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Contributors

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COUNTY BOROUGH OF HUDDERSFIELD.



REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEARS 1939-43



JOHN M. GIBSON, B.A., M.D., D.P.H.

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COUNTY BOROUGH OF HUDDERSFIELD.



REPORT
OF THE
MEDICAL OFFICER OF HEALTH

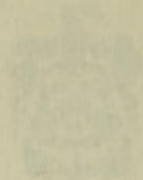
Chief School Medical Officer.
Medical Superintendent of Hospitals.
Chief Tuberculosis Officer, and
Medical Officer to the Mental Deficiency Committee.

FOR THE YEARS 1939-43

JOHN M. GIBSON, B.A., M.D., D.P.H.,

Fellow of the Society of Medical Officers of Health.
Fellow of the Royal Sanitary Institute.
Member of the British Medical Association.

COUNTY BOARD OF HEALTH



REPORT

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1914

JOHN M. GIBSON, M.D., D.P.H.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE:
MRS. NOBLE AND GENTLEMEN:

It is fully recognised that an Annual Report loses much of its value unless published soon after the end of the year to which it relates, and it is regretted that since the onset of the War the publication of the usual Annual Report for each year has not been possible, partly on account of the increased responsibilities which have resulted, and also on account of the many changes which occurred in the staff of the Health Department. The statistics for each year were carefully recorded, however, and they are submitted now, side by side, in tabular form, as a combined report for the five years:- 1939 - 1943. Such a report has at least one merit in that it presents the statistics in such a form that the figures for the years concerned are easily comparable.

As the period covered has been concerned with the most destructive War in history, and has found our Nation absorbed in the greatest struggle ever experienced to preserve its freedom, it is of interest to see at a glance any changes that have taken place during that period in the health statistics of the Borough. The figures recorded show quite clearly that there has been no deterioration in the health of the community evidenced either by death-rates or by the prevalence of infectious disease. Indeed the impression gained by a study of these statistics, and supported by observations made and information collected during the course of one's daily work, suggests that the general public health was never better.

It will be observed that the birth-rate has increased since the onset of War from 12.73 to 16.24. Even at the latter figure it is still below the average for the country as a whole, but the pre-war indication of decadence, demonstrated by a gradually increasing adverse balance between the birth-rate and the death-rate, has, for the time being at any rate, disappeared. Over a period of years the infantile mortality rate had remained well below the average of other County Boroughs in the North, but, for some reason at present unknown, the figure had been rising in the years immediately preceding the War, and this tendency continued during the first three War years. A definite fall occurred, however, in 1943, and the provisional figure for 1944 indicates that this improvement has been maintained. Accompanying the rise as it took place, there occurred almost concurrently an increase in the still-birth rate and in the percentage of premature births. An impression has been gained, therefore, that the falling birth-rate, the rising mortality rate, the increased still-birth rate, and the larger percentage of premature births, were all in some way co-related.

In a Table included later, which records death-rates in 1901 and from 1911 onwards, it is of interest to note not only the fall which has taken place in deaths of children under five years of age since the beginning of the century, but also the increase in the percentage of persons who died after the age of 65 years. The expectation of life has certainly lengthened.

The maternal mortality rate is based upon comparatively small numbers of deaths, and, in consequence, is subject to great variation from year to year, but a fall to 1.01 in 1943 is encouraging.

There is little in the infectious diseases records worthy of comment. The ebb and flow in the prevalence of Measles and of Whooping Cough is in keeping with the expected two to three yearly cycle, and Scarlet Fever also has a tendency to run in waves, but at longer intervals. Although the number of cases of Diphtheria does not seem alarming when seen on the Table of notifications, it is a disturbing fact that there have been 22 deaths from this disease during the five years, all of which might have been avoided. The percentage of children immunised against the disease is now 62.1% for children under five years, and for children five to fifteen years of age 72.6%. Over the period under review approximately 60% of children, on an average, were immunised. Amongst this group there were 27 cases of Diphtheria and no deaths. On the other hand, amongst the smaller group, that is to say, the 40% not immunised, there were 240 cases and 10 deaths. It is not claimed that immunisation gives absolute freedom from infection, but a protection which offers such a safeguard against death, and one so easily acquired is surely worth having.

Two diseases which nearly always increase during the disturbing conditions of War, are Tuberculosis and Venereal Disease, and for this reason attention is directed to the statistics relating thereto. It will be observed that in the Borough there has been no increase in the total number of cases of Tuberculosis notified, for, although a small increase occurred in the female twenty to twenty-five group, this was counter-balanced by a reduction in the twenty-five to thirty group. Moreover, the number of deaths from Tuberculosis showed no appreciable change. The figures given related, of course, to civilian cases only, for there has been some increase in the total number of cases dealt with owing to the return to their home town of patients who developed symptoms of the disease whilst in His Majesty's Forces. As a result of this increase, there is now a short waiting list of patients, awaiting admission to the Sanatorium. A scheme for improving and extending the accommodation at the Sanatorium was in process of fulfilment when the War began, but had to be suspended. A new block containing 26 beds had just been completed when the "cease building" order was given; unfortunately, it cannot be used for patients until additional accommodation has been provided for the nursing staff who now use the major portion of the block as sleeping quarters. It is hoped that soon after the cessation of hostilities, permission can be obtained for a Nurses' New Home to be erected; plans for this have already been prepared, and approved by the Health Committee.

An increase in Venereal Disease in War-time has come to be almost expected, for the resulting lack of security, and disturbance of family life, favour its spread. Although the figures given in the Report do not indicate much increase during the years under consideration, a tendency to rise is noted by the Medical Officer, and his remarks upon the increased amount of Syphilis occurring amongst young girls merit serious consideration. The loss of life and the destruction of property caused by a War of such magnitude are appalling, but their crippling action upon civilisation may possibly be eclipsed by the effect which the evils of War produce on the rising generation.

Another result of the disturbance of family life, caused by the War, is an increase in the number of children for whose welfare the Local Authority must accept responsibility. Such an increase was anticipated, and it is unfortunate that the whole scheme for the erection of Cottage Homes, which had been commenced, was not completed when, here again, building operations had to be suspended.

In 1939, the Homes at The Leas, Scholes, had been taken over by the West Riding County Council, but the older children for whom the Borough Council was responsible, were still in residence there. Children under five years of age had been taken away and were housed at Springwood Hall as a temporary measure. The work of erecting four Cottages in the grounds adjacent to the Main Block at Fieldhead, was in progress when the War began, but the actual building work of two of the Cottages had not commenced at the outbreak of hostilities, and so, only the two nearing completion were proceeded with. The staff and young children from Springwood Hall were transferred to Fieldhead in February 1941, and the two Cottages were opened in August of the same year by the transfer from The Leas, Scholes, of all children chargeable to the County Borough. Soon the lack of the two extra Cottages became evident, for the number of children to be dealt with became greater than the accommodation available. First the building at Lindley Moor, previously used as a Crippled Children's Home, was opened as a Receiving Home, with accommodation for 12 children, and

later, in August 1942, another house - The Headlands - had to be taken over. It provides accommodation for a maximum of 30 children.

A new feature in the services provided for children, was the opening of War-time Nurseries. They were authorised by the Ministry of Health as a War-time measure, so that young women, when freed from the responsibility of looking after their children during the day, might become available, if they were willing to give their services, for work of national importance. The first of these was opened in the early stages of the War, by the Queen Street Mission, and officially taken over by the Corporation in April 1942. Later this Nursery was transferred (in February 1943) to new premises. Four additional Nurseries were opened during the year 1942. A very short time elapsed after the opening of each Nursery, until the names on the registers were more than the authorised capacity. Average attendances are shown, and, although these, as recorded, fall below the capacity, attendance on the whole has been good. In dealing with young children one must expect the average attendances to be affected by spells of cold weather, and by epidemics of such diseases as Measles and Whooping Cough. Also the Saturday attendances invariably fall below those of the rest of the week.

The question is now being asked, what part Nurseries of this kind should take in our Post-War Planning. One would like here to emphasise that the best place for very young children is, generally speaking, their own homes, and, for the majority of the mothers, the responsibility of a home containing young children should be regarded as a full-time occupation. Perhaps in the plans for social security, now under consideration, some provision can be included which will make it unnecessary for mothers, in such circumstances, to find it necessary, for economic reasons, to undertake additional outside duties. Their work in the home is so important, and so exacting, that it should be possible for them to devote the whole of their energy to this work. Nevertheless, the world is still far from a state of Utopia, and, in these cases where it is necessary for the mother to supplement the family income by undertaking outside work, arrangements for the care and supervision of children too young to attend school should be continued. Daily minders of the right type are so hard to find that probably the continuance of at least one Nursery will be advisable.

A problem which has been steadily assuming large proportions and causing great anxiety as the War continued is housing accommodation. Although a considerable number of new houses had been erected in the years immediately preceding the War, most of these were concerned with Slum Clearance, and, generally speaking, for every house erected one was pulled down, so that there was very little increase in the aggregate. Huddersfield has been extremely fortunate in having had no reduction in the number of its houses as a result of enemy action, but, with building operations being suspended for so long, overcrowding, which had almost abated prior to the War, has again assumed serious proportions. Accurate statistics concerning this are not available, for no survey has been carried out, but some indication of the position is given by the large number of parents who call at the Health Department to explain their own plight and ask for assistance.

A disturbing feature of housing, demonstrated in the Report, is the comparatively large number of new Council houses which have been found to be bug-infested. Everything possible was done to prevent this, for in all cases when tenants were being moved from condemned or overcrowded houses to new Housing Estates, all the household effects were treated either by steam disinfection, or by cyanide fumigation carried out in a specially constructed van. It is never possible to find out how re-infestation under such circumstances has occurred, but, undoubtedly, trade in second hand furniture has played a part. An Officer was appointed specially to deal with this problem, and the figures in the Report show the number of houses in which action had to be taken. The actual process of disinfection was carried out by a commercial firm, who used cyanide gas, and the results obtained appear to have been most satisfactory.

In submitting the Report, I take the opportunity to express my indebtedness to all the members of the Public Health Staff - medical, nursing, and clerical - and more particularly to the senior officials for their excellent services.

To the Chairmen and Members of the Committees concerned, I am grateful also for their so generously expressed consideration and encouragement.

Yours faithfully,

John W. Gibson

COUNTY BOROUGH OF HUDDERSFIELD.COMMITTEES, end of 1943.HEALTH COMMITTEE:

Chairman: COUNCILLOR J.W.B. JOHNSON.

Deputy Chairman: COUNCILLOR J.H. KAHN, M.B., Ch.B.

His Worship the Mayor (Alderman A.S. Moulton, M.B.E., J.P.)

Councillor J. Armitage.

Councillor H. Jones.

" A. Berry.

" S. Marsden.

" R.H. Browne, J.P.

" A.H. Noble.

" J.T. Gee.

" J. Oldroyd.

" G.B. Jones.

" A. Preston.

MATERNITY AND CHILD WELFARE COMMITTEE:

Chairman: COUNCILLOR R.H. BROWNE, J.P.,

Deputy Chairman: COUNCILLOR D. BEAUMONT.

His Worship the Mayor (Alderman A.S. Moulton, M.B.E., J.P.)

Alderman Mary E. Sykes.

Councillor G. Tomlinson.

Councillor A. Berry.

Mrs. K.J. Broadbent, M.A.

" J.W.B. Johnson.

Mr. W.K.B. Broadbent, M.A.

" J.H. Kahn.

Miss M. Irving, J.P.

" W. Mallinson.

Mrs. J. Raffan.

" A.H. Noble.

Mrs. W.L. Sellers.

SOCIAL WELFARE COMMITTEE:

Chairman: COUNCILLOR J.W.B. JOHNSON.

Deputy Chairman: COUNCILLOR O. SMITH, J.P.

His Worship the Mayor (Alderman A.S. Moulton, M.B.E., J.P.)

The Chairman of the Finance Committee (Alderman J. Barlow, J.P.)

Alderman W.A. Meadows, J.P.

Councillor W. Mallinson.

Councillor A. Berry.

" A.H. Noble.

" J.F. Best.

" J. Oldroyd.

" F. Bower.

" A. Preston.

" A.W. Fitton.

" H.R. Sykes.

" A. Haigh.

" G. Tomlinson.

" P. Hastings.

" R. Wood.

HOUSING COMMITTEE:

Chairman: ALDERMAN J.E. LUNN, J.P.

Deputy Chairman: COUNCILLOR J.A. BRAY.

His Worship the Mayor (Alderman A.S. Moulton, M.B.E., J.P.)

Alderman A. Gardiner, J.P.

Councillor S. Marsden.

Councillor A. Berry.

" A.P. Nichol, J.P.

" A. Haigh.

" A.H. Noble.

" C. Hickson.

" H.R. Sykes.

" G.B. Jones.

" G. Tomlinson.

MENTAL DEFICIENCY COMMITTEE:

Chairman: COUNCILLOR J.H. KAHN, M.B., Ch.B.

Deputy Chairman: COUNCILLOR W.T. JOYCE.

Councillor T. Beattie.

Mrs. Middlebrook Haigh.

" A. Berry.

Mrs. C. Laycock.

" J.W.B. Johnson.

Miss M. Shires.

" A.H. Noble.

Mrs. A.L. Sykes.

Mr. E. Smith.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health, Chief School Medical Officer, Medical Superintendent of Hospitals, Chief Tuberculosis Officer, Medical Officer to the Mental Deficiency Committee, and Vaccination Officer:

JOHN M. GIBSON, B.A., M.D., D.P.H.

MATERNITY AND CHILD WELFARE.

Senior Assistant Medical Officer of Health: Miss Katherine A. Gill, M.B., B.S. (London).
 Assistant Medical Officers of Health: Miss Marjorie Haynes, B.Sc., M.D., Ch.B.,
 Miss Dorothy B. Thomson, M.D., Ch.B.,
 Miss Margaret M. Bodano, M.B., Ch.B.
 Consultant Obstetricians: W.S. Dickson, M.D., B.Ch., M.A.O.,
 W.D. Galloway, B.A., F.R.C.S.
 Infant Welfare Nurses: kj Miss May Tracey,
 k Miss Phoebe England.
 Infant Life Protection and Boarding Out Visitor: Mrs. Edith Cook.

TUBERCULOSIS.

Clinical Tuberculosis Officer: Thomas P. Twomey, M.B., Ch.B., D.P.H.
 Tuberculosis Nurse: dk Miss Catherine Vickers.

VENEREAL DISEASES.

Venereal Diseases Officer: Denton Guest, M.D.
 Orderly: Frederick Reed.

SCHOOL MEDICAL STAFF.

Assistant School Medical Officers: Arthur F. Turner, M.B., B.Ch., D.P.H. (O.H.M.S.).
 Miss Honora J. Twomey, M.D., D.P.H.
 School Dentists: Alexander B. Shields, L.D.S., R.F.P.S.
 Maurice R. Ross, L.D.S. (O.H.M.S.).
 Thomas H. Madden, (Registered Dentist).
 Ophthalmic Consultant: H. Tomlin, M.D., D.P.H.
 Orthopaedic Surgeon: William Barclay, M.C., M.B., F.R.C.S. (Ed.) (O.H.M.S.).
 A.L. Walker, M.B., Ch.B., F.R.C.S.
 Aural Consultant: F. Gann, M.C., M.B., Ch.B.
 School Nurses: Miss Bessie Tomlinson.
 Miss Mabel E. Daniels.
 cdk Miss Sarah A. Maunders.
 k Miss G. Grundy.

INFECTIOUS DISEASES HOSPITAL AND SANATORIUM.MILL HILL ISOLATION HOSPITAL.

Resident Medical Officer: Miss Agnes P. Routledge, M.B., Ch.B.
 Matron: ck Miss E. White.

BRADLEY WOOD SANATORIUM.

Resident Medical Officer: Thomas P. Twomey, M.B., Ch.B., D.P.H.
 Matron: jk Miss Maud L.G. Clark.
 Teacher: Miss Ball.

PRINCESS ROYAL MATERNITY HOME.

Matron: Jk Miss I. Smith.

CHILDREN'S HOMES.
(Fieldhead; The Headlands; Lindley Moor Receiving Home).

Matron: Miss E.A. Adam.

GENERAL HOSPITAL.

St. Luke's Hospital.

Visiting Physician: A.M. Affleck, M.D., Ch.B., M.R.C.P.

Resident Medical Officer: H.R. Findlay, M.B., Ch.B.

DISTRICT MEDICAL OFFICERS AND PUBLIC VACCINATORS.

District 1 and 2.	R.A.C. McIntosh, M.B., Ch.B.
" 3.	J.J. Hanratty, M.B., Ch.B.
" 4.	J.I. Arnold, L.R.C.P., L.R.C.S.
" 5.	H.U.G. Harrison, M.B., B.S.
" 6.	C.D. Macrae, M.B., Ch.B.
" 7.	K.G. Wrigley, L.M.S.S.A.
" 8 and 9.	S.H. Waddy, F.R.F.P.S., L.R.C.P.S., L.D.S.
" 10.	S. Hall, M.B., Ch.B., B.A.O.

VETERINARY OFFICER.

Officer: W.R. McKinna, M.R.C.V.S., D.V.S.M.

PUBLIC ANALYST.

Analyst: Raymond Mallinder, B.Sc., F.I.C.

SANITARY.

Chief Sanitary Inspector:	fg	Ernest Richardson.
Sanitary Inspectors:	abig	Dennis Drake.
	big	George Foster.
	big	William W. Townsend.
	hg	Wilfred Miles.
	hg	Jack Beever. (O.H.M.S.).
Housing Inspectors:	abgh	Eric Drake.
	gh	Frank Egan.
Assistant Housing Inspectors:	big	Samuel E. Cousins-Mercer.
	h	George Bower. (O.H.M.S.).
Housing Clerk:		Donald Cartwright. (O.H.M.S.).
Removal Officer:		Stanley Johnson.
Disinfestation Officers:		George Tong.
Junior Clerk:		Leonard Daniel.

LABORATORY.

Medical Officer in Charge: Miss Honora J. Twomey, M.D., D.P.H.

Assistant: L Miss Toni Frank.

CLERICAL.

Managing Clerk:	Bernard Pilkington.
Assistant Managing Clerk:	Miss Alice Berry.
Clerical Staff:	Roland Burns. (O.H.M.S.). Horace C. Smith. (O.H.M.S. - killed 25th October 1944). Kenneth Holmes. (O.H.M.S.). John L. Ellis. (O.H.M.S.). Eric Smith. (O.H.M.S.). Donald G. Harpin. Harold E. Lamb. (O.H.M.S.). Miss Gladys M. Armitage. Miss Joan E. Fleetwood. Miss Kathleen M. Lockwood. Mrs. Doreen Preston. Miss Reneo Jones. Miss F. A. Wilkinson. Mrs. M. Hordin. Miss Joan Sanders. Miss Eileen A. Chinn. Miss Lilian Blackhurst. Miss Jean E. Hobson.
School Medical Department:	Miss Marjorie Hirst. Miss Margaret Hallas. Miss Marjorie Moore. Mrs. Elaine Wallace. Miss Joy Edwards. (O.H.M.S.). Miss Peggy Lightfoot.

- a Sanitary Sciences Certificate of Royal Sanitary Institute.
- b Smoke Abatement Certificate of Royal Sanitary Institute.
- c Fever Certificate.
- d Member of College of Nursing.
- e Qualified Queen's Nurse.
- f Health Visitor's Certificate.
- g Heat Certificate.
- h Certificate of Sanitary Inspectors' Joint Board.
- i Certificate of Royal Sanitary Institute.
- j Certificate of Central Midwives' Board.
- k State Registered Nurse.
- l Diploma of Laboratory Technicians.

HORACE C. SMITH.

Killed on Active Service on

25th October 1944.

VITAL STATISTICS FOR THE YEARS 1939 - 1943.

(Rates calculated on Registrar-General's figures).

General Statistics, Chief Occupations and Social Conditions omitted for reasons of security.

LIVE BIRTHS.

YEAR.	No. of Registered Live Births. (Legitimate and Illegitimate).	Illegitimate Births.	BIRTH RATE.		
			Huddersfield.	England and Wales.	126 County Boroughs and Great Towns (including London).
1939.	1606	71	12.73	15.0	14.8
1940.	1541	79	12.57	14.6	16.0
1941.	1577	71	12.91	14.2	14.7
1942.	1712	92	14.04	15.8	17.3
1943.	1905	99	16.24	16.5	18.6

STILL BIRTHS.

YEAR.	No. of Legitimate and Illegitimate Still-births.	No. of Illegitimate Still-births.	RATE PER 1,000 POPULATION.		
			Huddersfield.	England and Wales.	126 County Boroughs and Great Towns (including London).
1939.	87	3	0.69	0.59	0.59
1940.	72	7	0.59	0.55	0.61
1941.	57	4	0.47	0.51	0.58
1942.	79	8	0.65	0.54	0.66
1943.	75	8	0.64	0.51	0.63

DEATH RATE.

YEAR.	No. of Registered Deaths.	DEATH RATE.		
		Huddersfield.	England and Wales.	126 County Boroughs and Great Towns (including London).
1939.	1769	14.06	12.1	12.0
1940.	1924	15.70	14.3	15.8
1941.	1862	15.24	12.9	14.9
1942.	1708	14.01	11.6	13.3
1943.	1751	14.93	12.1	14.2

DEATH RATE FROM CANCER.

YEAR.	Number of Deaths.	Huddersfield Death Rate from Cancer.
1939.	233	1.85
1940.	228	1.86
1941.	271	2.22
1942.	262	2.15
1943.	225	1.92

INFANT MORTALITY.

YEAR.	No. of Deaths under 1 year.	No. of Illegitimate Deaths under 1.	INFANT MORTALITY FIGURE.		
			Huddersfield.	England and Wales.	126 County Boroughs and Great Towns (including London).
1939.	115	8	72	50	53
1940.	115	4	74	55	61
1941.	130	10	80	59	71
1942.	148	10	86	49	59
1943.	98	8	51	49	58

MATERNAL MORTALITY.

CAUSE OF DEATH.	YEAR.	RATE PER 1,000 TOTAL (LIVE AND STILL) BIRTHS.		
		Huddersfield.	England and Wales.	126 County Boroughs and Great Towns (including London).
Puerperal Infection:	1939.	1.10	0.74	Not available.
	1940.	1.24	0.52	do.
	1941.	0.61	0.48	do.
	1942.	0.00	0.42	do.
	1943.	0.00	0.73	do.
Other Puerperal Causes:	1939.	4.73	2.08	Not available.
	1940.	1.24	1.64	do.
	1941.	3.67	1.75	do.
	1942.	2.23	1.59	do.
	1943.	1.01	1.56	do.
TOTAL:	1939.	5.91	2.82	Not available.
	1940.	2.48	2.16	do.
	1941.	4.28	2.23	do.
	1942.	2.23	2.01	do.
	1943.	1.01	2.29	do.

VITAL STATISTICS OF HUDDERSFIELD DURING THE YEARS 1911 to 1943 INCLUSIVE.

YEAR.	Population estimated to middle of each year.	NET BIRTHS.		NET DEATHS.		Under One Year of Age. Rate per 1,000 net Births.
		At all ages.		At all ages.		
		Number.	Rate.	Number.	Rate.	
1911.	108144	2122	19.69	1635	15.17	132
1912.	109512	2056	18.84	1507	13.81	97
1913.	110882	2196	19.50	1664	14.77	103
1914.	112265	2030	18.08	1649	14.69	112
1915.	112265	1935	17.29	1830	16.35	109
1916.	115390	1906	17.20	1674	15.11	103
1917.	107969	1650	15.29	1431	13.29	80
1918.	105818	1575	13.35	1762	16.65	100
1919.	105346	1519	12.66	1692	15.81	95
1920.	112301	2102	18.02	1497	13.37	80
1921.	116776	2049	17.60	1481	12.72	87
1922.	111900	1827	16.38	1469	13.17	74
1923.	111600	1752	15.75	1404	13.62	72
1924.	111800	1627	14.32	1587	13.97	97
1925.	112000	1631	14.61	1494	13.38	69
1926.	111900	1559	13.98	1424	12.77	58
1927.	112100	1574	14.09	1667	14.92	74
1928.	113000	1537	13.65	1495	13.27	66
1929.	113100	1439	12.77	1688	14.98	79
1930.	113100	1531	13.33	1527	13.29	56
1931.	114300	1398	12.27	1570	13.78	62
1932.	114000	1335	11.75	1447	12.74	52
1933.	114000	1297	11.42	1711	15.06	49
1934.	114500	1435	12.58	1539	13.49	59
1935.	115000	1397	12.19	1597	13.93	45
1936.	115300	1441	12.30	1651	14.10	63
1937.	+ 123030	1543	12.78	1724	14.28	61
1938.	+ 126240	1769	14.13	1643	13.12	66
THE RATES FOR THE FOLLOWING YEARS ARE CALCULATED ON THE FIGURES FURNISHED BY THE REGISTRAR-GENERAL.						
1939.		1606	12.73	1769	14.06	72
1940.		1541	12.57	1924	15.70	74
1941.	Omitted for reasons of security.	1577	12.91	1862	15.24	80
1942.		1712	14.04	1708	14.01	86
1943.		1905	16.24	1751	14.93	51

+ For Rates: 1937 - 121,173; 1938 - 125,630.

CAUSES OF, AND AGES AT DEATH. (Registrar General's Figures).

1940.

CAUSES OF DEATH.	ALL AGES.		Under 1 year.		1 and under 5 years.		5 and under 15 years.		15 and under 45 years.		45 and under 65 years.		65 and upwards.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Typhoid and Para-typhoid Fevers.	-	1	-	-	-	-	-	-	-	-	-	-	-	-
2. Cerebro-spinal Fever.	4	1	1	-	-	-	1	-	-	-	-	-	-	-
3. Scarlet Fever.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Whooping Cough.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Diphtheria.	1	1	-	-	-	-	-	-	-	-	-	-	-	-
6. Tuberculosis of Respiratory System.	32	23	1	1	1	1	1	1	1	1	1	1	1	2
7. Other Tuberculous Diseases.	5	5	3	-	-	-	-	-	-	-	-	-	-	-
8. Syphilitic Diseases.	6	3	-	-	-	-	-	-	-	-	-	-	-	-
9. Influenza.	11	10	-	-	-	-	-	-	-	-	-	-	-	-
10. Measles.	-	4	-	-	-	-	-	-	-	-	-	-	-	-
11. Acute Poliomyelitis & Polio-encephalitis.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. Acute Infantile Encephalitis.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Cancer of Buc. Cav. & Oesoph. (M) Uterus (F).	19	18	-	-	-	-	-	-	-	-	-	-	-	-
14. Cancer of Stomach & Duodenum.	26	10	-	-	-	-	-	-	-	-	-	-	-	-
15. Cancer of Breast.	58	73	-	-	-	-	-	-	-	-	-	-	-	-
16. Cancer of All Other Sites.	9	12	-	-	-	-	-	-	-	-	-	-	-	-
17. Diabetes.	85	106	-	-	-	-	-	-	-	-	-	-	-	-
18. Intra-cranial Vascular Lesions.	227	269	-	-	-	-	-	-	-	-	-	-	-	-
19. Heart Disease.	27	23	-	-	-	-	-	-	-	-	-	-	-	-
20. Other Diseases of Circulatory System.	63	78	3	7	2	7	1	2	6	1	12	7	7	9
21. Bronchitis.	38	26	12	-	-	-	-	-	-	-	-	-	-	-
22. Pneumonia.	18	13	-	-	-	-	-	-	-	-	-	-	-	-
23. Other Respiratory Diseases.	15	6	-	-	-	-	-	-	-	-	-	-	-	-
24. Ulcer of Stomach or Duodenum.	1	2	-	-	-	-	-	-	-	-	-	-	-	-
25. Diarrhoea under 2 years.	5	2	-	-	-	-	-	-	-	-	-	-	-	-
26. Appendicitis.	29	27	-	-	-	-	-	-	-	-	-	-	-	-
27. Other Digestive Diseases.	48	55	-	-	-	-	-	-	-	-	-	-	-	-
28. Nephritis.	-	2	-	-	-	-	-	-	-	-	-	-	-	-
29. Puerperal & Post-Abortive Sepsis.	-	2	-	-	-	-	-	-	-	-	-	-	-	-
30. Other Maternal Causes.	26	14	26	14	-	-	-	-	-	-	-	-	-	-
31. Premature Birth.	18	17	17	15	-	-	-	-	-	-	-	-	-	-
32. Con. Mat. Birth Inj. Infant: dis:	6	6	-	-	-	-	-	-	-	-	-	-	-	-
33. Suicide.	15	3	-	-	-	-	-	-	-	-	-	-	-	-
34. Road Traffic Accidents.	27	18	2	2	1	1	1	1	3	1	5	3	1	2
35. Other Violent Causes.	121	110	4	1	-	-	5	2	13	11	26	20	11	12
36. All Other Causes.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS:	960	964	69	46	18	5	13	10	83	92	325	232	452	579

CAUSES OF, AND AGES AT, DEATH. (Registrar General's Figures).

1941

CAUSES OF DEATH.	ALL AGES.		Under 1 year.		1 and under 5 years.		5 and under 15 years.		15 and under 45 years.		45 and under 65 years.		65 and upwards.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Typhoid and Para-typhoid Fevers.	-	5	1	-	-	-	-	-	1	1	-	-	-	-
2. Cerebro-spinal Fever.	3	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Scarlet Fever.	-	1	-	-	1	1	-	-	-	-	-	-	-	-
4. Whooping Cough.	-	3	-	-	-	-	-	-	-	-	-	-	-	-
5. Diphtheria.	-	19	-	-	-	-	-	-	-	-	-	-	-	-
6. Tuberculosis of Respiratory System.	32	13	-	-	1	2	3	1	18	12	1	5	2	2
7. Other forms of Tuberculosis.	9	13	-	-	-	-	-	-	4	8	1	1	4	-
8. Syphilitic Diseases.	13	3	-	-	-	-	-	-	1	-	8	3	2	4
9. Influenza.	6	9	-	-	-	-	-	-	-	-	4	-	-	-
10. Measles.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. Acute Poliomyelitis & Polio-encephalitis.	-	2	-	-	-	-	-	-	-	-	-	-	-	-
12. Acute Infantile Encephalitis.	-	23	-	-	-	-	-	-	-	-	-	-	-	-
13. Cancer of Buc: Cav: & Oesoph; (M) Uterus (F)	17	25	-	-	-	-	-	-	3	13	3	13	14	5
14. Cancer of Stomach and Duodenum.	39	27	-	-	-	-	-	-	17	9	17	10	19	16
15. Cancer of Breast.	-	62	-	-	-	-	-	-	2	2	30	26	44	32
16. Cancer of All Other Sites.	78	8	-	-	-	-	-	-	4	4	6	5	3	3
17. Diabetes.	10	132	-	-	-	-	-	-	1	1	21	34	68	97
18. Intra-cranial Vascular Lesions.	89	231	-	-	-	-	-	-	10	12	72	46	174	171
19. Heart Disease.	259	11	1	-	2	-	-	-	2	11	3	4	11	7
20. Other Diseases of Circulatory System.	14	53	5	-	-	-	-	-	2	10	24	10	23	40
21. Bronchitis.	54	27	7	-	-	-	-	-	1	4	11	4	5	10
22. Pneumonia.	26	6	5	-	1	-	-	-	2	2	8	1	2	3
23. Other Respiratory Diseases.	13	3	-	-	-	-	-	-	3	1	7	1	3	1
24. Ulcer of Stomach or Duodenum.	3	1	-	-	-	-	-	-	-	-	-	-	-	-
25. Diarrhoea under 2 years.	6	1	-	-	-	-	-	-	-	-	-	-	-	-
26. Appendicitis.	17	28	1	-	-	-	-	-	2	1	3	9	1	-
27. Other Digestive Diseases.	30	42	-	-	-	-	-	-	1	3	8	15	19	23
28. Nephritis.	-	1	-	-	-	-	-	-	-	-	-	-	-	-
29. Puerperal & Post-Abortive Sepsis.	-	6	-	-	-	-	-	-	-	-	-	-	-	-
30. Other Maternal Causes.	-	15	-	-	-	-	-	-	-	-	-	-	-	-
31. Premature Birth.	25	23	25	-	-	-	-	-	-	-	-	-	-	-
32. Con: Mal: Birth Inj: Infant: Dis.	30	1	28	-	-	-	-	-	-	-	-	-	-	-
33. Suicide.	10	3	-	-	-	-	-	-	1	-	1	1	5	-
34. Road Traffic Accidents.	10	44	-	-	-	-	-	-	4	-	4	1	1	1
35. Other Violent Causes.	38	93	1	-	2	2	2	3	12	18	13	13	8	8
36. All Other Causes.	96	93	4	1	-	-	-	-	14	12	19	19	56	59
TOTALS:	941	921	77	53	9	16	10	11	91	96	283	235	471	510

CAUSES OF, AND AGES AT, DEATH. (Registrar General's Figures).
1942.

CAUSES OF DEATH.	ALL AGES.		Under 1 year.		1 and 5 years.		5 and 15 years.		15 and 45 years.		45 and 65 years.		65 and upwards.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Typhoid and Para-typhoid Fevers.	1	-	1	-	2	1	-	-	1	-	-	-	-	-
2. Cerebro-spinal Fever.	4	1	1	-	1	-	-	-	-	-	-	-	-	-
3. Scarlet Fever.	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Whooping Cough.	-	2	-	2	-	-	1	2	-	-	-	-	-	-
5. Diphtheria.	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Tuberculosis of Respiratory System.	27	20	-	-	-	-	-	-	14	18	12	1	1	1
7. Other forms of Tuberculosis.	9	8	-	-	-	-	-	-	3	3	2	-	-	-
8. Syphilitic Diseases.	10	8	-	-	-	-	-	-	1	1	7	1	2	2
9. Influenza.	2	2	-	-	-	-	-	-	-	-	-	-	-	-
10. Measles.	1	-	-	-	-	-	-	-	-	-	-	-	-	-
11. Acute Poliomyelitis and Polio-encephalitis.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. Acute Infantile Encephalitis.	14	13	-	-	-	-	-	-	-	-	5	-	9	3
13. Cancer of Buc: Cav: & Oesoph; (M) Uterus (F)	27	17	-	-	-	-	-	-	-	-	11	10	16	11
14. Cancer of Stomach and Duodenum.	23	23	-	-	-	-	-	-	-	-	40	35	44	37
15. Cancer of Breast.	90	78	-	-	-	-	-	-	-	-	3	3	5	5
16. Cancer of All Other Sites.	8	8	-	-	-	-	-	-	-	-	13	40	65	82
17. Diabetes.	80	124	-	-	-	-	-	-	-	-	77	47	113	174
18. Intra-cranial Vascular Lesions.	206	227	-	-	-	-	-	-	-	-	5	8	24	31
19. Heart Disease.	13	15	-	-	-	-	-	-	-	-	15	7	5	1
20. Other Diseases of Circulatory System.	43	41	-	-	-	-	-	-	-	-	11	1	2	-
21. Bronchitis.	40	13	1	8	1	-	-	-	2	3	3	7	1	1
22. Pneumonia.	6	7	16	-	-	-	-	-	8	4	7	2	-	-
23. Other Respiratory Diseases.	12	2	-	-	-	-	-	-	-	-	1	1	-	-
24. Ulcer of Stomach or Duodenum.	2	4	-	-	-	-	-	-	-	-	1	6	-	-
25. Diarrhoea under 2 years.	2	3	-	-	-	-	-	-	-	-	6	13	-	-
26. Appendicitis.	14	26	-	-	-	-	-	-	1	6	18	-	-	-
27. Other Digestive Diseases.	31	43	-	-	-	-	-	-	3	3	-	-	-	-
28. Nephritis.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29. Puerperal & Other Post-Abortive Sepsis.	-	4	-	-	-	-	-	-	-	-	-	-	-	-
30. Other Maternal Causes.	27	20	-	-	-	-	-	-	-	-	-	-	-	-
31. Premature Birth.	32	27	27	20	-	-	-	-	-	-	-	-	-	-
32. Con: Mal: Birth Inj: Infant: Dis.	4	7	-	-	-	-	-	-	-	-	-	-	-	-
33. Suicide.	9	7	-	-	-	-	-	-	-	-	-	-	-	-
34. Road Traffic Accidents.	28	15	-	-	-	-	-	-	-	-	-	-	-	-
35. Other Violent Causes.	90	105	-	-	-	-	-	-	-	-	-	-	-	-
36. All Other Causes.	-	-	4	-	3	1	5	2	9	12	21	21	53	70
TOTALS:	834	874	82	66	11	13	16	8	75	77	271	217	379	493

CAUSES OF, AND AGES AT, DEATH. (Registrar General's Figures).
1943.

CAUSES OF DEATH.	ALL AGES.		Under 1 year.		1 and under 5 years.		5 and under 15 years.		15 and under 45 years.		45 and under 65 years.		65 and upwards.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Typhoid and Para-typhoid Fevers.	5	2	2	-	-	-	-	-	-	-	-	-	-	-
2. Cerebro-spinal Fever.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Scarlet Fever.	1	6	1	-	-	-	-	-	-	-	-	-	-	-
4. Whooping Cough.	4	2	-	-	3	1	2	1	-	-	-	-	-	-
5. Diphtheria.	40	23	-	-	-	-	-	-	15	2	20	6	1	1
6. Tuberculosis of Respiratory System.	5	6	-	-	1	1	1	1	3	2	5	3	2	2
7. Other Forms of Tuberculosis.	7	4	-	-	-	-	-	-	-	-	-	-	-	-
8. Syphilitic Diseases.	14	12	1	-	-	-	-	-	-	-	10	3	6	6
9. Influenza.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Measles.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. Acute Poliomyelitis and Polio-Encephalitis.	1	1	-	-	-	-	-	-	-	-	-	-	-	-
12. Acute Infantile Encephalitis.	7	19	-	-	-	-	-	-	1	3	2	13	3	3
13. Cancer of Uterus (F).	19	13	-	-	-	-	-	-	3	-	8	6	7	7
14. Cancer of Stomach and Duodenum.	-	24	-	-	-	-	-	-	-	-	-	-	-	-
15. Cancer of Breast.	76	67	-	-	-	-	-	-	3	1	34	15	8	8
16. Cancer of All Other Sites.	7	11	-	-	-	-	-	-	3	3	3	27	37	5
17. Diabetes.	100	110	-	-	-	-	-	-	3	1	26	5	2	74
18. Intra-cranial Vascular Lesions.	207	246	1	2	-	-	-	-	6	10	72	33	20	188
19. Heart Disease.	29	37	-	-	-	-	-	-	1	1	6	9	22	27
20. Other Diseases of Circulatory System.	75	52	1	-	-	-	-	-	2	1	21	13	51	38
21. Bronchitis.	27	31	6	7	2	4	-	-	4	7	7	4	8	9
22. Pneumonia.	10	8	-	-	-	-	-	-	1	1	3	5	5	2
23. Other Respiratory Diseases.	15	4	-	-	-	-	-	-	2	-	7	3	6	1
24. Ulcer of Stomach or Duodenum.	4	-	4	-	-	-	-	-	-	-	-	-	-	-
25. Diarrhoea under 2 years.	1	2	-	-	-	-	-	-	-	-	-	-	-	-
26. Appendicitis.	14	23	-	-	-	-	-	-	3	4	9	3	2	14
27. Other Digestive Diseases.	46	40	-	-	-	-	-	-	3	4	25	20	18	15
28. Nephritis.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29. Puerperal & Post-Abortive Sepsis.	18	2	-	-	-	-	-	-	-	-	-	-	-	-
30. Other Maternal Causes.	15	15	18	15	-	-	-	-	-	-	-	-	-	-
31. Premature Birth.	10	7	-	-	-	-	-	-	-	-	-	-	-	-
32. Con. Mal. Birth Inj. Infant: Dis.	9	4	-	-	-	-	-	-	-	-	-	-	-	-
33. Suicide.	18	10	-	-	-	-	-	-	-	-	-	-	-	-
34. Road Traffic Accidents.	90	81	3	2	1	2	1	1	4	7	23	13	56	58
35. Other Violent Causes.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36. All Other Causes.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS:	874	877	54	44	8	14	9	9	65	69	290	236	448	505

CAUSES OF DEATH.	AGES AT DEATH.										Total Death under 1 year.
	Under 1 week.	1 and under 2 weeks.	2 and under 3 weeks.	3 and under 4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Total 4 weeks to 12 months.	
Chicken Pox.											
Enteric Fever.											
Measles.											
Scarlet Fever.						2	1			3	3
Whooping Cough.											
Diphtheria.											
Influenza.											
Cerebro Spinal Fever.											
Tuberculosis of Respiratory System.											
Other Tuberculous Diseases.											
Syphilis.											
Cerebral Haemorrhage.		2	1		1			2		2	2
Heart Disease.											
Bronchitis.											
Pneumonia (all forms).		1	1	1	2	1	1	3		2	2
Other Respiratory Diseases.											
Diarrhoea.	1				3		1		1	2	3
Other Digestive Diseases.											
Acute & Chronic Nephritis.											
Congenital malformations -											
(a) Congenital hydrocephalus.											
(b) Spina bifida & meningocele.	1			1	3		1			1	4
(c) Congenital malformation of heart.	2				2		1			1	3
(d) Nonstrosities.											
(e) Other congenital malformations -											
1. Congenital Pyloric Stenosis.											
2. Cleft, palate, Harleip.											
3. Imperforate Anus.											
4. Other stated congenital malformations.	2				2		1			1	2
5. Congenital malformation, unspecified.	3	1	1	1	3	1				1	4
Congenital debility.	2	9	1	1	5						6
Premature birth.	32				46						46
Injury at birth.	4				4						4
Other diseases peculiar to early infancy.											
(a) Atelactasis.											
(b) Icterus Neonatorum.	7	1	1	2	11						11
(c) Other diseases -	1				2						2
1. Diseases of the umbilicus.											
2. Pemphigus Neonatorum.											
3. Other diseases.	2				2		1			1	3
Other causes -											
(a) Erysipelas.											
(b) Rickets.											
(c) Meningitis.		1					1			1	1
(d) Convulsions.	1				2	1				1	3
(e) Suffocation, overlying.											
TOTALS:	58	16	8	8	90	10	9	5	1	25	115

1940

1942.

CAUSES OF DEATH.

	AGES AT DEATH.										Total Deaths Under 1 year.
	Under 1 week.	1 and under 2 weeks.	2 and under 3 weeks.	3 and under 4 weeks.	Total under 4 weeks.	4 wks. and under 3 mths.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Total 4 weeks to 12 months.	
Chicken Pox.											
Enteric Fever.											
Measles.							1			1	1
Scarlet Fever.											
Whooping Cough.							1			2	2
Diphtheria.									1		
Influenza.											
Cerebro Spinal Fever.								1		1	1
Tuberculosis of Respiratory System.											
Other Tuberculous Diseases.								2		2	2
Syphilis.											
Cerebral Haemorrhage.	1	1	1		3	1					3
Heart disease.											
Bronchitis.		1	1		1						1
Pneumonia (all forms).	4	3	2	3	12	4	5			10	22
Other Respiratory Diseases.		1			1		1			1	2
Diarrhoea.	2	2	1	1	6					1	6
Other Digestive Diseases.											
Acute and Chronic Nephritis.											
Congenital Malformations -											
(a) Congenital Hydrocephalus.											
(b) Spina bifida and meningocele.	3	1		1	4				1	1	1
(c) Congenital malformation of heart	3	1	1		6		1			3	9
(d) Monstrosities.											
(e) Other congenital malformations -											
1. Congenital pyloric stenosis.		1	1		1	2				2	3
2. Cleft palate, hare lip.											
3. Imperforate anus.											
4. Other stated Congenital malformations.	2	1			3						3
5. Congenital malformation, unspecified.											
Congenital debility.											
Premature birth.	3	4	3		10	2				2	12
Injury at birth.	4	5	2	1	10						10
Other diseases peculiar to early infancy -											
(a) Atelectasis.	3	1		1	5						5
(b) Icterus Neonatorum.	1	1			2						2
(c) Other diseases -											
1. Diseases of the umbilicus.											
2. Pernicious Neonatorum.								2		2	2
3. Other diseases.											
Other causes -											
(a) Erysipelas.											
(b) Rickets.								1		1	1
(c) Meningitis.											
(d) Convulsions.	1				1						1
(e) Suffocation, overlying.											
(f) Accidental Asphyxiation							1			1	1

CAUSES OF DEATH.

AGES AT DEATH.

	Under 1 week.	1 and under 2 weeks.	2 and under 3 weeks.	3 and under 4 weeks.	Total under 4 weeks.	4 wks. and under 3 months.	3 and under 6 months.	6 and under 9 months.	9 and under 12 months.	Total 4 weeks to 12 months.	Total Deaths under 1 year.
Chicken Pox											
Enteric Fever											
Measles											
Scarlet Fever											
Whooping Cough						2	2			4	4
Epidemic Typhus							1			1	1
Influenza								1		1	1
Cerebro Spinal Fever											
Tuberculosis of Respiratory system											
Other Tuberculous Diseases											
Syphilis						1				1	1
Cerebral haemorrhage											
Heart Disease											
Bronchitis		3		1	4		3	1	1	2	2
Pneumonia (all forms)					1	1	1	5		9	13
Other Respiratory diseases					1	1	1	2		4	6
Diarrhoea											
Other Digestive diseases											
Acute and Chronic nephritis					1						1
Genital malformations -											
(a) Congenital hydrocephalus	1			1	2						2
(b) Spina bifida and meningocele		2			3						3
(c) Congenital malformation of heart	1	1			2	1	1	1		3	5
(d) Monstrosities											
(e) Other congenital malformations -											
1. Congenital pyloric stenosis		1			1						1
2. Cleft palate, harelip			1		1						1
3. Imperforate Anus.	4				1						1
4. Other stated congenital malformations	1				1						1
5. Congenital malformation, unspecified						1					1
Genital debility	2				2						3
Pre-natal birth	27	3	2	1	33	1				1	34
Injury at birth	3	3	1		7						7
Other diseases peculiar to early infancy -											
(a) Atelactasis	5				5	1				1	6
(b) Icterus neonatorum											
(c) Other diseases -											
1. Diseases of the umbilicus											
2. Pemphigus Neonatorum											
3. Other diseases.											
Other Causes -											
(a) Erysipelas											
(b) Rickets			1		1	1	2			3	4
(c) Meningitis								1		1	1
(d) Convulsions											
(e) Suffocation, overlying						1		1		2	2
(f) Accidental suffocation											
TOTAL :	40	13	8	3	64	11	10	12	1	34	98

DEATH RATES 1939 to 1943, and previous Years.

YEAR.	Estimated Population at the middle of the year.	From all causes, and at all ages.	Children under 1 year.	Children over 1 year and under 5 years.	In persons aged 65 years and upwards.	ZYMOTIC DISEASES.							Violence and Accidents.	Seven Zymotic Diseases.	Respiratory System Diseases.
						Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhoid Fever.	Diarrhoea.			
1901.	95,351	16.64	3.02	1.23	4.38	0.00	0.14	0.06	0.06	0.02	0.19	0.94	0.61	1.41	4.46
1921.	116,776	12.72	1.52	0.49	3.14	0.00	0.01	0.01	0.09	0.06	0.03	0.12	0.39	0.34	3.16
1931.	114,300	13.78	0.75	0.30	6.38	0.00	0.09	0.01	0.04	0.02	0.00	0.01	0.54	0.17	2.66
1932.	114,000	12.74	0.62	0.22	6.13	0.00	0.01	0.01	0.02	0.04	0.01	0.03	0.56	0.11	2.17
1933.	114,000	15.06	0.56	0.39	6.82	0.00	0.04	0.10	0.43	0.02	0.01	0.05	0.52	0.64	3.14
1934.	114,500	13.49	0.74	0.35	6.00	0.00	0.04	0.02	0.38	0.04	0.00	0.02	0.51	0.48	2.28
1935.	115,000	13.93	0.55	0.27	6.79	0.00	0.00	0.02	0.26	0.00	0.00	0.06	0.63	0.34	2.68
1936.	115,300	14.10	0.78	0.32	7.10	0.00	0.06	0.02	0.18	0.07	0.00	0.01	0.46	0.33	2.45
1937.	123,030 For rates: 121,173	14.28	0.78	0.16	7.46	0.00	0.02	0.00	0.03	0.00	0.01	0.02	0.50	0.08	2.56
1938.	126,240 For rates: 125,630	13.12	0.93	0.15	6.73	0.00	0.00	0.00	0.02	0.01	0.00	0.015	0.66	0.05	1.79
THE RATES FOR THE FOLLOWING YEARS ARE CALCULATED ON THE FIGURES FURNISHED BY THE REGISTRAR-GENERAL.															
1939.	Omitted	14.06	0.91	0.19	7.24	0.00	0.00	0.00	0.06	0.02	0.00	0.05	0.69	0.13	1.40
1940.	for reasons	15.70	0.94	0.19	8.41	0.00	0.03	0.00	0.02	0.00	0.01	0.02	0.61	0.08	2.54
1941.	of security.	15.24	1.06	0.20	8.03	0.00	0.00	0.00	0.02	0.02	0.00	0.03	0.87	0.07	1.88
1942.		14.01	1.21	0.20	7.15	0.00	0.02	0.01	0.02	0.02	0.01	0.05	0.58	0.13	1.62
1943.		14.93	0.84	0.19	8.12	0.00	0.00	0.00	0.05	0.06	0.00	0.03	0.49	0.14	2.27

A SUMMARY OF 5 YEARS' LABORATORY WORK.

1939, 1940, 1941, 1942 and 1943.

Miss H.J. Twomey, M.D., D.P.H., Medical Officer in Charge of the Laboratory.

(a) Bacteriological Specimens:

(With the exception of Loeffler's blood serum, all the media required were prepared in the Laboratory).

	1939.	1940.	1941.	1942.	1943.
Sputa for Tuberculosis.	582	487	618	707	722
Swabs for Diphtheria.	2613	2538	2034	3578	3902
Urines (chemical and bacteriological examination).	142	225	405	266	281
Faeces (pathogenic organisms).	58	108	593	607	363
Cerebro-spinal fluids (chemical and bacteriological examination).	23	66	90	66	46
Pleural fluids.	15	8	12	18	37
Blood agglutinations.	38	23	41	58	23
Blood Cultures.	7	13	20	9	3
Sputa (all organisms).	48	24	10	13	4
Pus (organisms).	17	23	27	26	17
Pus (preparing vaccines).	2	5	-	3	1
Abdominal fluids.	2	-	4	-	-
Blister fluids (Pemphigus lesions).	-	-	9	-	-
Nose and Throat Swabs.	83	41	203	34	60
Eye Swabs.	9	19	17	15	22
Ear Swabs.	-	4	5	11	44
Rectal, Vaginal, Urethral, Cervical Swabs.	37	24	45	36	34
Water (complete bacteriological analysis.)	14	6	34	2	2
Miscellaneous specimens.	3	3	1	2	3
Loose Milks.	220	189	197	241	270
Tuberculin Tested and Accredited Milks.	107	77	56	68	74
Pasteurised Milks.	5	7	3	77	56
Ice Creams.	-	-	-	31	-
TOTALS:	4025	3890	4424	5868	5964

(b) Bio-Chemical Specimens:

(The solutions used for bio-chemical work were prepared in the Laboratory).

	1939.	1940.	1941.	1942.	1943.
Blood Counts.	7	40	21	119	155
Blood Ureas.	40	35	37	51	43
Blood Sugars.	19	4	28	10	23
Blood N.P.N.	-	-	-	-	5
Blood Calciums.	-	-	-	4	1
Blood Sedimentations.	1	-	1	-	-
Platelets - counting.	-	1	-	-	-
Urine : Urea Concentration Tests.	1	2	9	1	2
Diastase.	-	1	-	-	-
Faeces: Occult Blood.	1	47	29	20	5
Van den Berghs.	3	6	10	11	1
Test Meals.	3	30	47	37	12
TOTALS:	75	166	182	253	247

(c) Other Tests:

	1939.	1940.	1941.	1942.	1943.
Tinea Capitis.	2	1	-	14	22
Tape Worms.	-	-	-	-	2
Ascaris.	-	-	-	-	1
TOTALS:	2	1	-	14	25

	1939.	1940.	1941.	1942.	1943.
Bacteriology.	4025	3890	4424	5868	5964
Bio-Chemistry.	75	166	182	253	247
Other Tests.	2	1	-	14	25
TOTALS:	4102	4057	4606	6135	6236

Bacteriological Work:(1) Diphtheria Swabs Examined:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	2613	2538	2034	3578	3902
<u>Positives.</u>	245	331	317	597	697
<u>Percentage.</u>	9%	13%	15%	16%	17.8%

The swabs were cultured on Loeffler's blood serum; in doubtful cases further investigation was performed on a medium containing tellurite.

(2) Intestinal Organisms:(a) Blood Agglutinations:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	38	23	41	58	23
B. Typhoses.	4	-	6	1	-
B. Paratyphoses B.	10	4	10	5	-
Mixed Paratyphoses and Typhoses.	2	-	-	-	-
B. Dysenteriae Flexner.	-	-	-	1	-
B. Dysenteriae Sonne.	-	-	-	5	-
B. Abortus.	-	1	-	2	-
Bact. Aertrycke.	-	-	-	-	1
Food Poisoning.	-	-	-	4	-
NEGATIVES.	22	18	25	40	22

(b) Faeces Examined:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	58	108	593	607	363
B. Typhoses.	-	-	1	5	-
B. Paratyphoses B.	4	4	32	10	2
B. Dysenteriae Flexner.	-	15	115	116	24
B. Dysenteriae Sonne.	-	-	8	31	96
Bact. Aertrycke.	-	-	-	1	1
NEGATIVES.	54	89	437	444	240

(3) Tuberculosis:(a) Sputa Examined:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	582	487	618	707	722
<u>Positives.</u>	114	90	104	185	190
<u>Percentage.</u>	19%	18.4%	16.8%	26%	26.3%

(b) Pleural Fluids Examined:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	15	8	12	18	37
T.B. found.	1	-	-	-	-
Pneumococci.	3	-	-	-	16
Pneumococci and Streptococci.	-	-	-	-	2
STERILE:	11	8	12	18	19

(4) Meningitis:Cerebro-spinal Fluids Examined:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	23	66	72	55	34
Meningococci found.	3	5	28	24	9
B. Influenzae.	-	1	-	-	-
Haemolytic Streptococci.	-	1	-	-	-
Pneumococci.	-	-	1	3	-
T.B.	-	-	4	1	-
STERILE.	20	59	39	27	25

(5) Haemolytic Streptococci:Nasal and Throat Swabs Examined:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	62	41	32	22	50
Haemolytic Streptococci found.	29	18	10	4	6

(6) Gonorrhoea:(a) Vaginal, Urethral and Cervical Swabs Examined:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	37	24	45	36	34
Positives.	-	-	4	5	-

(b) Eye-Swabs examined for G.C.

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	10	19	17	15	22
No positive results were found.					

(7) Water Examinations:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	14	6	34	2	2
Unsatisfactory Results.	7	5	31	2	2

(The standard of purity regarded as satisfactory was less than 2 presumptive coli per 100 c.c. of water as advised in the "Bacteriological Examination of Water Supplies", Ministry of Health).

(8) Milk Examinations:(a) Loose Milks:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	220	189	197	241	270
Unsatisfactory in Methylene Blue test.	18	7	14	3	2
" " B. Coli test.	41	19	38	74	70
" " both tests.	-	14	18	12	12
Satisfactory Milks:	161	149	127	152	186

(b) Tuberculin Tested and Accredited Milks:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	107	77	56	68	74
Unsatisfactory in Methylene Blue test.	-	3	1	-	-
" " B. Coli test.	11	6	7	9	16
" " both tests.	-	4	-	5	2
Satisfactory Milks:	96	64	48	54	56

(c) Pasteurised Milks:

	1939.	1940.	1941.	1942.	1943.
<u>TOTAL:</u>	5	7	3	77	56
Unsatisfactory B. Coli test.	-	-	1	15	6
" Plate Counting.	1	5	1	4	14
" in both tests.	-	-	-	25	7
Satisfactory Milks:	4	2	1	33	29

(Pasteurised milks were regarded as unsatisfactory having a plate count of more than 100,000 per c.c.)

AMBULANCE FACILITIES.

End of Year 1943.

Ambulance owned by.	No. available.	Ambulance kept at.	Telephone No.	Used for.
Public Health Committee.	3	Mill Hill Isolation Hospital, Dalton, Huddersfield.	Huddersfield 152.	2 - Infectious cases. 1 - Used as bedding van. Could be used for infectious cases in emergency.
Public Assistance Committee.	1	Corporation Haulage Department, Vine Street, Leeds Road, Huddersfield.	Huddersfield 2961.	Non-infectious cases.
Watch Committee.	3	Fire Station, Princess Street, Huddersfield.	Huddersfield 1938.	2 - Accident cases. 1 - "Prison Van" which can be converted into an ambulance in emergency.
Huddersfield and District Contributory Scheme.	4 and 1 Car.	Springwood Street, Huddersfield.	Huddersfield 4966.	Cases where patient is a member of the Contributory Scheme.
Private Firm.	2	Messrs. Thomas Currie & Co. Ltd., Central Garage, Zetland Street, Huddersfield.	Huddersfield 1399.	Non-infectious cases.
Private Firm.	1	Messrs. J.C.I. Dyestuffs Ltd., Dalton, Huddersfield.	Huddersfield 2000.	Private use of employees.

Total Ambulances available: 14 and 1 Car.

H O S P I T A L S.MUNICIPAL HOSPITALS:

Bradley Wood Sanatorium for Tuberculosis,
Bradley, Huddersfield.

Mill Hill Isolation Hospital for Infectious Diseases,
Dalton, Huddersfield.

Princess Royal Maternity Home,
Greenhead Road, Huddersfield.

St. Luke's General Hospital,
Crosland Moor, Huddersfield.

St. Luke's Hospital Annexe,
Woodhouse Hall, Woodhouse Hill, Huddersfield.

PRIVATE NURSING HOMES:

The Surgical Home,
Bradley Lane, Huddersfield.

Trinity Street Nursing Home,
136, Trinity Street, Huddersfield.

VOLUNTARY HOSPITALS:

Green Lea Annexe of the Huddersfield Royal Infirmary,
Lindley, Huddersfield.

Huddersfield Royal Infirmary,
Huddersfield.

St. Katherine's Hostel for Unmarried Mothers and their Babies,
10, Kings Mill Lane, Huddersfield.

C L I N I C S A N D T R E A T M E N T C E N T R E S.PUBLIC HEALTH DEPARTMENT. HUDDERSFIELD:

The following Clinics are held at the Public Health Department:-

- (a) Maternity and Child Welfare.
- (b) School Clinic (including Aural, Dental, Eye, Medical, Orthopaedic and Sun-Ray).
- (c) Tuberculosis.

YORK PLACE, NEW NORTH ROAD, HUDDERSFIELD: (Adjacent to the Huddersfield Royal Infirmary).

Venereal Diseases Clinic.

POOR LAW MEDICAL OUT RELIEF.

During the 5 years - 1939, 1940, 1941, 1942 and 1943.

DISTRICT.	MEDICAL OFFICER AT END OF 1943.	W O R K D O N E.																				T O T A L.									
		H. Attendances at patients' own Houses.					S. Attendances at Surgery or H.O.'s House.					R. Medicine supplied without seeing patient.					H.H. Attendances at patients' Houses and medicine supplied.					S.M. Attendances at Surgery and medicine supplied.									
		1939	1940	1941	1942	1943	1939	1940	1941	1942	1943	1939	1940	1941	1942	1943	1939	1940	1941	1942	1943	1939	1940	1941	1942	1943					
1. Lindley.	Dr. R.A.C. McIntosh.	116	126	84	97	50	7	23	11	11	5	18	5	12	11	14	69	83	77	119	119	-	14	29	48	32	210	251	213	286	220
2. Longwood and Paddock.	Dr. R.A.C. McIntosh.	272	255	141	242	379	11	24	27	36	38	150	63	68	75	105	153	118	127	170	197	77	105	101	107	114	663	565	464	630	833
3. Marsh, South Central (except Rashediffe), North Central (except Holdgreen).	Dr. J.J. Hanratty.	913	528	415	392	247	202	247	203	187	74	279	150	91	102	143	156	60	105	167	53	537	626	606	759	532	2087	1611	1420	1607	1049
4. Birkby and Fartown.	Dr. J.I. Arnold.	116	203	211	170	151	19	116	253	221	170	39	10	-	1	-	74	-	-	-	-	138	-	-	-	-	386	329	464	392	321
5. Deighton.	Dr. H.U.G. Harrison.	210	343	189	182	73	503	424	335	110	21	45	42	81	81	60	-	-	7	73	132	-	-	2	213	258	758	809	614	659	544
6. Dalton (North Central (Holdgreen only)).	Dr. C.D. Macrae.	497	196	158	234	104	102	66	45	14	14	7	38	30	49	57	-	16	72	132	162	-	7	61	68	76	606	323	366	497	413
7. A Lendbury.	Dr. K.G. Wrigley.	510	478	411	479	389	149	105	144	142	131	-	1	-	18	112	-	-	-	-	-	-	-	-	-	-	659	584	555	639	632
8. Newsome.	Dr. S.H. Waddy.	145	104	40	50	65	17	31	12	9	9	70	48	10	14	4	154	84	49	92	71	127	45	72	134	150	513	312	183	299	299
9. Lockwood, Crosland Moor, South Central (Rashediffe only).	Dr. S.H. Waddy.	191	180	96	74	36	14	13	9	9	3	59	101	16	13	6	200	135	100	126	66	173	95	189	170	172	637	524	410	392	283
10. Ht Unbridge.	Dr. S. Hall.	43	10	34	15	31	-	-	-	-	-	12	2	1	1	26	33	15	8	17	20	28	9	7	17	15	116	36	50	50	92
		3013	2423	1779	1935	1525	1024	1049	1039	739	465	679	460	309	365	527	839	511	545	896	820	1080	901	1067	1516	1349	6635	5344	4739	5451	4686

MATERNITY AND CHILD WELFARE WORK.

Births Ante-natally Notified:

YEAR.	Total No. of Births notified in the Area.	Percentage of these Births ante-natally notified.
1939.	1907	90.7%
1940.	1829	90.0%
1941.	1988	92.8%
1942.	2176	95.0%
1943.	2360	96.1%

NOTIFICATION OF BIRTH ACT, 1907.

YEAR.	Number of Resident births notified.	Number of Resident Still-births notified.	TOTAL.
1939.	1570	84	1654
1940.	1506	65	1571
1941.	1581	58	1639
1942.	1711	53	1764
1943.	1858	68	1926

INFANT MORTALITY.

YEAR.	Total No. of deaths under 1 year (Legitimate and Illegitimate).	No. of Illegitimate deaths under 1 year.	DEATH RATE OF INFANTS UNDER 1 YEAR OF AGE.		
			All infants per 1,000 Live births.	Legitimate infants per 1,000 Legitimate live births.	Illegitimate infants per 1,000 illegitimate live births.
1939.	115	8	72	70	113
1940.	115	4	74	76	51
1941.	130	10	80	80	141
1942.	148	10	86	85	109
1943.	98	8	51	50	81
Average for the past 5 years:-			73.		

Assistant Medical Officers of Health - Visits Paid.(a) Ante-natal Visits:

YEAR.	First Visits.	Total Visits.
1939.	785	5308
1940.	703	4029
1941.	674	3585
1942.	608	3579
1943.	697	3210

(b) Post-natal Visits:

YEAR.	Total Visits.
1939.	1367
1940.	1276
1941.	2042
1942.	2137
1943.	1588

(c) Children under 1 year of age:

YEAR.	First Visits.	Total Visits.
1939.	1479	23806
1940.	1519	22344
1941.	1536	22230
1942.	1620	22620
1943.	1803	23184

(d) Children between the ages of 1 and 5 years:

YEAR.	Total Visits.
1939.	5925
1940.	6273
1941.	6605
1942.	5324
1943.	4763

Welfare Centres.Number of Clinics provided and maintained by the Council:- 1.(a) Ante-Natal Attendances:

YEAR.	Total number of women who attended.	Total attendances.
1939.	846	3661
1940.	801	3403
1941.	852	3842
1942.	938	4250
1943.	932	4618

(b) Post-Natal Attendances:

YEAR.	Total Attendances.
1939.	52
1940.	61
1941.	109
1942.	61
1943.	50

(c) Children under 1 year of age:

YEAR.	Total number of children who attended.	Total attendances.
1939.	431	3965
1940.	469	3616
1941.	529	3224
1942.	452	2526
1943.	489	3330

(d) Children between the age of 1 and 5 years:

YEAR.	Total number of children who attended.	Total attendances.
1939.	952	3523
1940.	1019	3242
1941.	2271	5911
1942.	2074	5416
1943.	1913	5375

INFANT WELFARE NURSES.

YEAR.	First Visits.	Total Visits.
1939.	304	1848
1940.	250	1913
1941.	180	1318
1942.	188	1660
1943.	172	1523

Number of Nurses employed by the Council:- 2.

PRINCESS ROYAL MATERNITY HOME. (57 beds).

YEAR.	Number of Admissions.
1939.	895
1940.	1109
1941.	1318
1942.	1401
1943.	1372

ST. LUKE'S HOSPITAL. (Maternity Ward - 8 beds).

YEAR.	Number of Admissions.
1939.	243
1940. (Ward "officially" closed - July 1940)	53
1941.	5
1942.	124
1943.	276

MUNICIPAL MIDWIVES.

District Midwifery Service taken over by the Huddersfield Corporation on the 1st April 1943.

Number of Cases (April to December 1943 - inclusive). 345.

MIDWIVES.

YEAR.	Number of Midwives practising at the end of the year.		TOTAL.
	Domiciliary Midwives.	Midwives in institutions.	
1939.	26	25	51
1940.	16	19	35
1941.	14	21	35
1942.	15	22	37
1943.	18	21	39

ASSISTANCE AT CONFINEMENT.(a) Consultant Services:

<u>Name and Address.</u>	<u>Telephone No.</u>
W.S. Dickson, Esq., B.A., M.D., M.A.O., Wentworth House, New North Road, Huddersfield.	Huddersfield 2335.
W.D. Galloway, Esq., M.A., F.R.C.S., L.R.C.P., M.R.C.O.G., 134, Trinity Street, Huddersfield.	Huddersfield 4500.

(b) Maternity Outfits:

YEAR.	Number of Outfits issued.
1939.) 1940.) 1941.) 1942.) 1943.)	500

(c) Calls for Help:

YEAR.	Number of Calls for Help.
1939.	225
1940.	191
1941.	162
1942.	280
1943.	263

(d) Home Helps and Daily Assistants:

Number of Home Helps and Daily Assistants employed at the end of 1943:-

- (i) Home Helps - 4
(ii) Daily Assistants - 4.

(1) DRIED MILK:

YEAR.	Number of Pounds Issued.
1939.	20,944
1940.	12,960
1941. }	Issued through the Food Office.
1942. }	
1943. }	

(2) OPHTHALMIA NEONATORUM:

YEAR.	Number of cases notified.	Result of Treatment.
1939.	10	Vision unimpaired.
1940.	8	do.
1941.	7	do.
1942.	5	do.
1943.	6	do.

(3) PUERPERAL PYREXIA:

YEAR.	Number of cases notified.
1939.	47
1940.	15
1941.	25
1942.	21
1943.	19

(4) CHILDREN UNDER 5 YEARS OF AGE:(a) Examinations:

	1939.	1940.	1941.	1942.	1943.
No. of children examined.	462	322	494	410	476
No. with defects requiring treatment (excluding uncleanness and dental disease).	49	37	32	30	60
No. with defects requiring treatment (uncleanliness and dental disease).	10	16	7	4	1
No. with defects (observation).	187	82	151	128	145
No. vaccinated.	101	73	112	104	150
No. Not vaccinated.	361	249	382	306	326
Teeth Satisfactory.	412	268	422	345	416

(b) Immunisations:

YEAR.	No. of children immunised.
1939.	Figures not available.
1940.	
1941.	
1942.	
1943.	

(c) Ultra Violet Light Clinic:

YEAR.	New Cases.	Return Cases.	Total Attendances.
1939.	309	146	2621
1940.	261	1542	1803
1941.	299	1641	1940
1942.	300	2244	2544
1943.	291	133	2189

INFANT LIFE PROTECTION AND BOARDED - OUT CHILDREN.

Visitor: Mrs. Edith Cook.

Children Act 1908, Part I, (as amended by the Children and Young Persons Act, 1932, and the Public Health Act, 1936).

INFANT LIFE PROTECTION.

	No. of cases on Register at the beginning of the statistical year.	Number added.	Number taken off.	No. remaining on Register at the end of the statistical year.
1939.	47	23	21	49
1940.	49	26	34	41
1941.	41	47	27	61
1942.	61	50	31	80
1943.	80	30	34	76

BOARDED - OUT CHILDREN.

		No. of cases on Register at the beginning of the statistical year.	Number added.	Number taken off.	No. remaining on Register at the end of the statistical year.
Borough Cases.	1939.	7	-	1	6
	1940.	6	-	2	4
	1941.	4	-	2	2
	1942.	2	-	-	2
	1943.	2	4	-	6
West Riding Cases.	1939.	4	-	-	4
	1940.	4	-	1	3
	1941.	3	-	-	3
	1942.	3	-	-	3
	1943.	3	-	1	2
Non-settled Cases.	1939.	-	1	-	1
	1940.	1	-	1	-
	1941.	-	-	-	-
	1942.	-	-	-	-
	1943.	-	-	-	-
Donsbury Case.	1939.	-	-	-	-
	1940.	-	1	-	1
	1941.	1	-	1	-
	1942.	-	-	-	-
	1943.	-	-	-	-
Borough Cases boarded-out in other areas.	1939.	-	-	-	-
	1940.	-	-	-	-
	1941.	-	-	-	-
	1942.	-	-	-	-
	1943.	-	-	-	-
TOTALS:	1939.	11	1	1	11
	1940.	11	1	4	8
	1941.	8	-	3	5
	1942.	5	-	-	5
	1943.	5	4	1	8

CHILDREN'S HOMES.The Leas, Scholes.

	County Borough.		TOTAL.
	Boys.	Girls.	
<u>1939.</u>			
No. in Homes on 31st December 1938.	22	4	26
No. since admitted.	26	11	37
No. since discharged.	34	15	49
No. remaining in Homes on 30th December 1939.	14	-	14
<u>1940.</u>			
No. in Homes on 30th December 1939.	14	-	14
No. since admitted.	8	5	13
No. since discharged.	10	4	14
No. remaining in Homes on 28th December 1940.	12	1	13
<u>1941.</u>			
No. in Homes on 28th December 1940.	12	1	13
No. since admitted.	13	12	25
No. since discharged.	25	13	38
No. remaining in Homes on 28th July 1941.	-	-	-
(After this date The Leas, Scholes, was taken over completely by the West Riding County Council).			

1-8-41:- The 2 Cottages at Fieldhead were "officially" opened.

Springwood Hall.

	County Borough.		TOTAL.
	Boys.	Girls.	
<u>1939.</u>			
No. in Homes on 31st December 1938.	11(a)	8	19
No. since admitted.	39(a)	30	69
No. since discharged.	39(a)	29	68
No. remaining in Homes on 30th December 1939.	11(a)	9	20
<u>1940.</u>			
No. in Homes on 30th December 1939.	11(a)	9	20
No. since admitted.	22	17	39
No. since discharged.	22(b)	20	42
No. remaining in Homes on 28th December 1940.	11(b)	6	17
<u>1941.</u>			
No. in Homes on 28th December 1940.	11(b)	6	17
No. since admitted.	2	4	6
No. since discharged.	-	5	5
No. remaining in Homes on 25th February 1941.	13(b)	5	18
(Springwood Hall closed and the children and staff transferred to Fieldhead).			

(a) Includes 2 West Riding cases. (b) Includes 1 West Riding case.

15-11-41:- The Receiving Home, Lindley Moor, was opened on this date.

	FIELDHEAD, LINOLEY.			THE RECEIVING HOME.			THE HEADLANDS.		
	COUNTY BOROUGH.		TOTAL.	COUNTY BOROUGH.		TOTAL.	COUNTY BOROUGH.		TOTAL.
	Boys.	Girls.		Boys.	Girls.		Boys.	Girls.	
No. in Homes on 25th February 1941.	13(b)	5	18	-	-	-	-	-	-
No. since admitted.	69	55	124	13	9	22	-	-	-
No. since discharged.	60(b)	48	108	7	9	16	-	-	-
No. remaining in Homes on 27th December 1941.	22	12	34	6	-	6	-	-	-
No. in Homes on 27th December 1941.	22	12	34	6	-	6	-	-	-
No. since admitted.	54	52	106	46	48	94	17	9	26
No. since discharged.	46	43	89	50	47	97	12	5	17
No. remaining in Homes on 2nd January 1943.	30	21	51	2	1	3	5	4	9
No. in Homes on 2nd January 1943.	30	21	51	2	1	3	5	4	9
No. since admitted.	52	56	108	48	52	100	51	25	76
No. since discharged.	54	57	111	43	51	94	44	25	69
No. remaining in Homes on 1st January 1944.	28	20	48	7	2	9	12	4	16

(b) Includes 1 West Riding case.

NOTE: Commenced using the Receiving Home during the week ended November 15th 1941, and the Headlands from the 8th August 1942.

1-8-41: The 2 Cottages at Fieldhead were 'officially' opened.

CHILDREN IN SPECIAL SCHOOLS.

During the five years - 1939, 1940, 1941, 1942 and 1943.

	St. Vincent's School, Fulwood, Preston.		Leyfield School, West Derby, Liverpool.		St. Mary's Orphanage, Richmond Hill, Leeds.		Convent of the Good Shepherd, Blackley, Manchester.		TOTAL.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
No. in Homes at the beginning of the statistical year.	1939. 1940. 1941. 1942. 1943.	- - - - -	6 3 4 4 4	3 2 2 2 5	- - - - -	1 1 - - -	- - - - 1	- - - - -	8 8 11 10 11	4 3 2 2 6
	1939. 1940. 1941. 1942. 1943.	- - - - -	1 1 1 1 -	- - 5 1 -	- - - - -	- - - - -	- - - 1 -	- - - - -	4 3 - 2 2	- - - 6 1
	1939. 1940. 1941. 1942. 1943.	1 - 1 - -	3 - - 1 2	1 - - 2 2	- - - - -	1 - - - -	- - - - -	- - - - -	4 - 4 1 2	1 1 - 2 2
	1939. 1940. 1941. 1942. 1943.	5 7 6 7 9	3 4 4 4 2	2 2 2 5 4	1 - - - -	- - - - -	- - - - -	- - - - -	8 11 10 11 11	3 2 2 6 5
	No. remaining in Homes at the end of the statistical year.	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -

WAR - TIME NURSERIES.Brackenhall War-time Nursery, Maypole Road, Brackenhall, Huddersfield.

<u>Date opened:</u>	28th December 1942.
<u>Approved accommodation:</u>	50.
<u>Average daily attendance:</u>	<u>1943.</u>
0 - 2 years.	12.0
2 - 5 years.	16.0

Greenhead Road War-time Nursery, Greenhead Road, Huddersfield.

<u>Date opened:</u>	3rd September 1942.	
<u>Approved accommodation:</u>	40.	
<u>Average daily attendance:</u>	<u>1942.</u>	<u>1943.</u>
0 - 2 years.	3.0	10.0
2 - 5 years.	3.0	16.0

Leeds Road War-time Nursery, Canker Lane, Leeds Road, Huddersfield.

<u>Date opened:</u>	12th January 1942.	
<u>Approved accommodation:</u>	25.	
<u>Average daily attendance:</u>	<u>1942.</u>	<u>1943.</u>
0 - 2 years. }	15.0	4.0
2 - 5 years. }		11.0

Milnsbridge War-time Nursery, The Vicarage, Milnsbridge, Huddersfield.

<u>Date opened:</u>	5th October 1942.	
<u>Approved accommodation:</u>	33.	
<u>Average daily attendance:</u>	<u>1942.</u>	<u>1943.</u>
0 - 2 years.	3.0	6.0
2 - 5 years.	4.0	12.0

Southgate War-time Nursery, Southgate, Huddersfield.

<u>Date opened:</u>	22nd February 1943. (Formerly Queen Street Crèche - taken over by the Huddersfield Corporation on the <u>1st April 1942</u>).	
<u>Approved accommodation:</u>	40.	
<u>Average daily attendance:</u>	<u>1942.</u>	<u>1943.</u>
0 - 2 years.	8.0	10.0
2 - 5 years.	22.0	20.0

WATER SUPPLY:SANITARY CIRCUMSTANCES OF THE AREA.

J.P. Beveridge, Assoc.M.Inst.C.E., Waterworks Engineer and Manager.

The consumption of water in gallons per head, per day, during the years 1939, 1940, 1941, 1942 and 1943 is shown in the following figures:-

	1939.	1940.	1941.	1942.	1943.
For domestic purposes.	27.26	26.20	26.91	27.86	26.46
For trade purposes.	14.06	15.55	16.01	16.32	16.62
TOTAL:	41.32	41.75	42.92	44.18	43.08

The increase in 1939 of 6.31 gallons per head, per day, over the returns for 1938 is accounted for by the increased consumption in trade supplies, and to a certain extent to wastage due to bursts etc., which cannot now be detected by night inspection owing to the blackout. The figures for 1943 show a decrease of 1.4 gallons per head, per day, in domestic supply, and an increase of .3 gallons per head, per day, in trade supply on the consumption returns for 1942.

The quality of the water supplied has been satisfactory both from a chemical and bacteriological view point, although several complaints have been received as to the colour of the water.

Distribution mains have been treated by the "Eric" process as follows:-

20,000 lineal yards in 1939.	
14,556 " " " 1940.	
16,321 " " " 1941.	
15,922 " " " 1942.	
18,155 " " " 1943.	

This has dealt effectively with coloured water complaints, and has also increased the carrying capacity of the mains so treated. During the year 1939, 4353 lineal yards of 9" trunk mains and 9727 lineal yards of distribution mains were laid, since when no important extensions of mains have been carried out, but surplus water is now being conveyed from Messenden Valley to Blackmoorfoot Reservoir by means of a new 24" diameter pipe line completed in 1943. The quantity so conveyed is materially assisting the reservoir, which is, owing to the increase in trade demand, badly overdrawn.

In addition to Chemical Analyses, Bacteriological examinations of all supplies have been carried out by the Manager of the Sewage Works, and the results of the examination of samples collected from consumers' taps are as follows:-

Year.	No. of samples taken.	B.Coli in less than 50 c.c.	B.Coli present in 50 c.c.	B.Coli present in 100 c.c.	No B.Coli in 100 c.c.
1939.	199	None.	3	None.	196
1940.	182	None.	2	None.	180
1941.	182	1	None.	1	180
1942.	182	None.	2	1	179
1943.	183	None.	4	1	178

A chemical examination of the water is made every quarter and the following analyses show the results of these examinations:-

Results expressed in parts per 100,000.

Date.	Total solid matter dried at 212 F.	Loss on ignition.	Chlorine in chlorides.	Nitrogen in Nitrates.	Free Ammonia.	Albuminoid Ammonia.	Oxygen absorbed in 3 min.	Oxygen absorbed in 4 hrs.	Persistent hardness.	Temporary hardness.	Total hardness.
1939.											
March.	9.94	3.24	1.40	0.028	0.0086	0.0046	0.016	0.084	5.12	0.38	5.50
July.	9.06	3.26	1.60	0.028	0.0052	0.0018	nil	0.044	3.00	0.50	3.50
November.	8.54	2.72	1.45	0.036	0.0020	0.0020	0.018	0.040	3.75	0.25	4.00
December.	8.84	3.14	1.50	0.036	0.0072	0.0028	0.018	0.066	3.00	0.25	3.25
1940.											
March.	7.68	1.98	1.45	0.052	0.024	0.005	0.046	0.138	3.50	0.50	4.00
July.	9.68	2.76	1.4	0.056	0.018	0.009	0.090	0.252	4.00	0.75	4.75
November.	10.14	2.72	1.37	0.032	0.008	0.005	0.042	0.156	2.5	1.75	4.25
December.	9.40	3.20	1.45	0.020	0.012	0.004	0.046	0.140	3.00	0.50	3.50
1941.											
March.	9.40	2.80	1.40	0.036	0.012	0.004	0.048	0.146	3.50	0.50	4.00
July.	8.14	2.30	1.45	0.024	0.003	0.005	0.028	0.078	3.25	0.25	3.50
November.	9.30	3.00	1.57	0.032	0.008	0.007	0.04	0.134	3.00	0.50	3.50
December.	9.86	2.76	1.70	0.048	0.01	0.002	0.034	0.100	3.25	0.50	3.75
1942.											
March.	8.36	2.56	2.20	0.036	0.021	0.002	0.044	0.120	3.50	0.50	4.00
July.	8.80	2.34	1.80	0.056	trace	trace	0.014	0.020	3.00	1.00	4.00
November.	8.98	1.86	2.05	0.048	0.002	nil	0.032	0.096	2.88	0.87	3.75
December.	10.20	3.20	1.3	0.056	0.009	0.005	0.060	0.148	3.50	0.50	4.00
1943.											
March.	8.78	2.70	1.65	0.040	0.007	0.005	0.040	0.116	4.25	0.50	4.75
June.	10.84	2.94	1.60	0.04	nil	nil	0.012	0.046	3.63	2.12	5.75
October.	9.92	2.84	1.35	0.020	0.007	nil	0.072	0.186	4.12	0.38	4.50
December.	9.18	2.44	1.45	0.048	0.009	0.007	0.052	0.156	4.25	0.25	4.50

SEWERAGE:

W. Jaggar, M.Inst.C.E., Borough Engineer and Surveyor.

During the last five years the following extensions and reconstructions have been made to the sewerage system:-

Extensions:-

- (a) Corporation.
(b) Private.

Reconstructions.

1939.	1940.	1941.	1942.	1943.
4564	270	132	225	NIL.
725	NIL.	NIL.	NIL.	NIL.
1612	NIL.	284	20	NIL.

All the above figures being in lineal yards.

In addition to the above, a number of lengths of defective sewers have been reconstructed under Section 24 of the Public Health Act 1936.

STREET SCAVENGING:

Street Scavenging has received constant attention throughout the period, but owing to blackout conditions night scavenging has had to be suspended during the period of the War.

SEWAGE DISPOSAL:

H.H. Goldthorpe, D.Es., Sc.A.I.C., Sewage Works Manager.

There have been no important alterations to the Sewage Works during the years 1939 - 1943. The plans prepared in 1937 - 1938 for a considerable extension to the Works, and submitted to the Ministry of Health for loan sanction in May 1939, have been held up for the duration of the War. Since February 1942, the chemical trades wastes which have increased largely since the commencement of the War, have been given separate sedimentation after treatment with lime in the chemical precipitation tanks.

The by-product plant recovering grease and fertiliser from the domestic and textile sewages has been maintained at its maximum capacity.

RIVERS AND STREAMS:

The subject of rivers pollution is dealt with in the West Riding by a specially constituted Rivers Board, and no action has been taken during the period by the Local Authority.

PUBLIC CLEANSING:

H. Neayerson, Cleansing Superintendent.

The scheme for the conversion of tub closets to the water carriage system, commenced in the year 1925, still continues.

Under it, a grant of £10 is made for the conversion of tub closets. The scheme is being continued in the new areas, and eventually the conversions will be carried out in all cases where a sewer and water supply are available.

The number of conversions carried out during the years 1939, 1940, 1941, 1942 and 1943, were as follows:-

	1939.	1940.	1941.	1942.	1943.
Tub Closets converted.	7	NIL.	NIL.	NIL.	NIL.
Slop water closets converted.	3	NIL.	NIL.	NIL.	NIL.

The following Table shows the progress made during the last five years, and the numbers of closets, etc., of various types in use at the close of each year:-

	1939.	1940.	1941.	1942.	1943.
Number of clean water closets, including trough closets.	42,867	44,360	45,010	45,196	45,196
Number of waste water (slop) closets.	107	107	107	107	107
Number of tub closets.	507	494	493	493	493
Number of tubs in use.	521 ⁺	508 ⁺	507 ⁺	507 ⁺	507 ⁺
Number of ashpits in use.	12	12	12	12	12
Number of ashbins in use.	43,785	45,094	45,226	45,296	45,319
Number of existing privy middens.	188	177	162	155	155

+ This figure includes 76 which have been issued in place of privy middens where water or sewers are not available, and also 217 which were issued to new areas.

NOTE: In every case where a sufficient sewer and water supply is available, all new closets erected must be on the water carriage system, and be flushed with clean water.

Closet conversions during the period 1915 to 1943 carried out under Sanitary Notices.

Privies with fixed receptacles converted to clean water closets.	250
Privies with movable receptacles " " " " "	973
Slop water closets " " " " "	11

Methods of collection and disposal of refuse.

The container system of refuse collection, introduced in 1935, is still in operation, and proves highly satisfactory. The only alterations which have taken place in the system of refuse collection and disposal have been brought about because of the War. The Government has instructed Local Authorities to salvage from the refuse certain materials (paper, rags, rope, string, bones, kitchen waste, ferrous and non-ferrous metals) which can be used again for the manufacture of War materials. The taking away from the refuse of such combustible matter as paper, rags, etc., has had some effect on the amount of steam raised. This is shown, in the following table, to have dropped considerably since 1939, and even still more on referring to figures for 1938.

	1939.	1940.	1941.	1942.	1943.
Actual steam raised.	119,639,000 lbs.	96,203,000 lbs.	87,231,000 lbs.	63,670,000 lbs.	53,017,000 lbs.
Average Superheat.	595°F.	595°F.	595°F.	595°F.	595°F.
Total Weight of Clinker.	7,325 tons.	7,065 tons.	7,266 tons.	5,465 tons.	4,729 tons.
Total Weight of Dust.	3,187 tons.	2,174 tons.	2,083 tons.	2,900 tons.	2,711 tons.
Total Weight of Metal.	539 tons.	596 tons.	521 tons.	504 tons.	356 tons.

Collection of refuse has been dealt with as follows:

	1939.	1940.	1941.	1942.	1943.
Weight of refuse collected.	29,239 tons.	27,066 tons.	25,793 tons.	22,658 tons.	21,595 tons.
Refuse incinerated.	29,203 tons.	25,555 tons.	23,965 tons.	19,358 tons.	18,120 tons.
Number of dust bins collected.	2,300,048	2,170,923	1,625,005	1,366,704	1,175,623
Loads of refuse collected from Cess-pools.	45	42	42	28	42
Hidden privies emptied.	2,058	2,032	1,944	1,860	1,860

Cleansing of Cesspools.

These are emptied into a container cart by means of a pump, and the contents of the cart are discharged into a sewer.

SANITARY INSPECTION OF THE AREA.

E. Richardson, Chief Sanitary Inspector.

A list of the inspections and of other work carried out by the Sanitary Staff during the period is given in the following tabular statement:-

REMOVAL OF NUISANCES.

	1939.	1940.	1941.	1942.	1943.
Drains requiring Re-construction.	28	14	13	14	21
" " connecting with main sewer.	4	5	-	1	-
" not efficiently trapped.	1	1	1	5	5
" requiring Ventilation Shafts.	2	2	1	1	6
Defective Sink Pipes and Drains.	54	128	143	131	182
" Yard Drains.	89	95	92	159	157
" Cellar Drains.	8	13	19	20	22
" Eave and Fall Pipes.	16	70	98	42	54
" Roofing.	22	54	85	42	85
" Walling.	-	-	-	-	2
" Urinals.	11	2	1	-	2
" Stairs.	-	-	-	-	1
" Water Closets.	1449	175	95	151	106
" Wash Basin.	-	-	-	-	1
" Woodwork or Plaster round Sinks.	2	2	1	7	11
" Floors.	5	10	3	14	14
" Plaster.	14	24	52	53	64
" Doors.	-	-	-	1	-
Waste Pipes requiring Disconnecting.	-	4	12	5	2
Fall Pipes requiring Disconnecting.	2	3	4	5	3

CARRIED FORWARD: 1,707 602 620 651 738

REMOVAL OF NUISANCES. (Continued).

	1939.	1940.	1941.	1942.	1943.
BROUGHT FORWARD:	1,707	602	620	651	738
To provide Eave and Fall Pipes.	-	1	2	-	1
" Sinkstones in Houses.	8	13	10	18	15
Nuisances from want of Drains.	-	-	-	2	1
" Choked Sewers.	4	5	7	16	5
" Water in Cellar.	15	12	24	9	9
" Offensive Trade.	-	1	-	-	-
" Cess Pools.	1	1	1	-	1
" Street Gullies.	11	7	23	8	4
" Van Dwellings.	5	4	-	-	-
" Stagnant Water.	-	3	-	3	-
" Defective Surface of Yard.	4	8	3	3	7
" Smoke.	21	15	8	14	18
" Fumes.	-	-	1	-	-
" Poultry, Pigeons and Animals.	6	4	5	4	5
Shops requiring Ventilation.	-	-	-	2	-
" Washing.	1	-	-	2	-
Offensive Accumulations.	23	31	21	19	13
" Ashpits and Privies.	1	-	-	-	-
Closets requiring Lime Washing.	1	1	1	-	-
Dairies with Defective Wall Plaster.	-	-	2	1	2
Ashpits requiring proper doors and covering.	3	1	-	-	-
Closets requiring proper doors and covering.	1	-	1	-	-
Old Privies requiring alteration to tub or w.c. system.	13	-	-	-	-
Tub Closets requiring conversion to w.c. system.	17	1	-	-	-
Tipler closets requiring conversion to w.c. system.	-	1	1	-	-
Tub Closets requiring repairing.	-	-	-	-	1
Insufficient Closet Accommodation.	22	16	7	6	5
Houses requiring Cleansing.	8	4	21	10	22
" Ventilation.	9	22	38	30	47
" Damp.	16	30	22	17	36
" Requiring Water Supply.	-	12	1	13	-
Dairies requiring Paving.	3	-	6	2	1
" Equipment.	2	-	-	-	-
Cowsheds with defective Walls.	-	-	-	2	1
" requiring Draining.	2	6	8	4	-
" Lighting.	2	4	3	2	-
" Paving.	11	7	14	10	-
" Ventilation.	2	4	3	2	-
New Dairies Required.	-	2	-	1	-
Bakehouse requiring Lime Washing or Cleansing.	1	2	1	4	1
Foodstore requiring Lime Washing or Cleansing.	-	-	-	1	1
Factories requiring Fire Escape.	29	5	16	28	-
Common Lodging House requiring Fire Escape.	1	-	-	-	-
TOTAL:	1,950	825	870	884	936

SUMMARY.

	1939.	1940.	1941.	1942.	1943.
No. of Premises where Notifiable Diseases have occurred.	679	3224	2103	3242	2141
" Inspected do. do.	519	3073	1935	3036	1933
" Disinfected do. do.	318	371	324	335	913
" Flushed do. do.	104	120	93	136	153
" Visited searching for Fever.	514	607	631	637	1142
No. of re-visits where cases are isolated home.	64	48	36	86	93
" houses visited for Zymotic or other particulars.	244	307	313	324	485
Total number of visits to infected houses.	1140	1333	1304	1382	2633
Cases removed to Hospital.	435	505	665	866	1157
No. of Articles disinfected.	7011	9373	14804	16986	15472
No. of visits in deaths from Phthisis.	48	60	61	55	59
No. of visits in deaths Under One.	-	-	-	-	-
No. of premises flushed by request of owners (paid for).	554	638	566	675	446
Other premises, yards or courts flushed.	243	467	272	373	413
Drains found choked by Flushers.	596	903	716	737	767
Drains made clear.	541	854	626	595	666
Nuisances reported to Public Health Department.	313	510	635	506	555
Nuisances inspected.	313	510	635	506	555

	1939.	1940.	1941.	1942.	1943.
Inspection of premises where nuisances are found.	653	599	610	606	685
" " " where no nuisances are found.	856	1131	1876	1583	1823
" " " where offensive trades are conducted.	81	131	101	68	46
" Restaurant Kitchens.	13	-	43	33	82
" Premises under Food and Drugs Act 1938.	-	-	131	1113	376
" Houses let in Lodgings.	2	2	17	69	146
" Common Lodging Houses.	24	42	87	37	44
" Factories (Mechanical).	2085	550	98	404	130
" Factories (Non-Mechanical).	-	17	65	14	17
" Work Places.	-	-	1	-	-
" Lofts to Dwellinghouses.	-	52	-	-	8
" Schools.	5	14	19	4	1
" Slaughter Houses.	1019	998	1099	963	1052
" Canal Boats.	18	71	46	55	54
" Dairies and Milkshops.	48	44	34	22	23
" Cowsheds.	733	655	924	1095	744
" Bakehouses.	413	500	351	392	435
" Markets and Shops.	1549	1857	1519	1170	963
" Under Merchandise Marks Acts.	611	719	621	384	173
" Van Dwellings.	192	146	37	101	95
Re-visits to work in progress.	693	739	744	845	1004
Visits to property under notice.	4111	3608	3431	3630	4796
Total number of Inspections of Premises.	13106	12175	11854	12588	12697
Number of Entries in Report Book.	598	554	542	585	646
Preliminary Notices to Owners.	101	164	179	168	267
No. of Legal Notices issued for abatement or abolition of Nuisances.	206	60	43	63	97
Owners seen personally.	782	657	566	760	646
Summonses taken out.	-	-	1	-	-
Sections of New Drains tested.	36	14	6	15	21
do. and satisfactory at First Test.	36	14	6	15	21
Old Drains tested.	91	98	103	108	116
do. and found sound.	20	28	41	40	47
do. and found defective.	71	70	62	68	69
Smoke observations taken.	520	246	-	-	30
Number of visits under Food and Drugs Acts.	550	490	450	517	529
Food and Drugs - Samples purchased.	367	337	290	343	343
" " " " adulterated.	18	24	21	19	3
Water Samples taken for Analysis.	2	-	1	2	1
" " " " polluted.	-	-	1	-	1
Milk Samples for Bacteriological Examination.	321	262	268	299	384
Water " " " " " "	15	5	34	2	-

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS AND REGULATIONS.

1. Houses let in Lodgings:

This class of house is subject to inspection and registration under Regulations contained in the Huddersfield Improvement Act, 1871.

The short tabular statement, given below, shows the number of houses let in Lodgings on the Register:-

Houses Let in Lodgings on Register, January 1st 1939.	32
Houses removed from the Register during the years - 1939, 1940, 1941, 1942 and 1943.	16
Houses added to the Register during the years - 1939, 1940, 1941, 1942 and 1943.	24
Nett increase on the Register on December 31st 1943.	9
Houses remaining on the Register on December 31st 1943.	40

Of the above houses, all except 4 are in the Central District of the Borough.

The 40 houses afford accommodation for 623 Lodgers in 238 rooms, giving an average of 2.66 persons per room.

2. Offensive Trades:

The number of Premises on the Register of Offensive Trades is 9, in which the following trades are carried on:-

Soap Boiling.	1
Tripe Boiling.	6
Fat Melting.	7
Bone Boiling.	1
Gut Scraping.	2

The numbers of inspections made during the years 1939, 1940, 1941, 1942 and 1943 were 81, 131, 101, 68 and 46 respectively. The whole of the premises are kept in compliance with the Bye-Laws, and no contravention was discovered.

FACTORIES ACT, 1937.

1. INSPECTIONS:

Premises.	No. of Inspections.					No. of Written Notices sent.				
	1939.	1940.	1941.	1942.	1943.	1939.	1940.	1941.	1942.	1943.
Factories (with mechanical power).	2085	550	98	402	130	191	35	15	25	9
Factories (without mechanical power).	431	517	416	406	17	-	-	1	6	2
TOTAL:	2498	1067	514	808	147	191	35	16	31	11

3. DEFECTS FOUND:

Particulars.	Number of Defects found.					Number of Defects remedied.				
	1939.	1940.	1941.	1942.	1943.	1939.	1940.	1941.	1942.	1943.
Want of Cleanliness (S.1).	-	1	-	-	1	-	1	-	-	1
Overcrowding (S.2).	-	-	-	-	-	-	-	-	-	-
Unreasonable temperature (S.3).	-	-	-	-	-	-	-	-	-	-
Inadequate ventilation (S.4).	-	-	-	-	-	-	-	-	-	-
Drainage of floors (S.6).	-	-	-	1	1	-	-	-	1	1
Sanitary convenience (S.7):-										
Insufficient.	12	4	2	7	-	4	4	2	7	-
Unsuitable or defective.	1482	109	15	60	3	1323	64	15	59	3
Not separate for sexes.	-	2	-	-	1	-	2	-	-	1
Other offences.	57	35	21	31	10	54	32	12	15	10
TOTAL:	1551	151	38	99	16	1381	103	29	82	16

3. HOME-WORK (1939 - 1943):

Class.	Number of Lists.	Number of Outworkers.	
		Contractors.	Workmen.
List of Outworkers (S.110):-			
List received from Employers twice per year.	3	-	300
List received from Employers once per year.	4	-	29
Prosecutions.		-	
		Wearing apparel.	Other.
Outwork in unwholesome premises (S.111). Cases of Infectious Diseases notified in home workers premises. Orders prohibiting home work in infected premises (S.111).	NIL.	NIL.	

4. CLASSIFIED LIST OF NON-MECHANICAL FACTORIES: (Remaining on List at 31st December 1943).

1. Dress and Mantle makers and Milliners, Tailors, Waterproof manufacturers etc.	86
2. Boot and Shoe-makers, cloggers, saddlers and Curriers.	56
3. Black shoeing, Tin and White Smiths; Cycle repairers etc.	50
4. Joiners, Cabinet makers, Wood carvers, Picture framers and gilders.	27
5. Plumbers, Painters, and French Polishers.	49
6. Coopers, Carriage builders and Wheelwrights.	8
7. Watchmakers, Jewellers, Engravers and Electrical Engineers.	10
8. Rug Makers and Rag and Wool Sorters.	6
9. Upholsterers, Basket and Brush Makers.	18
10. Hosiery knitters, Shirt-makers and Laundries.	5
11. Monumental Sculptors.	6
12. Organ builders, Piano repairers, etc.	1
13. Tripe Dressers.	4
14. Bakehouses.	125
15. Manufacturing Chemists, Mattress, Corset, Blind and Wagon cover makers, Wire workers, Tea-packers, Teazle trimmers, Rope-makers, Tallow chandlers, etc.	46
TOTAL:	497

5. OTHER MATTERS:

	1939.	1940.	1941.	1942.	1943.
Matters notified to H.M. Inspector of Factories:-					
Failure to affix Abstract of the Factories Act (S.114.1937).	-	-	-	-	-
Action taken in matters (Notified by H.M. referred by H.M. Inspector (Inspector.	29	14	1	7	10
as remediable under (Reports of action taken Factories Act. (sent to H.M. Inspector.	29	14	1	7	10
Other.	-	-	-	-	-
Underground Bakehouses (S.54):-					
Certificates granted during the year.	-	-	-	-	-
In use at the end of the year.	3	3	3	3	2

CANAL BOATS - 1939, 1940, 1941, 1942 and 1943.HUDDERSFIELD REGISTRATION DISTRICT.

(1) Arrangements made for the inspection of boats, the name, address, and remuneration of the Inspector.

Ernest Richardson, Public Health Department, Huddersfield, was appointed Inspector of Canal Boats on the 10th day of October 1917, and the remuneration for the work is included in his salary as Sanitary Inspector.

(2) The number of boats inspected during 1939, 1940, 1941, 1942 and 1943, was 71, and of inspections 238.

The 14 boats were made up of fly boats, being all broad fly boats. The place of registry in 13 cases was Goole and in 1 case Wakefield. All the boats inspected were found in good condition and conforming to the Acts and Regulations, and the occupants of all the boats were in good health.

(3) Infringement of the Acts and Regulations with respect to the following matters:-

(a) Registration.	None.
(b) Notification of change of master.	None.
(c) Masters without Certificates.	None.
(d) Marking.	None.
(e) Overcrowding.	None.
(f) Separation of Sexes.	None required.
(g) Cleanliness.	None.
(h) Ventilation.	Nothing to complain about.
(i) Painting.	None.
(j) Provision of Water casks.	All boats provided.
(k) Removal of Bilge Water.	This work received regular attention.
(l) Notification of Infectious Diseases.	None.
(m) Admittances of Inspectors.	No difficulty experienced.

(4) Legal Proceedings taken. None.

(5) Any other steps taken to secure compliance with the Acts and Regulations. None.

Matters of cleanliness of minor moment have received prompt attention at the instigation of the Inspector.

(6) Infectious Diseases. None.

(7) Detention of boats. None.

(8) (a) Number of boats on the Register. Ten.
Number of boats in use or available. Ten.
Propelled by Motor. One.

(b) Number of boats that cannot be traced. None.

(9) Numbers registered during 1939, 1940, 1941, 1942 and 1943. None.

CANAL BOATS.

Summary Appendix to the Annual Report of the Canal Boats Inspector for the years 1939, 1940, 1941, 1942, 1943.

	1939.	1940.	1941.	1942.	1943.
Number of boats inspected.	12	15	15	15	14
Made up of - Broad Boats.	-	-	-	-	-
Broad Fly Boats.	12	15	15	15	14
Narrow Boats.	-	-	-	-	-
Narrow Fly Boats.	-	-	-	-	-
Registered Accommodation:					
Aft Cabin.	41)	52½)	49)	49)	45½)
Centre Cabin.	-) 76½	-) 101½	-) 93	-) 91½	-) 83
Fore Cabin.	35½)	49)	44)	42½)	37½)
Population found on board.					
Adults.	28) 28½	38) 38½	34) 34½	32) 32	29) 29
Children.	1)	1)	1)	-)	-)
Children under school age.	1	1	None.	None.	None.
Number of children of school age.	None.	None.	1	None.	None.
Number of days on which inspections have been made.	16	38	22	38	38
Number of boats conforming to Acts and Regulations.	12	15	15	15	14
Number of inspections made.	22	67	44	51	54
Number of boats with one or more infringements.	None.	None.	None.	None.	None.
Number of infringements met with.	None.	None.	None.	None.	None.
Number remedied.	None.	None.	None.	None.	None.
Number dealt with by Magistrates.	None.	None.	None.	None.	None.
Number still under Notice, December 31st.	None.	None.	None.	None.	None.
Number service affected.	None.	None.	None.	None.	None.

SHOPS ACT, 1934.

The following tabular statement summarises the action taken under the above Act during the years 1939, 1940, 1941, 1942 and 1943.

Nature of Defect.	Defects found.					Defects remedied.				
	1939.	1940.	1941.	1942.	1943.	1939.	1940.	1941.	1942.	1943.
Accumulation of refuse.	1	-	4	1	2	1	-	4	1	2
Choked and defective drains.	4	6	3	4	9	4	6	3	4	9
Defective W.C.s.	-	4	1	1	8	-	3	1	1	6
Dirty W.C.s.	-	1	-	-	2	-	1	-	-	2
Insufficient W.C.s.	-	3	1	-	-	-	3	1	-	-
Defective Floors.	-	1	-	-	2	-	1	-	-	2
Defective fall-pipes and waste-pipes.	-	3	2	1	2	-	3	2	1	2
	5	18	11	7	25	5	17	11	7	23

SMOKE ABATEMENT, 1939, 1940, and 1943.

MONTH.	Number of Observations taken.			Number showing no black smoke.			Number showing black smoke.			No. of cases in which the permitted time of 2 minutes was exceeded.			Total Minutes of Black Smoke emitted.			Average number of minutes of black smoke emitted from Chimneys per half-hour.		
	1939	1940	1943	1939	1940	1943	1939	1940	1943	1939	1940	1943	1939	1940	1943	1939	1940	1943
January.	25	42	-	17	21	-	8	21	-	1	1	-	10	27½	-	1.25	1.309	-
February.	37	36	-	29	24	-	8	14	-	1	-	-	10	14½	-	1.25	1.018	-
March.	46	27	-	33	17	-	13	10	-	-	1	-	13	41½	-	1.0	4.125	-
April.	27	46	-	19	25	-	8	21	-	-	2	-	7	41½	-	.875	1.964	-
May.	67	63	-	46	50	-	21	13	-	1	3	-	28½	28½	-	1.357	2.192	-
June.	30	35	-	19	27	-	11	8	-	1	-	-	12	8	-	1.090	1.000	-
July.	57	-	-	42	-	-	15	-	-	-	-	-	16½	-	-	1.1	-	-
August.	54	-	-	36	-	-	18	-	-	4	-	-	36½	-	-	2.027	-	-
September.	38	-	-	26	-	-	12	-	-	1	-	-	23	-	-	1.916	-	-
October.	48	-	1	30	-	1	18	-	-	4	-	-	61½	-	-	3.403	-	-
November.	48	-	11	27	-	7	21	-	4	4	-	-	80½	-	4	3.845	-	1.000
December.	55	-	20	29	-	16	26	-	4	4	-	-	44½	-	1½	1.721	-	.437
TOTALS:	532	251	32	353	164	24	179	87	8	21	7	-	343½	160½	5½	1.917	1.948	.718

The Bye-Law limits the period of black smoke to two minutes per half-hour.

In the Home Security Circular No. 139/1940, Local Authorities were asked to arrange for all industrial works in their areas to produce extra smoke as a measure of protection against air attack. Subsequently no smoke observations were taken during the period from June 1940 until Home Security Circular No. 164/43 was issued.

PUBLIC BATHS IN THE BOROUGH.

A.W. Toalster, M.N.A.B.S., Superintendent of Baths.

Cambridge Road Baths:-

A modern building; the equipment includes two swimming pools, twenty-three slipper baths, with a medical baths' department containing foam baths, &c., and artificial sunlight apparatus.

Ramsden Street Baths:-

One swimming pool, which is used during school hours by the Education Committee for the teaching of swimming to school children. After school hours the bath is open to the public.

Lockwood Baths:-

This has now been converted to a Gas Cleansing Station for the General Public.

New Street, Milnsbridge:-

The bath at this school is used by school children and Youth Organisations. It has no filtration plant, but is kept at a satisfactory standard of cleanliness by frequent refilling with clean water.

There are no privately owned swimming baths or pools open to the Public.

ERADICATION OF BED BUGS.

	1939.	1940.	1941.	1942.	1943.
Number of Council houses found to be infested.	18	14	30	60	58
Number of Council houses disinfested.	18	14	30	87	51
Number of other houses found to be infested.	14	6	5	37	15
Number of houses treated by a contractor with Liquid H.C.N. Gas.					
(a) Privately owned.	5	None.	4	22	21
(b) Corporation houses.	None.	None.	None.	142 ⁺	36 ⁺

+ This figure includes the houses adjoining bug infested houses also treated.

In 1940 some of the Corporation houses, where slum clearance families had been re-housed, were found to be bug-infested, in spite of the precautions taken in treating the furniture of these tenants with Liquid H.C.N. Gas on removal, and it was felt that there might be many other cases which had not been found, as most of these discoveries had been made on changes of tenancy or from complaints from the tenants of adjoining houses.

Some systematic inspection and supervision of all Corporation houses was thought to be desirable, and further, as some of the houses which had previously been found to be infested and had been fumigated with sulphur candles and/or sprayed with an insecticide, had been re-infested, it was decided to have all the bug-infested houses, where possible, fumigated with Liquid H.C.N. Gas.

In January 1942, Mr. George Tong was appointed as Corporation House Inspector for the purpose of supervising the arrangements of such fumigations, the systematic inspection of all Corporation Housing Estates for cleanliness and vermin, and the inspection of the furniture of all ingoing tenants, prior to removal, so that, if necessary, the furniture could be fumigated before being taken into a Corporation house.

All privately owned houses found on these inspections to be bug-infested, are dealt with under the Public Health Act, 1936.

Temporary accommodation is provided for the families of the tenants, for 24 hours, during the fumigation of their houses.

HOUSING:

HOUSES ERECTED BY THE CORPORATION SINCE 1914.					
1914 to 1938.	1939.	1940.	1941.	1942.	1943.
4621	638	90	None.	None.	None.

HOUSING ACTS, 1930 - 1936.

Accommodation Provided for Rehousing Persons Displaced from
Clearance Areas, Improvement Areas, and Individual Unfit Houses.

Housing Estate.	Type of House.				Total.
	4 Bedrooms.	3 Bedrooms.	2 Bedrooms.	1 Bedroom Maisonette.	
Diamond Street, Hillhouse.	4	15	12	-	32
St. Andrew's Road, Hillhouse.	-	10	10	-	20
Cross Lane, Newsome.	8	16	76	15	115
Alder Street, Fartown.	10	30	136	-	176
Deighton to Sheepridge.	52	100	280	72	504
Whitacre Close, Deighton.	8	10	36	-	54
Dryclough Road, Crosland Moor.	60	100	154	-	314
Fanny Moor Lane.	30	20	108	-	158
Brackenhall.	122	142	575	-	839
TOTAL:	294	444	1387	87	2212

HOUSING CONDITIONS - STATISTICS:

	Year ending 31st December,				
	1939.	1940.	1941.	1942.	1943.
(1) Estimated Population.	OMITTED FOR REASONS OF SECURITY.				
(2) General Death-rate.	14.06	15.70	15.24	14.01	14.93
(3) Death-rate from Tuberculosis.	0.60	0.53	0.60	0.52	0.63
(4) Infantile Mortality.	72	74	80	86	51
(5) Number of dwelling-houses of all classes.	41,676	41,960	41,876	41,820	41,813
(6) Number of working-class dwelling-houses (including 3115 working-class dwelling-houses in added areas).	35,266	35,518	35,424	35,368	35,361
(7) Number of new working-class houses erected.	963	544	None.	None.	None.
Number of New Houses erected during the Year:- Total -					
(i) By the Local Authority.	638	90	None.	None.	None.
(ii) By other bodies and persons.	352	486	None.	None.	1
1. Inspection of Dwelling-houses during the Year:-					
(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts).	589	14	4	None.	None.
(b) Number of inspections made for the purpose.	589	14	4	None.	None.
(2) (a) Number of dwelling-houses (included under subhead (1) above, which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932.	589	14	4	None.	None.
(b) Number of inspections made for the purpose.	589	14	4	None.	None.
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	589	14	4	None.	None.
(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.	None.	10	None.	None.	None.
2. 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.	None.	None.	None.	None.	None.

HOUSING CONDITIONS - STATISTICS (Cont'd).

	Year Ending 31st December,				
	1939.	1940.	1941.	1942.	1943.
3. 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.	None.	None.	None.	None.	None.
(2) Number of dwelling-houses which were rendered fit after service of formal notices:-					
(a) By owners.	None.	None.	None.	None.	None.
(b) By Local Authority in default of owners.	None.	None.	None.	None.	None.
B - Proceedings under Public Health Acts:-					
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.	None.	None.	None.	None.	None.
(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-					
(a) By owners.	None.	None.	None.	None.	None.
(b) By Local Authority in default of owners.	None.	None.	None.	None.	None.
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.	245	None.	None.	None.	None.
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders.	84	83	17	18	3
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.	35	None.	None.	None.	None.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit.	None.	None.	None.	1	None.
4. Housing Act, 1936, Part IV - Overcrowding.					
(a) (1) No. of dwellings known to be overcrowded at the end of the Year.	309	283	217	148	103
(2) No. of families dwelling therein.	319	291	223	154	108
(3) No. of persons dwelling therein.	1859	1695	1308	893	658
(b) No. of new cases of overcrowding reported and discovered during the Year.	108	10	8	13	25
(c) No. of cases of overcrowding relieved during the Year.	462	36	74	82	70
No. of persons concerned in such cases.	2634	220	435	489	386

DETAILS OF CLEARANCE AREAS REPRESENTED:

Name of Area.	No. of Area.	No. of Houses in Area.		No. of persons to be displaced.
		As represented.	As confirmed.	
Clearance Areas Represented. Confirmed prior to January 1st 1939.	1 to 50	1245	1195	3908
Borough Extension. Wood Street.	-	3	3	9
Clearance Areas Represented. Confirmed after January 1st 1939.				
Deighton Road, No. 1.	51	14	12	30
Deighton Road, No. 2.	52	9	9	25
Deighton Road, No. 3.	53	4	4	5
Deighton Road, No. 4.	54	2	2	7
Deighton Road, No. 5.	55	2	2	5
Deighton Road, No. 6.	56	16	16	59
Cherry Nook Road.	57	6	6	23
Hillhouse Lane.	58	4	4	12
C/FORWARD:		1305	1253	4083

DETAILS OF CLEARANCE AREAS REPRESENTED (Cont'd):

Name of Area.	No. of Area.	No. of Houses in Area.		No. of persons to be displaced.
		As represented.	As confirmed.	
B/FORWARD:		1305	1253	4083
Park Road West.	59	8	8	26
Off Park Road West.	60	7	7	21
Clough Lane.	61	6	6	10
Smith's Row, Paddock.	62	13	13	39
Upper Brow Road, No. 1.	63	9	9	31
Upper Brow Road, No. 2.	64	11	11	24
Upper Brow Road, No. 3.	65	9	9	27
Hettleton Road.	66	10	10	33
Silver Street West.	67	17	17	53
Chapel Hill.	68	16	16	58
Outcote Bank, No. 1.	69	19	19	47
Outcote Bank, No. 2.	70	17	17	48
<u>Clearance Areas Represented but where further action has been postponed.</u>				
Victoria Road.	71	41	-	134
Rashcliffe Hill Road, No. 2.	72	2	-	5
Lockwood Road.	73	26	-	83
Victoria Street, Lockwood, No. 1.	74	3	-	8
Victoria Street, Lockwood, No. 2.	75	4	-	12
Lockwood Scar, No. 2.	76	27	-	88
Lockwood Scar, No. 3.	77	4	-	15
Lockwood Scar, No. 4.	78	10	-	34
Albert Street, Lockwood.	79	6	-	19
Water Street, Lockwood.	80	6	-	18
Longhill, Sheepridge.	81	5	-	15
Old Fieldhouse.	82	4	-	16
Halifax Old Road.	83	11	-	20
Spaines Road.	84	2	-	6
Croft Cottage Lane.	85	4	-	14
Lowergate.	86	8	-	16
TOTALS:		1610	1395	5003

Compulsory Purchase Orders were made in respect of Areas numbered 5, 6, 7, 8, 14, 15, 17, 18, and 46. These Orders include the following property as lands adjoining the Area:-

No. of Houses.	Total Number of Houses Vacated.					Total Number of Houses Demolished.				
	1939.	1940.	1941.	1942.	1943.	1939.	1940.	1941.	1942.	1943.
145	144	145	145	145	145	124	130	133	136	138

HOUSING ACTS, 1930 - 1936:-

Total Number of Persons Displaced.	To 31st December.				
	1939.	1940.	1941.	1942.	1943.
From Clearance Areas.	4663	5014	5028	5038	5045
From Improvement Areas.	981	988	993	995	995
From Individual Unfit Houses.	1935	2042	2047	2050	2053
TOTALS:	7579	8044	8068	8083	8093

PROGRESS OF SLUH CLEARANCE PROGRAMME:

Area No.	Date of Representation.	Date of Order.	Date of Enquiry.	Date of Confirmation.	Total Number of Houses Vacated.					Total Number of Houses Demolished.				
					1939	1940	1941	1942	1943	1939	1940	1941	1942	1943
1 to 50	-	-	-	-	1165	1174	1178	1180	1181	740	877	944	977	982
Borough Extension.														
51	29-7-38	9-11-38	15-2-39	27-4-39	3	3	3	3	3	-	-	-	-	-
52	29-7-38	9-11-38	15-2-39	27-4-39	11	11	12	12	12	5	5	5	5	5
53	29-7-38	9-11-38	No enquiry.	27-4-39	8	8	9	9	9	-	-	-	-	-
54	14-10-38	7-12-38	15-2-39	27-4-39	4	4	4	4	4	-	-	-	-	-
55	14-10-38	7-12-38	No enquiry.	27-4-39	1	2	2	2	2	-	-	-	-	-
56	14-10-38	7-12-38	15-2-39	27-4-39	2	2	2	2	2	-	-	-	-	-
57	14-10-38	7-12-38	No enquiry.	27-4-39	16	16	16	16	16	-	-	-	-	-
58	11-11-38	4-1-39	16-5-39	10-8-39	6	6	6	6	6	-	1	1	6	6
59	11-11-38	4-1-39	16-5-39	10-8-39	3	3	3	3	3	-	-	-	-	-
60	11-11-38	4-1-39	No enquiry.	18-7-39	6	7	8	8	8	-	-	-	-	-
61	13-1-39	1-3-39	16-5-39	10-8-39	1	1	1	2	2	-	-	-	-	-
62	13-1-39	1-3-39	16-5-39	10-8-39	4	4	5	5	6	-	-	-	-	-
63	14-2-39	5-4-39	11-7-39	10-1-40	12	13	13	13	13	-	-	-	-	-
64	14-2-39	5-4-39	11-7-39	10-1-40	-	9	9	9	9	-	-	-	-	-
65	14-2-39	5-4-39	11-7-39	10-1-40	-	7	7	8	8	-	-	-	-	-
66	14-2-39	5-4-39	11-7-39	10-1-40	-	8	8	8	8	-	-	-	-	-
67	14-2-39	5-4-39	11-7-39	10-1-40	-	10	10	10	10	-	-	-	-	-
68	24-2-39	3-5-39	11-7-39	10-1-40	-	17	17	17	17	-	-	-	-	-
69	24-2-39	3-5-39	11-7-39	10-1-40	-	15	15	15	15	-	-	-	-	-
70	24-2-39	3-5-39	11-7-39	10-1-40	-	10	12	14	14	-	-	-	-	-
71	31-3-39	7-6-39			-	14	15	15	16	-	-	-	-	-
72	31-3-39	7-6-39												
73	31-3-39	7-6-39												
74	31-3-39	7-6-39												
75	31-3-39	7-6-39												
76	12-4-39	7-6-39												
77	12-4-39	7-6-39												
78	12-4-39	7-6-39												
79	28-4-39	5-7-39												
80	28-4-39	5-7-39												
81	28-4-39	5-7-39												
82	5-6-39	2-8-39												
83	5-6-39	2-8-39												
84	12-7-39													
85	12-7-39													
86	24-7-39													
TOTALS:					1242	1344	1355	1361	1364	745	883	950	988	993

SCHOOLS:

The Sanitary condition of the schools and the action taken with regard to the prevention of the spread of infectious diseases has already been reported upon in the School Medical Reports for the years under review.

RAG FLOCK ACTS, 1911 and 1928:

There are now no premises dealing with rag flock, and so it was not found necessary to take any action under the Acts during the years under review.

BACTERIOLOGICAL EXAMINATION OF MILK:

Years - 1939, 1940, 1941, 1942 and 1943.

RAW MILK.

Produced in the Borough:

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Year.	Total No. of Samples.	Satisfactory.	Percentage.	Total.	Percentage.	Methylene Blue Test.	Percentage.	Presence of B. Coli in .01 c.c.	Percentage.	Both Methylene Blue & B. Coli.	Percentage.
1939.	106	77	72.643	29	26.434	4	3.773	25	22.641	-	-
1940.	101	80	79.208	21	20.792	5	4.950	14	13.861	2	1.980
1941.	89	63	70.786	26	29.213	4	4.494	12	13.483	10	11.235
1942.	114	82	71.929	32	28.070	1	0.879	29	25.438	2	1.754
1943.	114	85	74.561	29	25.438	2	1.754	24	21.052	3	2.631

Produced out of the Borough:

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
1939.	114	84	73.684	30	26.921	14	12.280	16	14.035	-	-
1940.	88	69	78.409	19	21.591	2	2.272	5	5.682	12	13.636
1941.	108	64	59.259	44	40.747	10	9.259	26	24.074	8	7.407
1942.	127	70	55.118	57	44.881	2	1.575	45	35.433	10	7.374
1943.	156	101	64.743	55	35.237	-	-	46	29.423	9	5.769

MILK (SPECIAL) DESIGNATIONS ORDERS: TUBERCULIN TESTED & ACCREDITED MILKS.

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
1939.	107	96	89.719	11	10.373	-	-	11	10.373	-	-
1940.	77	64	83.117	13	16.883	3	3.896	6	7.792	4	5.195
1941.	56	48	85.714	8	14.285	1	1.785	7	12.500	-	-
1942.	68	54	79.412	14	20.587	-	-	9	13.238	5	7.352
1943.	74	56	75.675	18	24.324	-	-	16	21.621	2	2.700

PASTEURISED MILK:

Year.	Total No. of Samples.	Satisfactory.	Percentage.	Unsatisfactory.							
				Total.	Percentage.	Count exceeding 100,000	Percentage.	Presence of B. Coli.	Percentage.	Both Count & B. Coli.	Percentage.
1939.	5	4	80.000	1	20.000	1	20.000	-	-	-	-
1940.	7	2	28.571	5	71.429	5	71.429	-	-	-	-
1941.	3	1	33.333	2	66.666	1	33.333	1	33.333	-	-
1942.	77	33	42.857	44	57.142	4	5.194	15	19.488	25	32.467
1943.	56	29	51.785	27	48.215	14	25.000	6	10.715	7	12.500

EXAMINATION FOR TUBERCLE BACILLI:

Year.	No. of Samples.	No. in which T.B. found.	Percentage.	Produced in Borough.			Produced out of Borough.		
				No.	No. in which T.B. found.	Percentage.	No.	No. in which T.B. found.	Percentage.
1939.	223	17	7.623	119	6	5.042	104	11	8.858
1940.	184	4	2.174	101	4	3.960	83	-	-
1941.	168	1	0.568	108	1	0.925	60	-	-
1942.	199	11	5.525	118	5	4.238	81	6	7.474
1943.	195	3	1.538	106	-	-	89	3	3.368

MEAT INSPECTION.

There are eleven private Slaughterhouses (one of which is for Horseflesh only), and one Knackers Yard in the Borough.

Until the 16th January 1940, all were licensed, but on that date all slaughtering at the private Slaughterhouses (except at the one place licensed for Horseflesh only) ceased on account of the centralisation of slaughtering at the Public Abattoir, under the Meat and Livestock Control Order 1940.

There has been constant supervision during hours of slaughter. The following tables show the numbers of animals slaughtered, and the numbers found unsound during the years 1939 to 1943, together with the percentage of animals found diseased.

Year.	No. killed and inspected.	All Diseases except Tuberculosis.			Tuberculosis only.		
		Whole Carcases condemned.	Carcases of which part or organ was condemned.	Percentage.	Whole Carcases condemned.	Carcases of which part or organ was condemned.	Percentage.
		1.	2.	3.	1.	2.	3.
			<u>Cattle (excluding Cows).</u>				
1939.	6910	NIL.	273	3.95	27	284	4.5
1940.	6656	3	497	7.51	29	684	10.7
1941.	4587	NIL.	243	5.3	25	453	10.4
1942.	3619	4	147	4.17	13	489	13.87
1943.	4182	1	106	2.55	21	272	7.006
			<u>Cows.</u>				
1939.	520	3	12	2.88	15	60	14.4
1940.	2099	20	137	7.48	41	949	47.1
1941.	2757	11	264	9.97	118	1282	50.7
1942.	2497	20	259	11.17	120	1192	52.2
1943.	2394	16	147	6.80	107	972	45.11
			<u>Calves.</u>				
1939.	777	3	NIL.	0.38	3	1	0.51
1940.	1973	41	1	2.13	1	1	0.101
1941.	2522	27	3	1.19	2	9	0.43
1942.	3970	22	3	0.63	6	9	0.38
1943.	4413	9	2	0.249	4	8	0.274
			<u>Sheep.</u>				
1939.	25,105	18	126	0.57	NIL.	NIL.	NIL.
1940.	43,757	49	1507	3.55	3	1	0.009
1941.	21,721	50	863	4.2	3	NIL.	0.013
1942.	24,366	28	676	2.9	1	NIL.	0.004
1943.	19,415	8	540	2.80	-	1	0.005
			<u>Pigs.</u>				
1939.	10,686	11	73	0.78	34	1043	10.08
1940.	12,403	28	83	0.89	37	1021	8.53
1941.	7,900	16	45	0.77	14	420	5.49
1942.	3,716	9	17	0.69	3	157	4.3
1943.	3,888	6	12	0.462	14	176	4.77

TUBERCULOSIS ORDER, 1938.

	1939.	1940.	1941.	1942.	1943.
Number of Cows slaughtered.	7	6	6	14	16
Number wholly condemned.	7	4	4	10	11
Number partly condemned.	NIL.	NIL.	1	NIL.	NIL.
Number where offals only condemned.	NIL.	2	1	4	5
Weight of condemned carcasses (lbs.).	3723	2007	1598	4442	4446

The big increase in the incidence of Tuberculosis in Cattle (from 4.5% in 1939 to 13.87% in 1942), and in Cows (from 14.4% in 1939 to 52.2% in 1942) would appear to be due to the lower grade of Cattle and the much lower grade of Cows which have been slaughtered in the Public Abattoir since the commencement of centralisation of slaughter under the Ministry of Food's Meat and Livestock Control Order in January 1940.

The year 1943, however, has seen a noteworthy improvement in the case of Cattle, the percentage having been reduced from 13.87% to 7.006%.

The reduction in the amount of surplus milk and skimmed milk available for use by pig feeders during recent years, suggests a reason for the decrease (from 10.08% in 1939 to 4.3% in 1942) in the incidence of Tuberculosis in Pigs.

The total weights of unsound or unwholesome meat and offals are as follows:-

	1939.	1940.	1941.	1942.	1943.
Beef.	33,544 lbs.	55,563 lbs.	76,440 lbs.	73,468 lbs.	67,338 lbs.
Mutton.	1,040 "	2,389 "	2,353 "	1,186 "	389 "
Pork.	13,223 "	17,519 "	6,280 "	2,643 "	4,883 "
Veal.	272 "	1,297 "	812 "	941 "	566 "
Offals.	26,853 "	80,936 "	83,342 "	52,349 "	55,915 "
TOTALS.	74,932 "	157,704 "	169,227 "	130,587 "	129,091 "

INSPECTION OF OTHER FOODS.

Other Foods found unsound or unwholesome are as follows:-

1939.	1940.	1941.	1942.	1943.
Tins of Foodstuff. 639	Tins of Foodstuff. 880	Tins of Foodstuff. 1737	Tins of Foodstuff. 6510	Tins of Foodstuff. 8852
Onions (bunches). 75	Bacon (lbs). 412½	Bacon (lbs). 39½	Bacon (lbs). 233	Cheese (lbs). 83½
Radishes (dozs). 21	Butter (lbs). 74½	Butter (lbs). 32	Butter " 80	Jam (jars). 54
Cabbage (crates). 39	Cabbages (lbs). 800	Eggs. 241	Eggs. 193	Cornflour (pkt). 1
Fish (lbs). 106	Fish (lbs). 635	Fish (lbs). 2118½	Fish (lbs). 1426	Puddings. 1
Potatoes (bags). 41	Potatoes (lbs). 7392	" (boxes). 63	Fish-cakes. 61	Jellies. 1
Onions (bags). 5	Pears (lbs). 544	Game (brace). 44	Kippers (lbs). 94	Chocolate (bars) 6
Carrots (bags). 60	Carrots (lbs). 1400	Poultry (lbs). 465	Cockles (bags). 8	Oranges (lbs). 476
Apples (lbs). 2184	Bananas (bunches) 45	Cheese " 16½	Potatoes (lbs). 448	Prunes " 50
Rabbits. 11	Rabbits (lbs). 326	Ham " 278	Tomatoes " 444	Fish " 1871
Geese. 2	Cauliflowers (lbs). 450	Rabbits " 471	Sugar " 7	" (boxes). 20
	Oranges. 20	" (Couples). 30	Oranges " 122	Cockles (bags). 1
	Chicken (lbs). 28½	Sugar (lbs). 175	Onions " 28	Mussels " 16
	8 raw (lbs). 200	Oranges (cases). 50½	Prunes " 50	Fish-cakes (doz). 77
	Sausages (lbs). 16½	Coffee Extract. 37	Sausages " 219	Cabbages (lbs). 4012
	Herrings (box). 1	Brawn (lbs). 168	Sultanas " 9½	" (cases). 40
	Kippers (boxes). 6	Sausages " 119½	Dates " 7	Cauliflowers (bags). 26
		Duck. 1	Plums " 10520	Sprouts (lbs). 3416
		Turkey. 1	" (bags). 54	Peas " 411
		Mussels (bags). 8	Cress (boxes). 8	Onions (bags). 148
			Cabbages (baskets). 40	Sugar (lbs). 117
			Cake (lbs). 4½	Fat " 46
			Fat " 12	Sausage " 16½
			Fruit Loaves. 22	Butter " 5
			Leeks (nets). 11	Lard " 202
			Margarine (lbs). 11½	Eggs. 2
			Puddings. 106	Dried Egg (lbs). 2
			Pies. 82	Bacon " 306½
			Sprouts (bags). 85	Rabbits " 1420
			Semolina (lbs). 112	Fowls. " 400
				Brawn " 48½
				Plums " 280

FOOD INSPECTION.

Food and Drugs (Adulteration) Act, 1928, and Food and Drugs Act, 1938. (From 1st October, 1939).

Report on action taken under the above Acts during the years 1939 to 1943.

1. ARTICLES ANALYSED:

FORMAL SAMPLES.

	ANALYSED.					CERTIFIED AS ADULTERATED.				
	1939.	1940.	1941.	1942.	1943.	1939.	1940.	1941.	1942.	1943.
New Milk.	260	222	209	230	238	14	20	16	12	15
Dried Full Cream Milk.	5	-	-	-	-	-	-	-	-	-
Vinegar.	1	-	-	-	-	1	-	-	-	-
Lard.	1	-	-	-	-	-	-	-	-	-
Potted Meat.	-	2	-	-	-	-	2	-	-	-
Substitute Lemon Juice.	-	-	1	-	-	-	-	1	-	-
Lemon's Substitute.	-	-	-	1	-	-	-	-	1	-
TOTALS:	267	224	210	231	238	15	22	17	13	15

INFORMAL SAMPLES.

	ANALYSED				
	1939.	1940.	1941.	1942.	1943.
Apple Pasty.	-	-	-	1	-
Arrowroot.	3	2	3	1	3
Boracic Acid.	2	2	1	1	1
Butter.	3	3	3	4	3
Baking Powder.	3	4	3	5	6
Bread.	1	3	2	4	3
Borax.	3	3	2	3	4
Bi-carbonate of Soda.	3	3	3	4	5
Boracic Powder.	-	-	1	-	-
Brawn.	-	-	1	1	-
Beef Dripping.	2	3	-	1	-
Beer.	-	-	1	-	-
"Brown It".	-	-	-	1	-
Cream (Fresh).	3	2	-	-	-
Cream (Tinned).	3	2	-	-	-
Cheese.	2	3	2	2	2
Coffee.	4	4	4	6	5
Cocoa.	2	4	3	4	5
Cornflour.	2	2	2	2	-
Condensed M.S. Milk.	1	-	-	-	1
Condensed F.C. Milk.	2	3	-	-	1
Cream of Tartar.	2	5	3	2	2
Castor Oil.	1	-	-	-	-
Custard Powder.	-	-	1	1	-
Cake Mixture.	-	-	-	1	-
Dried Milk.	1	1	-	-	1
Dried Fruit.	4	2	-	-	-
Egg Substitute Powder.	-	-	1	-	-
Epsom Salts.	3	3	3	2	3
"Eggstead".	-	-	-	1	-
Sweetened Flour.	-	-	-	1	-
Flour.	2	2	1	1	3
Self-raising Flour.	2	3	2	3	4
Fish Paste.	-	-	2	7	5
Fish Dressing.	-	-	-	1	-
Golden Syrup.	2	1	-	-	-
Ground Ginger.	2	2	2	1	2
Ground Rice.	-	-	-	2	-
Honey.	3	2	-	-	-
Jam.	4	2	2	-	1
Lard.	2	2	1	4	2
Lemon Cheese.	3	3	-	-	-
Substitute Lemon Juice.	-	-	1	-	-
Lemon Substitute.	-	-	-	1	-
"Lem-Lem".	-	-	-	1	-
Lemonade.	-	-	-	-	1
Meat Paste.	-	-	1	-	5
Margarine.	4	3	2	4	3
Mustard.	2	2	2	3	4
Mince-meat.	1	-	-	-	-
Mineral Waters.	2	1	1	4	1
Marmalade.	-	2	-	-	1
New Milk.	-	-	1	1	-
Oatmeal.	2	2	2	1	3
Olive Oil.	2	3	1	-	-
"Orangeast".	-	-	-	1	-
Potted Fish.	3	2	-	-	-
Potted Meat.	3	2	2	3	3
Pepper.	3	2	2	3	4
Pickles.	2	4	-	3	6
Pea Flour.	-	-	-	-	1
Potato Foam.	-	-	-	-	1
Rice.	3	3	4	-	1
Rum and Coffee Extract.	-	-	2	-	-
Sauce.	-	2	4	4	4
Sausages.	2	3	3	4	3
Shredded Suet.	3	3	-	-	-
Sugar.	2	1	2	1	1
Sago.	1	1	1	-	-
Spaghetti.	-	-	-	1	-
Tincture of Quinine.	-	-	1	-	-
Tea.	2	2	1	2	3
Tinned Vegetables.	2	1	1	2	1
Tapioca.	2	1	-	-	-
Tincture of Rhubarb.	-	-	1	-	-
Toffee.	-	-	1	-	-
Vinegar.	2	2	2	3	5
Yorkshire Pudding Mixture.	-	-	-	2	-
Whiskey.	-	-	1	-	-
"Zohna".	-	-	-	1	-
Tartaric Acid.	-	-	-	-	2
TOTALS:	113	113	88	112	115

The following Informal Samples were certified as adulterated:-

1939:	1 - Lard, 1 - Potted Meat, 1 - Vinegar.	(Total: 3).
1940:	2 - Potted Meats.	(Total: 2).
1941:	1 - Substitute Lemon Juice, 1 - New Milk, 1 - Potted Meat, 1 - Rum and Coffee Extract.	(Total: 4).
1942:	1 - Lemon Substitute, 2 - Baking Powders, 3 - Potted Meats.	(Total: 6).
1943:	3 - Potted Meats, 1 - Baking Powder.	(Total: 4).

2. DETAILS OF SAMPLES REPORTED BY THE PUBLIC ANALYST TO BE ADULTERATED:

Year.	No. of cases where legal proceedings were instituted.	No. of cases where Vendor was warned by the Town Clerk.	No. of cases where a further sample proved genuine.	Other Remarks.
1939.	3	10	3	In one instance the articles were re-sampled in 1940, and, in another, legal proceedings were withdrawn owing to the death of the Public Analyst.
1940.	1	23	-	-
1941.	3	13	2	In two instances it was inadvisable to take action under the Food and Drugs Act, and the matter was referred to the Divisional Food Officer. In another case the entire stock of the article was destroyed.
1942.	2	15	1	In one instance the remaining stock of the article was withdrawn from sale.
1943.	3	10	-	In five cases defective cooler found. In one case stock withdrawn from sale.

3. OFFENCES OTHER THAN ADULTERATION: None.

4. LEGAL PROCEEDINGS:

Date.	No. of Sample.	Offence charged.	Name of Defendant.	Result.
1939. 7th July.	107	Selling new milk from which had been abstracted at least 5% of its fat.	E.M.	Fined £3. 0. 0.
1940. 12th Jan.	238	Selling new milk to which had been added at least 4.8% extraneous water.	M.M.	Fined £2. 0. 0.
12th Jan.	239	Selling new milk to which had been added at least 4.8% extraneous water.	M.M.	Case dismissed.
26th Apr.	44	Selling new milk from which had been abstracted at least 23% of its fat.	F.H.	Case dismissed.
1941. 18th Apr.	39	Selling new milk to which had been added at least 13% extraneous water.	H.W.	Fined £3. 0. 0.
25th July.	85	Selling new milk from which had been abstracted at least 38% of its fat.	A.C.	Fined £1. 0. 0.
26th Sept.	122	Selling new milk from which had been abstracted at least 67% of its fat.	D.D.	Fined £1. 0. 0.
1942. 11th May.	26	Selling new milk to which had been added at least 5.59% extraneous water.	N.T.	Fined £2. 0. 0. & 4/- expenses.
7th Aug.	101	Selling new milk from which had been abstracted at least 44.3% of its fat.	J.S. Ltd.	Fined £5. 0. 0.
1943. 24th May.	73	Selling new milk to which had been added at least 20% extraneous water.	N.E.	Fined £3. 0. 0.
do.	74	Selling new milk to which had been added at least 21.4% extraneous water.	H.E.	Fined £3. 0. 0.
do.	75	Selling new milk to which had been added at least 46.6% extraneous water.	H.E.	Fined £3. 0. 0.

FOOD EXAMINATION:

The chemical examination of food is carried out in the Laboratory of the Public Analyst, the bacteriological examination in the Public Health Department or at the Bacteriological Department of the Royal Infirmary, depending upon the nature of the examination required.

INFECTIOUS DISEASES.

NUMBER OF NOTIFICATIONS OF INFECTIOUS DISEASES RECEIVED IN THE YEARS 1939 TO 1943 INCLUSIVE.

DISEASE.	1939.	1940.	1941.	1942.	1943.
Abortus Fever.	-	-	1	-	-
Anterior Poliomyelitis.	2	2	-	4	-
Cerebro-spinal Meningitis.	4	15	34	31	19
Diarrhoea (under 5 years).	1	-	-	-	-
Diphtheria.	104	120	93	136	153
Dysentery.	1	17	80	60	45
Encephalitis Lethargica.	2	-	-	-	-
Enteric Fever.	11	7	20	3	1
Erysipelas.	76	62	42	45	50
Malaria.	-	-	-	1	-
Measles.	2	2542	204	2063	212
Ophthalmia Neonatorum.	10	8	7	5	6
Peripneumonia Neonatorum.	-	-	34	4	1
Pneumonia.	160	151	168	206	208
Puerperal Pyrexia.	47	15	25	21	19
Scarlet Fever.	115	145	232	404	782
Undulant Fever.	-	-	-	1	-
Whooping Cough.	3	19	655	113	529
TOTAL:	538	3103	1595	3097	2025

NON-NOTIFIABLE INFECTIOUS DISEASES:

DURING THE FIVE YEARS - 1939, 1940, 1941, 1942 and 1943.

Month.		Meas Les.	German Meas Les.	Mumps.	Whooping Cough.	Chicken Pox.	Influenza.	Total.
JANUARY.	1939.	1	1	22	57	45	45	171
	1940.	-	-	1	-	-	-	1
	1941.	7	-	1	32	-	-	40
	1942.	1	2	15	-	-	-	18
	1943.	10	-	1	4	5	1	21
FEBRUARY:	1939.	3	1	45	54	27	51	181
	1940.	-	-	2	-	16	13	31
	1941.	31	-	3	36	64	7	141
	1942.	51	-	176	6	34	-	267
	1943.	17	-	5	3	21	1	47
MARCH:	1939.	1	-	71	93	41	1	207
	1940.	-	31	1	-	29	16	77
	1941.	7	-	2	38	58	1	106
	1942.	31	4	363	5	59	-	462
	1943.	10	-	-	64	31	-	105
APRIL:	1939.	7	-	61	18	19	-	105
	1940.	-	124	1	-	16	-	141
	1941.	12	2	1	28	104	-	147
	1942.	14	3	147	3	32	1	200
	1943.	1	-	-	12	8	-	21
MAY:	1939.	-	-	48	19	57	1	125
	1940.	-	77	3	-	6	-	86
	1941.	33	7	8	29	101	-	178
	1942.	9	-	31	4	46	-	90
	1943.	1	-	1	24	42	-	68
JUNE:	1939.	1	1	39	16	7	-	64
	1940.	-	39	2	-	2	-	43
	1941.	11	2	26	23	34	-	96
	1942.	29	12	87	14	106	-	248
	1943.	6	-	-	7	38	-	51
JULY:	1939.	1	4	-	1	11	-	17
	1940.	-	3	1	-	1	-	5
	1941.	13	-	20	9	22	-	64
	1942.	47	6	33	1	44	-	131
	1943.	4	-	1	5	52	-	62
AUGUST:	1939.	-	-	-	1	2	-	3
	1940.	-	1	-	-	-	-	1
	1941.	3	-	2	10	2	-	17
	1942.	9	-	-	3	2	-	14
	1943.	-	2	-	22	13	-	37
SEPTEMBER:	1939.	-	-	-	-	-	-	-
	1940.	-	-	-	-	20	-	20
	1941.	2	1	1	13	3	-	20
	1942.	71	-	1	2	1	-	75
	1943.	-	-	1	3	2	-	6
OCTOBER:	1939.	-	-	2	-	-	-	2
	1940.	-	-	1	-	55	-	56
	1941.	8	4	12	9	2	-	35
	1942.	142	-	1	-	11	-	154
	1943.	3	1	7	11	12	-	34
NOVEMBER:	1939.	-	-	6	-	15	-	21
	1940.	-	-	2	-	91	-	93
	1941.	1	-	86	1	11	-	99
	1942.	385	-	1	-	18	-	404
	1943.	-	1	6	5	6	-	18
DECEMBER:	1939.	1	-	-	2	11	-	14
	1940.	-	-	-	-	37	-	37
	1941.	2	-	40	-	38	-	80
	1942.	112	-	-	5	8	-	125
	1943.	-	-	2	9	17	-	28
T O T A L:	1939.	15	7	294	261	235	98	910
	1940.	-	275	14	-	273	29	591
	1941.	130	16	202	228	439	8	1023
	1942.	901	27	855	43	361	1	2188
	1943.	52	4	24	169	247	2	498

NUMBER OF CASES OF TUBERCULOSIS NOTIFIED.
DURING THE YEARS - 1939, 1940, 1941, 1942 and 1943.

AGE PERIODS.		PULMONARY.			NON-PULMONARY.			TOTAL.		
		M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Under 1 year:	1939.	-	-	-	-	-	-	-	-	-
	1940.	-	-	-	-	-	-	-	-	-
	1941.	-	-	-	-	-	-	-	-	-
	1942.	-	-	-	-	2	2	-	2	2
	1943.	-	-	-	-	-	-	-	-	-
1 and under 5 years:	1939.	1	1	2	6	-	6	7	1	8
	1940.	-	-	-	-	4	4	-	4	4
	1941.	-	-	-	1	4	5	1	4	5
	1942.	-	-	-	4	2	6	4	2	6
	1943.	-	-	-	2	-	2	2	-	2
5 and under 10 years:	1939.	1	-	1	7	6	13	8	6	14
	1940.	-	-	-	4	3	7	4	3	7
	1941.	-	-	-	8	1	9	8	1	9
	1942.	-	1	1	6	2	8	6	3	9
	1943.	1	-	1	5	4	9	6	4	10
10 and under 15 years:	1939.	3	-	3	4	5	9	7	5	12
	1940.	-	1	1	1	6	7	1	7	8
	1941.	-	-	-	4	3	7	4	3	7
	1942.	-	1	1	4	-	4	4	1	5
	1943.	1	1	2	4	3	7	5	4	9
15 and under 20 years:	1939.	4	6	10	3	3	6	7	9	16
	1940.	2	4	6	4	1	5	6	5	11
	1941.	2	8	10	2	3	5	4	11	15
	1942.	3	6	9	4	2	6	7	8	15
	1943.	3	5	8	1	-	1	4	5	9
20 and under 25 years:	1939.	13	8	21	2	3	5	15	11	26
	1940.	3	6	9	-	5	5	3	11	14
	1941.	3	3	6	-	3	3	3	6	9
	1942.	9	14	23	2	2	4	11	16	27
	1943.	8	16	24	-	1	1	8	17	25
25 and under 35 years:	1939.	6	11	17	2	4	6	8	15	23
	1940.	7	12	19	2	9	11	9	21	30
	1941.	8	6	14	4	6	10	12	12	24
	1942.	12	8	20	4	4	8	16	12	28
	1943.	9	4	13	3	5	8	12	9	21
35 and under 45 years:	1939.	10	2	12	2	3	5	12	5	17
	1940.	13	6	19	1	2	3	14	8	22
	1941.	10	4	14	-	1	1	10	5	15
	1942.	11	5	16	2	4	6	13	9	22
	1943.	10	5	15	-	1	1	10	6	16
45 and under 55 years:	1939.	6	4	10	1	1	2	7	5	12
	1940.	4	5	9	-	2	2	4	7	11
	1941.	4	3	7	2	1	3	6	4	10
	1942.	10	1	11	1	4	5	11	5	16
	1943.	10	3	13	-	2	2	10	5	15
55 and under 65 years:	1939.	5	2	7	2	1	3	7	3	10
	1940.	8	2	10	-	-	-	8	2	10
	1941.	5	4	9	1	1	2	6	5	11
	1942.	9	4	13	-	-	-	9	4	13
	1943.	4	2	6	-	-	-	4	2	6
65 and upwards:	1939.	2	1	3	-	-	-	2	1	3
	1940.	-	1	1	-	3	3	-	4	4
	1941.	3	-	3	-	-	-	3	-	3
	1942.	1	1	2	-	-	-	1	1	2
	1943.	2	-	2	-	1	1	2	1	3
Total at all ages:	1939.	51	35	86	29	26	55	80	61	141
	1940.	37	37	74	12	35	47	49	72	121
	1941.	35	28	63	22	23	45	57	51	108
	1942.	55	41	96	27	22	49	82	63	145
	1943.	48	36	84	15	17	32	63	53	116

NEW CASES OF TUBERCULOSIS.

(Other than formal notifications).

DURING THE YEARS - 1939, 1940, 1941, 1942 and 1943.

AGE PERIODS.		PULMONARY.			NON-PULMONARY.			TOTAL.		
		H.	F.	Total.	H.	F.	Total.	H.	F.	Total.
Under 1 year:	1939.	-	-	-	1	1	2	1	1	2
	1940.	1	-	1	-	1	1	1	1	2
	1941.	-	-	-	-	1	1	-	1	1
	1942.	-	-	-	-	-	-	-	-	-
	1943.	-	-	-	-	-	-	-	-	-
1 and under 5 years:	1939.	-	-	-	-	-	-	-	-	-
	1940.	-	-	-	3	-	3	3	-	3
	1941.	-	-	-	1	-	1	1	-	1
	1942.	-	-	-	2	1	3	2	1	3
	1943.	-	-	-	1	1	2	1	1	2
5 and under 10 years:	1939.	-	-	-	-	-	-	-	-	-
	1940.	-	-	-	2	-	2	2	-	2
	1941.	-	-	-	-	-	-	-	-	-
	1942.	-	-	-	-	-	-	-	-	-
	1943.	-	-	-	-	-	-	-	-	-
10 and under 15 years:	1939.	-	-	-	1	1	2	1	1	2
	1940.	-	-	-	-	1	1	-	1	1
	1941.	-	-	-	-	2	2	-	2	2
	1942.	-	-	-	-	-	-	-	-	-
	1943.	-	-	-	-	1	1	-	1	1
15 and under 20 years:	1939.	-	-	-	1	-	1	1	-	1
	1940.	-	1	1	-	-	-	-	1	1
	1941.	1	1	2	1	-	1	2	1	3
	1942.	-	1	1	-	-	-	-	1	1
	1943.	-	-	-	1	-	1	1	-	1
20 and under 25 years:	1939.	-	1	1	-	-	-	-	1	1
	1940.	-	1	1	-	1	1	-	2	2
	1941.	1	-	1	-	1	1	1	1	2
	1942.	2	5	7	-	-	-	2	5	7
	1943.	1	1	2	-	-	-	1	1	2
25 and under 35 years:	1939.	5	1	6	-	-	-	5	1	6
	1940.	-	2	2	-	1	1	-	3	3
	1941.	4	1	5	-	-	-	4	1	5
	1942.	2	1	3	1	-	1	3	1	4
	1943.	4	-	4	-	1	1	4	1	5
35 and under 45 years:	1939.	1	2	3	-	2	2	1	4	5
	1940.	1	1	2	-	-	-	1	1	2
	1941.	2	-	2	1	1	2	3	1	4
	1942.	3	1	4	2	-	2	5	1	6
	1943.	-	-	-	1	-	1	1	-	1
45 and under 55 years:	1939.	3	1	4	-	-	-	3	1	4
	1940.	-	1	1	-	-	-	-	1	1
	1941.	1	-	1	-	-	-	1	-	1
	1942.	-	1	1	-	-	-	-	1	1
	1943.	1	2	3	-	-	-	1	2	3
55 and under 65 years:	1939.	1	1	2	-	3	3	1	4	5
	1940.	2	1	3	-	-	-	2	1	3
	1941.	3	1	4	-	-	-	3	1	4
	1942.	3	-	3	-	-	-	3	-	3
	1943.	3	-	3	-	-	-	3	-	3
65 and upwards.	1939.	-	-	-	-	-	-	-	-	-
	1940.	-	-	-	-	-	-	-	-	-
	1941.	-	1	1	-	-	-	-	1	1
	1942.	1	-	1	-	1	1	1	1	2
	1943.	3	-	3	-	2	2	3	2	5
Total at all ages:	1939.	10	6	16	3	7	10	13	13	26
	1940.	4	7	11	5	4	9	9	11	20
	1941.	12	4	16	3	5	8	15	9	24
	1942.	11	9	20	5	2	7	16	11	27
	1943.	12	3	15	3	5	8	15	8	23

TUBERCULOSIS DEATHS.
DURING THE YEARS - 1939, 1940, 1941, 1942 and 1943.

AGE PERIODS.		PULMONARY.			NON-PULMONARY.			TOTAL.		
		M.	F.	Total.	M.	F.	Total.	M.	F.	Total.
Under 1 year:	1939.	-	-	-	1	1	2	1	1	2
	1940.	1	-	1	-	1	1	1	1	2
	1941.	-	-	-	-	1	1	-	1	1
	1942.	-	-	-	-	2	2	-	2	2
	1943.	-	-	-	-	-	-	-	-	-
1 and under 5 years:	1939.	-	-	-	2	-	2	2	-	2
	1940.	-	-	-	3	-	3	3	-	3
	1941.	-	-	-	1	2	3	1	2	3
	1942.	-	-	-	2	4	6	2	4	6
	1943.	-	-	-	1	1	2	1	1	2
5 and under 10 years:	1939.	-	-	-	-	-	-	-	-	-
	1940.	-	-	-	1	-	1	1	-	1
	1941.	1	-	1	1	-	1	2	-	2
	1942.	-	-	-	-	-	-	-	-	-
	1943.	-	-	-	1	-	1	1	-	1
10 and under 15 years:	1939.	1	-	1	-	1	1	1	1	2
	1940.	-	-	-	-	1	1	-	1	1
	1941.	-	-	-	1	1	2	1	1	2
	1942.	-	1	1	1	-	1	1	1	2
	1943.	-	1	1	-	1	1	-	2	2
15 and under 20 years:	1939.	1	-	1	-	1	1	1	1	2
	1940.	-	3	3	1	-	1	1	3	4
	1941.	-	2	2	1	2	3	1	4	5
	1942.	1	4	5	-	2	2	1	6	7
	1943.	1	2	3	2	-	2	3	2	5
20 and under 25 years:	1939.	2	4	6	1	1	2	3	5	8
	1940.	8	1	9	-	1	1	8	2	10
	1941.	1	2	3	-	1	1	1	3	4
	1942.	4	5	9	-	-	-	4	5	9
	1943.	2	9	11	-	-	-	2	9	11
25 and under 35 years:	1939.	9	9	18	-	2	2	9	11	20
	1940.	2	6	8	-	-	-	2	6	8
	1941.	7	6	13	2	1	3	9	7	16
	1942.	2	4	6	1	-	1	3	4	7
	1943.	4	3	7	-	1	1	4	4	8
35 and under 45 years:	1939.	3	4	7	2	3	5	5	7	12
	1940.	8	5	13	-	-	-	8	5	13
	1941.	11	3	14	-	2	2	11	5	16
	1942.	8	6	14	2	-	2	10	6	16
	1943.	7	4	11	1	-	1	8	4	12
45 and under 55 years:	1939.	8	2	10	1	-	1	9	2	11
	1940.	7	5	12	-	-	-	7	5	12
	1941.	5	1	6	-	1	1	5	2	7
	1942.	8	1	9	-	-	-	8	1	9
	1943.	11	4	15	-	-	-	11	4	15
55 and under 65 years:	1939.	8	1	9	-	3	3	8	4	12
	1940.	8	2	10	-	-	-	8	2	10
	1941.	8	5	13	1	-	1	9	5	14
	1942.	6	-	6	1	-	1	7	-	7
	1943.	10	2	12	-	-	-	10	2	12
65 years and upwards:	1939.	1	2	3	-	-	-	1	2	3
	1940.	1	-	1	-	2	2	1	2	3
	1941.	2	2	4	-	-	-	2	2	4
	1942.	1	-	1	-	1	1	1	1	2
	1943.	6	1	7	-	3	3	6	4	10
Total at all ages:	1939.	33	22	55	7	12	19	40	34	74
	1940.	35	22	57	5	5	10	40	27	67
	1941.	35	21	56	7	11	18	42	32	74
	1942.	30	21	51	7	9	16	37	30	67
	1943.	41	26	67	5	6	11	46	32	78

TUBERCULOSIS.

1939.

NUMBER OF CASES TREATED IN HOSPITAL.

	ADULTS.										CHILDREN.										GRAND TOTAL.																							
	Pulmonary.					Non-Pulmonary.					Observation Pulmonary.					Observation Non-Pulmonary.							TOTAL.																					
	M.		F.		TOTAL.	M.		F.		TOTAL.	M.		F.		TOTAL.	M.		F.		TOTAL.																								
	H.	F.	H.	F.		H.	F.	H.	F.		H.	F.	H.	F.		H.	F.	H.	F.		H.	F.																						
No. in Hospital on 31st December 1938.	BRADLEY WOOD SAN.																				19	15	2	3	-	-	-	-	-	21	18	1	-	6	4	-	1	-	-	7	5	28	23	
	HILL HILL HOSP.																				6	2	-	2	-	-	-	-	6	4	-	-	-	-	-	-	-	-	-	-	-	-	6	4
	TOTAL:																				25	17	2	5	-	-	-	-	-	27	22	1	-	6	4	-	1	-	-	-	7	5	34	27
No. since Admitted.	BRADLEY WOOD SAN.																				34	21	3	4	2	2	-	-	-	39	27	3	-	11	3	6	2	2	1	22	6	61	33	
	HILL HILL HOSP.																				28	12	-	3	-	-	-	-	28	15	-	-	-	-	-	-	-	-	-	-	-	-	28	15
	TOTAL:																				62	33	3	7	2	2	-	-	-	67	42	3	-	11	3	6	2	2	1	22	6	89	48	
No. Discharged.	BRADLEY WOOD SAN.																				31	22	1	6	2	2	-	-	-	34	30	2	-	9	6	5	3	2	1	18	10	52	40	
	HILL HILL HOSP.																				19	8	-	2	-	-	-	-	19	10	-	-	-	-	-	-	-	-	-	-	-	-	19	10
	TOTAL:																				50	30	1	8	2	2	-	-	-	53	40	2	-	9	6	5	3	2	1	18	10	71	50	
No. Died.	BRADLEY WOOD SAN.																				6	2	-	-	-	-	-	-	-	6	2	1	-	-	-	-	-	-	-	-	1	-	7	2
	HILL HILL HOSP.																				9	4	-	1	-	-	-	-	9	5	-	-	-	-	-	-	-	-	-	-	-	-	9	5
	TOTAL:																				15	6	-	1	-	-	-	-	15	7	1	-	-	-	-	-	-	-	-	-	1	-	16	7
No. remaining in Hospital on 30th December 1939.	BRADLEY WOOD SAN.																				16	12	4	1	-	-	-	-	-	20	13	1	-	8	1	1	-	-	-	10	1	30	14	
	HILL HILL HOSP.																				6	2	-	2	-	-	-	-	6	4	-	-	-	-	-	-	-	-	-	-	-	-	6	4
	TOTAL:																				22	14	4	3	-	-	-	-	26	17	1	-	8	1	1	-	-	-	-	10	1	36	18	

TUBERCULOSIS.

1940.

NUMBER OF CASES TREATED IN HOSPITAL.

	ADULTS.										CHILDREN.										GRAND TOTAL.	
	Pulmonary.					Non-Pulmonary.					Observation Non-Pulmonary.					TOTAL.						
	H.		F.		TOTAL.	H.		F.		TOTAL.	H.		F.		TOTAL.	H.		F.		TOTAL.		
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.			
	No. in Hospital on 30th December 1939.																					

TUBERCULOSIS.

1941.

NUMBER OF CASES TREATED IN HOSPITAL.

	ADULTS.										CHILDREN.										GRAND TOTAL.				
	Pulmonary.				Non-Pulmonary.		Observation Pulmonary.				Observation Non-Pulmonary.		Pulmonary.				Non-Pulmonary.		Observation Pulmonary.						Observation Non-Pulmonary.
	M.		F.		TOTAL.	M.		F.		TOTAL.	M.		F.		TOTAL.	M.		F.		TOTAL.	M.		F.		TOTAL.
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	
No. in Hospital on 28th December 1940.	BRADLEY WOOD SAN.																								
	8	12	4	4	-	-	-	-	-	12	16	1	-	3	5	-	-	-	-	-	-	4	5	16	21
	MILL HILL HOSP.																								
	4	4	-	4	-	-	-	-	-	4	8	-	-	-	-	-	-	-	-	-	-	-	-	4	8
	12	16	4	8	-	-	-	-	-	16	24	1	-	3	5	-	-	-	-	-	-	4	5	20	29
No. since Admitted.	BRADLEY WOOD SAN.																								
	35	27	5	-	1	-	-	-	-	41	27	-	-	5	4	2	1	4	1	-	11	6	52	33	
	MILL HILL HOSP.																								
	18	7	-	1	-	-	-	-	-	18	8	-	-	1	-	-	-	-	-	-	1	-	19	8	
	53	34	5	1	1	-	-	-	-	59	35	-	-	6	4	2	1	4	1	-	12	6	71	41	
No. Discharged.	BRADLEY WOOD SAN.																								
	29	23	3	2	1	-	-	-	-	33	25	1	-	4	3	1	1	2	1	-	8	5	41	30	
	MILL HILL HOSP.																								
	6	4	-	1	-	-	-	-	-	6	5	-	-	-	-	-	-	-	-	-	-	-	6	5	
	35	27	3	3	1	-	-	-	-	39	30	1	-	4	3	1	1	2	1	-	8	5	47	35	
No. Died.	BRADLEY WOOD SAN.																								
	4	1	2	-	-	-	-	-	-	6	1	-	-	1	-	-	-	-	-	-	1	-	7	1	
	MILL HILL HOSP.																								
	6	4	-	2	-	-	-	-	-	6	6	-	-	1	-	-	-	-	-	-	1	-	7	6	
	10	5	2	2	-	-	-	-	-	12	7	-	-	2	-	-	-	-	-	-	2	-	14	7	
No. remaining in Hospital on 27th December 1941.	BRADLEY WOOD SAN.																								
	10	15	4	2	-	-	-	-	-	14	17	-	-	3	6	1	-	2	-	-	6	6	20	23	
	MILL HILL HOSP.																								
	10	3	-	2	-	-	-	-	-	10	5	-	-	-	-	-	-	-	-	-	-	-	10	5	
	20	18	4	4	-	-	-	-	-	24	22	-	-	3	6	1	-	2	-	-	6	6	30	28	

TUBERCULOSIS.

1943.

NUMBER OF CASES TREATED IN HOSPITAL.

	ADULTS.										CHILDREN.										GRAND TOTAL.																							
	Pulmonary.					Non-Pulmonary.					TOTAL.					Pulmonary.							Non-Pulmonary.					TOTAL.																
	H.		F.		TOTAL.	H.		F.		TOTAL.	H.		F.		TOTAL.	H.		F.		TOTAL.			H.		F.		TOTAL.	H.		F.		TOTAL.												
	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.		M.	F.	M.	F.	M.	F.		M.	F.	M.	F.		M.	F.										
No. in Hospital on 2nd January 1943.	BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:		BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:	
	13	18	4	5	-	-	-	-	-	17	23	-	1	6	4	1	-	-	-	7	5	24	28																					
	11	6	1	2	-	-	-	-	-	12	8	-	-	-	-	-	-	-	-	-	-	12	8																					
No. since Admitted.	BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:		BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:	
	27	23	4	5	-	-	-	-	-	31	28	1	1	1	3	1	3	2	-	5	7	36	35																					
	33	12	-	-	-	-	-	-	-	33	12	-	-	-	-	-	-	-	-	-	-	33	12																					
No. Discharged.	BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:		BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:	
	23	17	4	2	-	-	-	-	-	27	19	1	1	1	4	2	2	1	-	5	7	32	26																					
	21	6	1	1	-	-	-	-	-	22	7	-	-	-	-	-	-	-	-	-	-	22	7																					
No. Died.	BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:		BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:	
	3	8	-	1	-	-	-	-	-	3	9	-	1	-	-	-	-	-	-	1	10	3	10																					
	13	8	-	-	-	-	-	-	-	13	8	-	-	-	-	-	-	-	-	-	-	13	8																					
No. remaining in Hospital on 1st January 1944.	BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:		BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:	
	16	16	-	1	-	-	-	-	-	16	17	-	1	-	-	-	-	-	-	1	18	16	18																					
	14	16	4	7	-	-	-	-	-	18	23	-	-	6	3	-	1	1	-	7	4	25	27																					
	BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:		BRADLEY WOOD SAN.										MILL HILL HOSP.										TOTAL:	
	10	4	-	1	-	-	-	-	-	10	5	-	-	-	-	-	-	-	-	-	-	10	5																					
	24	20	4	8	-	-	-	-	-	28	28	-	-	6	3	-	1	1	-	7	4	35	32																					

TUBERCULOSIS.

T.P. Twomey, M.B., B.Ch., D.P.H., D.N.R.E.,
Clinical Tuberculosis Officer.

NOTIFICATIONS AND DEATHS:

The total notifications and deaths from all forms of Tuberculosis during the 5 years under review were as follows:-

Year.	Pulmonary.	Non-Pulmonary.	Total.	Deaths.
1939.	86	55	141	74
1940.	74	47	121	67
1941.	63	45	108	74
1942.	96	49	145	67
1943.	84	32	116	78
TOTALS:-	403	228	631	360

In addition, the following new cases of Tuberculosis (other than the formal notifications, referred to above) were brought to notice:-

DEATH RETURNS.	1939.			1940.			1941.			1942.			1943.			TOTAL.		
	Pul-mon-ary.	Non-Pul-mon-ary.	To-tal.	Pul-mon-ary.	Non-Pul-mon-ary.	To-tal.	Pul-mon-ary.	Non-Pul-mon-ary.	To-tal.	Pul-mon-ary.	Non-Pul-mon-ary.	To-tal.	Pul-mon-ary.	Non-Pul-mon-ary.	To-tal.	Pul-mon-ary.	Non-Pul-mon-ary.	Total.
(a) From Local Registrars.	1	8	9	2	2	4	5	3	8	2	3	5	5	6	11	15	22	37
(b) Transferable deaths from Registrar-General.	2	-	2	1	-	1	5	-	5	3	3	6	2	-	2	13	3	16
Posthumous notifications.	2	-	2	3	5	8	-	2	2	1	1	2	-	2	2	6	10	16
"Transfers" from other areas (other than Transferable Deaths.	11	2	13	5	2	7	6	3	9	14	-	14	8	-	8	44	7	51
TOTALS:-	16	10	26	11	9	20	16	8	24	20	7	27	15	8	23	78	42	120

DEATHS PRIOR TO NOTIFICATION NUMBERED -

1939.	1940.	1941.	1942.	1943.	TOTAL.
13	13	15	13	15	69

PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

No occasion arose during the 5 years when it was considered necessary to enforce these Regulations.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1940.

Information was sent to the Minister of Labour and National Service respecting patients on the Tuberculosis Register, by the Medical Officer of Health, in compliance with the above Regulations.

TUBERCULOSIS CLINIC.

An alteration in the number of sessions per week was made in 1940.

Following the outbreak of war and the necessary introduction of the black-out, there was a sharp decline in the attendances at the evening sessions. It was, therefore, decided to suspend these sessions from October until April each year, until the end of the war.

The attendances at the evening sessions held between April and October have, on the whole, been very satisfactory. The total clinic attendances were:-

1939.	1940.	1941.	1942.	1943.	TOTAL.
2410	1980	2127	2509	2332	11358

NEW PATIENTS.

The numbers of new cases examined were:-

YEAR.	No. Examined.	No. found to be Tuberculous.	No. found to be Non-Tuberculous.	Diagnosis not completed at year end.
1939.	248	117	130	1
1940.	230	101	129	-
1941.	314	94	217	3
1942.	324	127	196	1
1943.	337	100	235	2
TOTALS:	1453	539	907	7

Included in the above figures were the following cases referred for diagnosis by the Military Medical Board, the Royal Corps of Signals and the Auxiliary Territorial Service:-

YEAR.	Military Medical Board.	Royal Corps of Signals and Auxiliary Territorial Service.
1939.	10	Nil.
1940.	41	Nil.
1941.	67	16
1942.	63	2
1943.	54	3
TOTALS:	235	21

Diagnosis, as usual, was based on clinical and radiological examination, and on laboratory examination of the sputum. A report on these findings was forwarded to the Medical Practitioner or the Authority referring the case.

CONTACTS:

The following are the figures referring to the immediate family contacts to cases of Pulmonary Tuberculosis notified during the years under review, and the numbers who consented to examination:-

YEAR.	No. of Adult Contacts.	No. of Adults Examined.	No. of Children Contacts.	No. of Children Examined.	No. X-rayed.
1939.	112	58	43	33	11
1940.	99	44	39	34	10
1941.	63	29	33	30	22
1942.	109	35	46	36	16
1943.	101	47	38	21	17
TOTALS:	484	213	199	154	76

Of those examined, 4 were found to be suffering from Tuberculosis.

LABORATORY EXAMINATIONS:

These consisted mostly of specimens of sputum and urine.

1939.	1940.	1941.	1942.	1943.	TOTAL.
647	569	650	627	707	3200

DOMICILIARY VISITS:

Home visits paid by the Assistant Tuberculosis Officer to cases who were unfit to attend the clinic for examination numbered -

1939.	1940.	1941.	1942.	1943.	TOTAL.
89	71	79	85	68	392

The patient's private practitioner was present at many of these examinations.

Visits paid by the Tuberculosis Nurse numbered -

1939.	1940.	1941.	1942.	1943.	TOTAL.
1517	1427	1217	1383	1162	6706

Her work has been carried out along the usual lines.

Attendances for Ultra-Violet Light treatment numbered -

1939.	1940.	1941.	1942.	1943.	TOTAL.
480	380	682	892	726	3160

CLINIC REGISTER:

The following are the statistics of the number of cases on the Register:-

YEAR.	Total.	Pulmonary.	Percentage Positive Sputum.
1939.	622	420	46%
1940.	572	373	43%
1941.	518	326	45%
1942.	539	354	53%
1943.	498	345	56%
TOTALS:	2749	1818	

BRADLEY WOOD SANATORIUM: (Beds available - 75).

As far as possible the usual practice of admitting to the Sanatorium cases which presented a reasonable prospect of improvement was continued.

Advanced cases requiring institutional treatment were admitted to Mill Hill Hospital.

Admissions to the Sanatorium:-

1939.	1940.	1941.	1942.	1943.	TOTAL.
94	77	85	81	71	408

Deaths in the Sanatorium:-

1939.	1940.	1941.	1942.	1943.	TOTAL.
9	11	8	5	13	46

X-RAY EXAMINATIONS:

The existing plant continues to give satisfactory service and no alterations have been necessary.

X-ray examinations and screenings were carried out as follows:-

YEAR.	X-ray Examinations.	Screenings.
1939.	543	1088
1940.	458	1079
1941.	521	1225
1942.	597	1251
1943.	621	1304
TOTALS:	2740	5947

ARTIFICIAL PNEUMOTHORAX:

The following are the figures of cases in which this method of treatment was adopted:-

YEAR.	No. of Inductions.	No. of cases treated.	Total No. of Re-fills.	No. abandoned.	No. transferred.
1939.	19	36	611	8	-
1940.	8	38	656	9	2
1941.	6	34	589	5	-
1942.	10	38	725	10	-
1943.	12	41	612	11	3

During the 5 years under review, artificial pneumothorax treatment was instituted in 55 cases (including 2 bilateral), and the total refills given numbered 3,193.

The treatment was abandoned in 43 cases during this period.

In a number of cases it was abandoned in the early stages owing to dense adhesions preventing an effective collapse. The others were abandoned mostly as a result of lung re-expansion following pleural effusion or to the spread of the disease or the deterioration of an existing tubercular focus in the contra-lateral lung.

The following is an assessment of the results of artificial pneumothorax treatment for the 5 year period under review:-

Number of cases treated, including 2 cases of bilateral pneumothorax.	75
Number in which disease is now arrested.	29
Number in which the condition is improved (mostly still under treatment).	16
Number which failed to improve.	5
Number transferred.	6
Number died.	19

THORACIC SURGERY:

4 cases - including 3 which failed to improve with artificial pneumothorax treatment - had thorocoplasty operations performed at the Brompton Hospital. In all cases the results were completely satisfactory.

In November 1943, arrangements were made for Mr. P.R. Allison, F.R.C.S., the Leeds Thoracic Surgeon, to visit Bradley Wood Sanatorium for consultation with the Resident Medical Officer in the selection of cases likely to benefit from thoracic surgery, and it is proposed that in future these cases will be transferred to Leeds for such operative treatment as may be necessary - the operations to be performed by Mr. Allison.

The operation for Phrenic Crush was performed in 2 cases and Phrenic Evulsion in 1 case at Bradley Wood Sanatorium, by Mr. Allison, in November 1943.

The result in the latter case was very satisfactory, but in the two cases which had a temporary phrenic crush it was later decided that thorocoplasty would be necessary, as the desired results seemed unlikely to be obtained by phrenic paralysis.

ORTHOPAEDIC CASES:

The treatment of all orthopaedic cases in the Sanatorium has been directed by Mr. Barclay, F.R.C.S., and later, following the outbreak of war, by Mr. Latimer Walker, F.R.C.S.

No radical changes in treatment have been adopted, treatment being as formerly, of a conservative character, but it has now become the practice to immobilise almost all the spinal cases in a plaster shell instead of using a spinal frame. The plaster shell affords satisfactory immobilisation and more comfort for the patient.

The following plaster splints were made:-

	1939.	1940.	1941.	1942.	1943.	Total.
Wrist Joint.	1	-	-	1	1	3
Elbow Joint.	-	-	-	-	1	1
Ankle Joint.	1	1	-	1	-	3
Knee Joint.	3	-	1	-	-	4
Hip Spica.	3	6	1	4	6	20
Spinal Shells.	3	6	5	7	7	28
Plaster spinal Jackets.	-	1	-	-	1	2
TOTALS.	11	14	7	13	16	61

ULTRA-VIOLET LIGHT:

Treatment by Ultra-Violet Light has been on the same lines as formerly, and has proved beneficial in cases of tuberculosis of the abdominal glands, tubercular cervical adenitis, and in bone and joint tuberculosis complicated by sinus formation.

	1939.	1940.	1941.	1942.	1943.	Total.
Number of Sessions.	283	197	202	134	165	981
Total Attendances.	1397	992	746	421	607	4163

HILL HILL HOSPITAL: (Beds available - 30).

As in previous years, cases of an advanced and chronic type have been admitted to the Tuberculosis Wards at this Hospital.

Admissions to the Hospital:-

1939.	1940.	1941.	1942.	1943.	TOTAL.
43	23	27	53	45	191

Deaths in the Hospital:-

1939.	1940.	1941.	1942.	1943.	TOTAL.
14	9	13	25	21	82

VACCINATION.

THE VACCINATION ACTS, 1867 to 1898, and the VACCINATION ACT, 1907.

YEAR.	No. of Births registered from 1st January to 31st December.	No. successfully vaccinated.	No. insusceptible of vaccination.	No. who have had Small-pox.	No. of Statutory Declarations of Conscientious Objections.	No. who have died unvaccinated.	No. post-mortem by Medical Certificates.	No. removed to other districts and Vaccination Officers notified.	No. of cases not found.	No. of Defaulters.
1938.	2091	466	3	-	1437	105	22	8	38	12
1939.	1825	413	6	-	1181	137	17	8	51	12
1940.	1901	496	6	-	1178	128	37	27	25	4
1941.	2028	612	4	-	1097	158	62	58	22	15
1942.	2159	763	5	-	1174	178	8	22	8	1
TOTALS:	10004	2750	24	-	6067	706	146	123	144	44

YEAR.	Percentage of Children Vaccinated.	Percentage of Children in respect of whom Statutory Declarations were made.
1938.	22.28	68.7
1939.	22.65	64.7
1940.	26.09	62.0
1941.	30.18	54.09
1942.	35.34	54.38
TOTALS:	27.49	60.64

Report for the Quinquennium 1939 - 1943.

During 1939, several factors, notably the outbreak of War, the resultant black-out, and the advance of chemo-therapy in the treatment of Gonorrhoea, all resulted in a reduction in attendances at the Treatment Centre.

At the outbreak of War, the Venereal Diseases Treatment Centre was taken over for Air Raid Precautions work, at a moment's notice, but, thanks to the helpful co-operation of the Board of the Huddersfield Royal Infirmary, accommodation was provided in the Out-patient Department of the Royal Infirmary, so that the work of the Centre was carried on during the same hours as before.

No facilities were, however, available for the irrigation treatment of male cases of Gonorrhoea, but disability was more than off-set by the treatment of the disease by N & B 693, by which treatment was reduced in most cases from a matter of weeks, or months, to one of a few days.

Total attendances during 1939 were 10,419, as against 17,145 in 1938, but this fall is almost entirely accounted for by the drop in intermediate treatment attendances.

This can be seen when the figures are compared for the individual attention of the Medical Officer, as in 1939 these were 5,971, as against 6,585 in 1938.

New cases of Gonorrhoea in 1939 were 167, whilst recently acquired new cases of Syphilis numbered 28; there were 4 congenital infections, and 28 old standing infections.

Pathological work done during 1939 was:-

Smears examined for Gonococcus:- 1018.

Dark Ground Illuminations for Treponema:- 15.

In addition, routine examinations of large numbers of vaginal pus specimens for the presence of Trichomonas infection was carried out, though these are not shown in the Annual Return.

During the winter months, the Wednesday morning Clinic was much patronised and appreciated. During the years 1940-41 and 1942, similar conditions prevailed, except that the Venereal Diseases Treatment Centre was returned for use again in 1941, and, in 1943, with the virtual cessation of air raid risk in this area, and a tendency for the incidence of infections to show a rise, the number of attendances also began to increase.

Below are set out the main figures for the years 1939 to 1943 inclusive:-

	<u>Syphilis.</u>			<u>Gonorrhoea.</u>	<u>Total</u> <u>Attendances.</u>	<u>Medical Officer's</u> <u>Attention.</u>	<u>Pathological</u>	
	<u>Recent.</u>	<u>Congenital.</u>	<u>Old.</u>				<u>Smears.</u>	<u>Dark Ground</u> <u>Illuminations.</u>
1939.	28	4	28	170	10419	5971	1018	15
1940.	14	3	16	127	6389	4991	841	11
1941.	18	7	18	135	5761	4637	880	12
1942.	15	7	15	95	5069	4223	725	10
1943.	34	8	13	132	5937	4710	941	16

The upward trend seen in the figures for 1943, has been very markedly accelerated during the current year, as will be seen in the next Annual Return.

A word must be said regarding the operation of Regulation 33(b). Experience has proved that it is of some value, though not to the extent anticipated. Not one case has been referred to the Centre in Huddersfield under the compulsory powers of the Regulation, (that is, after two independent notifications of infection have been attributed to the same person), but, on the other hand, quite a number of cases have attended voluntarily following a visit from a Social Worker, after one notification has been made under the Regulation.

The question of the appointment of an Almoner for the Centre was discussed at a Meeting of the Huddersfield Health Committee to which the Medical Officer of the Centre was invited, and it was agreed to use the services of the present Social Workers and Health Nurses for this purpose for the time being. This arrangement has met with definite success.

Before closing this Report, I feel it necessary to stress that there is a rising trend of new infections, especially Syphilis, which will no doubt become marked within the next year or two, and I deplore the considerable numbers of very young girls (from 15 years upwards) who are now arriving at the Centre suffering from recently acquired Syphilis and Gonorrhoea.

Though this may be largely due to lack of parental control, or the absence of the parents upon War Service, I find that in some cases the parents appear to take few steps to safeguard these young girls, and I would suggest the possibility of some suitable talks to these girls in their last school term, either by their school mistresses or by some Social Worker.

It is with great pleasure that I put on record my thanks to the Sisters, Nurses, and Male Orderly, who have worked in the Department during the last five years, often under difficult conditions.

They have done all in their power to make the work of the Department successful, and they play no small part in retaining the confidence and maintaining the continuance of attendance of the patients.

I also wish to thank the Honorary Staff of the Huddersfield Royal Infirmary for their co-operation and help, and finally the Medical Officer of Health for his ready help and support at all times.

(Signed) DENTON GUEST, M.D.,

Medical Officer in Charge of Venereal Diseases Scheme.

County Borough of Huddersfield.

VENEREAL DISEASES.

Specimens sent from Huddersfield to the Public Health Laboratory, Manchester.

1939, 1940, 1941, 1942, and 1943.

Analysis of Specimens Examined.

	CLINIC.				INFIRMARY.				PUBLIC HEALTH DEPARTMENT.				PRIVATE DOCTORS.				TOTAL				GRAND TOTAL
	Negative	Positive	Doubtful	TOTAL	Negative	Positive	Doubtful	TOTAL	Negative	Positive	Doubtful	TOTAL	Negative	Positive	Doubtful	TOTAL	Negative	Positive	Doubtful	TOTAL	
1939.	865	189	37	1091	328	3	3	334	60	14	1	75	73	19	3	95	1326	225	44	1595	5050
1940.	577	86	15	678	35	-	-	35	65	7	1	73	49	5	2	56	726	98	18	842	
1941.	557	157	29	743	-	-	-	-	40	13	1	54	59	15	2	76	656	185	32	873	
1942.	536	130	18	684	-	-	-	-	52	5	1	58	61	8	2	71	649	143	21	813	
1943.	566	128	33	727	1	-	-	1	52	6	3	61	116	18	4	138	735	152	40	927	
1939.	22	3	1	26	101	2	-	103	2	1	-	3	1	-	-	1	126	6	1	133	
1940.	74	2	-	76	-	-	-	-	11	-	-	11	-	-	1	1	85	2	1	88	
1941.	83	4	-	87	-	-	-	-	8	1	-	9	1	2	-	3	92	7	-	99	
1942.	104	4	-	108	-	-	-	-	1	-	-	1	-	3	-	3	105	7	-	112	
1943.	79	5	1	85	-	-	-	-	3	2	-	5	1	2	-	3	83	9	1	93	
1939.	3	3	-	6	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	6	
1940.	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
1941.	1	1	1	3	-	-	-	-	-	1	-	1	-	-	-	1	1	2	1	4	
1942.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	
1943.	1	5	-	6	-	-	-	-	-	1	1	2	-	-	-	-	1	6	1	8	
1939.	58	14	3	75	13	1	-	14	-	-	-	-	6	2	-	8	77	17	3	97	
1940.	20	12	6	38	-	-	-	-	-	-	-	-	4	2	-	6	24	14	6	44	
1941.	33	12	4	49	-	-	-	-	-	-	-	-	2	-	-	2	35	12	4	51	
1942.	15	3	2	20	-	-	-	-	1	-	-	1	3	1	2	6	19	4	4	27	
1943.	19	8	6	33	-	-	-	-	2	-	-	2	13	-	1	14	34	8	7	49	
1939.	948	209	41	1198	442	6	3	451	62	15	1	78	80	21	3	104	1532	251	48	1831	
1940.	671	102	21	794	35	-	-	35	76	7	1	84	53	7	3	63	835	116	25	976	
1941.	674	174	34	882	-	-	-	-	48	15	1	64	62	17	2	81	784	206	37	1027	
1942.	655	137	20	812	-	-	-	-	54	5	1	60	64	13	4	81	773	155	25	953	
1943.	665	146	40	851	1	-	-	1	57	9	4	70	130	20	5	155	853	175	49	1077	
GRAND TOTAL:	3613	768	156	4537	478	6	3	487	297	51	8	356	389	78	17	484	4777	903	184	5864	

Number of Specimens examined. No. not examined owing to unsatisfactory condition on arrival at Laboratory. Number of Specimens sent for examination:	1939.	1940.	1941.	1942.	1943.	TOTAL.
	1831	976	1027	953	1077	5864
	32	22	13	7	10	84
	1863	998	1040	960	1087	5948

VENEREAL DISEASES SERVICES RENDERED AT THE HUDDERSFIELD TREATMENT CENTRE AND IN HOSPITAL DURING THE YEARS 1939, 1940, 1941, 1942 and 1943.

The following Table shows the services rendered at the Treatment Centre and in Hospital during the period under review, classified according to the area in which the patients resided:-

Name of County Borough or County in which person treated ordinarily resides.	Huddersfield County Borough.	Keel Riding.	Bradford.	Burnley.	Dewsbury.	Halifax.	Kent.	Leeds.	London.	Manchester.	Northumberland.	East Riding.	Army.	A.T.S.	Bolton.	Cheshire.	Doncaster.	Lancashire.	Huddersfield.	Salop.	North Riding.	Navy.	Midlothian.	Stockport.	U.S.A.A.	R.A.F.	Hertfordshire.	South Shields.	Wakefield.	TOTAL.
	1939. 1940. 1941. 1942. 1943.	250 192 184 166 226	94 77 75 60 100	1 - - 2 -	2 - - - 1	- - 1 - 2	1 - - - 1	1 - - - 1	- - - - 1	- - - - -	- - - - -	- - - - -	- 1 2 49 23 29	- 2 1 - 1	- - - - -	- - - - -	- 1 - - -	- 1 - - -	- - - - -	- - - - -	- - - - -	- - - 3 7	- - - 1 1	- - - - 1	- - - - -	- - - - -	- - - - -	- - - - -	349 277 310 252 363	
Number of cases dealt with at Treatment Centre for the first time.	1939. 1940. 1941. 1942. 1943.	250 192 184 166 226	94 77 75 60 100	1 - - 2 -	2 - - - 1	- - 1 - 2	1 - - - 1	1 - - - 1	- - - - 1	- - - - -	- - - - -	- 1 2 49 23 29	- 2 1 - 1	- - - - -	- - - - -	- 1 - - -	- 1 - - -	- - - - -	- - - - -	- - - - -	- - - 3 7	- - - 1 1	- - - - 1	- - - - -	- - - - -	- - - - -	- - - - -	10,419 6,389 5,761 5,069 5,937		
Total attendances.	1939. 1940. 1941. 1942. 1943.	7670 4691 3827 3478 3884	2643 1604 1447 1346 1807	43 - - 4 8	1 2 - - -	3 5 - - 2	8 - 3 - 3	1 - - - 1	29 29 13 18 43	5 2 5 2 4	1 1 - - -	15 - - - -	- 9 447 215 161	- 32 8 - 3	- 4 9 - -	- 1 - - -	- 2 - - -	- 2 2 - -	- 2 2 - -	- 2 - - -	- - - 3 7	- - - 1 1	- - - - 1	- - - - -	- - - - -	- - - - -	- - - - -	10,419 6,389 5,761 5,069 5,937		

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