

[Report 1947] / School Medical Officer of Health, Bury County Borough.

Contributors

Bury (Greater Manchester, England). County Borough Council.

Publication/Creation

1947

Persistent URL

<https://wellcomecollection.org/works/j6jrbv3b>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

COUNTY BOROUGH OF BURY

INSTITUTE OF SOCIAL
MEDICINE

10, PARKS ROAD,
OXFORD

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

1947

BY

K. K. WOOD, M.B., M.R.C.S., D.P.H.,

MEDICAL OFFICER OF HEALTH.



MEMBERS OF THE HEALTH COMMITTEE, 1947.

The Mayor—Alderman HARDMAN. 1, 2, 3.

Chairman—Alderman W. K. HEATON. 1, 2, 3.

Deputy-Chairman—Councillor ELLIOTT. 1, 2, 3.

Alderman BIRKS, J.P.	3.	Councillor A. KAY.	2.
„ CLAPHAM.	3.	„ G. KAY.	2.
„ EVANS.	3.	„ KELLY.	1.
Councillor ALLEN.	2.	„ MANNERS.	2.
„ BLAKEMORE.	3.	„ MEADOWCROFT.	
„ Mrs. CASEY.	1.		3.
„ CLEGG.	3.	„ SHAW, M.A.	3.
„ Mrs. DAWSON	1.	„ T. L. SPENCER.	3.

Co-opted Members.

Ald. Mrs. GOODALL.	1.	Mr. F. C. MOSLEY.	3.
Rev. DEAN DORRAN.	1.	Dr. E. SMALLEY.	2.
Mr. R. BRADSHAW.	2.	Dr. D. H. D. YOUNG	1.

Sub-Committees.

1. Maternity and Child Welfare Sub.
2. Mental Health Sub.
3. Standing Sub.

STAFF.

Medical Officer of Health	K. K. Wood, M.B., M.R.C.S., D.P.H.
Deputy Medical Officer of Health	N. A. M. Mackinnon, M.B., D.P.H. (To March 18th, 1947.) E. Snell, L.R.C.P. and S., D.P.H. (from 1/8/47).
Assistant Medical Officers of Health	T. A. Hunt, M.B., M.Sc. E. W. M. Shaw, M.R.C.S., L.R.C.P.
Obstetric Consultant (Part-time)	W. M. Martin, M.C., M.D., D.P.H., D.C.O.G.
Ophthalmic Surgeon (Part-time)	J. Ratcliffe, M.B.
Orthopaedic Surgeon (Part-time)	E. S. Brentnall, F.R.C.S. (Ed.).
Ear, Nose and Throat Surgeon (Part-time)	D. A. Goodman, M.D., F.R.C.S. (Ed.), B.Sc.
Public Vaccinators (Part-time)	E. Smalley, M.B. A. B. Stewart, M.B., L.R.C.P.
Dental Surgeon	F. Kershaw, L.D.S.
Borough Analyst (Part-time)	T. R. Hodgson, M.A., F.R.I.C., F.C.S.
Chief Sanitary Inspector	J. Gaskell, M.R.S.I., M.S.I.A., A.M.I.S.E. A. E. Snodgrass, M.R.S.I., M.S.I.A., A.M.I.S.E. (from January 28th, 1948).
District Sanitary Inspectors	D. Coups, M.S.I.A. T. Kearns, M.S.I.A. T. Marsh, M.S.I.A. (to 14/11/47). J. Greenan, M.R.San.I., M.S.I.A. (from August, 1947).
Abattoir Superintendent	H. Walton, Cert. R.S.I. (Seconded to Ministry of Food).
Health Visitors	Miss S. Pennington, S.C.M. (to May 8th, 1947). Miss A. Hollingworth, S.R.N., S.C.M. Mrs. E. E. Hickson, S.R.N., S.C.M., Cert. H.V. (Part-time). Miss C. E. Ashley, S.R.N., S.C.M., Cert. H.V. Miss K. Yates, S.R.N., Cert. H.V. (from 14/7/47).
Clinic Nurses	Mrs. V. Page, S.R.N., S.C.M. Mrs. A. Hallam, S.R.N. (Joint with Education Committee). Mrs. N. Wain, S.R.N. (part-time), Mrs. M. Stephenson, S.R.N. (Joint with Education Committee from 24/2/47).

STAFF (continued).

Municipal Midwives	 Mrs. R. M. Cunningham, S.C.M. Mrs. E. Brown, S.R.N., S.C.M. Miss M. Hutchinson, S.R.N., S.C.M. Mrs. D. Shuttleworth, S.R.N. S.C.M. (from 11/1/47). Miss L. Whittaker, S.R.N., S.C.M. Mrs. E. Saperia, S.R.N., S.C.M. (Part-time from 3/5/47).
Physiotherapist	 Mrs. P. M. Smith (Part-time from 15/3/48).
Matron. Day Nursery	 Mrs. M. Smith, S.R.N., S.C.M.
Lab. Technicians (Part-time)	 G. Fearnehough. S. A. Burton.
Chief Clerk	 L. Kay.
Clerical Staff	 E. Lloyd. C. C. Shasby. V. Haworth. P. Butterworth. Miss M. M. Langley. Miss O. Jackson. Mrs. P. Parkinson. Miss E. Gaskell. Miss J. Hodgkinson.
Ambulance Officer	 S. Butler.
Disinfestor	 T. Birtwistle.

PUBLIC HEALTH DEPARTMENT BURY.

TITHEBARN STREET,

July, 1948.

To the Chairman and Members of the

Health Committee, Bury County Borough.

LADIES AND GENTLEMEN,

I beg to submit the Annual Report of the Medical Officer of Health.

With reference to vital statistics, the birth rate of 20.63 per 1,000 is the highest recorded since 1912. The death rate is 15.05 per 1,000.

The infantile Mortality Rate of 38 per thousand births with the exception of the 1943 figure of 26 is the lowest recorded. With the exception of the 1945 figure the Tuberculosis Death Rate is the lowest recorded. A table giving certain statistics for Bury from 1877 to the present date is included.

The incidence of notifiable infectious disease has again been low. With the exception of Measles and Poliomyelitis there was a marked decrease. Diphtheria fell from 40 cases to 30. Measles rose from 195 to 680. The Poliomyelitis epidemic in the country did not give a large number of cases to Bury. There were 13 cases.

There was again a decrease in the number of Scabies cases treated at the Clinics.

I would again draw attention to the figures in the section on Venereal Diseases. These figures are indicative of a serious social condition which is still with us. The number of new cases attending during the year is considerably lower than last year, but there were 431 new cases attending.

With reference to the section on the Sanitary Circumstances and Sanitary Inspection of the area, we are still hampered by lack of staff to carry out our duties.

It has been possible to carry out only urgent work, and much of the routine inspecting has been incompletely done. This is discussed in Section 3 of the report.

The Maternity and Child Welfare Service continues to thrive. The increase in the birth rate and difficulty in obtaining hospital accommodation for confinements has led to an increase in the number of patients attended by the Municipal Midwives. They attended 462 births at the patients' homes. All the Municipal Midwives are now qualified to give Gas and Air Analgesia, and each midwife has her own apparatus.

During the year the Home Help Scheme continued. The Home Helps are employed whole-time by the Corporation, and a charge is made for their services according to the household's means. They were supplied in 48 cases.

A Creche for one half-day a week was opened at the Elton Clinic; then transferred to Huntley Mount, and finally was closed as there was no demand for this Service.

The Day Nursery at Maxwell Street has continued to function at full capacity. There has been a large waiting list for admission.

This Annual Report is the last to be written under conditions previous to the introduction of the National Health Service Act. Some of the functions which have been carried out by the Local Authority will be transferred to the Regional Hospital Board, whereas on the other hand additional duties will be placed upon the Local Authority. In the past, the duties which will be transferred have been carried out in a manner of which this Authority need not feel ashamed.

It is said that a larger Authority may carry out duties in a more economical and efficient manner. This may be so, but this disadvantage of small size has given a personal and individual service to the patients which they tell me has been appreciated.

This Authority and the citizens of Bury have made much use of joint arrangements and of the Hospital Facilities in the town and in Manchester, either through the Local Authority Arrangements or through the Hospital Contributory Funds, etc.

In spite of many difficulties a year of sound work can be reported. This has only been possible through the willing and generous support of a hard working, though depleted staff, and I would like to express my thanks to them for their assistance.

To you, Mr. Chairman, Ladies and Gentlemen, I express my thanks for your continued support and encouragement.

I am,

Your Obedient Servant,

K. K. Wood.

Medical Officer of Health.

SECTION I.

STATISTICS OF THE AREA, 1947.

Area in Acres	7,434
Rateable Value	£396,364
Resident Population (Census 1931)	56,182
Registrar-General's estimate of Civilian Population, 1947...	56,280

In the following summary, extracts from the vital statistics of the year are given:—

	Male	Female	Total	Rate per 1,000 population
Live Births ...	619	542	1161	20.63
(Legitimate ... 1087, Illegitimate ... 74).				

	Male	Female	Total	Rate per 1,000 Live and Still Births
Still Births ...	15	18	33	27.6
(Legitimate ... 29, Illegitimate ... 4).				

	Male	Female	Total	Rate per 1,000 population
Deaths ...	436	411	847	15.05

Deaths from Puerperal causes:—

		Rate per 1000 total births
Puerperal Sepsis ...	0	—
Other Puerperal causes ...	3	2.51

Percentage of total deaths occurring in public institutions, 36%

Infantile Mortality Rate... 38 per 1,000 births.

Tuberculosis (all forms), Death Rate... 0.35 per 1,000 population.

Cancer Death Rate ... 1.99 „ „

Death Rate of Infants under one year of age:—

All Infants per 1,000 live births ...	38
Legitimate infants per 1,000 legitimate live births...	36
Illegitimate infants per 1,000 illegitimate live births...	81

Births.—The birth rate for 1947—20.63 per 1,000—is higher than the previous year. The total number of births recorded during the year was 1,161. The birth rate for England and Wales for 1947 was 20.5 per 1,000 population.

Deaths.—The death rate per 1,000 of the population for 1947 was 15.05. There were altogether a total of 1,221 deaths registered in the County Borough. Of these deaths, 431 were of persons not usually resident in the Borough. By excluding these deaths of non-residents, the number of deaths is reduced to 790, to which must be added 57 deaths of Bury residents which have occurred in other districts. The number of deaths belonging to the County Borough is thus 847.

The following table shows the number of deaths of infants below one year of age and the rate per 1,000 births in Bury during the past twenty-five years:—

Year	Number of deaths below one year of age	Rate per 1,000 births
1923	88	101
1924	63	71
1925	63	80
1926	62	76
1927	62	79
Average for 5 years	—	81
1928	67	90
1929	61	79
1930	51	69
1931	48	71
1932	62	85
Average for 5 years	—	79
1933	40	53
1934	62	84
1935	47	66
1936	47	56
1937	43	55
Average for 5 years	—	63
1938	51	67
1939	36	50
1940	47	65
1941	55	68
1942	58	68
Average for 5 years	—	64
1943	21	26
1944	34	37
1945	37	44
1946	59	58
1947	45	38
Average for 5 years	—	41

Causes of, and Ages at Death during the Year 1947.

Causes of Death.	Nett Deaths at the subjoined Ages of Residents, whether occurring within or without the District.										Total Deaths whether of Residents or Non-residents in Institutions in the District.
	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.		
All Causes Certified	839	45	4	4	8	18	45	222	493	741	
Uncertified	8	...	...	...	...	...	...	...	8	...	
Typhoid and Paratyphoid Fever...	1	...	...	...	...	...	...	...	...	1	
Cerebro-spinal Fever	...	...	...	...	...	...	...	...	...	...	
Scarlet Fever	...	...	...	...	...	...	...	...	...	1	
Whooping Cough	...	...	...	...	...	...	...	...	...	1	
Diphtheria	1	...	...	1	...	...	...	...	...	1	
Tuberculosis of Respirat'y System	17	...	...	...	...	5	5	5	2	2	
Other forms of Tuberculosis	3	...	...	...	...	1	2	...	...	3	
Syphilitic Disease	7	...	...	...	...	...	...	4	3	...	
Influenza	3	...	...	...	...	...	...	1	2	...	
Measles	1	1	...	...	...	...	...	...	...	1	
Acute Polio-myelitis and Polio-encephalitis	1	...	...	...	...	1	...	...	...	3	
Acute infectious Encephalitis...	3	...	...	...	...	1	2	...	...	1	
Cancer of Buccal Cavity and (M) Oesophagus (M), Uterus (F)	2	...	...	...	...	...	...	2	...	1	
Cancer of Stomach and Duodenum	24	...	...	...	...	...	...	13	11	7	
Cancer of Breast	17	...	...	...	...	...	1	9	7	8	
Cancer of all other sites	64	...	...	...	...	...	5	35	24	62	
Diabetes	9	...	...	...	...	...	...	4	5	12	
Intracranial Vascular Lesions ...	89	...	...	...	...	...	1	25	63	69	
Heart Disease	311	...	...	...	...	2	7	52	250	262	
Other Diseases of Circulatory System	27	...	...	...	...	...	...	5	22	39	
Bronchitis	60	1	...	...	1	1	1	14	42	3	
Pneumonia	32	7	1	1	1	1	2	5	14	46	
Other Respiratory Diseases	8	...	...	...	...	...	2	4	2	5	
Ulcer of Stomach or Duodenum...	4	...	...	...	...	...	...	2	2	...	
Diarrhoea under 2 years	8	8	...	...	...	...	...	...	...	4	
Appendicitis	3	...	...	...	2	...	...	1	...	8	
Other Digestive Diseases...	9	1	...	...	...	...	1	3	4	22	
Nephritis	17	...	...	...	...	...	2	11	4	17	
Puerperal Sepsis	...	...	...	...	...	...	...	...	...	...	
Other Maternal Causes	3	...	...	...	...	...	3	...	...	3	
Premature Birth	12	12	...	...	...	...	...	...	...	26	
Congenital Malformation, Birth Injury and Infantile Disease ...	14	13	...	...	1	...	...	...	...	18	
Suicide	7	...	...	...	...	...	2	2	3	3	
Road Traffic Accidents	6	...	1	...	...	1	1	2	1	6	
Other Violent Causes	19	1	...	...	...	1	2	5	10	34	
All Other Causes	61	1	2	2	3	4	6	13	30	71	
	847	45	4	4	8	18	45	222	501	741	

BURY C.B. STATISTICS 1877-1947.

Year	Popula- tion	Death Rate per 1000	Birth Rate per 1000	INFANTILE MORTALITY			Still Births per 1000 L. & S. Births	Maternal M'rality Rate per 1000 L. & S.bths	Tuber- culosis <i>all forms</i> Death Rate
				All Infants	Leg. Infants per 1000 Leg. Births	Illeg. Infants per 1000 Illeg. Births			
1947	56,280	15.05	20.63	38	36	81	27.6	2.51	0.35
1946	55,360	14.50	18.36	58	53	106	34.2	1.90	0.38
1945	52,530	15.66	15.95	44	48	18	43.3	3.42	0.30
1944	52,160	14.68	17.67	37	33	66	36.6	3.1	0.51
1943	52,660	15.74	15.13	26	24	59	31.2	3.6	0.44
1942	54,020	13.83	15.90	68	64	125	46.6	3.3	0.46
1941	55,400	14.06	13.59	68	70	135	30.6	Nil.	0.56
1940	55,310	17.54	13.07	65	64	94	48.7	1.32	0.42
1939	58,630	15.39	12.21	50	45	192	45.3	1.39	0.44
1938	59,380	13.67	12.82	67	66	103	54	2.48	0.51
1937	59,620	15.46	13.00	55	56	42	43	7.40	0.65
1936	59,860	13.56	13.92	56	55	31	47	4.57	0.62
1935	59,800	15.00	11.87	66	66	60	55	6.65	0.64
1934	60,100	14.22	12.28	84	86	62	57	10.25	0.83
1933	59,200	14.00	12.63	53	49	143	54	6.3	0.66
1932	57,160	13.47	12.74	85	83	129	59	2.5	0.63
1931	56,260	14.50	12.00	71	64	250	44	5.6	0.89
1930	56,830	13.41	12.87	69	69	77	55	5.4	0.83
1929	56,830	16.40	13.59	79	65	342	50	6.4	0.81
1928	56,910	13.90	13.02	90	85	171	49	9.4	0.86
1927	56,770	14.27	13.68	79	71	250	53	3.8	0.93
1926	56,840	12.82	14.30	76	74	125	43	9.8	0.82
1925	56,700	14.74	13.77	80	77	182	46	8.9	1.16
1924	56,830	14.66	15.54	71	65	235	38	4.4	0.93
1923	57,250	15.95	15.01	101	95	217	43	2.3	1.03
1922	57,400	14.93	16.53	82	71	276	58	6.3	0.87
1921	57,600	13.30	18.91	85	80	210	54	3.7	1.01
1920	56,410	14.55	19.66	91	91	94	50	6.3	1.05
1919	54,248	16.88	13.06	92	80	333	45	6.8	1.26
1918	51,851	19.13	12.73	110	108	136	51	4.1	1.58
1917	51,851	15.99	13.43	93	89	167	48	3.9	1.61
1916	53,463	16.87	15.47	133	116	222	44	1.1	1.30
1915	54,773	17.27	17.33	115	109	203	41	5.8	1.72
1914	59,213	16.28	19.62	125	123	179	30	5.2	1.48
1913	59,159	15.53	20.06	141	134	133	40	8.3	1.33
1912	59,106	14.18	20.81	112	106	266	31	4.1	1.74
1911	58,665	16.26	20.28	168	154	283	32	8.4	1.41
1910	59,409	14.61	20.79	124	118	264	34	4.6	1.56
1909	59,234	16.29	20.61	129	126	203	33	7.9	1.50
1908	59,064	15.89	23.31	129	128	142	25	5.7	1.45
1907	58,901	15.94	22.68	135	133	189	—	11.2	1.61
1906	58,744	17.04	22.74	177	174	240	—	8.2	1.74
1905	58,594	16.46	21.69	146	141	203	—	4.7	1.69

BURY C.B. STATISTICS 1877-1947 (continued).

Year	Popula- tion	Death Rate per 1000	Birth Rate per 1000	INFANTILE MORTALITY			Still Births per 1000 L. & S. Births	Maternal M'rtality Rate per 1000 L. & S.bths	Tuber- culosis <i>all forms</i> Death Rate
				All Infants	Leg. Infants per 1000 Leg. Births	Illeg. Infants per 1000 Illeg. Births			
1904	58,450	17.16	23.66	163	162	185	—	5.8	2.40
1903	58,313	17.66	22.79	174	180	254	—	3.0	1.76
1902	58,182	16.41	20.86	128	123	290	—	3.3	1.69
1901	58,100	16.79	21.91	166	176	219	—	7.4	1.96
1900	61,765	19.11	23.97	167	—	—	—	8.6	1.85
1899	61,117	18.29	24.85	161	—	—	—	4.9	2.19
Phthisis									
only									
1898	60,597	18.28	24.48	173	—	—	—	4.7	1.11
1897	60,100	19.03	25.39	177	—	—	—	5.3	1.74
1896	59,530	20.74	24.21	176	—	—	—	—	1.27
1895	59,016	25.13	28.90	197	—	—	—	—	1.4
1894	58,500	19.45	25.71	147	—	—	—	—	1.2
1893	57,982	23.47	25.94	209	—	—	—	—	1.85
1892	57,596	21.93	28.07	176	—	—	—	—	1.30
1891	57,212	27.15	29.50	192	—	—	—	—	1.88
1890	56,955	22.00	27.55	167	—	—	—	—	1.75
1889	56,701	20.48	29.50	175	—	—	—	—	1.45
1888	56,449	21.6	31.77	144	—	—	—	—	1.71
1887	56,198	22.57	32.37	186	—	—	—	—	1.68
1886	55,948	23.5	34.3	175	—	—	—	—	—
1885	53,282	21.2	34.3	132	—	—	—	—	—
1884	53,013	24.1	32.8	197	—	—	—	—	—
1883	52,745	22.7	34.3	163	—	—	—	—	—
1882	52,478	21.3	35.0	183	—	—	—	—	—
1881	52,213	22.9	35.0	157	—	—	—	—	—
1880	51,566	22.6	26.4	224	—	—	—	—	—
1879	50,928	23.7	—	—	—	—	—	—	—
1878	50,297	28.1	—	—	—	—	—	—	—
1877	49,674	22.5	—	—	—	—	—	—	—

VITAL STATISTICS OF WHOLE DISTRICT DURING 1947 AND PREVIOUS YEARS.

YEAR.	Popula- tion Estimated to middl of each Year	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT		Transfer- able Deaths of Non- residents registered in the District	Transfer- able Deaths of Residents not registered in the District	NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Number	Rate			Under 1 Year of Age		At all Ages.	
		Number	Rate					Number	Rate per 1000 nett Births		
1939	58,630	716	12.21	1254	21.59	414	54	36	50	894	15.39
1940	55,310	723	13.07	1402	25.35	480	48	47	65	970	17.54
1941	55,400	753	13.59	1130	20.40	398	47	55	68	779	14.06
1942	54,020	859	15.90	1106	20.47	417	58	58	68	747	13.83
1943	52,660	807	15.13	1202	22.82	423	50	21	26	829	15.74
1944	52,160	922	17.67	1119	21.45	392	39	34	37	766	14.68
1945	52,530	838	15.95	1154	21.97	382	51	37	44	823	15.67
1946	55,360	1016	18.36	1149	20.75	404	58	59	58	803	14.50
1947	56,280	1161	20.63	1221	21.69	728	57	45	38	847	15.05

Area of District in acres (land and inland water) } 7245

Total population at all ages 56,182

Total families or separate occupiers 15,402

Average number of persons per house 3.71

At Census of 1931

COMPARATIVE STATEMENT OF VITAL STATISTICS.
YEAR 1947.

	Birth Rate	Death Rate	Infantile Mortality Rate		Death Rate from Phthisis	Death Rate from other Tub. Diseases	Maternal Mortality Rate (per 1,000 Total (Live and Still) Births).		
			Year 1947	Average 5 years 1942/1946			Puerperal Sepsis	Other Causes	Total
England and Wales	20.5	12.0	41	47	*	*	0.16	1.01	1.17
126 Great Towns	23.3	13.0	47	54	*	*	*	*	*
Birkenhead	24.8	14.3	73	69	0.90	0.06	—	1.12	1.12
Burnley	21.89	16.23	45	53	0.44	0.04	—	—	—
Bury	20.63	15.05	38	47	0.30	0.05	—	2.51	2.51
Halifax	19.9	14.8	41	43	0.40	0.06	—	0.52	0.52
Huddersfield	20.50	14.64	53	57	0.38	0.04	—	1.15	1.15
Liverpool	26.4	13.5	69	72	0.80	0.10	0.05	0.78	0.83
Manchester	23.09	13.79	59	59	0.66	0.09	0.25	1.29	1.54
Oldham	21.48	14.94	58	54	0.53	0.10	—	—	—
Preston	22.07	13.54	67	58	0.55	0.07	—	0.32	0.32
Rochdale	20.0	16.2	55	52	0.47	0.10	1.69	0.56	2.25
Salford	24.2	13.3	61	61	0.80	0.09	*	*	0.07
St. Helens	25.2	12.7	69	62	0.64	0.09	0.72	1.09	1.81
Stockport	21.59	13.28	48	64	0.31	0.07	—	0.95	0.95
Wallasey	21.79	12.91	51	47	0.48	0.07	—	0.46	0.46
Wigan	22.41	13.38	67	62	0.76	0.03	1.026	2.565	3.59

* Not available.

SECTION 2.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.—These are provided at the following :

Public Health Laboratory, Manchester.

The Laboratory, Bury Infirmary.

Clinic Laboratory, The Wylde, Bury.

The examinations carried out at these laboratories are Wasserman reaction tests, biological tests, examination of water, etc.

At the Bury Corporation Clinic, laboratory facilities are provided, so that many specimens of infective organisms, etc., are examined there during the attendance of the patient.

Chemical investigations are made in the cases of milk and foodstuffs by the Borough Analyst, Mr. T. R. Hodgson, M.A., F.R.I.C., F.C.S.

Bacteriological Examinations.

The following are the particulars of the specimens bacteriologically examined during the year :—

	Positive.	Negative.	Doubtful.	Total.
Swabs for Diphtheria	9	197	3	209
Sputum for Tuberculosis ...	46	241	1	288
Wasserman Reaction	315	1599	5	1919
Smears	303	1041	3	1347
Dark Ground Examinations.	15	36	—	51
G.Fixation Tests	109	271	—	380
Miscellaneous Examinations.	31	134	—	165

Work carried out at the Clinic Laboratory, The Wylde.

Examination of Specimens for Suspected V.D.

	MALE			FEMALE			TOTAL		
	Pos.	Neg.	Total	Pos.	Neg.	Total	Pos.	Neg.	Total Grand
Slides for G.C.	171	347	518	132	697	829	303	1044	1347
Slides examined by Dark Ground	14	33	47	1	3	4	15	36	51
TOTALS	185	380	565	133	700	833	318	1080	1398

Examination of Sputum.

	CLINIC PATIENTS.	PATIENTS OF OUTSIDE DOCTORS.	TOTAL
Positive	41	4	45
Negative	162	73	235
TOTAL	203	77	280

Ambulance Facilities.

- (a) For Infectious Cases.—There are two motor ambulances owned by the Bury Joint Hospital Board for the transport of cases of infectious disease and tuberculosis.
- (b) For Non-Infectious and Accident Cases.—The Bury Corporation provides 6 motor ambulances for the removal of accident cases and cases of illnesses requiring hospital treatment. These are housed at the Ambulance Depot, Cook Street. Phone: Bury 2323. The administration of this service has been under the Medical Officer of Health. This service employs nineteen full-time men and one ambulance depot superintendent. Each ambulance goes out with one driver and one ambulance attendant. There has been considerable growth in the use of this service, as is indicated by the following figures:—

Year.	Total Cases.	
1941	3,366	
1942	3,875	Increase 509
1943	4,369	„ 494
1944	4,776	„ 407
1945	5,886	„ 1,110
1946	6,465	„ 579
1947	7,605	„ 1,140

Ambulance services are also provided for the Tottington U.D.C. from this depot and arrangements for mutual aid are in force with neighbouring authorities.

On account of the age of the ambulances difficulties have arisen owing to the long periods required for repairs. Obtaining spare parts and replacements has been slow or impossible. When new ambulances arrive it is hoped that the position will be eased. Periods of waiting at hospitals has also added to our burdens.

Nursing in the Home.—Home Nursing is not provided directly by the Council, but is carried out by the Bury Branch of the Queen's Institute for Nurses (from the Nurses' Home, The Orchard, Bury. Phone: Bury 88). An arrangement has been entered into whereby, at the request of the Medical Officer of Health, one of the Association's Nurses visits and treats cases of certain infectious diseases.

Hospitals, Public and Voluntary.

The following is a list of hospitals with which the Local Authority has arrangements:—

Name and Situation.	Type.	No. of Available Beds.	Proportion of beds used by persons from Outside Bury Area.
(a) Within the Borough:			
Florence Nightingale Hospital, Bury.	Isolation ...	96	Approx. 40%.
Bury Infirmary, Bury. (Voluntary).	General ...	161	Approx. 50%.
County Hospital, Bury.	General ...	734	Approx. 58%.
(b) Outside the Borough:			
Aitken Sanatorium, Holcombe, near Bury.	Tuberculosis Sanatorium.	70	72% by Lancashire County Council Cases.
Ainsworth Smallpox Hospital, Ainsworth, near Bolton.	Smallpox ...	28	Cases admitted as required.

The Local Authority also admits cases to Biddulph Orthopædic Hospital, Marple Orthopædic Hospital, T.B. Sanatorium, Leasowe, and Oswestry Hospital.

Number of beds for Maternity Cases at Bury Infirmary 15
 " " " " " " " " The County Hospital, Jericho... 55

In addition to the above, patients from Bury are admitted to Manchester institutions, principally: Manchester Royal Infirmary (General Medical and Surgical), Manchester and Salford Skin Hospital (Skin Cases), and St. Mary's Hospital (Maternity).

Local Government Act, 1929.—At the County Hospital, Jericho, accommodation is available for the sick inhabitants of the area as before.

Poor Law Medical Out-Relief.—The arrangements in operation for the provision of medical assistance to those in poor circumstances remain unchanged. The Borough is divided into two areas for this service, and the Medical Officers in charge are Dr. A. B. Stewart and Dr. E. Smalley.

Institutional Provision for the Care of Mental Defectives.—The Lancashire Mental Hospitals Board, of which the Bury Council is a member, deals with the Lunacy and Mental Deficiency Services.

SECTION 3.

SANITARY CIRCUMSTANCES AND SANITARY INSPECTION OF THE AREA.

ANNUAL REPORT OF THE CHIEF SANITARY INSPECTOR.

To the Medical Officer of Health
for the County Borough of Bury.
Sir,

I have pleasure in submitting my Report on the Sanitary Inspection of the Area for the year 1947 in accordance with Article 27 of the Sanitary Officers (Outside London) Regulations, 1935.

GENERAL OBSERVATIONS.

Mr. John Gaskell, Chief Sanitary Inspector to the County Borough since 1945, resigned on 3rd January, 1948, on accepting the appointment of Chief Sanitary Inspector and Cleansing Superintendent to the Borough of Crewe. Mr. Gaskell had completed eleven years' service with the Authority, during which period he had been actively associated with many improvements effected in the sanitary circumstances of the area. All the work which forms the subject of the present report was executed under his direction.

Particular credit is due to Mr. Gaskell for the measure of success he achieved during the past two years when the staff of sanitary inspectors was seriously depleted.

The work of the Department is still seriously affected by depletion in staff, as the resignation of Mr. T. Marsh, District Sanitary Inspector, in November upon being appointed Sanitary Inspector to the Denby Dale Urban District Council, leaves a deficiency of three sanitary inspectors as compared with the normal establishment. As a result I must repeat and stress the observation in the report for 1946, that duties necessarily have had to be confined to urgent matters, and routine visits are cut to a figure below safety point. In this connection it should be noted that due to the continued dilapidation in existing dwelling houses, the number of complaints received continues to increase with succeeding years, and the following duties are long overdue:—

- (a) Survey of all food premises under Food and Drugs Act, 1938.
- (b) Survey of ice-cream premises under Ice-Cream (Heat Treatment) Regulations, 1947.
- (c) Revision of Shops Register.

During the past three years there has accumulated also an outstanding balance of 1,600 unabated notices.

The prolonged shortage of building labour and materials and the continuous necessity for priority to be given to the construction of new houses continues to hamper and increase the work of the Department. The passage of time emphasises the absolute urgent necessity of making available increased supplies of labour and material for essential repairs to existing houses so as to arrest further deterioration.

WATER SUPPLY.—The County Borough is supplied by the Irwell Valley Water Board from mains passing through the area.

These mains come from four different sources of supply, and all the houses supplied by the Board derive their water direct from the mains.

In accordance with Circular 28/46 of the Ministry of Health, the following report, for which we are indebted to the Engineer and Manager (R. Wyllie, Esq., M.Inst. C.E., A.M.I. Mun.E.), is submitted in tabular form:

PARTICULARS REQUIRED	REMARKS
1. Whether the water supply of the area and of its several parts has been satisfactory : (a) in quality. (b) in quantity.	(a) Yes. (b) Yes.
2. Where there is a piped supply, whether bacteriological examinations were made of the raw water and where treatment is installed of the water going into supply if so, how many and the results obtained ; the results of any chemical analysis.	9 Chemical and 42 Bacteriological Examinations of Raw Water. 61 Chemical and 266 Bacteriological Examinations of Treated Water. 40 Bacteriological Examinations of the Treated Water were reported as unsatisfactory. All other samples of Treated Water were satisfactory.
3. Where the waters are liable to have plumbo-solvent action, the facts as to contamination by lead, including precautions taken and number and result of analysis.	Waters all soft-moorland waters-plumbo solvent. Liming plants being installed at two reservoirs to neutralise the acidity of the water. 137 Analyses of Water made and reported as not very satisfactory.
4. Action in respect of any form of contamination.	All waters chlorinated at reservoirs for bacteriological pollution. Liming plants being installed at two reservoirs, to neutralise the acidity of the water.
5. Particulars of the proportion of dwelling houses and the proportion of the population supplied from public water mains (a) direct to houses. (b) by means of standpipes.	(a) 18,801 houses—population not known. (b) Nil.

During the year six samples of town's water and one sample of well water were submitted to bacteriological examination.

The sample of well water was certified to be unsuitable for drinking purposes, and the three houses concerned using the water were provided with a supply from the town's mains by the owner.

One sample of town's water was found to be unsatisfactory and was referred to the Irwell Valley Water Board for appropriate action. The other five samples of town's water were certified to be fit for drinking purposes.

The percentage of dwelling houses and farms not supplied with water for domestic purposes from the town's mains is 0.542. These houses using wells and other private sources of supply are situated at considerable distances from the Board's mains.

SWIMMING BATHS.—Seven samples of bath water were submitted to the Pathologist for chemical and bacteriological examination.

Five samples were reported to be satisfactory. Two samples were reported not to be satisfactory in all respects, and were referred to the appropriate department for necessary action.

DRAINAGE AND SEWERAGE.—There were 1,775 inspections in respect of drainage defects and reconstruction, and 239 drains were tested.

As far as it is found practicable a smoke or water test is applied to all newly constructed house drainage work. Now drainage was provided in respect to nine premises, and reconstructed in respect of twenty-eight premises.

RIVERS POLLUTION.—Regular inspections of water courses in the district were carried out by the Sanitary Inspectors during routine inspection of the area.

Three samples of stream and lodge water suspected of pollution were submitted to the Analyst, but there was insufficient chemical evidence to prove pollution in these cases.

CLOSET ACCOMMODATION.—The provision of free sets of fittings (closet pedestal, seat and cistern) by the Corporation, where obsolete types of closets were converted to the water carriage system, was continued during the year.

On account of the shortage of labour and materials no notices were issued during the year requiring the conversion of closets except where such conveniences were found to be in a defective condition.

Thirty-five sets of fittings were supplied, and thirty-seven waste water closets and twelve trough closets were converted to fresh water-closets and two waste water-closets were abolished.

Type and Number of Conveniences in the Borough on 31st December, 1947:

No. of Dwelling houses	19,124
No. of Factories	427
No. of Workplaces and Lock-up Shops	406
No. of Licensed Premises	145
No. of Public Buildings and Places of Entertainment	124
No. of Waterclosets	19,822
No. of Waste Water Closets	1,476

SUMMARY OF

I am indebted to the Cleansing Superintendent for the refuse accommodation of the Borough wards.

WARD	Portable Bins	Wall Bins	Shallow Ashpits
MOORSIDE WARD	2696	90	512
EAST WARD	3149	85	183
CHURCH WARD	2997	52	140
REDVALES WARD	3348	61	157
ELTON WARD	3149	36	40
UNSWORTH WARD	1445	11	13
PUBLIC UTILITIES	377	1	14
TOTALS	17161	336	1059

DISINFESTATION OF VERMINOUS PREMISES. — The Council provide a disinfestation service free of charge to all dwelling houses.

During the year 108 houses were disinfested by means of liquid insecticides, and 167 inspections were made for this purpose.

During the year, by agreement with the Housing Committee, the Department became responsible for the disinfestation of Corporation Estate houses found to be infested with vermin. Seven houses on Corporation Estates have been disinfested.

HOUSES LET IN LODGINGS.—Three inspections were made of the registered houses let in lodgings.

These premises are governed by the bye-laws in force in the Borough. A number of houses occupied by persons of more than one family require investigation under these bye-laws.

COMMON LODGING HOUSES.—There are four common lodging houses in the Borough. There was little or no change in the number of casuals received at these premises and only about forty per cent of the registered accommodation was utilised.

Eighty-eight inspections were made of these premises. One notice concerning two defects was served, and two notices concerning three defects were abated.

The accommodation available is as follows:—

Situation	No. of Beds	Accommodation available for
1. 24, Clerke Street	34	Males only
2. 5, 7, 9 & 11, Clerke Street	54	Males only
3. 26 & 28, Clerke Street	72	Males and Females
4. 138, Princess Street	19	Males only
Total number of beds	179	

TENTS, VANS AND SHEDS.—The Borough was entirely free from any inhabited tents, vans or sheds other than those caravans arriving for short periods of the Bury Fairs. The latter were visited during their stay and ten visits were paid to the Fair Ground for this purpose.

CANAL BOATS.—As in past years regular visits were made to the canal wharf at Bury Bridge, but no registered canal boats visited the Borough.

STABLE PREMISES.—Three stable premises were inspected.

Stable premises are governed by the Bye-laws in force in the Borough.

RATS AND MICE DESTRUCTION.

I am indebted to the Cleansing Superintendent (H. TURNER, Esq., M. Inst. P.C.), who has kindly supplied the following information of the action taken by him during the year.

Period Quarter ending	No. Infestations Treated		Number of Infestations Re-treated	Estimated Total Kill Ministry Formula	Total Number of Bodies Recovered	Number of Infestations Cleared	Number of Infestations Reduced to :—	
	Type	No.					Major	Minor
31st March, 1947	Reservoir	3	2	874	101	—	3	—
	Major	4	—	477	11	—	—	3
	Minor	70	7	468	32	60	—	—
30th June, 1947	Reservoir	—	—	—	—	—	—	—
	Major	11	3	893	96	2	—	2
	Minor	58	5	373	37	52	—	—
30th September, 1947	Reservoir	—	—	—	—	—	—	—
	Major	4	4	971	90	—	—	3
	Minor	83	14	484	19	75	—	—
31st December, 1947	Reservoir	—	—	—	—	—	—	—
	Major	1	1	48	3	—	—	1
	Minor	115	18	867	151	108	—	—

The Cleansing Superintendent is the authorised officer appointed under the Rats and Mice Destruction Act and the Rodent Operator is a member of his Department.

When the Rodent Operator has reason to suspect that the means of entry into the premises by rats is due to the defective condition of the drains, the matter is referred to this Department.

Under this heading 16 inspections were made by Sanitary Inspectors.

The Borough Engineer (John Chadwick, Esq., M.B.E., A.M.I.C.E.) has kindly supplied the following details in respect of Sewer Maintenance Treatments undertaken by his Department during the year.

NO. AND DATE OF TREATMENT.	NO. OF MANHOLES BAITED.	NO. OF MANHOLES SHOWING PRE-BAIT TAKEN.
1st Maintenance Treatment. 3rd—12th February	669	150
2nd Maintenance Treatment 20th October— 6th November	586	214

In both instances treatments were carried out on consecutive days, and intensive treatments were undertaken at the Sewage Works concurrently with the sewer treatments.

SMOKE ABATEMENT.—During the year 76 observations of thirty minutes' duration were recorded of smoke emissions from factory chimneys, and 48 factories were visited in this connection.

In nine instances emission of black smoke was recorded in excess of the two minutes in the aggregate for a continuous period of thirty minutes.

In each case a reduction in the quantities of smoke emitted was effected as the result of informal action.

The average amount of smoke emitted per observation of thirty minutes' duration was:—

TABLE I.

DENSE BLACK SMOKE	MODERATE SMOKE	LITTLE OR NO SMOKE
1.66 mins.	10.64 mins.	17.70 mins.

TABLE II.

Particulars of Smoke Nuisances Reported.

NO. IN SMOKE REGISTER.	PERIOD OF EMISSION IN MINUTES		
	BLACK SMOKE	MODERATE SMOKE	LITTLE OR NO SMOKE
10	12.5	17.5	—
29	12.5	17.5	—
51	3.5	18	8.5
52	13	17	—
55	5.5	15	9.5
83	7	23	—
85	23	7	—
94	6	14	10
98	19.5	10.5	—

Difficulty was experienced concerning excessive smoke emission during the period of fuel crisis, when many manufacturers were compelled to use inferior and unsuitable fuels for their boiler plant.

The adoption of Smoke Abatement Byelaws by the Health Committee remains deferred in view of the apparent reluctance of the Ministry of Health to confirm such byelaws during prevailing economic circumstances. There is now some indication that the Ministry may reconsider this subject at an early date.

The Health Committee continues to be represented on the Manchester and District Regional Smoke Abatement Committee.

During the year a meeting of the Executive Committee of this body was held in Bury, and some very good co-operative work was done by the representatives of the Constituent Authorities at this and other meetings convened by the Committee.

OFFENSIVE TRADES.—At the end of the year there were twenty-two registered offensive trades in the confines of the Borough.

Sixty-two inspections were made of these premises.

INFECTIOUS DISEASE. — Two hundred and twenty-nine visits were made by Sanitary Inspectors for the purpose of inquiry and disinfection in respect of one hundred and thirty-five cases of infectious disease.

SANITARY INSPECTION OF CINEMAS.—During the year twelve inspections were made of the cinemas in the town.

PUBLIC CONVENIENCES.—The District Sanitary Inspectors made frequent inspections of public conveniences during the year.

A number of insanitary public urinals still remain to be dealt with under the Authority's pre-war programme for the provision of new public conveniences.

SHOPS INSPECTION.—Twenty inspections were made under the provisions of the Shops Acts 1912 to 1937. No contraventions of the Shops Acts were reported.

RAG FLOCK.—During the year three samples of Rag Flock were obtained and submitted to the Public Analyst for analysis. All the samples were reported to comply with the Rag Flock Regulations 1912.

FERTILISERS AND FEEDING STUFFS ACT.—Eleven samples (six fertilisers and five feeding stuff) were taken during the year under the provisions of the Fertilisers and Feeding Stuffs Act, 1926. All were certified by the Agricultural Chemist to be genuine.

PHARMACY AND POISONS ACT.—At the end of the year there were 70 registered sellers of Part II poisons occupying 98 registered premises. Thirty visits were paid by the District Sanitary Inspectors for the purposes of the Act.

SANITARY INSPECTION OF SCHOOLS.—During the year the sanitary accommodation at one school comprising eight closets with an automatic flush tank were converted to seven fresh water-closets with separate flushing cisterns.

The sanitary conveniences at schools continue to be regularly inspected by the District Sanitary Inspectors, forty-one visits being made for this purpose during the year, when a number of defects were remedied.

SANITARY INSPECTION OF THE DISTRICT.

1. Number and Nature of Inspections.

During the year 1947 the following inspections were made by the Sanitary Inspectors to the premises detailed :—

Nature of Inspection	Primary Insp'ns.	Re-in- spections.	Total Visits.
Houses under Public Health Acts	2,045	2,246	4,291
Vermin	53	5	58
Water Supply	63	10	73
Tents, Vans, Sheds	10	—	10
Houses Let in Lodgings	3	—	3
Common Lodging Houses	88	—	88
Schools	41	—	41
Entertainment Houses	12	—	12
Ashes Accommodation	649	504	1,153
Accumulations	30	10	40
Stable Premises	3	—	3
Yards, Courts, etc.	2	—	2
Piggeries	20	—	20
Rats and Mice	13	3	16
Drainage—Inspected	1,127	648	1,775
Tested	236	3	239
A.R.P. Shelters	3	—	3
Closets—Water	392	204	596
Pails or Privies	33	4	37
Urinals	9	—	9
Sewers and Street Gullies	8	—	8
Diseases of Animals Acts	37	—	37
Cowsheds	147	—	147
Milkshops and Diaries	155	—	155
Ice-cream Premises	63	—	63
Markets	137	—	137
Meat Shops	80	1	81
Abattoirs for Meat Inspection	618	—	618
Food Preparing Premises	64	—	64
General Food Premises	234	—	234
Pharmacy and Poisons Act	30	—	30
Shops Acts	20	—	20
Fertilisers and Feeding Stuffs Act	11	—	11
Offensive Trades	62	—	62
Factories (with Mechanical power)	131	14	145
Factories (without Mechanical power)	18	—	18
Workplaces	2	—	2
Outworkers	4	—	4
Bakehouses—Factory	28	—	28
Non-Factory	5	1	6
Rag Flock Premises	3	—	3
Infectious Diseases	179	11	190
Disinfection	39	—	39
Housing—Section II.	1	—	1
Other Visits	1	—	1
Disinfestation	1	—	1
Overcrowding	492	25	517
Billeting	2	—	2
Rent Restriction Acts	4	—	4
Smoke Abatement Observations	98	10	108
Premises Visited	48	—	48
Rivers Pollution Acts	12	—	12
Miscellaneous Visits	619	—	619
Interviews—Owners, Tradesmen, etc.	493	1	494
Samples—Food and Drugs—Formal	134	20	154
Informal	184	12	196
Rag Flock Act —Formal	3	—	3
Fertilisers and Feeding Stuffs Act—			
Informal	11	—	11
Water —Bacteriological	14	—	14
—Chemical	15	—	15
Clean Milk —T.B. Examination	22	—	22
—Bacteriological	95	—	95
Ice-cream	2	—	2
	9,158	3,732	12,890

2. Number of Notices Served.

To secure the abatement of nuisances and the removal of conditions dangerous to health, the following action was taken :—

Number of Nuisances and Defects found	2,705
Number of Informal Notices served	1,268
Number of Informal Notices complied with	858
Number of Statutory Notices Served	54
Number of Statutory Notices complied with	60

3. Complaints Received.

During the year 1,084 complaints were received relating to the following matters :—

NATURE OF COMPLAINT.	NUMBER
General Disrepair—Various	69
Defective Fireplace	14
" Rainwater pipes	11
" Windows	24
" Chimneys	14
" Doors	12
" Plasterwork	22
" Floors	6
" Roofs	37
" Eavesgutters	17
" Sinks	12
Dampness	46
Waterclosets	104
Choked Drains	64
Flooding	6
Insufficient ashes accommodation	9
Defective ashpits	5
Defective ashbins	228
Accumulations	21
Dirty Premises	14
Vermin	86
Foul and Obnoxious Odours	32
Water Supply	15
Dangerous Buildings	18
Smoke Nuisance	3
Surface Drainage	1
Burst Water Pipes	10
Overcrowding	139
Miscellaneous	45

In addition the following complaints were referred to other Corporation Departments.

Miscellaneous	9
Accumulations	13
Air Raid Shelters	3
Choked Street Gullies	2
Choked W.C.	20
Choked Drainage	53
Choked R.W.P.	1
Dangerous Walls and Structures	46
Flooding	1
Defects at Corporation Houses	1
Offensive Smells	3
Rats	2
Water Supply	14
Gas Leakages	5
	173

4. Record of Nuisances Abated and Work Done.

During the year the total number of nuisances abated or defects remedied either as a result of informal or statutory action was as follows:—

1. As a result of informal notice	1,514
2. As a result of statutory notice	93
	1,607

HOUSING.

Inspection of Dwelling-houses during the Year.

1. (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	2,046
(b) Number of inspections made for the purpose	4,292
2. (a) Number of dwelling-houses (included under Sub-head (a) above) which were inspected and recorded under the Housing Consolidated Regulations 1926	1
(b) Number of inspections made for that purpose	1
3. Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
4. 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	826

Remedy of Defects during the Year without Service of formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	521
Number of back-to-back houses, made into through houses	Nil
Number of houses demolished	24

Action under Statutory Powers during the Year.

A. Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936:

1. Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
2. Number of dwelling-houses which were rendered fit after service of formal notices:—	
(a) by owners... ..	Nil
(b) by Local Authority in default of owners	Nil

B. Proceedings under Public Health Acts:—

1. Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	1
2. Number of dwelling-houses in which defects were remedied after service of formal notices:—	
(a) by owners	6
(b) by Local Authority in default of owners	Nil

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

1. Number of dwelling-houses in respect of which Demolition Orders were made	Nil
2. Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil
3. Number of dwelling-houses in respect of which an undertaking was accepted under Sub-Section (2) of Section II	Nil

D. Proceedings under Section 12 of the Housing Act, 1936:—

1. Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
2. Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

Housing Act—Overcrowding.

A. 1. Number of dwellings overcrowded at end of the year	45
2. Number of families dwelling therein	78
3. Number of persons dwelling therein	312½
B. Number of new cases of overcrowding reported during the year	40
C. 1. Number of cases of overcrowding relieved during the year ...	64
2. Number of persons concerned in such cases (equivalent) ...	388½
D. Particulars of any cases in which dwelling-houses have again become overcrowded after Local Authority have taken steps for the abatement of overcrowding	Nil
Number of certificates for the permitted number of persons who may sleep in a house, issued during the year	40
One certificate was issued authorising a temporary increase in the "permitted number" of persons who may occupy a dwelling house.	

PARTICULARS OF NEW HOUSES &c., ERECTED DURING THE YEAR.

I am indebted to the Borough Engineer for the following information

1. (a) Total number of houses erected during the year 1947 (including the number given separately under (b).)	
(i) By Local Authority—Permanent	39
Temporary	109
	— *148
(ii) By other Local Authorities	—
(iii) By other bodies or persons	65

(b) With State Assistance under Housing Acts:

(i) By Local Authorities *148

(ii) By other Bodies or Persons —

2. The total number of houses erected in each ward :—

	Church	East	Elton	Moorside	Redvales	Unsworth	Total
Permanent	2	7	4	10	50	31	104
Temporary	—	69	36	4	—	—	109
TOTAL	2	76	40	14	50	31	213

3. The number of houses demolished for private improvement purposes 7

* This figure includes 73 temporary houses erected by the Ministry of Works.

FACTORIES ACT, 1937.

1.—Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

PREMISES.	Number on Register	NUMBER OF		Occupiers Prosecuted
		Insp'ctions	Written Notices	
(i) Factories in which Sections 1, 2, 3, 4 and 6, are to be enforced by Local Authorities	32	18	2	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	395	145	22	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority * (excluding out-workers' premises)	9	2	—	—
TOTAL	436	165	24	—

* Works of Building and Engineering Construction, Electrical Stations should be reckoned as factories.

2.—Cases in which defects were found.

PARTICULARS.	Number of cases in which defects where found				Number of cases in which prosecutions were instituted.
	Found.	Rem'd'd to H.M. Inspec'r	Referred by H.M. Inspec'r		
Want of Cleanliness (S. 1)	—	—	—	—	—
Overcrowding (S. 2)	—	—	—	—	—
Unreasonable temperature (S. 3)	—	—	—	—	—
Inadequate ventilation (S. 4)	—	—	—	—	—
Ineffective drainage of floors (S. 6)	—	—	—	—	—
Sanitary Conveniences (S. 7)					
(a) Insufficient	9	4	—	4	—
(b) Unsuitable or defective	18	4	—	22	—
(c) Not separate for sexes	1	—	—	3	—
Other offences (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	28	8	—	29	—

Outworkers.

Section 110.

Number of out-workers in August list required by Section 110 (1) (c) 5

Nature of work carried out by out-workers—Manufacture of Lampshades and wearing apparel.

Number of cases of default in sending lists to the Council ... Nil

Number of prosecutions for failure to supply lists ... Nil

Section 111.

Number of instances of work in unwholesome premises ... Nil

Number of notices served ... Nil

Number of prosecutions in respect of out-workers' premises ... Nil

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.—There were 147 inspections of registered cow-sheds, and 155 inspections of dairies and milk shops during the year.

Inspectors obtained 112 samples of milk from registered farms, dairymen, and other sources of supply.

The following table provides the details of results:—

CLASS OF MILK	No. of Samples	METHYLENE BLUE		B. COLI		PLATE COUNT		T.B.		PHOSPHATASE		No. of tests applied
		Sat.	Un-sat.	Sat.	Un-sat.	Sat.	Un-sat.	Sat.	Un-sat.	Sat.	Un-sat.	
ACCREDITED	47	40	7	31	16	—	—	13	1	—	—	108
PASTEURISED	48	46	2	28	17	—	—	1	—	47	1	142
UNDESIGNATED ...	17	10	3	12	1	4	2	4	—	—	—	36
TOTALS	112	96	12	71	34	4	2	18	1	47	1	286

VETERINARY INSPECTION OF DAIRY CATTLE.

The Veterinary Inspection of the cattle at the dairy farms in the Borough was continued under the supervision of the Divisional Veterinary Inspector (J. W. Wilson, Esq., M.R.C.V.S.), of the Ministry of Agriculture and Fisheries, and reports of his visits to farms were received from him periodically.

Number of veterinary inspections of dairy herds 70

Number of veterinary inspections of "Accredited"
dairy herds 33

Number of dairy farms in the Borough 49

Number of farms producing "Accredited" milk 9

Total number of dairy cattle at farms in the Borough 1013

INSPECTION OF FOOD PREMISES.—During the year 81 inspections were made of meat shops, 64 of food preparing premises, 234 of general food premises, and 34 of bakehouses; one notice was served regarding one defect and two notices were abated remedying two defects.

In addition 137 visits of inspection were made to food stalls on the open market.

ICE-CREAM PREMISES.—During the year a survey of all registered ice-cream premises in the Borough was commenced in connection with the provisions of the Ice-cream (Heat Treatment) Regulations 1947. Upon completion of the survey proposals will be submitted to the Health Committee with a view to adopting uniform standards for all premises used for the manufacture, preparation, storage, and sale of ice-cream and water ices.

Sixty-three visits were made by the District Sanitary Inspectors to all types of these premises.

Two samples of ice-cream submitted to the phosphatase test were reported by the Public Analyst to be insufficiently heat treated.

The attention of the vendors was directed to the unsatisfactory samples.

The undermentioned premises are at present registered under the provisions of the Bury Corporation Act 1932.

Number of Registered Wholesale Manufacturers ...	3
Number of Registered Retail Manufacturers	9
Number of Registered Retail Vendors	25

INSPECTION OF OTHER FOODS. During the year 413 visits have been paid to meat and food shops in the Borough and the foodstuffs detailed in the Table below have been condemned :—

ARTICLES		Tons	Cwts.	Qrs..	Lbs.
Tinned Goods		2	9	2	1
FRUIT	Apples	—	—	—	14
	Dates	—	—	—	25
	Figs	—	1	2	9
	Grapes	—	—	—	4
	Lemons	—	—	—	17
	Oranges	—	—	2	18
	Pears	—	—	1	4
	Plums	—	—	—	2
	Prunes	—	—	1	12
	Strawberries	—	—	—	4
	Sultanas	—	—	—	14
VEGETABLES	Cabbage	—	—	—	4
	Lettuce	—	—	—	4
	Onions	—	—	2	4
	Peas	1	15	2	18
	Potatoes	—	2	1	6
	Swedes	—	1	1	18
	Tomatoes	—	—	—	18
MEAT	Beef	—	1	—	2
	Bacon	—	—	1	15½
	Ham	—	—	—	6
	Rabbits	—	—	2	—
	Sausage	—	—	1	12
	Trotters	—	1	—	—
CONFECTIONERY	Barley	—	—	—	7
	Bread	—	—	1	0
	Cake	—	—	—	3
	Cereals	—	—	1	1
	Flour	—	1	2	24
	Macaroni	—	—	2	17
	Pudding	—	—	—	14
	Semolina	—	—	—	3
FISH	Fresh, All Types	—	5	0	10
Butter		—	1	0	5½
Cheese		—	—	—	9
Coffee		—	—	—	1
Jam		—	4	1	17
Lard		—	—	—	5
Margarine		—	—	1	1
Pickles		—	—	1	12
Sugar		—	—	2	4
Tea		—	—	—	20
Toffee		—	—	—	18
		5	11	3	11
Cod Liver Oil and Malt			1 Jar.		
Fishpaste			1 Jar.		
Beetroot			1 Jar.		
Eggs			10 Dozen.		
Dried Egg			1 Packet.		
Dessert Mould			72 Packets.		

MEAT INSPECTION.

Number of Slaughtermen Licenced by the Borough Council ... 13

Number of Animals Slaughtered at the Abattoir during 1947:—

Beasts	Sheep and Lambs	Pigs	Calves	Total	Weight in tons
6,709	20,835	58	1,367	28,969	2,776

Amount of Imported and Port-killed meat received at W.M.S.A. Depot at the Abattoir during 1947:

Quarters of beef	Carcases of Mutton and Lamb	Carcases of Pork	Carcases of Veal	Bags and Boxes of meat and offal, etc.
19,562	74,704	3	—	25,908

Total population supplied from the Abattoir under Ministry of Food Control of Meat and Livestock Scheme... 190,000

Total Number of Butchers' Shops in Area as supplied ... 250

Average amount of Fresh Killed Meat per head of such population ... 0.61 lbs. per week, or 31.66 lbs. per annum.

Number of Carcases examined requiring special attention ... 6,749

Of which number 2,145 were affected with Tuberculosis in varying degree.

Percentage of meat destroyed on account of Tuberculosis.

Beef ... 2.78% Pork ... 1.66% Veal ... 0.38% Mutton005%

Bulls were affected in more or less degree to the extent of 41.82%

Steers " " " " 16.44%

Heifers " " " " 15.22%

Cows " " " " 58.66%

Pigs " " " " 13.8 %

Calves " " " " 0.36%

Sheep " " " " 0.005%

Number of Carcases condemned for disease or causes other than Tuberculosis:

Beasts.	Calves.	Sheep.	Pigs.
6	12	19	2

Total amount of meat found to be unfit for human consumption.

201,716 lbs. (90.075 tons), or 3.24%

This was disposed of by the appropriate Contractors so licensed under the Ministry of Food.

Amount of Imported and Port-killed Meat condemned at the

W.M.S.A. Depot at the Abattoir ... 6,802 lbs.

Amount of Canned Meat condemned at the W.M.S.A. Depot at the Abattoir ...

2,774 lbs.

Carcases Inspected and Condemned.

	Cattle, excl'ding Cows	Cows	Calves.	Sheep and Lambs	Pigs
Number killed	4,268	2,441	1,367	20,835	58
Number inspected.....	4,268	2,441	1367	20,835	58
All Diseases except Tuberculosis.					
Whole carcases con- demned	1	5	12	19	2
Carcases of which some part or organ was condemned.....	1,943	966	4	1,691	—
Percentage of number inspected affected with disease other than Tuberculosis...	45·53%	39·57%	0·29%	8·12%	—
Tuberculosis only.					
Whole carcases con- demned	14	84	5	1	—
Carcases of which some part or organ was condemned.....	699	1,432	5	1	8
Percentage of number inspected affected with Tuberculosis..	16·38%	58·66%	0·36%	0·005%	13·8%

TABLE SHOWING EXTENT OF TUBERCULOUS DISEASES AND WEIGHTS OF DISEASED MEAT
DESTROYED YEAR ENDING 31st DECEMBER, 1947.

Kinds of Animals		Number Examined	Extent of Tuberculosis in Animals Examined																Other Diseases			
			Of which were Tuberculous	Heads	Thorax			Abdomen								Entire Carcase condemned owing to Tuberculosis	Weight of Meat and Offal destroyed on account of Tuberculosis	Weight of Meat and Offal destroyed on account of other Diseases			Total weight of Meat and Offal destroyed for all Diseases	
					Lungs	Heart and Pericardium	Serous Membranes	Livers	Stomachs	Spleens	Kidneys	Intestines	Uteri	Serous Membranes	Mesenteries							Udders
Beasts ..	Bulls .. Oxen .. Cows .. Heifers ..	55 2853 2441 1360 <u>6709</u>	23 469 1432 207 <u>2131</u>	680	1799	195	348	482	282	287	299	530	95	245	542	249	6 84 8 Oxen Cows Heifer 98	137,599	57,456	195,055	lbs.	lbs.
Sheep ..	20,835	1		—	—	—	—	—	—	—	—	—	—	—	—	—	1	62	4863	4925		
Pigs	58	8		7	4	1	—	5	1	—	—	3	—	—	—	2	—	286	365	651		
Calves ..	1367	5		—	—	—	—	—	—	—	—	—	—	—	—	—	5	344	741	1085		
	28,969	2145		687	1803	196	348	487	283	287	299	533	95	245	544	249	104	138,291	63425	201,716		

**NUMBER OF ANIMALS SLAUGHTERED AT THE
ABATTOIR DURING THE PAST 10 YEARS.**

YEAR	BEASTS	SHEEP AND LAMBS	PIGS	CALVES	TOTAL	Total Weight in Tons
1938	3,478	21,307	3,468	681	28,934	1729
1939	3,448	23,118	3,146	726	30,438	1712
1940	7,739	76,589	3,264	1,071	88,663	3974
1941	4,570	27,132	1,212	929	33,843	1902
1942	4,778	35,722	104	1,180	41,784	2270
1943	4,300	29,428	88	979	34,795	2164
1944	5,288	22,397	85	704	28,474	2468
1945	6,868	27,078	168	1,211	35,325	3033
1946	7,057	35,561	116	1,097	43,831	3242
1947	6,709	20,835	58	1,367	28,969	2776

DISEASES OF ANIMALS ACTS AND ORDERS.

Foot and Mouth Disease.

No cases of Foot and Mouth Disease occurred during the year within the confines of the County Borough, or within the districts adjoining the Borough boundaries. A number of outbreaks occurred at various times throughout the year in Yorkshire, South Wales, The Midlands, and the South, and Restriction of Movement of Animals was imposed in those areas.

Tuberculosis Order.

One cow from a farm outside the Borough and three cows from farms within the confines of the County Borough were notified by the Veterinary Inspector of the Ministry of Agriculture and Fisheries under the provisions of the Order and were slaughtered at the Abattoir. The carcase of one cow from within the Borough was found to be affected with localised Tuberculosis, and a portion of the carcase was condemned. In the other three cows the disease was found to be generalised, and the carcasses were condemned.

Importation of Animals Act, 1922.

During the year eight Movement Licences were issued under this Act in respect of Irish Cattle consigned to the Abattoir for slaughter.

Anthrax.

During the year four suspected cases of anthrax were notified, two in cattle and two in pigs. One case in a pig was confirmed by officers of the Ministry of Agriculture and Fisheries, and the carcase was disposed of in accordance with the provisions of the Anthrax Order. In the other three cases the disease was not confirmed.

Fowl Pest.

Two cases of Fowl Pest were notified and confirmed during the year, and were dealt with by officers of the Ministry of Agriculture and Fisheries.

Legal Proceedings.

No legal proceedings were instituted during the year.

FOOD AND DRUGS ACT—ADULTERATION.

During the year 122 formal samples (of which 113 were formal samples of milk) and 191 informal samples of food and drugs were purchased under the Food and Drugs Act, 1938, and were submitted to the Public Analyst for analysis.

Table 1 shows the number of the various food and drugs obtained and the result of the analysis.

Table 2 shows the average composition of milk examined during 1947.

Table 3 shows the administrative action taken in respect of samples reported by the Public Analyst not to be genuine or otherwise irregular.

Table 4 shows the legal proceedings taken and the result of such during the year.

Articles of Food Examined for Preservatives in accordance with the Public Health (Preservatives, etc., in Food) Regulations.

All articles of food to which preservatives might be added were examined for the presence of preservatives.

In one case preservative was found in an article (polony) to which the addition of preservatives are prohibited, and in two cases articles (sausages) were found containing the permitted amount of preservatives allowed under the Public Health (Preservatives, &c. in Food) Regulations but not labelled as prescribed by the Regulations.

The Town Clerk was instructed to send a warning letter to the vendor in each case.

Public Health (Condensed Milk) Regulations.

Number of samples submitted to the Public Analyst during the year—1.

This sample was found to be genuine.

Public Health (Dried Milk) Regulations.

Number of samples submitted to the Public Analyst during the year—1.

This sample was found to be genuine.

TABLE 1.

Particulars of the foods and drugs supplied during the year.

ARTICLES.	No. of Samples			No. Genuine			No. Adulterated		
	F'rml	In'f'l	Total	F'rml	In'f'l	Total	F'rml	In'f'l	Total
Ninety-five different Foods Sampled	122	191	313	113	183	296	9	8	17

TABLE II.

Average Percentage Composition of Milk Examined during the year:

Period	No. of Samples	Milk Fat per cent.	Solids not Fat per cent.
1st Quarter	43	3.38	8.70
2nd Quarter	44	3.62	8.73
3rd Quarter	47	3.64	8.73
4th Quarter	27	3.49	8.82
1st January to 31st December, 1946	161	3.55	8.74

TABLE III.

Administrative Action taken in respect of Samples reported by the
Public Analyst not to be genuine or otherwise irregular.

No. of Sample		Article	Nature of Adulteration	Action Taken
Informal	Formal			
218		Lard	Fat other than Hog Fat 100% Genuine lard should consist entirely of Hog Fat.	Resolved : That the Town Clerk send a letter <i>re.</i> food rationing regulations to the Vendor.
224		Sausage	Sample contained 50 parts per million Sulphur Dioxide.	Sausage not labelled as required by Public Health (Preservatives in Food) Regulations. Resolved : That the Town Clerk send a warning letter to the Vendor.
	231	Milk	Sample deficient of 2% of its Fat.	Resolved : That the Town Clerk send a warning letter to the Purveyor.
	239	Milk	Added Water 2%.	Resolved : That the Town Clerk send a warning letter to the Purveyor.
	10	Milk	Added Water 4%.	"Appeal to Cow" Sample No. 17 taken and found to be genuine. Dairyman prosecuted and convicted. Fine £5 5s. 0d. Costs £3 3s. 0d.
	14	Milk	Added water 5% and also deficient of 11% of its Fat.	"Appeal to Cow" Sample No. 16 taken and found to be genuine. Dairyman prosecuted and convicted. Fine £175 0s. 0d. Costs £7 7s. 0d.
	42	Milk	Added Water 3%.	Resolved : That the Town Clerk send a warning letter to the Purveyor.
	58	Milk	Sample deficient of 4% of its Fat.	Resolved : That the Town Clerk send a warning letter to the Purveyor.
99		Polony	Sample contained 50 parts per million Sulphur Dioxide.	Resolved : That the Town Clerk send a warning letter to the Vendor.
117		Glycerine	Sample contained 2% excess water.	Resolved : That the Town Clerk draw Vendors attention to the requirements of British Pharmacopoeia.
127		Sausage Beef	Sample contained 150 parts per million Sulphur Dioxide.	Sausages not labelled as required by Public Health (Preservatives in Food) Regulations. Resolved : That the Town Clerk be authorised to draw Vendors attention to regulations.

No. of Sample		Article	Nature of Adulteration	Action Taken
Informal	Formal			
133		Ice-cream	Sample Inadequately Heat Treated.	Attention of Manufacturers drawn to the requirements of Ice Cream (Heat Treatment) Regulations, 1947.
134		Ice-cream	Sample Inadequately Heat Treated.	
149		Milk	Added Water 1%.	Reported to Health Committee : Chief Sanitary Inspector instructed to take further samples
	160	Milk	Sample Deficient of 4% of its Fat.	Resolved : That the Town Clerk send a warning letter to the Purveyor.
	169	Milk	Sample Deficient of 1% of its Fat.	Resolved : That the Town Clerk send a warning letter to the Purveyor.
184		Lard	Fat other than Hog Fat. 100% Genuine Lard should consist entirely of Hog Fat.	Resolved : That the Town Clerk send a warning letter to the Purveyor.
	201	Milk	Sample deficient of 9% of its Fat.	Dairyman prosecuted and convicted. Fine £5 0s. 0d.

TABLE IV.

The following table shows the legal proceedings taken and the result of such during the year.

Acts, Bye-laws, or regulations under which proceedings were instituted	Default or Offence	Result	Fines	Costs
Food and Drugs Act, 1938.	Selling milk adulterated by the addition of 4% of water.	Conviction	£ 5 s. 0 5 5 0	£ 3 s. 0 3 3 0
Food and Drugs Act, 1938.	Selling milk adulterated by the addition of 5% water and extraction of 11% of its Fat.	Conviction	175 0 0	7 7 0
Food and Drugs Act, 1938	Selling milk adulterated by the extraction of 9% of its Fat.	Conviction	5 0 0	Nil.

In concluding this, my first report, I desire to express my best thanks to you, Sir, for the encouragement, confidence, advice and support which you have extended to me during the course of my duties. I also wish to record my appreciation of the loyal service given at all times by the District Sanitary Inspectors and Clerical Staff.

I am,

Yours faithfully,

A. E. SNODGRASS,

CHIEF SANITARY INSPECTOR.

Year ending December 31st	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3
---------------------------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	---

SECTION 4.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

INFECTIOUS DISEASES GENERALLY.

Smallpox.—No case of Smallpox occurred in the borough during the year. One case of suspected Smallpox was removed to the fever hospital but did not prove to be a case of Smallpox.

The following table gives particulars regarding vaccination during recent years:—

	1940	1941	1942	Year ending December 31st.		1945	1946	1947
				1943	1944			
Number of Births	1,173	1,214	1,161	1,374	1,477	1,345	1,625	1,819
Vaccinated	14.66%	15.82%	26.44%	22.49%	20.45%	15.00%	21.54%	29.47%
Con.Objec'n Certs.	42.11%	52.64%	58.49%	58.44%	59.72%	64.2%	49.17%	59.98%
Unaccounted for	2.47%	5.52%	2.33%	3.64%	3.11%	7.66%	2.28%	2.64%

In addition to the above figures for 1947, there were Un-susceptible to Vaccination, 0.22% ; Dead, before Vaccination, 4.89% ; Postponed, 0.38% Removals from district, 2.42%.

Scarlet Fever.—There were 82 cases of Scarlet Fever notified during 1947. No case died. Of the notified cases 63 were removed to hospital for treatment.

In the majority of cases the infection was of a mild type.

Diphtheria.—There were 30 cases of Diphtheria notified during 1947, all of which were removed to hospital for treatment. There was one death from this disease during the year. This case had not been immunised against diphtheria.

OTHER INFECTIOUS DISEASES.

Pneumonia.—There were 50 cases of pneumonia notified in 1947, and there were 39 deaths of notified cases during the year.

Whooping Cough.—There were 106 cases of this disease notified, as compared with 315 in the previous year. There were no deaths.

Cerebro-Spinal Fever.—There was one case of this disease notified during 1947.

Measles.—Six hundred and eighty cases were notified, and there was one death from this disease during 1947.

Scabies.—During the year 79 cases of Scabies were discovered by the School Medical Service, and treated. The incidence of Scabies appears to rise and fall over

a period of years. As a matter of interest the number of cases discovered by the School Medical Department is given below. It appears that the main source of infection is from person to person, especially those sleeping in the same bed with an infested person, and that it is not generally spread by clothing.

The number of cases in 1937 was 83, 1938—36, 1939—29, 1940—16, 1941—50, 1942—177, 1943—263, 1944—333, 1945—126, 1946—113, 1947—79.

Facilities for treatment of Scabies are provided at the Huntley Mount Clinic and the Wylde. At the Wylde Clinic 62 children made 442 attendances, and at Huntley Mount 17 children made 83 attendances.

Poliomyelitis.—There were 13 cases notified as Poliomyelitis, or suspected cases. The following table gives particulars of these cases and the final diagnosis:

Age.	Sex.	Diagnosis.	Days in Infectious Disease Hospital.	After Care.
2½ years	Female	Poliomyelitis	—	Required treatment in Orthopaedic Hospital.
8 years	Male	Poliomyelitis	33	
7 years	Female	Poliomyelitis	22	Required treatment in Orthopaedic Hospital.
12 years	Female	Poliomyelitis	25	
10 years	Female	Digestive Disturbance.	6	
4½ years	Female	Poliomyelitis	3	Died.
18 years	Male	Poliomyelitis	37	Required treatment in Orthopaedic Hospital.
16 months	Male	Poliomyelitis	31	Required treatment in Orthopaedic Hospital.
11 months	Female	Poliomyelitis	28	Required treatment in Orthopaedic Hospital.
5 years	Female	Cerebro-spinal Meningitis	2	
6 years	Male	Poliomyelitis	22	
17 years	Female	Poliomyelitis	4	
1 year	Female	Poliomyelitis	4	

Hospital Accommodation. — The hospital accommodation available for cases of infectious diseases, whether notifiable or not notifiable, has proved sufficient.

Table A.—Incidence of Notifiable Infectious Diseases (excluding Tuberculosis), Age Grouping, Ward Distribution, Cases Removed to Hospital and Deaths during the Year 1947.

NOTIFIABLE DISEASES.	Total Cases Notified in Whole District.													Total Cases removed to Hospital	Deaths of Notified Cases.						
	At all Ages	At Ages																			
		Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65								
Scarlet Fever	82	—	3	—	4	39	16	6	7	3	1	—	11	26	10	6	26	3	63	—	
Diphtheria	30	—	—	1	1	5	5	4	10	2	1	—	6	9	3	6	5	1	28	1	
Erysipelas	8	—	—	—	—	1	—	—	1	1	4	1	1	1	—	1	4	1	3	—	
Ophthalmia Neonatorum	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cerebro Spinal Fever	1	—	—	1	—	—	—	—	3	—	—	—	—	1	—	—	1	—	1	—	
Puerperal Pyrexia	3	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	1	—	1	—	
Puerperal Fever	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Poliomyelitis	13	1	2	1	—	4	2	2	—	1	1	—	1	3	—	5	2	2	12	1	
Malaria	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	
Pneumonia	50	2	3	—	1	3	1	3	6	2	16	12	7	12	12	10	9	—	1	39	
Whooping Cough	106	14	17	14	17	23	3	—	1	1	—	—	5	12	14	11	38	26	—	—	
Measles	680	31	53	71	92	146	279	5	1	1	1	—	76	120	110	110	186	78	24	1	
TOTALS	977	50	78	93	109	169	354	32	16	30	11	22	13	108	185	151	149	271	113	134	42

**CASES OF INFECTIOUS DISEASES NOTIFIED.
FROM 1939 TO 1947.**

DISEASE.	1939	1940	1941	1942	1943	1944	1945	1946	1947
Smallpox	—	—	—	—	—	—	—	—	—
Scarlet Fever	80	34	51	77	220	186	145	124	82
Diphtheria	110	13	36	53	73	94	101	40	30
Enteric and Typhoid Fever	—	1	2	—	—	—	—	2	—
Puerperal Fever and Puerperal Pyrexia	15	8	2	7	5	1	3	5	4
Erysipelas	26	12	14	20	19	14	25	17	8
Poliomyelitis	—	—	2	1	—	2	—	1	13
Cerebro-Spinal Fever	4	11	19	3	2	1	5	2	1
Encephalitis Lethargica	—	—	1	—	1	1	—	—	—
Ophthalmia Neonatorum	8	12	8	4	3	3	11	1	2
Pneumonia	80	149	137	75	123	93	71	72	50
Malaria	—	—	—	—	1	1	1	3	1
Dysentery	—	1	—	—	—	2	2	3	—
Whooping Cough	49	80	606	10	266	106	85	315	106
Measles	4	1193	379	672	544	375	370	195	680
TOTAL	376	1514	1257	922	1257	879	819	780	977

Diphtheria Immunisation.

Facilities are available for carrying out this procedure at the Clinics. There is a weekly morning session. Special extra sessions have been arranged for this when the number of children requires such a session. Special sessions have also been held at the Schools where the number of children has warranted this.

Efforts have been made this year to offer to all children facilities for a re-inforcing dose to those who have had their initial inoculation in infancy. The parent of each child at school has been circularised as to the advisability of the child having a re-inforcing dose. In response to this, 2,840 children received a re-inforcing dose during the year. To assist in this, the schools were visited for 31 sessions. The remaining children were treated at the School Clinic.

The number of children attending school between 5 and 14 years who have been immunised is 5,231. This gives approximately 77% of school children immunised.

DIPHTHERIA IMMUNISATION IN BURY.

Persons inoculated each year from 1934-1947.

Age in years on 31st Dec. of the corresponding year.	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	Total
0	—	—	—	—	—	—	—	—	—	—	—	—	—	10	Total aged under 5 on 31/12/47.
1	—	19	4	1	—	3	6	103	140	262	265	350	313	375	
2	—	25	9	5	8	10	10	148	137	186	109	93	111	87	
3	—	33	12	4	4	11	17	119	77	161	35	35	31	23	
4	—	50	9	1	12	13	10	140	113	182	26	24	35	54	1,712.
5	—	92	16	5	14	6	12	165	115	224	39	12	22	92	Total aged 5-14 years on 31/12/47
6	—	129	26	1	13	6	9	206	98	141	20	13	16	100	
7	—	21	25	2	7	6	5	213	95	177	15	7	8	88	
8	—	31	10	1	6	4	4	175	79	132	12	9	12	85	
9	—	30	8	1	3	5	6	199	74	126	9	4	3	60	
10	—	37	8	2	6	3	1	202	78	172	9	2	4	30	
11	—	28	9	3	4	3	3	186	44	148	1	3	1	25	
12	—	19	6	—	1	6	1	320	40	134	2	2	2	17	
13	—	21	7	—	2	4	—	31	59	116	—	2	2	31	
14	—	14	5	—	—	1	3	49	16	102	1	2	1	16	5,231.
15 and over	—	18	—	—	2	4	—	22	11	5	—	9	1	—	2,545.
Total each year	—	567	154	26	82	85	87	2,278	1,176	2,268	543	567	562	1,093	9,488.

In addition to the above initial doses, 2,840 children received re-inforcing doses during 1947.

SECTION 5.

TUBERCULOSIS.

Incidence.

A total of 55 new cases was notified. Of this number 31 were males and 24 females.

The following table gives the number of cases notified and the death rates per 1,000 for each year for the last twenty-five years:—

TUBERCULOSIS 1923-47.

YEAR	Pulmonary Tuberculosis		Other Tuberculous Diseases	
	No. of cases notified	Death rate per 1,000 pop.	No. of cases notified	Death rate per 1,000 pop.
1923	53	0.94	18	0.09
1924	72	0.79	26	0.14
1925	72	0.97	32	0.19
1926	63	0.59	41	0.23
1927	70	0.72	47	0.21
Average for 5 years	—66	—0.80	—33	—0.17
1928	62	0.72	23	0.14
1929	47	0.65	32	0.16
1930	52	0.60	26	0.23
1931	42	0.76	20	0.13
1932	45	0.45	16	0.18
Average for 5 years	—50	—0.64	—23	—0.17
1933	40	0.51	21	0.15
1934	52	0.63	29	0.20
1935	34	0.48	25	0.16
1936	41	0.48	22	0.14
1937	48	0.50	30	0.15
Average for 5 years	—43	—0.52	—25	—0.16
1938	41	0.39	20	0.12
1939	31	0.36	19	0.08
1940	31	0.31	13	0.11
1941	30	0.43	17	0.13
1942	25	0.39	10	0.07
Average for 5 years	—32	—0.38	—16	—0.10
1943	47	0.34	17	0.10
1944	49	0.40	16	0.11
1945	31	0.26	14	0.04
1946	29	0.34	23	0.04
1947	42	0.30	13	0.05
Average for 5 years	—40	—0.33	—17	—0.07

Five year averages are indicated in the table since such periods can be considered fair ones for comparison. On perusal of the table it can be seen that the average death rate for the last five years is the lowest recorded for both Pulmonary Tuberculosis and other tuberculous diseases. .

Diagnosis of Tuberculosis.

The examination of persons suffering from or suspected of tuberculosis is carried out at the Tuberculosis Dispensary situated at the Joint Clinics, The Wyld. The times of the sessions are Tuesday and Thursday morning at 10-0 o'clock weekly, and certain evenings by appointment at 6-30 o'clock when necessary for the convenience of patients who are working during the day. Cases are obtained from reference by the patients' own private practitioner and from other sources. The Dispensary acts as a consultative centre and a sorting house at which patients can be advised to obtain the best possible treatment and arrangements made for Hospital or Sanatorium treatment. The only treatment given at the Dispensary is that administered by artificial light therapy. An important part of the work at the Clinic is the examination of contacts of cases of pulmonary tuberculosis. Fifty-five contacts were examined at the Clinic. Four hundred and fifty-one X-ray examinations of suspected tuberculous persons and of contacts were made. This work is carried out at the X-ray Department of the Bury Infirmary, and films and reports are sent to the T.B. Clinic. Blood has been taken and sent to Bury Infirmary Laboratory for Erythrocyte Sedimentation Rate Estimation in 82 cases.

Home Visits.

During 1947, 23 visits were paid to the homes of patients by the Tuberculosis Officer, and 3,010 visits were paid by the Nurses.

Treatment of Tuberculosis.

Institution treatment was given to cases of Pulmonary Tuberculosis at the Bury and District Joint Hospital Board's Institution (the Aitken Sanatorium at Holcombe, near Bury), at Liverpool Sanatorium, Delamere, Bury Infirmary, and at Baguley Sanatorium. Children suffering from Pulmonary Tuberculosis are sent to the Liverpool Open-Air Hospital for Children, Leasowe.

Cases of Non-Pulmonary Tuberculosis are treated mainly at the Bury Infirmary, the Manchester and Salford Hospital for Diseases of the Skin, and the Robert Jones and Agnes Hunt Orthopædic Hospital, Oswestry.

The number of patients treated at the various institutions, under arrangements made by the Bury Corporation, together with the patient days during 1947, are as follows:—

Institutions.	No. of patients (undischarged at end of 1946 and admitted during 1947).	No. of Patient days.
Aitken Sanatorium	33	6,585
Robert Jones and Agnes Hunt Orthopaedic Hospital, Oswestry	7	1,195
Liverpool Open-Air Hospital for Children, Leasowe	18	3,511
Liverpool Sanatorium, near Frodsham	18	2,468
Baguley Sanatorium, Cheshire	4	98
Children's Orthopaedic Hospital, Marple	1	24
Royal Manchester Children's Hospital	1	15
Bury Infirmary	1	34
Manchester Royal Infirmary	1	27
Manchester & Salford Hospital for Skin Diseases :		
Out-patients	5	
Out-patient attendances	41	

It is worth placing on record that little difficulty has been experienced during the year in obtaining admission to a Sanatorium for patients. The average period of waiting for admission for male patients was nine weeks. With the exception of two cases who had to wait periods of seven weeks and two months respectively, beds have been immediately available for the admission of female patients. For the admission of children to Leasowe there has been an average waiting period of seven weeks.

After Care.

In 1947, thirteen patients received extra nourishments. Grants were made, comprising a total of 368 gallons of milk.

Patients discharged from sanatorium are kept in touch by our nurses and the tuberculosis officer by visits to their homes, if required. The patients also attend the dispensary for regular examinations. Employers were got in touch with regarding finding discharged patients suitable occupation. Close co-operation has been made with the District Re-habilitation Officer. Various house owners were approached in order to obtain improved accommodation for persons who had completed their sanatorium treatment, and certain cases were referred to the Housing Committee where overcrowding exists, and provided with alternative accommodation.

We have to thank the Bury Family Welfare Association, which has helped tuberculosis patients by grants of food, clothing, etc., during 1947.

Allowances.

Under the Ministry of Health Memo. 266/T allowances were made to persons suffering from pulmonary tuberculosis. During 1947 a recommendation for grant was made in 16 cases.

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No case of Tuberculosis among employers in the milk trade was notified during the year; no action in this respect, therefore, being necessary.

SECTION 6.

VENEREAL DISEASES.

Treatment.

Patients suffering from Venereal Diseases are treated at the Joint Clinics, The Wylde. The Clinic sessions are as follows:—

Males.

Tuesday, 7-0 to 8-30 p.m.

Friday, 5-30 to 7-0 p.m.

Saturday, 10 a.m. (by appointment).

Females.

Tuesday, 5-30 to 7-0 p.m.

Thursday, 2-0 to 5-0 p.m.

Friday, 7-0 to 8-30 p.m.

Saturday, 10 a.m. (by appointment).

Intermediate clinics for males and females are held every week-day.

Incidence.

The number of new cases during 1947 was 431, composed of 97 cases of syphilis, 157 of gonorrhœa, and 177 cases diagnosed as Non-Venereal Disease. The out-patient attendances for 1947 were 6,829, and were 1,094 less than those of the previous year.

Bury residents accounted for 46.78 per cent. of the attendances made at the Clinic; Lancashire County cases accounted for 50.11 per cent., and other County Borough cases for 3.11 per cent.

The following table shows the number of new cases, consultations, intermediate attendances, and pathological examinations at the Venereal Diseases Clinic, 1939-47:—

Year	New Cases.	Consultations by Medical Officer at Clinic.	Attendances at Clinic for intermediate treatment.	Pathological specimens examined by M.O. at Clinic.
1939	356	7505	3051	920
1940	326	5211	2477	903
1941	249	4015	1676	989
1942	210	3166	1025	859
1943	283	3437	781	832
1944	254	4737	812	752
1945	339	4908	233	959
1946	634	8883	20	763
1947	431	6817	12	906

RETURN relating to all persons who were treated at the Treatment Centre at Bury during the year ended the 31st December, 1947.

	Syphilis		Soft Chancres		Gonorrhoea		Non-venereal or undiagnosed conditions		Totals	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Number of cases on 1st January under treatment or observation	120	83	—	—	40	30	18	13	178	126
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection	—	—	—	—	—	—	—	—	—	—
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—										
Syphilis, primary	10	2	—	—	—	—	—	—	10	2
" secondary	28	29	—	—	—	—	—	—	28	29
" latent in 1st year of infection	—	8	—	—	—	—	—	—	—	8
" all later stages	8	8	—	—	—	—	—	—	8	8
" congenital	1	3	—	—	—	—	—	—	1	3
Soft Chancres	—	—	—	—	—	—	—	—	—	—
Gonorrhoea, 1st year of infection	—	—	—	—	108	49	—	—	108	49
" later	—	—	—	—	—	—	—	—	—	—
Non-venereal conditions	—	—	—	—	—	—	124	52	124	52
Conditions remaining undiagnosed at 31st December	—	—	—	—	—	—	—	1	—	1
4. Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation, at other Centres, or Service Hospitals or by General Practitioners approved under Ministry of Health Circular 2226	4	—	—	—	1	1	—	—	5	1
TOTALS OF ITEMS 1, 2, 3 AND 4	171	133	—	—	149	80	142	66	462	279
										741

5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal

6(a). Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from :—

Syphilis, primary
 " secondary
 " latent in 1st year of infection
 " all later stages
 " congenital
 " Soft Chancres
 Gonorrhoea, 1st year of infection
 " later

6(b). Number of cases under treatment or observation which died :—
 From the disease
 From treatment
 From other causes

7. Number of cases which ceased to attend after completion of treatment but before final tests of cure

8. Number of cases transferred to other Centres, or to institutions, or to care of private practitioners

9. Number of cases remaining under treatment or observation on 31st December

TOTALS OF ITEMS 5, 6, 7, 8 AND 9

2	8	—	—	50	28	105	64	157	100	257
5	1	—	—	—	—	—	—	5	1	6
3	10	—	—	—	—	—	—	3	10	13
—	3	—	—	—	—	—	—	—	3	3
2	2	—	—	—	—	—	—	2	2	4
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	3	4	—	—	3	4	7
—	—	—	—	1	—	—	—	1	—	1
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	1	—	—	—	1	—	—	1	2	3
—	—	—	—	14	14	—	—	14	14	28
3	2	—	—	5	—	3	—	11	2	13
156	106	—	—	76	33	33	2	265	141	406
171	133	—	—	149	80	142	66	462	279	741

	Syphilis		Soft Chancres		Gonorrhoea		Non-venereal or undiagnosed conditions		Totals	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
10. Number of cases in the following stages of syphilis INCLUDED IN ITEM 6 which failed to complete one course of treatment of either penicillin or of arsenic and bismuth:—										
Syphilis, primary	3	1	—	—	—	—	—	—	3	1
" secondary	3	7	—	—	—	—	—	—	3	7
" latent in 1st year of infection	—	3	—	—	—	—	—	—	—	3
" all later stages	—	2	—	—	—	—	—	—	—	2
" congenital	—	—	—	—	—	—	—	—	—	—
11. Number of attendances:—										
(a) for individual attention of the medical officer(s)	2654	2219	—	—	799	647	367	131	3820	2997
(b) for intermediate treatment, e.g., irrigation, dressing	—	—	—	—	12	—	—	—	12	—
TOTAL ATTENDANCES	2654	2219	—	—	811	647	367	131	3820	2997
12. In-patients :—										
Name of Institution (if other than the treatment Centres) :—										
(a) Ancoats Hospital, Manchester.										
(b) County Hospital, Bury.										
(c) Florence Nightingale Hospital, Bury.										
(a) Total number of persons admitted for treatment during the year	2	1	—	—	—	—	—	—	2	1
(b) Aggregate number of "in-patient days" of treatment given	100	23	—	—	—	—	—	—	100	23
13. Number of cases treated with penicillin	39	51	—	—	52	29	8	1	99	81

14. Number of cases of congenital syphilis in Item 3 above classified according to age periods

Syphilis	Soft Chancres		Gonorrhoea		Non-venereal or undiagnosed conditions	
	1 and under 5 years		5 and under 15 years		15 years and over	
	M.	F.	M.	F.	M.	F.
Under 1 year						
M.	—	1	1	—	—	1
F.	—	—	—	—	—	—
Totals	—	1	1	—	—	1

15. PATHOLOGICAL WORK:—

- (a) Number of SPECIMENS examined AT, and by the medical officer of, the Treatment Centre
- (b) Number of SPECIMENS from patients attending at the Treatment Centre for examination to an APPROVED laboratory

5. PATHOLOGICAL WORK:—	Microscopical		Cultural Gonorrhœa for	Serum		Cerebro- spinal fluid	Others for diagnosis of Venereal Disease
	for Syphilis	for Gonorrhœa		for Syphilis	for Gonorrhœa		
(a) Number of SPECIMENS examined AT, and by the medical officer of, the Treatment Centre	40	866	—	—	—	—	—
(b) Number of SPECIMENS from patients attending at the Treatment Centre for examination to an APPROVED laboratory	8	19	—	1437	380	17	—

Statement showing the services rendered at the Treatment Centre during the year, classified according to the areas in which the patients reside.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England & Wales) to be inserted in these headings	Bury		Bolton		Rochdale		Manchester		London C.C.		Wallsley		Total
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A. Number of cases from each area included under the following headings in ITEM 3:—													
Syphilis	40	54	2	1	—	—	—	—	—	—	—	—	97
Soft Chancres	—	—	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea	81	72	2	2	—	—	—	—	—	—	—	—	157
Non-venereal and undiagnosed conditions	88	79	3	5	—	—	1	—	—	—	—	—	177
TOTAL	209	205	7	8	—	—	1	—	—	—	—	—	431
B. Total number of attendances of all patients residing in each area	3195	3422	67	137	—	—	5	2	—	—	—	—	6829

Regulation 33B. Action during 1947 in Bury County Borough.

During 1947 the number of contacts notified on Form I. was nineteen, of which five were males and fourteen were females. Of these persons two (females) were the subject of a second Form I, and both were found and attended the clinic for diagnosis and treatment. One, however, defaulted after diagnosis, and early treatment, and it was necessary to institute legal proceedings under the Regulation, as a result of which the patient resumed attendance at the Clinic.

Of the 17 remaining cases reported on Form I only, 3 males and 5 females were found and persuaded to attend the Clinic for diagnosis and treatment. This leaves a remainder of nine persons (2 males and 7 females) who either could not be found or who failed to attend the Clinic after being interviewed.

SECTION 7.

MATERNITY AND CHILD WELFARE.

Health Visiting.—During the year the Health Visitors made 7,663 visits to children between the ages under one year and up to five years of age.

Infant Welfare Centres.—These were held at the Joint Clinics, The Wylde (Monday and Tuesday afternoons and Friday mornings), and at 166, Tottington Road, Elton (Wednesday and Friday afternoons), and Huntley Mount Clinic (Tuesday morning).

The following table gives particulars of Clinic sessions and attendances:—

	The Wylde.	Tottington Road.	Huntley Mount.	Total
Number of sessions held	146	99	50	295
Total Attendances made:—				
Infants under 1 year	6827	3890	2642	13359
Children 1 to 5 years	2895	1201	840	4936
Number of Doctors' Consultations ...	3903	2189	1602	7694
Average attendance per session	66	51	69	—

Orthopædic Clinic.—Arrangements are in force for cases to be referred to Lancashire County Council's Orthopædic Clinic at Whitefield. In-patient treatment is provided under the scheme if necessary at the Biddulph Orthopædic Hospital, at Ancoats Hospital, Manchester, and at Marple Orthopædic Hospital.

During 1947, 14 new cases attended the Whitefield Clinic, and 2 had consultations with the surgeon, whilst 9 consultations were also given by the surgeon to old cases.

Ante-Natal Clinics.—Three ante-natal clinic sessions are held weekly—on Wednesday mornings at The Wylde, on Thursday mornings at Huntley Mount, and on Thursday afternoons at Tottington Road Clinic. The Clinics show an increase in attendances as compared with the previous year.

Attendances during 1947 were as follows:—

	The Wylde Clinic			Tottington Rd. Clinic			Huntley Mount Clinic		
	Ante-Natal	Post Natal	Total	Ante-Natal	Post Natal	Total	Ante-Natal	Post Natal	Total
No. of new cases ...	222	20	242	100	25	125	86	4	90
No. of attendances .	967	21	988	526	26	552	506	4	510

Dr. W. M. Martin, Obstetric Consultant at Bury Infirmary, has continued as Gynæcological Consultant to the Municipal Ante-Natal Clinics. Cases are referred to him at Bury Infirmary or County Hospital.

In addition expectant mothers attend the Ante-Natal Clinics at the Bury Infirmary and the County Hospital. The number of expectant mothers who attended these Clinics was 651 and 1,853 attendances were made. Also 228 post-natal attendances were made at these clinics.

Milk and Meals Assistance Scheme.—The Corporation has arranged for the provision of free milk (fresh and dried) to mothers and children and to expectant mothers in necessitous cases where the family income, according to the number of persons, comes within a prescribed scale. Owing to the National Milk Scheme, the number of mothers and children who obtained free milk under the Corporation Milk Assistance Scheme was very few, and no grants of cows' milk were made during the year.

MILK: No. of applications for grants received	...	...	...	1
„ „ „ refused	...	...	...	0
„ „ granted supply of dried milk				1

Midwives.—The number of midwives registered as practising during 1947 was 41. Of these six were Municipal Midwives (full or part-time), 23 were midwives at the County Hospital, 8 were midwives at the Bury Infirmary, and 4 were in private practice.

Municipal Midwives.—Five Municipal Midwives (full time) were employed by the Local Authority. The Local Authority has also employed one midwife part time as a Maternity Nurse. The number of cases attended by these midwives during the year was

As midwives, 462.

As maternity nurses, 28.

Since the municipal midwives have been in the Corporation's employ they have been required to assist at the municipal ante and post-natal clinics and be present with any of their patients attending.

All Midwives are now equipped with Gas and Air Analgesia apparatus. This was administered to 52 patients.

The services of the salaried midwives are not free, but payment is expected in accordance with financial ability. A scale of income with appropriate charges is in force, and in fact there have been a number of cases where the services were rendered free of charge. The full charges for Services are:—

£2 5s. 0d. as a midwife. £2 5s. 0d. as a maternity nurse and 10/- for attention at other cases.

The five municipal midwives' names, addresses, and telephone numbers are :—

Name.	Address.	Tel. Nos.
Nurse R. M. Cunningham	58, Rochdale Old Road.	Bury 606
„ E. Brown	281, Market Street.	„ 2526
„ M. Hutchinson... ..	40, Vernon Street.	„ 2506
„ D. Shuttleworth ...	44, Alfred Street.	„ 349
„ L. Whittaker	15, Sawyer Street	„ 1703

Maternal Mortality.—There were three maternal deaths in 1947, giving a maternal mortality rate of 2.51 per 1,000 total births. In 1946 the maternal mortality rate was 1.90 and in 1945 it was 3.4 per 1,000 total births.

Puerperal Pyrexia.—Three cases of Puerperal Pyrexia and one case of Puerperal Fever were notified. The four cases, of which two were removed to the Florence Nightingale Hospital for treatment, recovered.

Ophthalmia Neonatorum.—Two cases of Ophthalmia Neonatorum were notified during the year, the rate per 1,000 live births being 1.72, as compared with 0.98 per 1,000 births in 1946

The following table gives further particulars :—

Cases.	Notified.	Treated.		Vision Unimpaired.	Vision Impaired.	Total Blindness.	Deaths
		At Home.	At Hospital				
2	2	1	1	—	—	—	—

Instruction in Mothercraft.—During school term, two sessions weekly are held at the Wylde Clinic, where instruction is given by the Senior School Nurse of the Education Department. The arrangement with the Education Committee continues, and girls in the last term at school attend in groups of not more than 30 at a time, each group attending for a period of six weeks, and they come from all the senior schools.

Child Life Protection—Public Health Act, 1936.

(Section 206 to 220).

The duties and powers under the above, which make provision for the supervision of children who are nursed for gain apart from their parents, are administered by this department.

There were six foster parents on the Register at the end of 1947. The children nursed by these foster parents were visited by the Health Visitors, who are the appointed visitors under the Act. The number of visits made during the year was 31.

Boarding-out of Children.—The Council's administrative scheme under the Local Government Act, 1929, made Maternity and Child Welfare a declared service; therefore duties under the Order were imposed upon this department.

There were seven children on the Register at the end of 1947, and during the year 60 visits have been paid in connection with these boarded-out children.

Adoption of Children.—In response to enquiries with reference to the adoption of children, the Health Visitors paid 37 visits to homes. Visits were paid with reference to enquiries about the placing of three children by approved adoption societies and one child by other local Authorities.

Day Nursery. Day and Nursery Class:—

	Age 0—2½	Age 2½—5
No. of children on register at beginning of year	38	31
No. of children admitted during year..	21	25
No. of children discharged	24	25
No. of children on register at end of year	35	31

There is one Day Nursery at Maxwell Street and a Nursery Class, with extended hours, at the East Ward School.

The building of the Maxwell Street Nursery has been purchased by the Corporation. Arrangements have been made for the attendance of Nursery Students at Manchester for training on 2 days weekly.

Creche.—A creche for children was opened for one half day a week at the Elton Clinic. The demand for this Service proved to be extremely small.

This was transferred to Huntley Mount Clinic on February 20th, and discontinued after 4th September session owing to lack of support.

Care of Premature Infants (Circular 20/44).—Arrangements are in force for dealing with Premature Infants. Certain equipment, including cots, heated basket with oxygen supply, blankets, baby jackets, etc., has been provided and a specially trained health visitor is responsible for visiting premature infants immediately notification is received from the midwife concerned. The local hospitals notify the Medical Officer of Health when premature infants are discharged.

During 1947 the number of babies notified who weighed 5½-lbs. or less at birth was 78. The majority of these were born in hospital. The number of cases visited by the Health Visitor in the home was 18, to whom 66 visits were made.

Illegitimate Children.—The Health Visitors pay special attention to illegitimate births and make frequent visits to these cases. The Council subsidises the local Diocesan Moral Welfare Council, whose Social Worker visits unmarried mothers.

Cases referred by:-

0	Maternity Clinic
1	County Hospital
2	Health Visitor
3	National Council for Maternity
4	Family Welfare Association
1	Health Visitor
2	Social Welfare
0	Other Social Workers
1	Liverpool Women Police Patrol
2	Other
0	Own friends

Strandisholme House.
This home is provided by the Corporation for the admission of healthy children. It is chiefly intended for short stay cases but in cases where suitable foster parents cannot be obtained long stay cases may be admitted. The intention is to provide, as far as possible, conditions of good home life for the child.

MORAL WELFARE WORK.

Bury and District Outdoor Work Committee.

I am indebted to Miss Housden for the following report of work carried out in Bury.

Total number of New cases, 1947	37
Total number since formation of Outdoor Work Committee, November 1st, 1946	50

ANALYSIS.

Unmarried Mothers	21
Married women with illegitimate children	2
Young people drifting into moral danger	4
Epileptic needing care	1
Children in moral danger	1
Indecent assault	1
Matrimonial difficulties	2
Women Police enquiry	1
Incurable girl needing a home	1
Advice re lodgings	1
Enquiry re training for Social Work	1
Mental problem	1

Dealt with as Follows:—

Unmarried Mother admitted to Diocesan Homes	7
Unmarried Mother admitted to Hospital	6
Unmarried Mother admitted to Service Women's Hostel ...	1
Admitted to Children's Home	1
Admitted to Epileptic Colony	1
Admitted to Home for Incurables	1
Admitted to Dr. Barnardo's Homes	1
Admitted to residential nursery	1
Boarding out grants obtained for care of illegitimate children	5
Placed with Foster Mother	1
Advised regarding adoption	5
Help and advised in own Homes with many problems con- cerning the illegitimate child	13

Cases referred by:—

Magistrates' Clerk Office	6
County Hospital	4
Health Visitors	2
National Council Unmarried Mother ...	3
Family Welfare Association	4
Resettlement Bureau	1
Social Welfare	2
Other Social Workers	9
Liverpool Women Police Patrols	1
Clergy	3
Own friends	2

Brandlesholme House.

This home is provided by the Corporation for the admission of healthy children. It is chiefly intended for short stay cases, but in cases where suitable foster parents cannot be obtained long stay cases may be admitted. The intention is to provide, as near as possible, conditions of good home life for the

children. They attend the ordinary schools and are housed in ideal surroundings. The Health Committee has arrangements to admit children whose mothers are unable to look after them during confinement. If vacancies are available children may be admitted from other Authorities.

The number of children admitted during the year :—

Under 5 years of age	21
Over 5 years of age	14

Home Helps.—Two whole-time home helps are employed by the Corporation. There is also a panel of home helps to be drawn on if the full-time home helps are fully booked up. It has been found that the two full-time home helps are not always engaged on this service, and there has been no demand from the public to further increase the staff.

A charge is made for the use of their services according to the means of the patient. Whilst the services of the home helps are primarily to provide domestic help in maternity cases their services may be obtained either in case of non-infectious sickness or infirmity due to old age, should they be at liberty from maternity cases.

No. of maternity cases attended	40
No. of sickness cases attended	8

DENTAL CLINIC, THE WYLDE, BURY.

Dental Report of Maternity and Child Welfare Cases.

Year ending 31st December, 1947.

	Patients	Attendances	Extractions	General Anaes.	Local Anaes.	Fillings
PRE-SCHOOL	15	21	11	9	2	3
ANTE-NATAL	11	18	6	2	5	—
POST-NATAL	1	1	—	—	—	—

It has been impossible to extend this work with the facilities at present available. Plans are in the hands of the Ministries of Health and Education for the provision of a Dental Surgery at the Huntley Mount Clinic.

SUMMARY OF WORK OF THE HEALTH VISITORS, 1947.

VISITS AND ATTENDANCES.

No.

First visits to notified births	1086
Re-visits to infants under one year of age	3194
Re-visits to children under one and over five years ...	3383
Visits to expectant mothers	160
Re-visits to expectant mothers	192
Visits re deaths of infants under one year of age ...	120
Visits to premature infants	66
Visits re infectious diseases: Measles, Whooping Cough, Chicken Pox, etc.	820
Visits re Ophthalmia Neonatorum	18
Visits to the houses in which cases of Tuberculosis have been notified	74
Re-visits to houses in which cases of Tuberculosis have been notified	3010
Visits and enquiries re applications for extra nourish- ments under Tuberculosis scheme	14
Visits to Boarded-out, Nursed-out, and adopted children	128
Visits re Diphtheria Immunisation	852
Visits for other causes	40
Attendances at Clinics:—	
Infant Welfare Centres	512
Tuberculosis, Morning Clinics	69
Sunlight Clinics	50
Other Clinics	151
Total Visits	13157
Total Attendances at Clinics	782

BURY C.B. CHILD WELFARE ATTENDANCES

YEAR	ATTENDANCES, CHILD WELFARE CENTRES			ANTE-NATAL CLINICS	
	Patients	Attend- ances	% of Births Attending	Patients	Attend- ances
1947	2,177	18,293	93	406	2,050
1946	2,115	16,669	87	450	2,018
1945	2,165	14,543	87	311	1,106
1944	1,639	16,904	94	251	896
1943	1,539	14,683	86	184	808
1942	1,534	14,718	86	268	741
1941	1,561	13,943	80	193	635
1940	1,434	14,300	91	152	489
1939	1,357	16,576	71	97	404
1938	1,390	17,105	64	142	422
1937	1,233	13,944	63	104	329
1936	1,232	12,994	65	101	318
1935	1,169	12,132	66	73	234
1934	1,112	11,307	62	49	158
1933	1,181	12,063	60	34	74
1932	1,014	9,777	64	47	119
1931	1,020	7,244	60	47	113
1930	951	7,477	55	37	142
1929	986	7,605	58	58	238
1928	956	7,040	57	68	241
1927	810	6,374	56	77	235
1926	601	5,727	43	52	204
1925	824	4,335	47	61	272
1924	615	3,853	—	59	254
1923	619	2,072	—	41	169
1922	682	3,369	—	46	177
1921	841	4,159	—	58	208
1920	1,094	6,146	—	70	216
1919	863	4,118	—	58	117
1918	773	3,941	—	—	—
1917	526	—	—	—	—
1916	128	Child Welfare Clinic Opened Nov. 19th			

INDEX.

	Page
Abattoirs	36—39
Ambulance Facilities	15—16
Bacteriological Examinations	14—15
Births, including still births	7
Chief Sanitary Inspectors' Report	18—43
Child Life Protection	62
Day Nursery and Class	62
Deaths	7—9
Diphtheria Immunisation	47—48
Food and Drugs (Adulteration) Act, 1938, etc.	40—42
Food, Inspection and Supervision of	33—35
General Provision of Health Services in the Area	14—17
Health Committee	2
Health Visitors, Summary of Work	66
Hospitals	16
Housing	29—31
Infantile Mortality	8
Infant Welfare Centres	52
Infectious Diseases—prevalence of and control over	44—48
Laboratory Facilities	14—15
Maternity and Child Welfare	59—66
Midwives	60—61
Moral Welfare Work	64
Nursing in the Home	16
Sanitary Inspection of the District	27—29
Staff	3—4
Statistics of the Area	7
Statistics, 1947, and previous years	12
Statistics, 1877—1947	10—11
Statistics, comparative statement	13
Tuberculosis	49—52
Vaccination	44
Venereal Diseases	53—58
Water Supply	18—19

