to the two bathing pools there are 20 slipper baths for males and 16 for females, which are well patronised.

Results of Bacteriological Examination of Water from Swimming Baths.

Date	Origin of Sample	COLIFORM ORGANISMS :	
		Found in	Not found
23/1/51	Small Plunge	—	100 ml.
14/2/51	Small do.	—	100 ml.
14/3/51	Small do.	—	100 ml.
11/4/51	Small do.	—	100 ml.
25/4/51	Large do.	—	100 ml.
22/5/51	Small do.	—	100 ml.
22/5/51	Large do.	—	100 ml.
20/6/51	Small do.	—	100 ml.
20/6/51	Large do.	—	100 ml.
4/7/51	Small do.	—	100 ml.
4/7/51	Large do.	—	100 ml.
18/7/51	Small do.	—	100 ml.
18/7/51	Large do.	—	100 ml.
1/8/51	Small do.	—	100 ml.
1/8/51	Large do.	—	100 ml.
15/8/51	Small do.	—	100 ml.
15/8/51	Large do.	—	100 ml.
25/9/51	Small do.	—	100 ml.
25/9/51	Large do.	—	100 ml.
24/10/51	Large do.	—	100 ml.
21/11/51	Large do.	—	100 ml.
12/12/51	Large do.	—	100 ml.

Results of Chemical Analysis from Swimming Bath.

Date	Origin of Sample	pH value	Free Chlorine (p.p. mill)	Appearance	Ammonia	Nitrites
23/1/51	Small Plunge	7.6	1.0	Clear	Nil	Nil
14/2/51	Small do.	7.4	0.8	do.	do.	do.
14/3/51	Small do.	7.5	0.5	do.	do.	do.
11/4/51	Small do.	6.9	0.8	do.	do.	do.
25/4/51	Large do.	7.2	0.25	do.	0.25	do.
22/5/51	Small do.	7.4	0.5	do.	Nil	do.
22/5/51	Large do.	7.4	0.5	do.	do.	do.
Total Residual Chlorine (p.p. mill)						
20/6/51	Large Plunge	7.6	0.4	Clear	Free Chlorine absent	
20/6/51	Small do.	7.5	0.3	do.	do.	
4/7/51	Large do.	7.4	0.5	do.	Free Chlorine present	
4/7/51	Small do.	7.4	0.6	do.	do.	
18/7/51	Large do.	7.3	0.7	do.	do.	
18/7/51	Small do.	7.3	0.9	do.	do.	
1/8/51	Large do.	7.4	0.8	Slightly Turbid	do.	
1/8/51	Small do.	7.3	1.0	do.	do.	
15/8/51	Large do.	7.4	0.7	Clear	do.	
15/8/51	Small do.	7.5	0.7	do.	do.	
25/9/51	Large do.	7.5	1.5	do.	do.	
25/9/51	Small do.	7.4	1.5	do.	do.	
24/10/51	Large do.	7.5	1.6	do.	do.	
24/11/51	Large do.	7.2	1.2	do.	do.	
12/12/51	Large do.	7.3	0.6	do.	do.	

CLINICS AND TREATMENT CENTRES.

Lancashire
County
Council.

*Maternity and Child Welfare Centre, Green Lane,
Patricroft.*

(1) **Infant Consultations.**

Monday, Tuesday and Thursday, 2-0 p.m. to
4-0 p.m.

Tuesday, 9-30 a.m. to 11-30 a.m.

(2) **Ante-Natal Clinic.**

Every Friday, 9-30 a.m. to 12 noon, 2-0 p.m.
to 4-30 p.m.

Wednesdays, 9-30 a.m. to 12 noon.

*Maternity and Child Welfare Centre, Catherine
Street, Winton.*

(1) **Infant Consultations.**

Every Wednesday, 2-0 p.m. to 4-0 p.m.

School Clinic, Irwell Place, Eccles.

(1) **Minor Ailments Clinic.**

Daily, 9-0 a.m. to 12 noon.

(2) **Dental Clinic.**

Monday, 9-0 a.m. to 12 noon, 2-0 p.m. to
4-0 p.m. Tuesday and Wednesday, 9-0 a.m.
to 12 noon.

(3) **Inspection Clinic.**

Friday, 9-0 a.m. to 11-0 a.m.

(4) **Ophthalmic Clinic.**

Tuesday, 9-0 a.m. to 12 noon, by appointment.

Infant Welfare Centre, Green Lane, Patricroft.

(5) **Orthopaedic Clinic.**

Third Thursday in each month, 2-30 p.m.

(6) **Speech Therapy Clinic.**

Monday, 9-0 a.m. to 12 noon, and 2-0 p.m.
to 4-0 p.m.

(7) **Orthoptic Clinic.**

Monday to Friday, by appointment.

(8) **Foot Clinic.**

Thursday, 1-30 p.m. to 5-0 p.m. by appoint-
ment.

Regional
Hospital.
Board.

*Tuberculosis Dispensary and Chest Clinic, Gilda
Brook Road, Eccles.*

Tuesday, 2-0 p.m. to 4-0 p.m.

Friday, 10-0 a.m. to 12 noon.

Manchester Regional Hospital Board.	<i>Venereal Diseases Clinic, Salford.</i> MALES. Monday to Thursday, 9-0 a.m. to 1 p.m. Thursday, 5-0 p.m. to 8 p.m. Friday, 9-0 a.m. to 8 p.m. Saturday, 9-0 a.m. to 1 p.m. Sunday, 9-0 a.m. to 1 p.m. FEMALES. Monday to Friday, 9-0 a.m. to 8 p.m. Saturday, 9-0 a.m. to 1 p.m. Sunday, 10-0 a.m. to 1 p.m.
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HOSPITALS.

No change in the hospital accommodation for the area has taken place during the year ; general cases are admitted to Park Hospital and the Eccles & Patricroft Hospital, while chronic cases are admitted to Bridgewater Hospital. A large number of cases from the district are also received by the various hospitals in Manchester and Salford.

Cases of infectious diseases and puerperal pyrexia are admitted to Ladywell Sanatorium, Salford, and Monsall Hospital, Manchester, while cases of smallpox are sent to the Florence Nightingale Isolation Hospital, Bury.

PUBLIC HEALTH LEGISLATION IN FORCE.

Public Health Acts Amendment Act, 1890 (Parts 2, 3 and 4).
Eccles Corporation Act, 1901.
Eccles (Housing of the Working Classes) Order, 1902.
Borough of Eccles (Offensive Trades) Confirmation Order, 1924.
Public Health Acts Amendment Act, 1907.
Part 7. Sections 85 and 86.
Public Health Act, 1925 (Part 2).
Lancashire County Council (Rivers Board and General Powers) Act, 1938—Sections 115 and 116.

Bye-Laws, Regulations, etc.

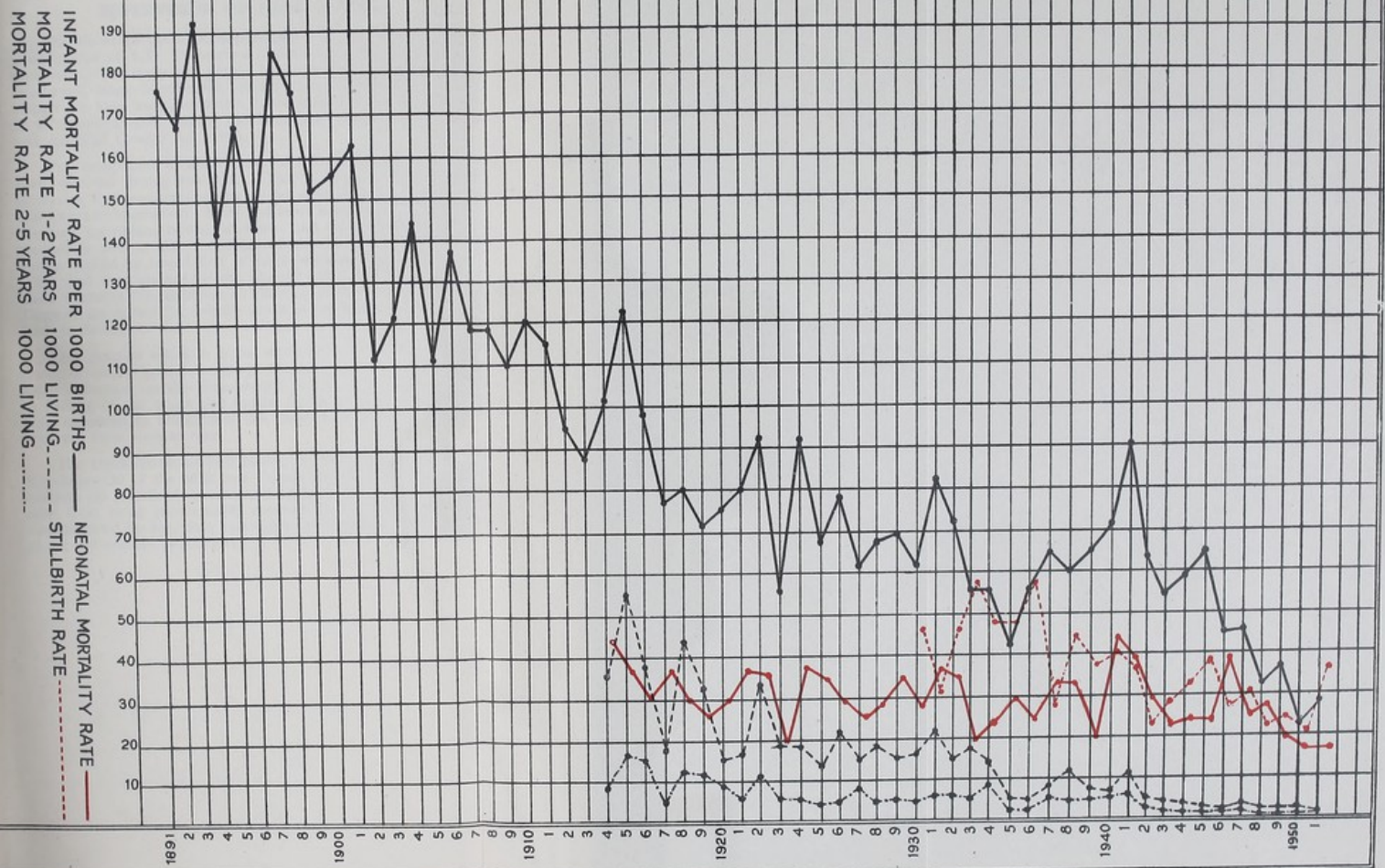
Houses let in Lodgings.	New Streets and Buildings.
Good Rule and Government.	Barbers' and Hairdressers' Weekly
Closing Order	Half-Holiday Order, 1927.
(Butchers' Shops).	Employment of Children.
Closing Order	Nursing Homes.
(Boot and Shoe Shops).	Improvement of Housing
Smoke Abatement.	Conditions.
Nuisances.	Eccles Fish & Chip Friers' Weekly
Slaughter Houses.	Half-Holiday Order, 1939.
Common Lodging Houses.	Food and Drugs Act, 1938.
Offensive Trades.	Section 15 (Cleanliness).

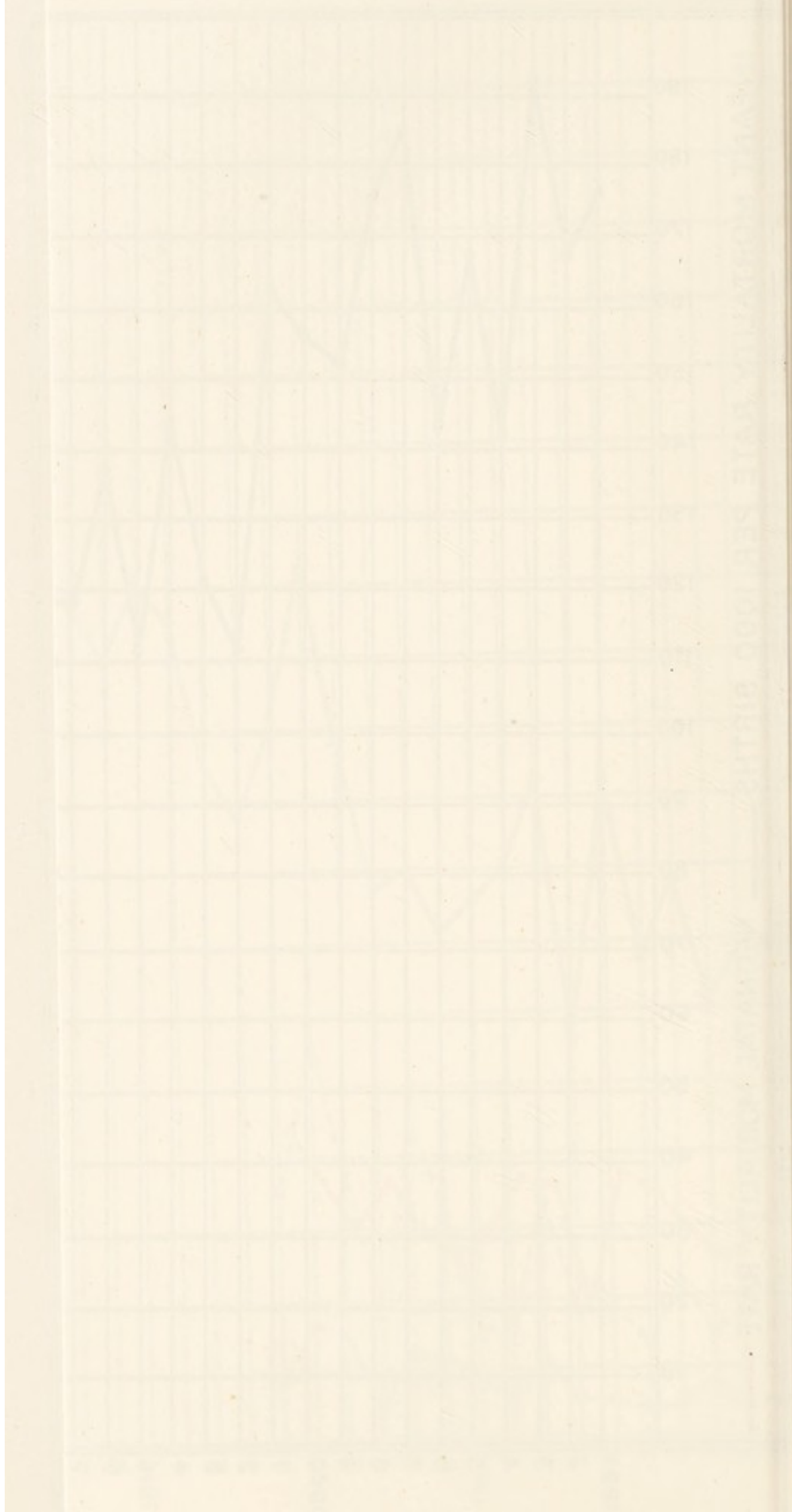
INFANT MORTALITY—1947-1951.

Nett Deaths from Stated Causes at Various Ages under 1 year.

Cause of Death	1947					1948					1949					1950					1951				
	Total	Under 1 day	1—7 days	1—3 weeks	1—3 months	3—12 months	Total	Under 1 day	1—7 days	1—3 weeks	1—3 months	3—12 months	Total	Under 1 day	1—7 days	1—3 weeks	1—3 months	3—12 months	Total	Under 1 day	1—7 days	1—3 weeks	1—3 months	3—12 months	
Measles																									
Scarlet Fever																									
Whooping Cough																									
Diphtheria																									
Tubercular Meningitis	1			1		1																			
Other Tuberculosis	1																								
Meningitis not Tubercular ..	1																								
Convulsions	1																								
Erysipelas																									
Bronchitis																									
Pneumonia	7	1	1	1	4		6	1	1	2	3		3	1	1	1	1	1	1					1	
Diarrhoea																									
Enteritis	6			1	1	4	5			1	4		2												
Gastritis																									
Syphilis																									
Injury at Birth	2		1			1	1	1																	
Atelectasis	4	1	3				3	3	1		1	1		3											
Congenital Malformations ..	3				1	1	3	1	1	1	1	1													
Premature Birth	9	2	5	1	1	1	1	1	1	1	1	1		2	1	1	1	1	2	1	1	1	1		
Atrophy, Debility, Marasmus ..	2		2	1	1	1	1																		
Icterus Gravis	2		2				1		1																
Heart Disease																									
Laryngitis																									
Influenza																									
Rickets																									
Suffocation																									
Other Causes	2						4	1	2		1		6	1	2	1	1	3	4	2	2		1	1	
TOTALS	40	3	13	5	6	13	27	5	5	2	6	9	26	1	4	5	3	13	15	5	5	2	1	2	

BOROUGH OF ECCLES INFANT AND CHILD MORTALITY 1891 - 1951





SUPERVISION OF MILK SUPPLY.

The whole of the milk distributed in the Borough of Eccles is designated as T.T. Pasteurised or Sterilised. No loose milk is distributed, the domestic supply being bottled, and the larger consumers being supplied in closed cans or churns. In this respect we have anticipated the future inclusion of the Borough as a "Specified Area" under the Food and Drugs (Milk Dairies and Artificial Cream) Act, 1950.

Few complaints of distribution of milk in dirty bottles have been received during the year. This is probably due to the increasing hygiene-consciousness of the general public, and of the dairy-workers themselves. More and more housewives are realising the need for rinsing bottles after use, and the advantage both to themselves and to their suppliers of this act of courtesy. All bottles should be rinsed first in COLD water to remove the milk solids and then washed in the normal way. Bottles should be made available for collection as soon as possible after emptying. There is no excuse for bottles to be accumulated; this merely leads to damage of the bottles, and makes cleansing more difficult.

One practice which is to be deprecated is the depositing of crates of empty bottles on the footpaths and at other points to await collection on the roundsman's return journey. This leads to fouling of the crates and bottles by dogs. Distributors have been requested to discontinue this practice, but deposits are still observed from time to time.

The attention of all distributors of milk has been drawn to Regulation 30 of the Milk and Dairies Regulations, 1949, which compels all practicable precautions to be used for preventing the milk from being unnecessarily exposed to heat, and from being contaminated by dirt, dust, rain-water, or otherwise. The position is not yet entirely satisfactory.

FOOD AND DRUGS.

During the year, 163 samples were taken under the Food and Drugs Act, of which 152 were found to be satisfactory. 97 were samples of milk, of which 49 were formal samples and 48 informal, while 47 informal samples and 19 formal samples of other food were taken. The foods sampled were as follows :—

	Number of Samples.	Number unsatisfactory.
Milk	97	—
Pepper Compound	1	—
Custard Powder	1	—
Desiccated Coconut	2	—
Meat Paste	3	1
Fish Paste	4	2
Polony	2	—
Saccharine Tablets	1	—
Jelly	1	—
Coffee	3	—
Tomato Ketchup	2	—
Tomato Sauce	1	—
Gelatine	2	—
Coffee Essence	2	—
Cream	2	—
Blancmange Powder	1	—
Table Jelly	1	—
Jelly Crystals	1	—
Self-Raising Flour	2	—
Herbal Cure	1	—
Ginger Wine	1	—
Jam	1	—
Foot Paste	1	—
Cake Mixture	2	—
Ice Cream	19	6
Vinegar (Malt)	1	—
Sausage	6	2
Sausage (Pork)	1	—
Ground Almonds	1	—
	<hr/> 163 <hr/>	<hr/> 11 <hr/>

The year under review was noteworthy in that all the samples of milk submitted were found to be genuine and, in addition, the general quality of the milk was higher than usual.

Samples Nos. 1700, 1701, 1702—Ice Cream.

These informal samples, in addition to being deficient in non-fatty solids, were deficient in fat to the extent of 20·0%, 24% and 56% respectively. The samples were taken whilst following up a food poisoning case. The results were communicated to the authorities where the ice creams were manufactured.

Sample No. 1689—Sausage.

This formal sample was found to be deficient in meat to the extent of 20·6%. A warning letter was sent to the butcher who made the sausage requesting him to take more care over his mixing.

Sample No. 1744—Ice Cream.

This informal sample was found to be deficient in fat to the extent of 30%. See Sample 1746.

Sample No. 1746.

This formal sample was a repeat of informal sample 1744, and was found to be deficient in fat to the extent of 26%. At the hearing in Eccles Court on the 13th August, 1951, the producer retailer was fined £5 with £4. 2s. costs, a total of £9. 2s.

Sample No. 1719—Sausage.

This formal sample was found to be deficient in meat to the extent of 40% on a 50% basis. At the hearing in Eccles Court the defendant was fined £10, with £3. 13s. 6d. costs, a total of £13. 13s. 6d.

Sample No. 1774—Ice Cream.

This formal sample was found to be 13% deficient in sugar. The vendor was interviewed and warned.

Sample No. 1801—Meat Paste.

This informal sample was found to be 9·4% deficient in meat on a 50% basis. A warning letter was sent to the manufacturer drawing attention to the imminence of a New Food Standard for this article.

Sample No. 1802—Salmon Paste.

This informal sample was found to be 8·1% deficient in fish on a 70% basis. A warning letter was sent to the manufacturer drawing attention to the imminence of a New Food Standard for this article.

Sample No. 1836.

This formal sample was found to be deficient in fish content to the extent of 22·1%. The manufacturer was interviewed and given advice as to mixing in order to comply with the Food Standards (Fish Paste) Order, 1951.

Report of the Senior Sanitary Inspector

TO THE MAYOR, ALDERMEN AND COUNCILLORS
OF THE BOROUGH OF ECCLES.

Ladies and Gentlemen,

I have the honour to submit my report of the work done by the Sanitary Inspectors and by the Refuse Collection Department during the year 1951.

Full details of the nature and extent of the work done are printed in the following pages.

Improvement in the frequency of refuse collection has been possible due to an easing of the labour situation.

An appreciable amount of work has been done in the matter of repairs to property, but depreciation is rapidly outpacing repairs to old property and the provision of new houses.

I express my appreciation for the support and consideration extended by the Public Health Committee and my thanks to the staff of the Public Health Department for their loyal co-operation.

I am, Ladies and Gentlemen,

Your obedient servant,

H. R. TAYLOR,

Senior Sanitary Inspector.

Public Health Department,
Irwell Place, Eccles.
July, 1952.

Report of the Senior Sanitary Inspector

HOUSING

Statistics

Number of new houses erected during the year :

- (a) Total, inc. numbers given separately under (b) (temp.)
- | | |
|---|-----|
| (i) By the Local Authority | 101 |
| (ii) By other Local Authorities | — |
| (iii) By other bodies and persons | 18 |

(b) With *State Assistance* under the Housing Acts :

- | | |
|--|---|
| (i) By the Local Authority (temp.) | — |
| (ii) By other bodies or persons | — |

1. Inspection of Dwelling Houses during the year :

- | | |
|--|-----|
| (i) (a) Total number of Dwelling Houses inspected for housing defects (under the Public Health or Housing Acts) | 966 |
| (b) Number of inspections made for the purpose .. | 966 |
| (ii) (a) Number of Dwelling Houses (including under sub-head (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1925 | 27 |
| (b) Number of inspections made for the purpose .. | 27 |
| (iii) Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 5 |
| (iv) Number of Dwelling Houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 961 |

2. Number of defective Dwelling Houses rendered fit in consequence of informal action by the Local Authority or their Officers 461

3. Action under Statutory Powers during the year :
 - (A)—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :
 - (i) Number of Dwelling Houses in respect of which notices were served requiring repairs 188
 - (ii) Number of Dwelling Houses which were rendered fit after service of formal notices :
 - (a) By Owners 88
 - (b) By Local Authority in default of owners.. .. 5
 - (B)—Proceedings under Public Health Act :
 - (1) Number of Dwelling Houses in respect of which notices were served requiring defects to be remedied 197
 - (2) Number of Dwelling Houses in which defects were remedied after service of formal notices :
 - (a) By Owners 97
 - (b) By Local Authority in default of owners .. 2
 - (C)—Proceedings under Sections 11 & 13 of the Housing Act, 1936 :
 - (1) Number of Dwelling Houses in respect of which Demolition Orders were made 2
 - (2) Number of Dwelling Houses demolished in pursuance of Demolition Orders 3

The total number of inhabited houses and flats in the Borough is 13,370.

Overcrowding.

114 cases of overcrowding were relieved during the year, involving 476 persons. These figures have been supplied by the Housing Manager.

The following table gives the number of houses built and the number demolished for the years 1926 to 1951 inclusive. There are 13 reconstructed temporary buildings at the Gun Site, Chatsworth Road, used for housing 18 families. Four existing houses were converted into eight flats, and one large house was converted into twelve flatlets for elderly ladies.

Year.	Houses built by Local Authority	Houses built by Private Enterprise	Houses Demolished
1926	72	36	15
1927	19	37	24
1928	78	46	69
1929	137	16	34
1930	26	3	29
1931	21	68	40
1932	—	69	14
1933	12	55	20
1934	112	85	68
1935	1	234	46
1936	82	251	76
1937	—	202	28
1938	2	294	10
1939	158	224	34
1940	—	—	49
1941	—	—	62
1942	—	—	—
1943	—	—	8
1944	—	—	10
1945	—	—	5
1946	34	8	4
1947	97	9	23
1948	83	10	3
1949	161	1	2
1950	130	2 Flats	5
1951	101	18	3
TOTAL	1,126	1,668	681

Sanitary Administration.

During the year 1,609 inspections were made, 3,651 defects or nuisances discovered, and 2,744 defects or nuisances abated, involving 4,613 re-inspections. In carrying out this work, 879 informal notices and 389 statutory notices were served, and 600 owners and contractors were interviewed.

The following is a list of the Statutory Notices served during the year:—

Section 45 of the Public Health Act 1936 ..	5
Section 93	187
Section 39	5
Section 103	1
Section 9 of the Housing Act 1936	188

Other Notices served were as follows :—

Section 102 of the Public Health Act 1936..	3
Section 157 of the Housing Act 1936	4

Sanitary Conveniences.

The estimated number and variety of Sanitary Conveniences in use at the end of the year were as follows :—

Fresh-water flushed closets	16,703
Waste-water flushed closets	29
Fresh-water flushed latrines	8
Pail closets	43
Dustbins	14,286
Baths	9,052

Water Supply.

The Manchester Corporation gave a continuous and adequate supply of water during the year. There was no occasion for restriction in its use by house-holders.

183 complaints of waste water due to burst pipes and defective fittings were made to the Waterworks Department.

Eradication of Bed Bugs.

Number of houses found to be infested :—

(a) Council houses	6
(b) Other houses	14

In 18 cases the Local Authority carried out disinfection by spraying with Zaldecide, and in 2 cases a Manchester firm of fumigators carried out disinfection by Hydrogen Cyanide of the premises and household effects.

During the year 109 visits were paid to premises by the disinfectors for the purpose of disinfecting, following cases of infectious disease. 17 visits were made for the purpose of disinfection, of which all were private premises. A sum of £16. 4s. 9d. was recovered from tenants towards the cost of these disinfections.

Disinfection.

85 library books were delivered to the department for disinfection.

During the year the department sold 451 bottles and $4\frac{1}{2}$ gallons of Izal, 143 bottles of Vermicine, and 261 boxes and 10 lbs. of beetle powder ; whilst 294 bottles of Izal were given free in cases of infectious disease.

A charge of 6d. has been made on each bottle, which sum is returnable to the purchaser on the return of the empty bottle, but very few purchasers will return the bottle after use and this has caused a great amount of inconvenience, owing to the difficulty in purchasing further supplies of poison bottles.

Complaints.

During the year 2,190 complaints were received by the department, of which 166 were by letter and 2,024 by telephone or by personal visits to the department.

Offensive Trades.

The only premises under this heading in the Borough are two rag and bone dealers and one tripe boiler.

Theatres and Cinemas.

There are six such places of entertainment in the Borough. These were inspected during the year and no defects were found.

Stables and Piggeries.

There are 19 stable premises and 33 premises where pigs are kept.

Milk and Dairies Regulations 1949, and Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations 1949.

The following Licences were issued under the above Regulations :—

Milk Distributors	130
Supplementary Licence (Pasteurised)	8
„ „ (Sterilised)	7
„ „ (T.T. Pasteurised)	3
„ „ (Accredited)	—
„ „ (Tuberculin tested)	5
Dealer's Licence (Sterilised)	121
„ „ (Pasteurised)	79
„ „ (T.T. Pasteurised)	30
„ „ (Tuberculin tested)	15
Pasteuriser	1

Registration of Premises for the Manufacture and Sale of Ice Cream and Preserved Foods.

LANCASHIRE COUNTY COUNCIL (RIVERS BOARD AND
GENERAL POWERS) ACT, 1938.

The following is a list of the types and number of premises for which certificates have been granted under the above Act :—

Manufacture of Ice Cream	7
Sale of Ice Cream	45
Manufacture of Sausages	10
Manufacture of Sausages and Preserved Meat	16
Manufacture of Preserved Meat	7
Manufacture of Preserved Fish	36
Manufacture of Water Ices	16
Sale of Water Ices	40
Sale of Wrapped Ice Cream	54
Hawkers	2

Mortuary.

The mortuary was used on 28 occasions for the reception of bodies.

National Assistance Act 1949.

Section 50 of the above-mentioned Act imposes on the Local Authority the duty of causing to be buried or cremated the body of any person who has died in its area, in any case where it appears to the Authority that no suitable arrangements for the disposal of the body will be made otherwise than by the Authority.

One application was made for burial under the above Act, but, upon investigation, it was found that relatives had made all arrangements. Therefore, no further action was taken.

Canal Boats.

There were no inspections of Canal Boats during the year. The boats delivering coal to the wharfs here are day boats and are not occupied by any person. The other traffic on the Canal consists of those boats passing through the district without stopping.

Contagious Diseases of Animals.

No suspected cases were reported.

Public Sanitary Conveniences.

The cleansing and maintenance of the Public Conveniences is vested in the Public Health Committee.

The following is a list of the Conveniences cleansed and maintained by the department :—

<i>Situation</i>	<i>Accommodation for Females.</i>	<i>Accommodation for Males.</i>
Bus Station, Lane End	6 W.C.'s	3 W.C.'s and 6 Urinal Stalls
Trafford Road	3 W.C.'s	2 W.C.'s and 3 Urinal Stalls
Peel Green	3 W.C.'s	2 W.C.'s and 2 Urinal Stalls
Winton Library	3 W.C.'s	2 W.C.'s and 3 Urinal Stalls
Barton Bridge, Barton Lane	3 W.C.'s	2 W.C.'s and 6 Urinal Stalls
Cab Stand, Wellington Road	Nil	3 Urinal Stalls
Patricroft Bridge	Nil	5 Urinal Stalls
Waggon & Horses, corner of New Lane	Nil	4 Urinal Stalls
Monton Green	Nil	4 Urinal Stalls

Much damage has been done again in the Conveniences during the year. 172 defects were reported, and the cost of repairing amounted to £74. 15s. 5d.

Shops Acts.

There are 921 shops in the Borough, classified as follows :—

Butchers	54	Wardrobe Dealers	8
Greengrocers	59	Motor Accessories	8
Mixed Business	210	Plumbers	3
Ladies' & Gent's Hairdressers . .	49	Florists	4
Ladies' & Gent's Outfitters . . .	45	Corn Merchants	3
Children's Outfitters	5	Leather Goods	2
Bakers and Confectioners	38	Photographers	4
Millinery	10	Funeral Directors	3
Fish and Chips	37	Opticians	3
Newsagents and Tobacconists . .	31	Wine & Spirit Merchants	3
Hardware	36	Tripe Dealers	3
Chemists	14	Woodworkers	2
Cafés and Snack Bars	14	Tobacconists	2
Jewellers	10	Wools	1
House Furnishers	16	Sewing Machines	1
Stationery and Fancy Goods . .	20	Auctioneers	1
Fishmongers	2	Fents	1
Sweets and Tobacco	45	Sports Equipment	1
Licensed Premises	48	Surgical Appliances	1
Drapers	27	Piano Dealers	2
Cycle Dealers	9	Upholsterers	1
Boots and Shoes	18	Physiotherapy	1
Boot and Shoe Repairers	14	Wholesale Shops	2
Electrical Appliances	15	Pet Stores	1
Cooked Meats	2	Off Licences	10
Engineers' Tools	3	„ „ and Sundries	5
Decorators	14		

FACTORIES ACT, 1937.

Inspections for purposes of Provisions as to Health.

(including Inspections made by Sanitary Inspectors)

Premises (1)	Line No. (2)	Number on Register (3)	Number of :		Occupiers prose- cuted (6)
			Inspec- tions (4)	Written Notices (5)	
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	42	60	—	—
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority	2	194	222	18	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	3	6	—	—
TOTAL		239	288	18	—

Cases in which Defects were found.

(If Defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more cases)

Particulars (1)	Line No. (2)	Number of cases in which defects were found :				Number of cases in which prose- cutions were insti- tuted
		Found (3)	Remed. (4)	Referred :		
To H.M. In- spector (5)	By H.M. In- spector (6)					
Want of cleanliness.....	4	28	22	—	5	—
Overcrowding	5	—	—	—	—	—
Unreasonable temperature..	6	—	—	—	—	—
Inadequate ventilation	7	5	2	—	—	—
Ineffective drainage of floors	8	2	—	—	—	—
Sanitary conveniences :						
(a) insufficient	9	1	1	—	1	—
(b) unsuitable or defective	10	83	14	—	5	—
(c) not separate for sexes	11	—	—	—	—	—
Other offences against the Act (not including offences relating to out-work)....	12	13	3	1	—	—
TOTAL		132	42	1	11	—

There are 44 out-workers in the Borough.

FOOD INSPECTION.

FOOD SURRENDERED.	Tins.	Packets.	Lbs.	Jars.
Apple Puree	16	—	—	—
Beans in Tomato	43	—	—	—
Beans	29	—	—	—
Beetroot	34	—	—	—
Biscuits	—	5	—	—
Beef (Pressed)	—	—	15	—
Brawn	2	—	—	—
Beef Loaf	15	—	—	—
Brislings	2	—	—	—
Carrots	14	—	—	—
Crab.. .. .	13	—	—	—
Celery	2	—	—	—
Chicken	1	—	—	—
Eggs	12	—	—	—
Fish Cakes	—	—	3	—
Fruit	538	—	—	11
Ham and Tongue Roll..	2	—	—	—
Ham.. .. .	28	—	1628 $\frac{3}{4}$	—
Ham Loaf	4	—	—	—
Jam	5	—	—	1
Kidneys	4	—	—	—
Lemon Curd	—	—	—	2
Milk (condensed)	77	—	—	—
Milk (evaporated).. ..	229	—	—	—
Milk (M.S.)	11	—	—	—
Mussels	8	—	—	—
Marmalade	9	—	—	—
Mutton	2	—	60	—
Meat and Gravy	27	—	—	—
Meat (Luncheon)	192	—	4	—
Meat Paste	5	—	—	—
Mackerel	—	—	56	—
Madeira Cake	—	—	7	—
Ox Cheeks	—	—	33	—
Peas	79	—	—	—

Food Surrendered (continued)	Tins.	Packets.	Lbs.	Jars.
Pilchards	11	—	—	—
Puddings	1	—	—	—
Potatoes	12	—	—	—
Pork	4	—	—	—
Pig's Feet	—	—	52	—
Rice	—	—	103	—
Rabbit	9	—	60	—
Rhubarb in Syrup.. ..	2	—	—	—
Spaghetti	8	—	—	—
Sauce	—	—	—	4
Sild	1	—	—	—
Semolina	—	—	107	—
Stewed Steak	3	—	—	—
Strained Food	21	—	—	—
Sausage Rolls.. .. .	6	—	—	—
Sardines	2	—	—	—
Sausage Pork	—	—	120	—
Soup.. .. .	114	—	—	—
Salmon	115	—	—	—
Turkey	2	—	38	—
Tomatoes	106	—	—	—
Tongue (Luncheon)	3	—	—	—
Tomato Juice.. .. .	3	—	—	—
Veal	39	—	98	—
Vienna Sausage	2	—	1 $\frac{3}{4}$	—
Whipping Cream	4	—	—	—

Inspections.

Licensed Premises	45
Bakehouses	71
Butchers' Premises	101
Food Premises	604
Food-preparing Establishments	209
Food Inspections	170
Fish Friers	176
Factories	368
Houses let in Lodgings	17
Ice Cream Shops	179
Milkshops and Dairies	69
Marine Store Dealers	1
Out-Workers' Premises	40
Offices	61
Stables and Piggeries	62
Schools (Sanitary Conveniences)	23
Theatres and Cinemas	10
Visits in cases of Infectious Disease	308
Visits re Shops Acts	459
Visits re the suitability of tenants for Corpora- tion houses	48
Visits re Rats and Mice	1376
Visits re Refuse Collection	134
Test applied to Drains	357
Owners and Contractors seen	600
Houses Measured	3
Smoke Observations	48
District Inspection of Houses	1609
Re-Inspection of Nuisances, &c... .. .	4613
Samples	287
Ashbins	735
Caravans	—
Miscellaneous	2
Markets	69
Visits re Rag Flock Act	20

Nuisances and Other Work.

Defective house drains	60
„ ventilating shafts to drains.. .. .	5
„ gullies	15
„ soil pipes	4
„ water closets	3
„ waste-water closets	3
„ eavesgutters and spouting	289
„ bath and lavatory waste pipes	7
„ sink waste pipes	16
„ sinks	17
„ sanitary accommodation in factories and workshops	83
Insufficient W.C. accommodation—	
(a) factories and workshops	1
(b) inns, refreshment rooms.. .. .	2
Defective dustbins and lids	701
Accumulation of manure or rubbish	3
Defective handrails to stairs.. .. .	10
„ house floors	144
„ ceilings	6
„ skirting boards	24
„ plastering of house and ceiling walls..	435
„ washboilers	3
„ window frames, etc.	103
„ sashcords to windows	112
„ fireplaces and ranges	84
„ brickwork of house walls	57
„ brickwork around sink waste pipes ..	2
„ wood sills	17
„ doors	58
„ steps	10
„ chimney stacks and pots	36
„ paving of yards and passages	20
„ roofs	328
„ chimney flashings	—
„ flues	20
„ yard walls	19
„ stone sills to windows.. .. .	20
Dampness of house walls	135
Want of pointing of house walls	169

Want of pointing round doors and window frames	60
Windows not made to open.. . . .	3
Miscellaneous	138
Dirty houses	9
Dirty bedding	1
Houses verminous	8
No permitted number in Rent Book.. . . .	40
No name and address of M.O.H.	20
Reports to Surveyor	6
Reports to Manchester Corporation (re waste of water)	183
Factories (want of cleansing)	28
Emission of excessive smoke	1
Defects in offices	1

Defects found in Premises where Food is Prepared, Stored or Sold.

Insufficient or no hot water	47
Notice "Wash Your Hands" not exhibited ..	17
Absence of adequate hand-washing facilities ..	32
Absence of adequate washing facilities for crockery and utensils	51
Absence of towels, soap, etc.	16
Absence of cloakroom or clothes storage facilities	11
Defective sinks	20
Insufficient sinks (separate for vegetables, etc.)	3
Defective or insufficient drainage	8
Rat or Mouse infestation	17
Defective walls, floors, ceilings, etc.	119
Walls, etc. in need of cleansing or re-decoration	144
Inadequate lighting	11
Improper cleansing (materials used)	4
Tiling around "dirty" areas	4
General maintenance	5
Yard surfaces	6
Food not protected from contamination	134
Inadequate food storage facilities	50
Want of impervious or readily cleaned surfaces for preparation of food.. . . .	93
Want of protective clothing or clothing (dirty)..	28
Servers, etc. for food (defective or not clean) ..	2
Handling of crockery	4

Defective crockery	1
Defective or dirty utensils	57
Inadequate ventilation	38
Defective refuse bins	33
Other defects	11
Refuse accumulations	23
Insufficient and/or defective sanitary accommodation	69
W.C. opening direct into room	4
Dirty vehicles	1
Preparation of food on unregistered premises ..	15
Food Bye-Laws—name on stall	1
Milk Regulations contraventions	3
Merchandise Marks Act—contraventions	2

Shops Act and Regulations.

Contraventions—Closing Hours	3
Sunday Trading	1
Forms/Notices not displayed..	62
Insufficient heating	4

HOUSE REFUSE COLLECTION.

The improvement in the collection of House Refuse was continued during the year. The labour position improved a little, but difficulty was experienced in obtaining casual labour to work during the period of annual holidays and to replace men who were absent through sickness.

During the year, men were off sick on 30 occasions, which meant a loss of 5,428 working hours, as compared with 26 occasions and 3,592 working hours in 1950.

Absenteeism accounted for a further loss of 636 working hours during the year.

The number of loads of refuse and salvage removed during the year was 9,412, as compared with 10,438 during 1950, the weight of refuse being 14,040 tons 13 cwt. 1 qr., as compared with 15,159 tons 18 cwt. 2 qrs. for 1950.

A sum of £126. 3s. 11d. was charged for the removal of Trade Refuse.

There are four S.D. Freighters and three "Dennis" waggons engaged in the collection of refuse. The following is a list of the vehicles, the dates purchased, and the cost :—

No. 1	1935	£735
No. 2	1936	£552
No. 6	1939	£615
No. 3	1947	£888
No. 5	1949	£910
No. 7	1950	£910
No. 8	1950	£995

The number of employees in this department is as follows :—

- 1 Foreman ;
- 7 Drivers ;
- 6 Leading Hand Loaders ;
- 18 Loaders.

The types and value of material salvaged during the year are given herewith. The figures have been supplied by the Manager of the Sewage Works, who deals with refuse disposal :—

	Weight			Income		
	T.	c.	q.	£	s.	d.
Baled Tins	253	17	1	697	5	9
Baled Paper	353	14	3	4942	4	7
Bottles	52	9	3	279	5	9
Textiles	66	9	1	632	9	4
Broken Glass	110	11	1	165	6	11
Iron, Steel	34	1	1	89	7	0
Non-ferrous Metals	3	11	1	356	10	4
Bones	4	19	3	29	18	6
Other Goods	4	0	0	48	0	0
Cinders &c.	—			290	1	1
	883	14	2	£7530	9	3

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

Rodent Control.

During the year, 705 properties were inspected under the above Act, 90 of which were notified by the owners. This involved a total of 1,376 visits to the properties concerned.

The classes of premises visited were as follows :—

Local Authority's premises	19
Dwelling Houses	144
Business Premises	508
Agriculture	34
	705

105 properties were found to be infested, as follows :—

Major Infestation (Rats)	4
Minor „ (Rats)	58
Major „ (Mice)	11
Minor „ (Mice)	32
	<hr/>
	105

The total number of treatments undertaken by the Rodent Operator employed by the Department was 51, for which service the sum of £94. 1s. 3d. was recovered from the occupiers of the infested premises. A further sum of £3. 18s. 0d. was received for the sale of 156 sticky traps.

The remaining premises were cleared of infestation by either the occupiers or private contractors, whilst the agricultural properties were dealt with by the County Agricultural Committee.

In five cases infestation was due to defects in drainage.

Occupiers of infested premises complied with all the demands made upon them without service of Notice under this Act.

The estimated number of rats and mice destroyed during the year was 701 rats and 922 mice.

The estimated number of rats and mice destroyed since the work commenced in 1943 is 20,107 (16,930 rats and 3,177 mice).

The Department co-operated with neighbouring Local Authorities where necessary.

ASHBINS.

Under the Municipal Ashbin Scheme, a total of 802 ashbins were supplied during the year, of which 111 were for newly-erected houses. In addition, the Department sold 58 ashbins at a cost of £62. 17s. 0d. to the owners. Great difficulty was experienced towards the end of the year in obtaining delivery from the makers owing to the shortage of steel and this delay was continued well into 1952. To supply the needs of the Borough for 1951 we were at least 300 ashbins short, due to the failure of delivery by the makers.

Since the commencement of the Scheme in 1949, the Department has purchased 2,768 ashbins, of which 342 were for newly-erected houses, 452 were sold, and 1,974 were for replacement of defective ashbins.

KITCHEN WASTE.

The amount of Kitchen Waste collected and sold during the year was 183 tons 12 cwts. and the income was £551. 17s. 9d. compared with 207 tons 4 cwts. in 1950 and an income of £562. 9s. 7d.

Below is given the amount of Kitchen Waste collected each year since the work commenced in December, 1942 :—

				Weight			Income		
				T.	c.	q.	£	s.	d.
1942	(1 month)	..	..	9	5	1	16	4	2
1943	..	..	..	351	16	3	615	14	3
1944	..	..	..	462	5	1	750	6	2
1945	..	..	..	408	18	2	659	7	7
1946	..	..	..	272	9	0	439	7	2
1947	..	..	..	152	12	3	246	1	1
1948	..	..	..	149	12	1	241	5	0
1949	..	..	..	201	2	0	465	18	7
1950	..	..	..	207	4	0	562	9	7
1951	..	..	..	183	12	0	531	17	9
				2398	17	3	£4528	11	4

The amount collected and sold each month during 1951 was as follows :—

				Weight			Income		
				T.	c.	q.	£	s.	d.
January	..	..	..	18	12	0	51	3	0
February	..	..	..	14	6	0	39	6	6
March	..	..	..	13	9	0	36	19	9
April	..	..	..	15	8	0	42	7	0
May	..	..	..	13	18	0	38	4	6
June	..	..	..	16	13	0	49	19	0
July	..	..	..	16	5	0	48	15	0
August	..	..	..	13	17	0	41	11	0
September	..	..	..	14	17	0	44	11	0
October	..	..	..	16	9	0	49	7	0
November	..	..	..	16	1	0	48	3	0
December	..	..	..	13	17	0	41	11	0
				183	12	0	£531	17	9

Comparative Summary of Work done from 1932 to 1951.

Year	Loads	Weight of ashbin refuse removed			Total Weight of refuse removed		Average cost per ton		Cost of Manual Labour		Cost of Haulage		Total Cost	
		Carts		Fords		Dennis and S.D. Freights								
		T. c. q.		T. c. q.		T. c. q.		s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1932	6286	366 14 3		4036 3 0		5806 9 2		7 4	2008 19 0	1746 1 7	3755 0 7			
1933	6741	995 14 2		3435 14 2		6286 17 1		6 7	1987 10 1	1619 16 8	3617 6 9			
1934	6922	503 2 2		3312 12 2		7358 9 1		6 8	2169 1 0	1574 15 10	3743 16 10			
1935	6946	131 11 0		3411 14 0		8155 5 0		7 2	2342 9 7	1760 18 3	4103 7 10			
1936	7100	38 17 0		2698 3 0		7773 15 2		8 2	2496 17 10	1784 17 7	4281 15 5			
1937	7695	31 18 0		1818 7 1		8691 1 2		8 8	2600 5 0	2008 7 6	4608 12 6			
1938	8268	—		1144 8 0		9077 13 2		9 7	2766 11 8	2128 2 2	4894 13 10			
1939	9122	—		1048 13 0		9877 19 2		10 0	3011 15 4	2429 4 5	5440 19 9			
1940	8554	—		231 5 0		10461 5 0		10 9	3223 0 2	2525 8 10	5748 9 0			
1941	7679	—		252 6 0		11570 15 1		9 2	2982 5 3	2443 5 2	5425 10 5			
1942	8647	828 12 3		402 3 3		13051 7 0		8 5	3406 2 11	2626 1 8	6032 4 7			
1943	8341	152 7 1		—		12845 5 0		9 7	3519 15 7	2709 3 2	6228 18 9			
1944	7661	416 10 3		—		10104 9 1		13 5	3912 17 1	2652 2 1	6564 19 2			
1945	8310	790 9 0		—		10630 7 2		12 1	4206 14 0	2916 16 5	7123 10 5			
1946	9457	826 2 0		—		14148 1 2		11 7	5476 9 3	3220 9 6	8696 18 9			
1947	9763	387 0 3		—		14589 19 0		12 2	6041 15 2	3042 11 9	9084 6 11			
1948	10119	—		—		15451 18 2		12 8	6570 4 8	3275 11 9	9845 16 5			
1949	10903	—		—		16080 7 0		14 1	7495 15 3	3816 4 2	11311 19 5			
1950	10438	—		—		15159 18 2		15 7	7946 12 3	3907 19 7	11854 11 10			
1951	9412	—		—		14040 13 1		17 3	8051 19 7	4047 4 1	12099 3 8			

