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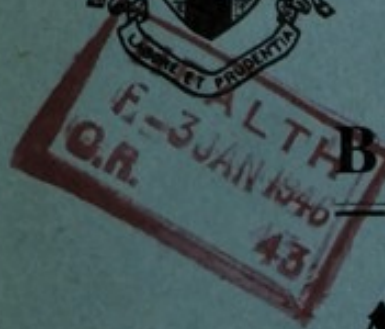
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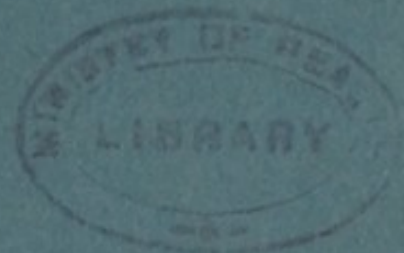
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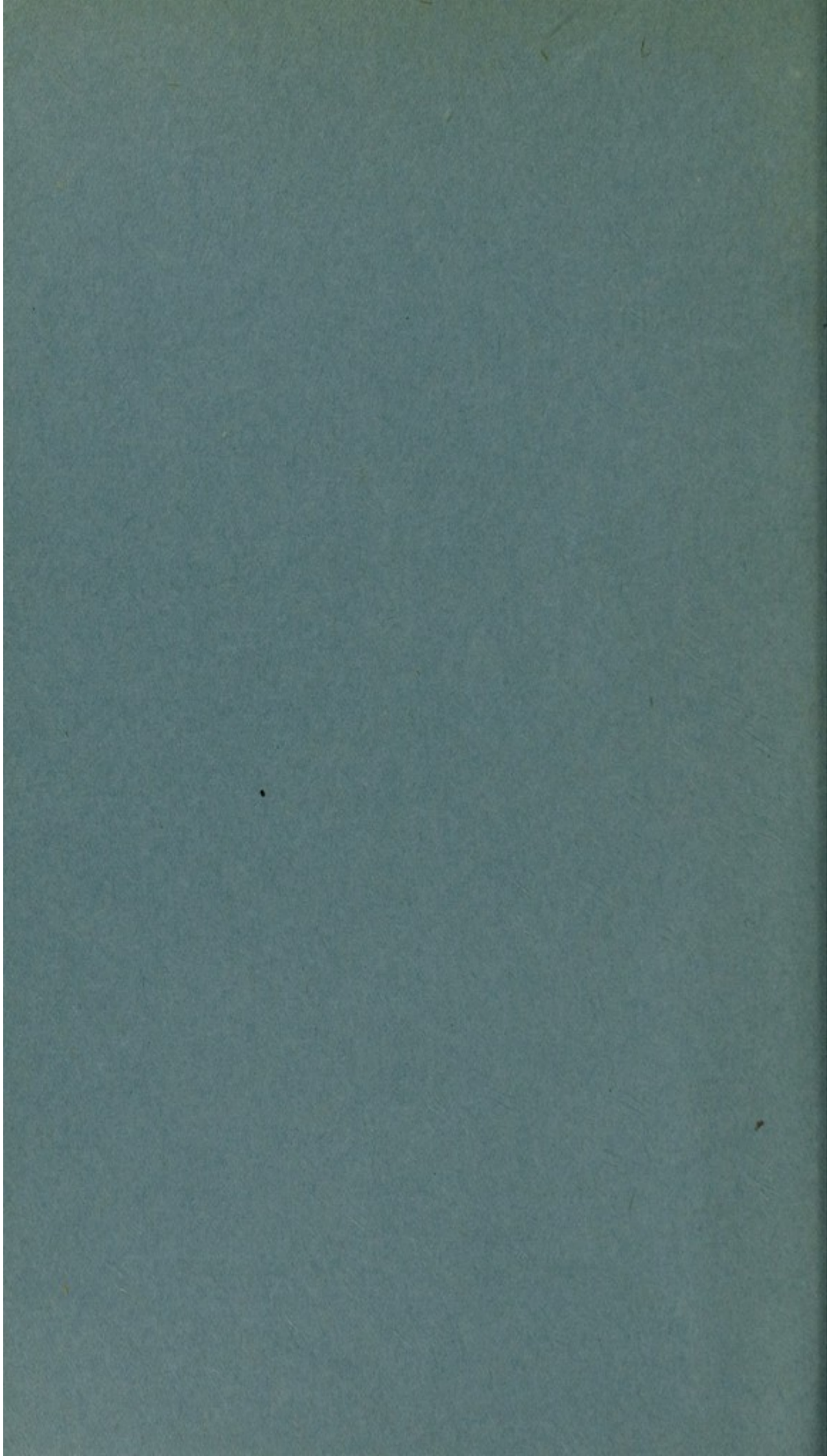


Borough of Brighouse

Annual Report
of the
Public Health Services
of the Borough of Brighouse
1944



BETHIA M. NEWLANDS, M.B., Ch.B., D.P.H.
ACTING MEDICAL OFFICER OF HEALTH





Borough of Brighouse

Annual Report

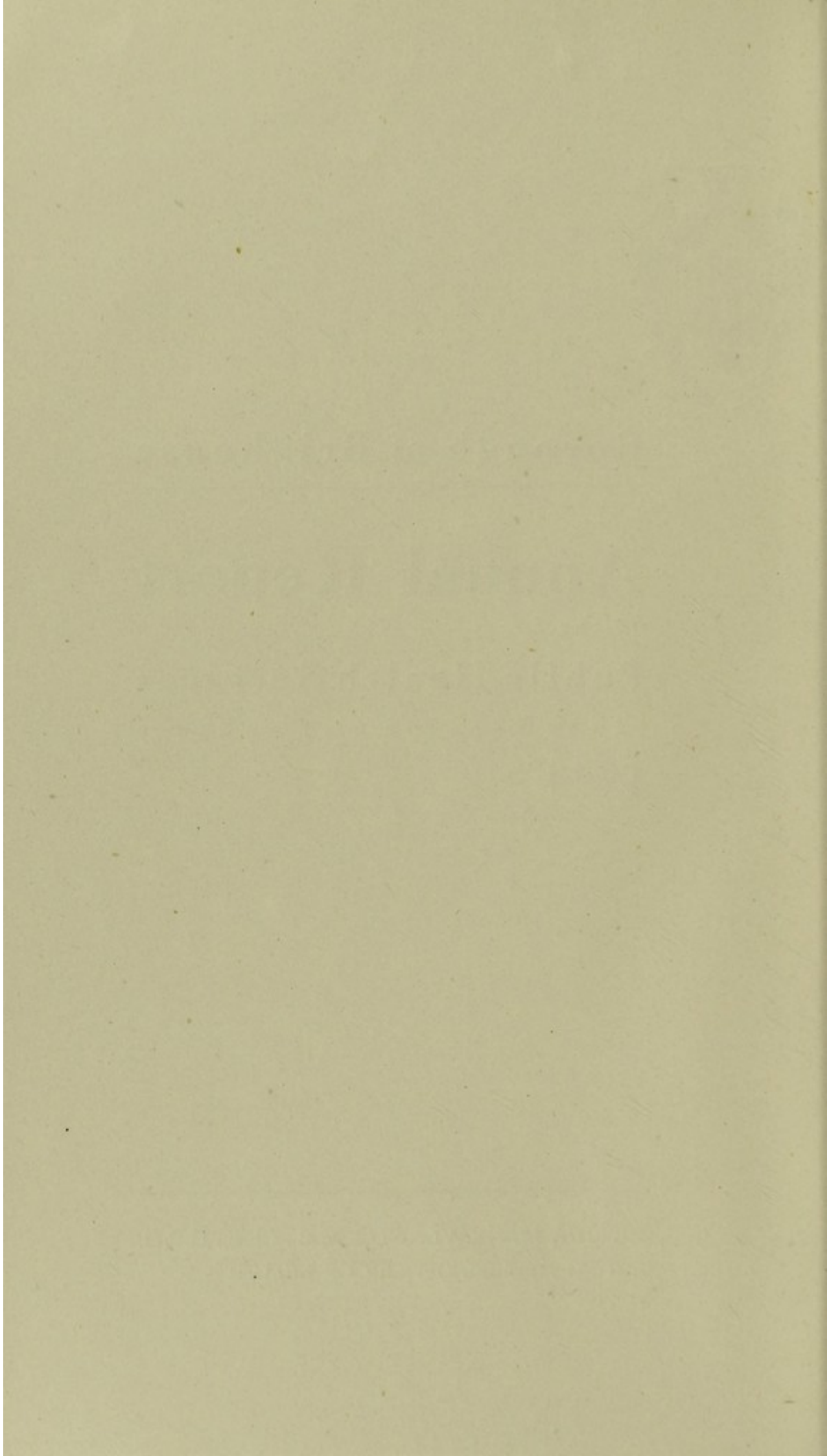
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of the Borough of Brighouse

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ACTING MEDICAL OFFICER OF HEALTH



Borough of Brighouse

HEALTH COMMITTEE

(As at December 30th, 1944).

His Worship the Mayor :

Alderman J. V. F. BOTTOMLEY, J.P.

Chairman :

Councillor H. ARMITAGE.

Vice-Chairman :

Councillor E. HUDSON.

Alderman BUNCE,	Councillor POSTLETHWAITE,
.. CHEETHAM,	.. ROBERTS,
.. MARSHALL,	.. TATTERSALL,
Councillor BOTTOMLEY,	.. W. WHITELEY,
.. KITSON,	.. WILKINSON.

CHILD WELFARE SUB-COMMITTEE.

His Worship the Mayor (Alderman J. V. F. Bottomley, J.P.).

Councillor H. ARMITAGE (Chairman).

Councillor E. HUDSON (Vice-Chairman).

Councillor BOTTOMLEY,	Councillor W. WHITELEY,
.. KITSON,	Mrs. J. A. BROOK,
.. POSTLETHWAITE,	Mrs. M. PICKARD.
.. ROBERTS.	

One Lady from Hipperholme
 One Lady from Southowram
 One Representative from Clifton
 and Hartshead Nursing Association

In an advisory capacity.

HEALTH DEPARTMENT

PUBLIC HEALTH OFFICERS.

Acting Medical Officer of Health :

BETHIA M. NEWLANDS, M.B., Ch.B., D.P.H. Also
Acting School Medical Officer, Borough of Brighouse ; Acting Medical Superintendent, Brighouse Isolation Hospital.

Assistant Medical Officer for M. & C.W.:

*DOROTHY W. HEYNEMANN, M.B., Ch.B.

Panel of Consulting Obstetricians and Gynæcologists :

*D. W. CURRIE, M.R.C.S., L.R.C.P., M.B., F.R.C.S. (Eng.).

*W. S. DICKSON, B.A., M.D., Ch.B., M.A.O.

*W. D. GALLOWAY, M.R.C.S., L.R.C.P., F.R.C.S. (Edin.),
F.R.C.S. (Eng.).

*B. L. JEAFFRESON, M.D., F.R.C.S., M.C.O.G.

*H. A. RIPPINER, M.B., Ch.B., F.R.C.S. (Edin.).

Orthopædic Surgeon :

*H. L. CROCKATT, M.B., Ch.B.

Oculist :

*R. W. GREATOREX, M.B., Ch.B.

Dental Officer :

*F. SWIRE, L.D.S., R.F.P.S. (Glasgow).

Chief Sanitary Inspector and Cleansing Superintendent :

C. R. MOSS, F. Inst. P.C., F.S.I.A.

Ollet Gold Medallist—Sanitary Inspectors' Association.

Assoc. M. Inst. San. Engineers.

Cert. Royal Sanitary Institute.

Cert. Inspector of Meat and Foods, R.S.I.

Cert. Institute of Public Cleansing.

Additional Sanitary Inspectors :

R. F. FRY. (Resigned 15th November, 1944).

Cert. of Sanitary Inspectors' Examination Board.

Cert. Inspector of Meat and Foods.

Member of Sanitary Inspectors' Association.

*Part Time.

- R. BERRY (Called up for Military Service, Jan., 1941).
 Cert. of Sanitary Inspectors' Examination Board.
 Cert. Inspector of Meat and Foods.
 Member of Sanitary Inspectors' Association.
- L. D. ASHWORTH (Appointed Jan., 1943). (Temporary).
 Cert. of Sanitary Inspectors' Examination Board.
 Member of Sanitary Inspectors' Association.

Health Visitors :

- Miss E. CHARLESWORTH.
 Certs. General Nursing and C.M.B.
- Miss M. LATIMER, S.R.N., S.C.M.
 Health Visitor's Certificate.
 Queen's Nurse.
- Miss K. MITCHELL, S.R.N., S.C.M., S.R.F.N.
 Health Visitor's Certificate.

Municipal Midwives :

- Miss F. E. ALLEN, S.C.M.
- Miss F. A. CLEMENT, S.R.N., S.C.M.
- Miss M. E. THOMPSON, S.R.N., S.C.M.
- Miss E. V. CROSSLEY, S.R.N., S.C.M.

Home Helps :

- *Mrs. M. LETTEN.
- *Miss M. J. GLOVER.
- *Mrs. A. PENDLEBURY.

Clerks—Health Section :

- R. ASPDEN (Called up for Service, Jan., 1941).
 Mrs. A. BARRACLOUGH (Temporary).
 Miss J. HORNER.
 Miss M. STIRK (Temporary, appointed 28th Aug., 1944).

Clerks—Cleansing and Sanitary Section :

- N. N. MORRIS (Called up for Service, Aug., 1942).
 Mrs. B. ROBERTS (Temporary).

*Part Time.

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

Mr. Mayor, Mrs. Tattersall and Gentlemen,

I have the honour to submit to you the annual report relating to the health of the Borough of Brighouse and the work of the Health Department during 1944.

Vital statistics show in one respect an improved trend with an increased birth-rate, the highest since 1921, and a decreased death-rate. There have been 504 live births, as against 403 deaths. Illegitimacy has not augmented the birth-rate so much as in 1943, when there were twice as many illegitimate births compared with 1944. The death-rate in infants under one year of age, unfortunately, minimises to some extent this balance of births over deaths. Of the 29 children who died within the first year of life, 19 were neo-natal deaths, that is within the first month of life. Prematurity—or prematurity associated with congenital deformity—accounted for 10 of these deaths.

There has, fortunately, been a decrease in the cancer death-rate, the rate per 1,000 of the population being 1.87, compared with 2.7 in 1943. The death-rate from Tuberculosis is practically the same as last year, but during the year fewer new cases of this disease were notified than in 1943.

The attendances at the ante-natal and infant welfare centres have been satisfactory; the number of new expectant mothers, children attending for the first time and the total attendances of mothers and children all showing an increase over last year. The post-natal attendances have again been small, but it is felt that while one would like to see a full attendance for routine post-natal examination, those who particularly wish advice do attend. Many mothers, too, are given advice on their own health when they make their first attendances at the centres with their new babies.

The three war-time day nurseries have continued to function, although there have been staffing difficulties both on the nursing and domestic side. There is no doubt that the mothers appreciate the care given to their children attending these nurseries. The two nursery students trained at Wellholme Park obtained the Diploma of the National Society of Children's Nurseries.

Regarding infectious disease, I have to report that in addition to deaths from pneumonia and tuberculosis, two children died from diphtheria, two infants from whooping cough, and one infant

from cerebro-spinal fever. The eighteen cases of diphtheria include six carriers, all of whom were treated in the Isolation Hospital till free from infection.

Scabies cases have again been somewhat numerous, although many have not been severely infected. The Hipperholme First Aid Post ceased to be available as a treatment centre on 15th November, but when the year ended the Brighouse First Aid Post was still in use for all cases from the Borough.

During the latter half of the year the Health Department played its part in the care of the children who came from Southern England as part of a mass evacuation from flying bombs. All the mothers and children were medically examined on arrival; all expectant mothers in this number received special visits and also attention at the ante-natal clinics; arrangements also were made for their confinements in hospital. Through the most helpful co-operation of the Governors of the Smith Orphan Homes and the Superintendent and Matron, accommodation was provided at the Orphanage during the absence on holiday of the normal residents for the children who could not otherwise be looked after while their mothers were in hospital.

In conclusion, I wish to thank the Chairmen, Vice-Chairmen and all members of the Committees concerned for their support during the year. The Chief Sanitary Inspector and all other members of the staff of the Health Department, both outdoor and indoor, have given me much assistance by their co-operation. To them also and to the Chief Officers of other departments, who have always been helpful, I wish to express my thanks.

I am, Mr. Mayor, Mrs. Tattersall and Gentlemen,

Your obedient servant,

BETHIA M. NEWLANDS,

Acting Medical Officer of Health.

November, 1945.

ADOPTIVE ACTS, BYELAWS, Etc.

These are set out in the 1939 Report.

ANNUAL REPORT OF THE MEDICAL OFFICER OF
HEALTH FOR THE YEAR 1944.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

AREA (in Acres)	7,875
POPULATION : Census, 1931, 30,404. 1944 (est.)	27,840
AVERAGE NUMBER OF PERSONS PER ACRE	3.5
NUMBER OF INHABITED HOUSES	10,400
AVERAGE NUMBER OF INHABITED HOUSES PER ACRE	1.3
AVERAGE NUMBER OF PERSONS PER HOUSE	2.7
NUMBER OF HOUSES OVERCROWDED (1939 Estimate)	289
PERCENTAGE OF HOUSES OVERCROWDED	2.78
RATEABLE VALUE	£166,526
PRODUCT OF A PENNY RATE	£664

The manager of the Brighouse Employment Exchange has kindly informed me that there has been no long-term unemployment during the year. The number of unemployed has been extremely small and the persons concerned were out of work for short periods only while changing their form of employment.

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

Live Births—	M.	F.	Totals
Legitimate	234	253	487
Illegitimate	10	7	17
Total	244	260	504

Birth Rate : 18.10 per 1,000 of estimated resident population.

Still Births—	M.	F.	Totals
Legitimate	7	8	15
Illegitimate	—	—	—
Total	7	8	15

Rate per 1,000 total (live and still) births : 28.9.

Deaths—	M.	F.	Totals
	212	191	403

Death Rate : 14.47 per 1,000 of estimated resident population.

Deaths from Maternal Causes—	Deaths	Rate per 1,000 total (live & still) Births
Puerperal Sepsis	1	1.93
Other Maternal Causes	—	—
Total	1	1.93

Death Rate of Infants under one year of age—

All Infants per 1,000 live births	57.54
Legitimate Infants per 1,000 legitimate live births	47.23
Illegitimate Infants per 1,000 Illegitimate live births	35.3

Deaths from Diseases of the Heart and Circulation (all ages)

114

Deaths from Cancer (all ages)

52

Deaths from Measles (all ages)

—

Deaths from Whooping Cough (all ages)

2

Deaths from Diarrhœa (under 2 years of age)

2

TABLE 1.

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL DEATH RATES AND CASE RATES OF CERTAIN INFECTIOUS DISEASES IN THE YEAR 1944 for England and Wales, London, 126 Great Towns, 148 Smaller Towns and Brighouse.

(Provisional Figures based on weekly and quarterly Returns).

	England and Wales	126 County Boro's and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Administrative County	Brighouse
Rates per 1,000 Population					
Births—					
Live	17.6	20.3	20.9	15.0	18.10
Still	0.50	0.64	0.61	0.42	0.54
Deaths—					
All Causes	11.6	13.7	12.4	15.7	14.47
Typhoid and Paratyphoid Fevers	0.00	0.00	0.00	0.00	0.00
Smallpox	0.00	—	—	—	0.00
Measles	0.01	0.01	0.01	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.03	0.03	0.02	0.04	0.07
Diphtheria	0.02	0.03	0.03	0.01	0.07
Influenza	0.12	0.10	0.11	0.08	0.03
Notifications—					
Typhoid Fever	0.01	0.01	0.01	0.01	0.00
Paratyphoid Fever	0.01	0.00	0.01	0.01	0.00
Cerebro-Spinal Fever	0.05	0.06	0.04	0.06	0.04
Scarlet Fever	2.40	2.41	2.67	1.57	3.38
Whooping Cough	2.49	2.49	2.29	2.90	0.72
Diphtheria	0.58	0.67	0.69	0.31	0.64
Erysipelas	0.29	0.32	0.28	0.37	0.18
Smallpox	0.00	0.00	0.00	0.00	0.00
Measles	4.16	4.51	3.94	2.98	2.08
Pneumonia	0.97	1.13	0.82	0.93	0.68
Rates per 1,000 Live Births					
Deaths under 1 year of age	46	52	44	61	57.54
Deaths from Diarrhœa and Enteritis under 2 years of age	4.8	7.3	4.4	10.1	3.97
Rates per 1,000 Total Births (i.e. Live and Still)					
Maternal Mortality—					
Puerperal Infections	0.28				1.93
Others	1.25		Not available		0.00
Total	1.53				1.93
Notifications—					
Puerperal Pyrexia	10.34	13.13	9.25	14.14 (including Puerperal Fever)	11.56

TABLE 2.

CAUSES OF DEATH OF BRIGHOUSE RESIDENTS IN 1944.

Causes of Death.	M.	1944.		Total.
		All Ages.	F.	
1. Typhoid and Paratyphoid Fevers ...	—	—	—	—
2. Cerebro-Spinal Fever	1	—	—	1
3. Scarlet Fever	—	—	—	—
4. Whooping Cough	—	2	—	2
5. Diphtheria	1	1	—	2
6. Tuberculosis of Respiratory System ...	6	6	—	12
7. Tuberculosis—other forms	2	—	—	2
8. Syphilitic Diseases	3	—	—	3
9. Influenza	—	1	—	1
10. Measles	—	—	—	—
11. Ac. polio-myel and Polio-enceph. ...	—	—	—	—
12. Ac. Inf. Enceph.	—	—	—	—
13. Cancer	21	31	—	52
14. Diabetes	—	3	—	3
15. Intra-Cran. Vasc. Lesions	24	32	—	56
16. Heart Disease	47	52	—	99
17. Other Diseases of Circ. System	11	4	—	15
18. Bronchitis	15	6	—	21
19. Pneumonia	9	2	—	11
20. Other Resp. Diseases	6	3	—	9
21. Ulcer of Stomach or Duodenum	1	2	—	3
22. Diarrhoea, under 2 years	—	2	—	2
23. Appendicitis	—	1	—	1
24. Other digestive Diseases	4	4	—	8
25. Nephritis	12	3	—	15
26. Puerperal and Post-Abort. Sepsis ...	—	1	—	1
27. Other Maternal Causes	—	—	—	—
28. Premature Birth	6	3	—	9
29. Congenital malformation: birth. inj. inf- ant. dis.	7	—	—	7
30. Suicide	5	2	—	7
31. Road Traffic Accidents	4	—	—	4
32. Other Violent Causes	8	6	—	14
33. All other causes	19	24	—	43
Totals	212	191	—	403

VITAL STATISTICS.

The estimate of the population of Brighouse is the mid-year estimate of the Registrar General. His estimate is 27,840, compared with the mid-year estimate of 28,500 for 1943. He considers, therefore, that the population had decreased by 660.

The birth rate for the year is 18.10 per 1,000 of the population. This is 1.68 above the rate for the previous year, 0.5 above the rate for England and Wales, and 2.8 below the rate for the 148 Small Towns.

There were 17 illegitimate births, representing 3.37 per cent. of the total live births and an illegitimate birth rate of 0.61 per 1,000 of the estimated population.

During the year there were 15 still-births, none of which was illegitimate. This gives a rate of 28.9 per 1,000 (live and still) births, or 0.54 per thousand of the population, this latter figure being 0.04 more than the rate based on population for England and Wales.

The Death Rate for the Borough is 14.47 per 1,000 of the population. This is 1.91 less than the rate for last year and 2.87 above the rate for England and Wales.

The chief causes of death this year were, in order of frequency :—

1. Diseases of the Heart and Circulation—170 (compared with 206 in 1943).
2. Pneumonia, Bronchitis, Influenza and other respiratory diseases—42 (compared with 69 in 1943).
3. Cancer—52 (compared with 77 in 1943).

The Infantile Mortality Rate, or the Death Rate of Infants under 1 year of age per 1,000 live births, is 57.54—an increase of 14.81 compared with 1943.

There was one maternal death during the year, giving the figure 1.93 compared with the maternal mortality rate of 1.53 per 1,000 live and still births for England and Wales and with last year's Brighouse rate of 10.55.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Laboratory Facilities.

The County Laboratory, Wakefield, continues to receive clinical material and water samples for bacteriological examination, while chemical analysis is carried out by Messrs. F. W. Richardson and A. Jaffe, Bradford, the County Analysts.

Ambulance Facilities.

The arrangements for the removal of cases by ambulance are the same as described in the 1943 Report, cases of infectious disease being removed by the vehicle stationed at the Isolation Hospital, Clifton, and other cases by the two vehicles available at the Civil Defence Ambulance Transport Depot.

Nursing in the Home.

The position as described in the 1938 Report is unchanged.

Clinics and Treatment Centres.

Up to date information concerning these was recorded on page 14 of the 1943 Report.

Scabies Treatment.

The arrangement whereby the Civil Defence First Aid Posts were made available for the treatment of scabies cases and Civil Defence personnel agreed to carry it out, has continued.

During the year the following number of cases was treated :

Brighouse First Aid Post	.....	163
Hipperholme First Aid Post	.....	45 (closed 15th November)

Of that number, 15 cases were recurrences and 6 did not attend for completion of treatment.

HOSPITALS.

A. Fever.

The Corporation continues to administer the Isolation Hospital at Clifton, where there are 37 beds, including three small single rooms used for cubicle nursing. The Hospital also receives cases from the neighbouring Elland area.

B. Smallpox.

By agreement with Halifax Corporation any cases of Smallpox occurring in the Borough may be sent to the Mount Tabor Hospital, Halifax. No case of Smallpox occurred in the Borough.

C. Tuberculosis.

Patients suffering from Tuberculosis and contacts are under the care of the West Riding County Council. The Tuberculosis Dispensary for out-patients is held at Mill House, Huddersfield Road, where a West Riding Tuberculosis Officer attends once weekly to conduct examinations. Where hospital treatment is necessary arrangements are made for admission to Sanatoria under the County Council's control.

D. Maternity.

Provision is made for the admission to Halifax General Hospital of maternity cases where there is illness in the ante-natal period, where an abnormality is expected, or where the home conditions are unsatisfactory for confinement, and for cases of Puerperal Pyrexia. An arrangement is also in force for the admission of abnormal cases to Leeds Maternity Hospital or to Huddersfield Royal Infirmary, following examination by an obstetrician on the panel of Consultants who serve the Borough.

E. General.

Other cases requiring general medical or surgical treatment, whether as hospital out-patients or in-patients, have the choice of the hospitals in the neighbouring cities of Leeds and Bradford, and County Boroughs of Halifax and Huddersfield.

MATERNITY AND CHILD WELFARE.**Midwifery and Maternity Services.**

No alterations or innovations were introduced during the year.

The extended Consultant Service, which was described in detail in the 1943 Report, has proved valuable both to patients and to medical practitioners in the town. During the year 15 cases were examined by consultants; in 2 of these cases admission to Hospital was advised.

Ante-Natal Clinics.

There has been no change in the arrangements for Ante-Natal Clinics during the year.

TABLE 3.**Attendances at the Ante-Natal Clinics.**

	1939	1940	1941	1942	1943	1944
Number of Sessions	147	144	143	151	166	174
Number of new expectant mothers ...	197	224	240	220	230	245
Total number of individual expectant mothers	236	239	283	280	277	307
Total number of attendances	840	1043	942	1096	1275	1400
Average number of patients per session	5.7	7.28	6.58	7.25	7.68	8.04
Percentage of total notified births represented by total number of expectant mothers attending ...	56	65	72.37	61.1	58.43	59.25

Table 4, on page 15, shows the results of an investigation of 470 pregnancies, and it will be seen that 97.43 per cent. of the cases investigated were under medical supervision during pregnancy.

TABLE 4.

The Percentage of 470 Investigated Cases in which Medical Ante-Natal Care was given in 1944.

	Primiparae.		Multiparae.		All Mothers.	
	Number	Per Cent.	Number	Per Cent.	Number	Per Cent.
Cases investigated	171	—	299	—	470	—
Attended Brighthouse Ante-Natal Clinics	47	27.48	182	60.87	229	48.72
Attended Hospital Ante-Natal Clinics	59	34.5	42	14.04	101	21.48
Attended own Doctors ante-natally	62	36.25	66	22.07	128	27.23
Total who received medical ante-natal care	168	98.23	290	96.98	458	97.43

Consultant Ante-Natal Clinic.

The arrangement whereby patients can be sent to the Halifax General Hospital either from the clinics, or by their own doctors, for examination by Mr. Bryan Jeaffreson, who is a Consultant on the staff at that hospital, continues to work satisfactorily.

Post-Natal Attendances.

The practice of inviting post-natal cases to attend at any ante-natal session was continued. The number of individual mothers who attended during the year was 61, while the number of attendances made was 69. The number of mothers attending post-natally represents 27% of those attending the Brighthouse clinics ante-natally and 35% of those patients delivered at home by the midwives.

Domiciliary Midwifery Scheme.

The work done by the midwives is set out in Table 5 which follows.

TABLE 5.
Work done by the Municipal Midwives during 1944.

Labours conducted :	(a) as midwives	...	...	...	...	...	172
	(b) as maternity nurses	...	...	...	...	...	13
	(c) total	...	...	...	...	...	185
Ante-natal visits	...	...	...	...	...	...	1,236
Post-natal visits	...	...	...	...	...	...	2,708

Home Helps.

During the year, home helps were provided in 19 cases, with an average attendance of 12 days per case. 14 of these cases were attended during the mother's confinement and puerperium, 4 cases were attended ante-natally and one case post-natally.

Dental Scheme.

During the year, 17 expectant and nursing mothers (new cases) were referred for treatment, 13 of whom accepted treatment. The total number treated during 1944 was 36.

Infant Welfare Clinics.

In November of this year the services of Dr. R. Smellie and Dr. L. B. Heseltine, general medical practitioners in the town, were engaged to assist at the Huddersfield Road Infant Welfare Centre, as Dr. Dorothy Heynemann was unable to continue attending for so many sessions as she had been formerly. Dr. Smellie agreed to attend at two sessions per month and Dr. Heseltine at one session per month with, in addition, the fifth session in the month which occurs quarterly.

The work of the respective clinics is set out in Table 6, which follows.

TABLE 6.

Attendances at the respective Infant Welfare Clinics in 1944.

	Huddersfield Road	Hipperholme	Southowram	Totals
Number of Sessions	100	48	50	198
Individual Children attending ...	562	317	159	1038
Children attending for the first time	294	157	58	509
Medical Consultations	1551	827	381	2759
Average number of medical con- sultations per session	15.51	17.2	7.62	13.1
Attendances of children under 1 year	3376	1677	665	5718
Attendances of children over 1 year	998	500	438	1936
Total attendances	4374	2177	1103	7654
Average attendances per ses- sion	43.7	45.4	22.1	38.7
Highest attendance at one ses- sion	73	73	39	

Breast Feeding.

There was an increase in the percentage of babies breast fed during the year, compared with the previous one. These figures are shown in Table 7, while the percentages in whom breast feeding was abandoned before the end of the first month, grouped under three main causes, is shown in Table 7a. A further analysis of the 113 cases, comprising the figures of the latter table, is set out below.

Reasons for Abandoning Breast Feeding.**A. Maternal.**

	No. of Cases.
(a) General health of mother (obstetric causes anæmia, twin pregnancy, heart disease, mental shock)	26
(b) Local condition (breast abscess, defective nipples)	13
(c) Failure of milk without known cause	27

B. Infant.

Prematurity, illness, unknown cause	3
---	---

C. Others.

(a) Adopted babies	8
(b) Mother working (illegitimate babies)	6
(c) Mother working (legitimate babies)	7
(d) Lack of perseverance	23

Six of the seventeen illegitimate babies born during the year were not breast fed. There were six deaths of illegitimate babies, but in no case was death attributable to bottle-feeding.

TABLE 7.

Year.	Percentage breast fed + supplements at 7th month.	Percentage wholly breast fed for 1, 2, 3, 4 or 5 months.	Percentage breast + bottle fed for 1, 2, 3 4 or 5 months.	Total percentage wholly or partly breast fed.
1944	37.98	22.87	12.5	73.35
1943	34.0	20.0	12.0	66.0
1942	40.5	11.7	3.3	55.5
1941	48.0	24.0	10.0	92.0
1940	44.0	18.0	16.0	78.0
1939	48.0	16.0	11.0	75.0
1938	52.0	28.0	8.0	88.0
1937	54.0	26.0	7.0	87.0
1936	45.0	27.2	8.0	83.2
1935	44.0	29.0	8.0	81.0

TABLE 7a.

Year.	Maternal causes.	Infant causes.	Other causes.
1944	58.4	2.7	38.9
1943	71.5	3.2	25.3
1942	69.3	4.0	26.7
1941	68.7	7.0	24.3
1940	77.4	7.6	15.0
1939	82.0	4.0	14.0
1938	84.0	3.0	13.0
1937	73.3	8.4	18.3
1936	80.0	2.0	18.0

Cod Liver Oil in both liquid and capsule forms, Iron Tablets, Calcium Tablets, Wheat Germ Oil Capsules and Vitamin C. Tablets are provided at the clinic at cost price.

The Voluntary Helpers at all three Infant Welfare Centres have again rendered very valuable service. The help which these ladies of the Brighthouse, Hipperholme and Southowram Ladies' Committees have continued to give in spite of the many calls upon their time which the war years have brought, has been much appreciated, and I am glad to record my sincere thanks to them.

Artificial Sunlight Treatment.

The work done is set out in Table 8, which follows, and it will be seen that 103 children received 1,627 exposures, compared with 111 children and 1,368 exposures in 1943.

TABLE 8.
The Work of the Artificial Sunlight Clinics during 1944.

	Brighthouse.	Hipperholme.	Southowram.	Total.
Number of children treated ...	54	37	12	103
Number of exposures ...	860	609	158	1627

By arrangement with the Education Committee 112 school children received artificial sunlight treatment and a total of 1,687 exposures.

Institutional Provision for Mothers or Children.

Provisions for hospital treatment for maternity cases have been referred to on page 13. Should a baby need hospital treatment beyond the usual period after the confinement this also can be provided, while very delicate babies such as premature ones can be admitted to hospital with their mothers immediately after confinement in the home if necessary.

Last year 90 mothers received hospital treatment under the Corporation's scheme, 48 because of unsuitable home conditions, and 42 because of complications.

Orthopædic Treatment.

During the year 20 children were examined by Dr. Crockatt, Orthopædic Surgeon; 4 were cases of paralysis, one was a case of congenital dislocation of one hip-joint who had formerly been treated in the Adela Shaw Orthopædic Hospital, and the remaining 15 were cases of mild degrees of flat foot and knock knee. No children were admitted to the Adela Shaw Hospital during the year, but one boy was discharged. This was a case of severe paralysis of the legs in whom it was possible to effect only slight improvement by operation.

Ophthalmic Scheme.

During 1944, 11 pre-school children were examined by Dr. Greatorex. Spectacles were prescribed in 9 cases, and other treatment in 2 cases. Of these cases 8 suffered from squint, one from myopic astigmatism, one from hypermetropic astigmatism, one from anisometropia (unequal vision).

Health Visitors.

There were one Health Visitor and two Nurses combining the duties of Health Visitor and School Nurse in the service of the Corporation in 1944. During the year they attended at the various ante-natal, infant welfare, and artificial sunlight clinics and they paid the following number of home visits.

TABLE 9.
Visits paid by the Health Visitors in 1943 and 1944.

	1943	1944
Visits to New Births	436	483
Visits to Still Births	4	11
Visits to Children under 1 year	987	905
Visits to Children 1 to 5 years	1216	1820
Visits to Expectant Mothers	64	119
Total ...	2707	3338

SPECIAL CLEANLINESS INSPECTIONS.

The inauguration of these special inspections was described in the 1943 Report. From the figures recorded it will be seen that little uncleanliness was found. Children under 5 years of age do, of course, get considerable attention from their mothers and also have had little opportunity to acquire any uncleanliness through school contacts. The Health Visitors report that the mothers welcomed advice for maintaining cleanliness.

Head Inspections 1944 :—**A. By Health Visitors.**

Children under 5.	Number examined	584
	Number with lice	2
	Number with nits	21
Expectant mothers.	Number examined	—
	Number with lice	—
	Number with nits	—
Adolescent girls advised	3	
Number of special home visits	8	

B. By Midwives.

Expectant mothers.	Number examined	135
	Number with lice	2
	Number with nits	3

CHILD LIFE PROTECTION.

Number of persons on Register who were receiving children
for reward at the end of the year 2

Number of children on register :—

- (1) At the end of the year 2
 (2) Who died during the year —
 (3) On whom inquests were held during the year —

Number of Infant Protection Visitors at end of year :—

3 Health Visitors.

No proceedings were taken during the year, one sanction was given, and no orders were obtained by the Local Authority.

ADOPTION OF CHILDREN.

During the year 6 cases were dealt with under the Act, the inspection of homes prior to adoption being carried out by the Health Visitors.

WAR-TIME NURSERIES.

Attendances.

	Wellholme Park.	Holme House.	Ogden Lane.
No. on register on 31st Dec., 1943 ...	44	27	27
No. on register on 31st Dec., 1944 ...	38	19	22

Wellholme Park Nursery has again been the one most used, as its position in the Borough suits the convenience of more mothers who are employed than do the other nurseries.

The incidence of infectious disease shown below was not high, the disease most prevalent being chicken-pox, which was also the disease furnishing the highest number of notifications for the Borough during 1944.

Chicken Pox	.....	.....	.....	28
Measles	.....	.....	.....	21
German Measles	.....	.....	.....	2
Mumps	.....	.....	.....	4

There were also 7 cases of Impetigo and one case of Scabies.

Any children requiring Ultra Violet Light treatment, or who were due for diphtheria immunisation, were brought to the Infant Welfare Centres by nursery staff, so that no benefits were lost to the children through their mothers being engaged at work.

The general health of the children was very good, and the value of nursery life in helping the social and mental development of the children was again proved. With very few exceptions the children settled down quickly after admission.

SANITARY CIRCUMSTANCES IN THE AREA.

Water Supply.

Of the 10,400 inhabited houses in the Borough, 10,316 are on the public supply, which has remained satisfactory as regards quantity and quality throughout the year. With the exception of three houses supplied by stand-pipe, all those on public supply receive water directly to the houses. The remaining houses have private supplies derived from springs and wells, the majority of which are frequently contaminated by animal pollution.

I am obliged to Mr. Lawson, the Water Engineer, for the following information concerning the extensions and renewals of mains carried out during 1944 :—

Extensions.

No mains extensions have been carried out during the year.

Replacements.

80 yards 3 inch main by 4 inch—Lillands Lane, Rastrick.
135 yards 3 inch main by 4 inch—Aire Street, Rastrick.
116 yards 3 inch main—William Street, Rastrick.

Drainage and Sewerage.

I have been informed by Mr. H. A. Sneezum, the Borough Engineer, that no sewer extensions were made during 1944; approximately 400 houses are not connected to sewers.

Rivers and Streams.

The West Riding Rivers Board is the supervising Authority. No complaints regarding the pollution of any streams in the area were received in the Health Department during the year.

Public Cleansing.

Full details regarding Public Cleansing are given by the Cleansing Superintendent on pages 35—47.

Sanitary Inspection of the Area.

The work done during the year is set out in tabular form in the Sanitary Inspectors's Report on page 43.

Smoke Abatement.

No observations of smoke emission were taken during the year.

Public Baths.

I am obliged to Mr. W. Cockroft, the Baths Manager, for the following statement of the attendances of bathers during 1943 and 1944.

Mixed—

	1943	1944
Mixed Bathing	8336	11523

Females—

Ladies	777	686
Girls 2d.	2188	2111
Girls' 1d. Tickets	2139	2037
Girls' Swimming Classes	3889	5115
Ladies' Club and Season Tickets	1264	1766
Ladies' Slipper Baths	855	1247

Males—

Men	4057	1588
Boys 2d.	5159	2786
Boys' Swimming Classes	3749	5588
Boys' 1d. Tickets	662	611
Youth Movement at 1½d.	44	—
Military	12154	4086
Men's Slipper Baths	7751	6504
Men's Club and Season Tickets	1087	1381
	<hr/>	<hr/>
	54111	47029
	<hr/>	<hr/>

The record day was 7th June, with a return of 496 bathers.

Schools.

There is nothing new to report.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

The position is as described in the Chief Sanitary Inspector's Report. Special reference is made there to Resazurin test for the keeping quality of milk.

Meat and Other Foods.

A detailed statement regarding the action taken with regard to meat and other foods is given in the Sanitary Inspector's Report.

Adulteration, etc.

The administration of the Food and Drugs Act is carried out by the West Riding County Council.

Chemical and Bacteriological Examinations of Food.

Samples of foodstuffs for chemical and bacteriological examinations are taken by the County Council.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

General.

The notifiable diseases most prevalent during 1944 were Scarlet Fever, Measles and Chicken Pox.

Diphtheria Immunisation.

Children were immunised at the Infant Welfare Centres, at a special morning session at Huddersfield Road Centre and in the Schools.

The prophylactics used are two doses each 0.5 c.c. Alum Precipitated Toxoid for children under 8 years, and 0.5 c.c of the same material for the re-inforcing dose. For children over 8 years Toxoid Antitoxin Floccules are used, three doses of 1.0 c.c. each.

The practice of giving one re-inforcing dose of 0.5c.c. A.P.T. to previously immunised children on reaching the age of four and a half to five years was continued.

301 pre-school children and 409 school children received complete treatment, increasing the number of immunised children in the Borough to 2910. 165 children received a re-inforcing dose.

NOTIFIABLE DISEASES.

Diphtheria.

During 1944 there were 18 cases of Diphtheria in the Borough with two deaths, compared with 12 cases in 1943, with no deaths. Five of the cases had been immunised.

Smallpox.

No cases of Smallpox occurred during 1944.

Puerperal Pyrexia.

Six cases of Puerperal Pyrexia were notified as occurring in the Borough during 1944; three of these patients were confined in hospital and three in their own homes.

Ophthalmia Neonatorum.

No case of Ophthalmia Neonatorum was notified during the year.

Pneumonia.

19 cases of Pneumonia were reported, compared with 25 in 1943. There were eleven deaths.

Tuberculosis.

The statistics relating to Tuberculosis are presented in tabular form in Table 12.

No action has been found necessary under the Public Health (Prevention of Tuberculosis) Regulation, 1925, nor under the Public Health Act, 1936, Section 172.

Cerebro Spinal Fever.

One case of Cerebro Spinal Fever was notified during 1944, compared with 3 cases in 1943. This case, a baby of three months, died.

Acute Anterior Poliomyelitis.

No case of Acute Anterior Poliomyelitis was notified during 1944.

Scarlet Fever.

During 1944 there were 94 cases of Scarlet Fever, compared with 80 in 1943.

Enteric Fever.

No case was notified during 1944.

Chicken Pox.

This is still a notifiable disease in Brighouse and, during the year, 217 cases were notified, compared with 127 during 1943.

Erysipelas.

There were 5 cases of Erysipelas during the year, three less than in 1943.

Measles.

58 cases were notified during the year, compared with 153 cases last year. There were no deaths.

Whooping Cough.

This year there were 20 cases of Whooping Cough notified, compared with 140 cases in 1943. There were two deaths.

NON-NOTIFIABLE DISEASES.

Information concerning these is derived from the returns of deaths and from the returns given by the Education Welfare Officer.

Mumps and German Measles.

There were 121 cases of Mumps brought to our notice in the Schools, compared with 17 cases in 1943, and 28 cases of German Measles, compared with 156 in 1943.

Cancer.

52 deaths—21 males and 31 females—were registered as being caused by some form of malignant disease. These figures show a decrease of 25 cases—21 males but only 3 females—over the 1943 figures.

Residents in the Borough can be dealt with under the County Scheme for the treatment of patients suffering from Cancer. The existing arrangement is that they may be sent directly to the Bradford Radium Institute by their medical attendants.

PREVENTION OF BLINDNESS.

No action was taken during 1943 under Section 176 of the Public Health Act, 1936, for the prevention of blindness or for the treatment of persons suffering from any disease or injury to the eyes; the necessary arrangements under this section of the Act are carried out by the County Council.

TABLE 10.
MONTHLY NOTIFICATIONS OF INFECTIOUS DISEASES DURING 1944.

Month	Cerebro-Spinal	Enteric Fever	Scarlet Fever	Tuberculosis		Pneumonia	Erysipelas	Diphtheria	Chickenpox	Ophthalmia Neonatorum	Puerperal Pyrexia	Measles	Whooping Cough	Anti-Poliomyelitis	Dysentery	Totals
				Lungs	Other											
January	...	—	4	1	—	3	—	1	24	—	—	—	5	—	—	38
February	...	—	23	—	1	3	1	2	32	—	—	—	2	—	—	65
March	...	—	8	1	2	—	—	2	24	—	—	—	—	—	—	37
April	...	—	9	2	—	3	2	2	27	—	1	—	—	—	—	46
May	...	—	6	1	2	—	—	2	17	—	—	—	—	—	—	28
June	...	—	7	—	1	1	—	—	36	—	1	1	—	—	—	47
July	...	—	5	3	2	1	—	2	21	—	1	—	—	—	—	35
August	...	—	9	1	—	—	—	—	13	—	—	3	3	—	—	29
September	...	—	8	2	1	2	1	2	9	—	1	12	—	—	—	38
October	...	—	6	1	1	1	—	1	6	—	1	7	5	—	1	30
November	...	—	2	—	—	3	—	1	3	—	1	10	1	—	1	22
December	...	—	7	—	—	2	1	2	4	—	—	25	4	—	—	45
Totals	...	1	94	12	10	19	5	17	216	—	6	58	20	—	2	460

TABLE 11.
NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS)
AND HOSPITAL ADMISSIONS DURING THE YEAR 1944.

Disease.	Cases Notified.	Admitted to Hospital.	Total Deaths.
Measles	58	1	—
Whooping Cough	20	—	2
Smallpox	—	—	—
Enteric Fever	—	—	—
Scarlet Fever	94	70	—
Diphtheria	18	18	—
Pneumonia	19	—	11
Erysipelas	5	—	—
Chickenpox	217	—	—
Ophthalmia Neonatorum	—	—	—
Puerperal Pyrexia	6	—	—
Cerebro Spinal Fever	1	1	1
Acute Poliomyelitis	—	—	—
Dysentery	2	—	—
Totals	440	89	14

TABLE 12.
TUBERCULOSIS—New Cases and Mortality during 1944.

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	1	—	—	—
5	—	—	3	1	—	—	—	—
10	—	1	1	1	—	—	—	—
15	—	—	1	—	—	—	—	—
20	—	—	—	—	—	—	—	—
25	1	3	2	1	1	3	—	—
35	3	2	—	—	1	—	—	—
45	—	—	—	—	2	1	—	—
55	1	—	—	—	1	—	—	—
65 and upwards	—	1	—	—	—	2	—	—
Totals	5	7	7	3	6	6	2	—

TABLE 13.
OPHTHALMIA NEONATORUM.

Notified.	Cases Treated		Vision unimpaired.	Vision impaired.	Total Blindness.	Deaths.
	At Home.	In Hospital.				
—	—	—	—	—	—	—

TABLE 14.
ANNUAL INCIDENCE OF VARIOUS INFECTIOUS
DISEASES IN BRIGHOUSE SINCE 1893.

Year	Small- Pox	Scarlet Fever	Diph- theria	Ent'e Fever	Erysi- pelas	Tuberculosis			Pneu- monia
						Lungs	Other	Total	
1893	19	152	3	9	21				
1894	—	31	8	31	10				
1895	—	40	7	25	16				
1896	—	46	5	30	24				
1897	—	66	6	21	36				
1898	—	86	5	22	33				
1899	—	195	11	17	20				
1900	—	95	17	16	16				
1901	—	34	44	6	14				
1902	12	51	20	8	12				
1903	13	48	3	3	3				
1904	69	39	6	4	5				
1905	—	57	10	16	13				
1906	—	68	12	9	15				
1907	—	23	37	8	7				
1908	—	25	24	6	8				
1909	—	124	19	7	7				
1910	—	45	12	3	6				
1911	—	22	9	5	7				
1912	—	56	6	1	7				
1913	—	122	6	1	7	62	11	73	
1914	—	203	24	3	14	42	12	54	
1915	—	60	99	2	16	35	17	52	
1916	—	20	36	3	5	24	8	32	
1917	—	13	15	1	3	57	16	73	
1918	—	22	14	—	4	71	8	79	
1919	—	39	11	3	7	40	11	51	
1920	—	27	13	—	13	27	8	35	14
1921	—	151	13	—	3	21	6	27	7
1922	—	72	8	1	18	17	8	25	14
1923	—	71	6	1	5	15	9	24	9
1924	—	65	6	3	3	26	11	37	20
1925	2	62	2	1	11	22	17	39	13
1926	—	18	4	1	7	30	14	44	11
1927	30	15	3	2	2	24	8	32	22
1928	5	37	3	1	6	22	8	30	8
1929	—	207	7	6	3	16	9	25	17
1930	5	179	24	1	4	18	15	33	10
1931	9	40	19	1	6	21	12	33	14
1932	—	41	18	3	9	24	7	31	16
1933	—	38	11	2	11	27	16	43	16
1934	—	27	15	1	8	5	4	9	5
1935	—	86	13	—	11	13	5	18	12
1936	—	80	11	—	4	15	7	22	7
1937	—	91	26	1	11	20	8	28	30
1938	—	70	32	—	19	22	11	33	31
1939	—	36	22	—	19	18	6	24	32
1940	—	28	11	3	17	19	7	26	36
1941	—	49	27	1	8	18	5	23	23
1942	—	102	12	—	5	14	4	18	18
1943	—	80	16	—	8	22	5	27	25
1944	—	94	18	—	5	12	10	22	19
Totals	164	3548	809	289	552	819	303	1122	429
Av'rg's	3.1	68.2	15.5	5.6	10.6	25.6	9.5	35.1	17.1

TABLE 15.
 BIRTH RATE, STILL BIRTH RATE, INFANTILE MORTALITY RATE AND DEATHS FROM
 DIARRHOEA FOR 10 YEAR PERIODS FROM 1896.

Decade	Live Births Rate per 1,000 of the Population		Still Births Rate per 1,000 Total Births	Infantile Mortality Rate		Total Deaths of Infants from Still Birth and Failure to survive 1st year of life. Rate per 1,000 total births	Death Rate from Diarrhoea under 2 years of age, per 1,000 live births	
	Brighouse	England & Wales		Brighouse	England & Wales		Brighouse	England & Wales
1896-1905	23.70	28.8	not known	139	147	not known	8.4	31.4
1906-1915	18.44	24.8	49.6	94	123	133.8	6.4	22.3
1916-1925	15.6	20.1	47.77	81	83	117.9	6.1	9.8
1926-1935	12.3	15.8	54.7	63	65	114	3.5	6.3
1936-1942 7 years	13.43	14.9	35.56	58.29	55	91.7	3.59	5.2
Year 1943	16.42	16.5	12.06	42.73	49	54.87	2.14	5.3
Year 1944	18.01	17.6	28.9	57.54	46	84.78	3.97	4.8

TABLE 16.
DEATHS FROM SPECIFIED CAUSES SINCE 1896.
BOROUGH OF BRIGHOUSE.

Decade	Maternal Mortality Death Rate per 1,000 Total Births	Deaths from Various Causes—Rates per 1,000 Population												
		Typhoid and Para typhoid Fever	Small- Pox	Meas- les	Scar- let Fever	Whoop- ing Cough	Diph- theria	Influ- enza	Can- cer	Tuberculosis			All Causes	
										Lungs	Other	Total	B'house	Engl'd & Wales
1896-1905	4.06	0.08	0.02	0.32	0.17	0.23	0.16	0.15	0.66	1.58	0.39	1.97	15.25	16.8
1906-1915	6.38	0.05	0.00	0.30	0.06	0.17	0.25	0.12	0.93	1.29	0.41	1.70	13.68	14.3
1916-1925	5.60	0.02	0.00	0.11	0.05	0.14	0.09	0.85	1.23	1.12	0.36	1.48	14.71	13.3
1926-1935	5.25	0.02	0.00	0.01	0.02	0.03	0.06	0.53	1.75	0.76	0.18	0.94	13.84	12.05
1936-1942 7 years	3.82	0.01	0.00	0.01	0.02	0.03	0.04	0.25	1.80	0.42	0.13	0.55	14.78	12.18
Year 1943	10.55	0.00	0.00	0.00	0.00	0.14	0.00	0.56	2.70	0.52	0.03	0.55	16.38	12.1
Year 1944	1.93	0.00	0.00	0.00	0.00	0.07	0.07	0.03	1.87	0.43	0.07	0.50	14.47	11.6

TABLE 17.
BOROUGH OF BRIGHOUSE.
TOTAL DEATHS FROM CERTAIN SPECIFIED CAUSES, AVERAGE DEATHS PER ANNUM,
AND NOTIFICATIONS AND CASE MORTALITY OF CERTAIN INFECTIOUS DISEASES SINCE
1894.

	Maternal Mortality			Typhoid and Para Small- pox	Meas- les	Scar- let Fever	Whoop- ing Cough	Diph- theria	Influ- enza	Can- cer	Tuberculosis		
	Puer- peral Sepsis	Other Puer- peral Causes	Total								Lungs	Other	Total
Total Deaths since Incorporation of Borough, 1894	20	64	84	44	4	68	147	135	410	1446	1199	299	1498
Average Deaths Per Annum ...	.39	1.25	1.64	.86	.07	1.33	2.88	2.64	8.03	28.35	23.51	5.86	29.37
Total Infectious Diseases Notified ...	—	—	—	289	164	3548	Notifi- able only since 1939 1941	809	Not Notifi- able	Not an Infect- ious Dis- ease	819	503 Notifi- able since 1913	1120 1913
Case Mortality Rate per 100 Cases ...	—	—	—	15.2	2.44	1.92	3.09	16.7	—	—	70.57	54.12	66.25
							6 d'ths since 1939				578 d'ths since 1913	164 d'ths since 1913	742 d'ths since 1913

TABLE 18.

ANNUAL BIRTHS, STILL BIRTHS AND INFANTILE MORTALITY IN BRIGHOUSE SINCE THE INCORPORATION OF THE BOROUGH, 1894.

Year	Population	Total Births	Stillbirths		Live Births		Birth Rate for England and Wales	Deaths of Infants under 1 year	Infantile Mortality Rate per 1,000 live births		Total Deaths of Infants from Stillbirth or failure to survive 1st year of life		Deaths from Diarrhoea under 2 years of age			
			No.	Rate per 1000 total Births	No.	Rate per 1000 of population			Brighouse	England and Wales	Stillbirths and Deaths under 1 year of age	Rate per 1000 total births	Brighouse		England and Wales	
													No.	Rate per 1000 live births	No.	Rate per 1000 live births
1894	21,043				571	27.13	29.6	65	113.83	137			1	1.7	14.35	
1895	21,153				573	27.08	30.3	76		132			15	26.2	33.85	
1896	21,238				547	26.83	29.7	77		141			5	9.1	23.71	
1897	21,347				573	26.84	29.7	74		129			4	6.9	36.33	
1898	21,466				549	25.37	29.4	108		198			13	23.7	41.93	
1899	21,570				503	23.31	29.3	61		128			2	3.97	44.90	
1900	21,690				513	23.63	28.9	75		151			1	1.97	32.16	
1901	21,780				516	23.69	28.5	91		176			11	21.3	36.66	
1902	21,960				492	22.40	28.6	63		125					17.07	
1903	21,983				501	22.78	28.4	60		120			4	7.99	21.92	
1904	22,076				477	21.67	27.9	53		106			2	4.19	34.78	
1905	22,100				454	20.54	27.2	54		111			2	4.41	25.02	
1906	22,196				460	20.72	27.0	65		141			5	10.90	36.73	
1907	22,280	442	20	45.25	422	18.94	26.3	42		99	62	140.3			14.76	
1908	22,365	475	23	48.32	452	20.21	26.5	47		104	70	147.6	3	6.64	24.04	
1909	22,455	428	17	39.72	411	18.30	25.6	40		97	109	133.2	1	2.43	14.97	
1910	22,520	427	24	56.26	403	17.89	24.8	36		89	105	140.5	2	4.96	15.69	
1911	20,843	391	24	61.64	367	17.57	24.4	29		79	130	135.5	9	24.50	44.04	
1912	20,900	377	18	47.74	359	17.77	23.8	29		81	195	124.4			9.18	
1913	20,960	397	24	60.41	373	17.79	23.9	25		67	108	123.4	2	5.34	24.20	
1914	21,020	398	17	42.71	381	18.12	23.8	29		76	105	115.1	1	2.62	21.05	
1915	21,100	361	16	44.32	345	17.10	21.8	36	104	110	52	144.0	2	5.79	18.86	
1916	19,748	366	21	57.38	345	16.06	21.6	21	61	91	42	114.8			12.47	
1917	19,332	310	15	48.40	295	13.68	17.8	26	88.4	96	41	132.3	6	2.03	12.18	
1918	19,364				304	14.01	17.7	36	118	97					10.99	
1919	21,000	304	11	36.18	293	14.01	18.5	26	88.6	89	37	121.3	1	3.4	9.59	
1920	20,871	445	22	49.44	423	20.27	25.4	31	73.16	80	53	119.1			8.3	
1921	20,610	416	22	52.90	394	19.12	22.4	38	111.0	83	60	144.2	4	10.2	15.5	
1922	20,670				331	16.01	20.6	31	96.6	77			8	24.1	6.2	
1923	20,390	299	14	46.82	285	13.48	19.7	16	56.14	69	30	100.4	3	10.52	7.7	
1924	20,100	314	19	60.51	295	14.66	18.8	13	44	75	32	101.9	3	10.8	7.3	
1925	19,920	303	9	29.70	294	14.70	18.3	24	81.6	75	33	108.9	1	3.4	8.4	
1926	19,440	311	17	54.66	294	15.1	17.8	14	47	70	31	99.7	1	5.4	8.7	
1927	19,380	267	11	41.20	256	13.2	16.7	23	90	69	34	127.3			6.3	
1928	19,460	264	12	45.45	252	12.9	16.7	11	44	65	23	87.1	1	4.0	7.0	
1929	19,640	267	18	67.41	249	12.1	16.3	20	80	74	38	142.3	2	8.0	8.1	
1930	19,640	242	15	61.16	227	11.6	16.3	16	75	60	31	128.1			6.0	
1931	19,940	219	14	63.9	205	10.3	15.8	15	73.2	66	29	132.4			6.0	
1932	19,740	263	8	30.4	255	12.9	15.3	20	78.4	65	28	106.4	1	3.91	6.6	
1933	19,670	213	8	37.6	205	10.4	14.4	10	48.4	64	18	84.5			7.1	
1934	19,550	266	16	64.00	250	12.78	14.8	15	64.00	59	31	116.6	2	8.0	5.5	
1935	19,510	258	21	81.40	237	12.15	14.7	9	37.97	57	30	116.3	1	4.22	5.7	
1936	19,430	231	7	30.30	224	11.53	14.8	19	84.82	59	26	112.1	4	17.86	5.9	
1937	30,120	425	18	42.35	407	13.51	14.9	17	41.77	58	35	82.4			5.8	
1938	30,140	453	19	41.94	434	14.4	15.1	20	46.08	53	39	86.1			5.5	
1939	29,900	441	19	43.08	422	14.1	15.0	17	40.28	50	36	81.6			4.6	
1940	29,540	365	11	30.10	354	11.98	14.6	27	76.27	55	38	104.1	1	2.80	4.6	
1941	29,680	407	16	39.31	391	13.17	14.2	29	74.16	59	45	110.5			5.1	
1942	29,170	458	10	21.83	448	15.35	15.8	20	44.64	49	30	65.5	2	4.46	5.2	
1943	28,500	474	6	12.66	468	16.42	16.5	20	42.73	49	26	54.8	1	2.13	5.3	
1944	27,840	519	15	28.9	504	18.10	17.6	29	57.54	46	44	84.78	2	3.97	4.8	

ANNUAL REPORT OF THE CHIEF SANITARY INSPECTOR
AND CLEANSING SUPERINTENDENT FOR THE YEAR
1944.

TO HIS WORSHIP THE MAYOR, ALDERMEN AND
COUNCILLORS.

Mr. Mayor, Lady and Gentlemen,

I have pleasure in presenting my Annual Report on the Sanitary and Cleansing Services for the year 1944.

The year in review has been one of great difficulty particularly in connection with the Cleansing Department, where the shortage of labour reached a very acute stage. Changes in Staff also affected the routine work of the Department.

May I again tender my thanks to the Chairman and Members of the Health Committee for their continued support, and to the Medical Officer of Health for her co-operation.

I am, Mr. Mayor, Lady and Gentlemen,

Yours obediently,

C. R. MOSS,

Chief Sanitary Inspector and
Cleansing Superintendent.

SANITARY ACCOMMODATION.

4 additional Water Closets were provided to existing properties.

The following table indicates the numbers of the various types of Sanitary Conveniences in the Borough at the end of the year.

Fresh Water Closets	9,713
Waste Water Closets	95
Pail Closets	249
Privies	151

DRAINAGE.

306 inspections were paid during the year in connection with the repairs and reconstruction of drains to existing houses.

In 51 instances use was made of the smoke test, whilst in 180 instances the use of the colour test was resorted to, and the water test was used 18 times.

PREMISES AND OCCUPATIONS CONTROLLED BY BYELAWS AND REGULATIONS.

(1) Offensive Trades.

The following Offensive Trades are registered :—

Tripe Boilers	2
Soap Boilers	2
Rag and Bone Dealers	2
Fat Melters	1

50 inspections were paid to these premises during the year.

COMMON LODGING HOUSES.

There is one Common Lodging House in the Borough, housing 39 persons. 40 Inspections were paid to the premises during the year and generally the premises were reasonably well conducted, and the Bye Laws of the Council observed.

FACTORIES ACT, 1937.

Bakehouses.

11 inspections were paid during the year to the 29 Bakehouses in the Borough.

Factories (Mechanical and Non-Mechanical).

5 Complaints were received from H.M. Inspector of Factories. The following improvements were carried out at Factory Premises during the year.

Particulars.	Number of Defects.	
	Found.	Remedied.
Absence of intervening ventilated space	1	1
Sanitary Accommodation.		
Absence of doors to W.C.'s	1	1
Absence of fastenings to doors	1	1
Dirty condition	2	2
Unsuitable or defective	1	1
Sanitary Conveniences not properly marked Males and Females	1	1
Defective seat to W.C.	1	1
Not separated for sexes	1	1
Absence of proper screening	1	1

192 Inspections were paid to these premises during the year, and the following additional defects were revealed and action taken :—

Additional W.C.'s required	3	Provide separate and adequate accommodation	2
Dirty condition	5	Defective door	1
Approaches not marked	12	New Sanitary Conveniences required	1
Defective condition of W.C.'s	1	Provide light and ventilation	1
Defective seats	2	Want of Limewashing	3
Provide intervening ventilated space	5	Absence of fasteners	1
Absence of doors	2	Defective ventilators	1
Absence of ventilation	1		

RATS AND MICE (DESTRUCTION) ACT, 1919.

255 inspections and re-inspections were made in relation to rat infestation and advice given in each case.

Continued progress was made in connection with the destruction of rats under the Infestation Order of 1943, and the Specialist

Part-time Rodent Operative has been called in as and when required during the year to carry out the work.

The amount of time spent by the Rodent Operative amounted to 285 hours, involving 33 Infestations.

FOOD INSPECTION AND SUPERVISION.

MILK SUPPLY.

Regular inspection was made to all dairies and cowsheds in the Borough during the past year. We have now 86 Dairy Farms, containing 149 registered cowsheds and housing approximately 1,220 dairy cattle.

It is a matter of regret that the amount of cowshed reconstruction carried out during the year is less than on former occasions. The following is a list of structural alterations carried out :—

Grove Farm, Southowram	3 compartment dairy with steam sterilisation plant provided	1
	New cowshed for 30 cows	1
Nunnery Farm, Rastrick	Steam sterilising equipment provided	1
Lower Place Farm, Southowram	New impervious collecting chamber provided for private water supply	1
Ridge End Farm, Fixby	Cowshed for 4 cows reconstructed	1
Lower Winteredge Farm, Lightcliffe	Cowshed enlarged and reconstructed	1
	2 compartment milk room provided	1

We have on our register 73 Retail Purveyors of Milk, made up as follows :—

61 Producer Retailers in the Borough ;

8 Retailers only ;

4 Producers outside the Borough who retail milk in the Borough.

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936/38.

3 additional farms were granted an "Accredited" Licence during the year.

The proportion of Designated Milks produced are as follows:—

"Tuberculin Tested"	8%
"Accredited"	62%

being a total of 70% of the whole.

The following dealers and supplementary licences were issued during the year:—

Supplementary Licence to retail "Pasteurised"	3
Supplementary Licences to retail "Tuberculin Tested"	3

CHEMICAL EXAMINATION OF MILK.

The work in connection with the sampling of the milk is administered by the West Riding County Council's Inspector and myself, the County Council bearing the cost of sampling and also providing any legal assistance necessary.

92 samples were submitted for analysis during the year, 91 of which were formal samples. 88 samples were reported as genuine, whilst 4 samples were adversely reported upon by the Public Analyst. In 3 instances the Vendors were cautioned by the Legal Department of the West Riding County Council, whilst in the fourth instance legal proceedings were instituted. The summons was later withdrawn, owing to breakage of the bottle containing the third portion.

BACTERIOLOGICAL EXAMINATION OF MILK.

During the year 38 samples of milk were taken in the Borough by officers of this Department for examination at the County Laboratory, Wakefield, in addition to samples being taken by County Council Inspectors at "Accredited" and "Tuberculin Tested" Farms.

EXAMINATION OF MILKS FOR KEEPING QUALITY (RESAZURIN TEST).

During the year under review the Department's Officers co-operated with the Leeds University in connection with the National Milk Testing and Advisory Scheme. No fewer than 1,391 samples were submitted and every endeavour was made to obtain 2 samples per month from each Producer Retailer. Unfortunately, owing to changes in staff, this was not possible, but an endeavour was made to obtain the maximum number of samples. The results are as follows:—

Total Samples Submitted.	No. of Samples classified by the Analyst in Category A.	No. of Samples classified by the Analyst in Category B.	No. of Samples classified by the Analyst in Category C.
1391	1152 82.8%	200 14.3%	39 2.81%

Category A indicates milk of good keeping quality. Category B indicates milk of moderate keeping quality, whilst Category C indicates milk of poor keeping quality.

In connection with samples classified in Category B and C the follow-up work and advice to Producers was undertaken by the Department, in addition to assistance from the Ministry's Advisory Bacteriologist.

MEAT INSPECTION.

Particulars of the animals slaughtered at the Regional Slaughterhouse are given in the following table:—

Month.	Beasts.	Sheep.	Pigs.	Calves.	Total.
January	61	510	2	—	573
February	82	556	20	—	658
March	149	435	17	—	601
April	193	80	4	—	277
May	198	—	3	—	201
June	84	—	2	—	86
July	164	—	3	—	167
August	136	271	—	—	407
September	149	472	1	—	622
October	220	923	2	—	1145
November	125	1404	7	—	1536
December	32	352	57	1	442
Total	1593	5003	118	1	6715

The following are details of the visits paid under this heading during the year to:—

Regional Slaughterhouse	.....	.....	.....	309
Food Shops	.....	.....	.....	55

The following unsound food was condemned and surrendered from shops:—

215 Tins Corned Pork.	3 Tins Sardines.
24½ lbs. Butter.	9 Pkts. Baking Powder.
178 Eggs.	6 Pkts. Cloves.
69 Tins Milk.	1 Tin Brisket Beef.
1 Tin Peas.	1 Pkt. Junket.
13 Tins Beans.	2 Pkts. Gravy Salt.
52 lbs. Jam.	4 Pkts. Pudding Mixture.
1 Tin Beetroot.	12 lbs. Apple Rings.
1 lb. Chutney.	6 Pkts. Salt.
1 cwt. Fish.	46 Pkts. Soup.
16 Tins Salmon.	5 Pkts. Semolina.
8 Tins Chopped Ham.	1 Pkt. Cake Flour.
9 Tins Minced Beef.	½ lb. Macaroni.
7 Tins Pork Sausage.	9 Pkts. Carb. Soda.
32 Tins Pork Luncheon Meat.	20 lbs. Pearl Barley.
79½ lbs. Bacon.	1 Tin Herrings.
159 Tins Corned Beef.	1 Tin Craw Fish.
3 Tins Pilchards.	2 lbs. Raisins.
10 Tins Casserole Steak.	1 Jar Cockles.
	1,155 lbs. Potatoes.

LIST OF UNSOUND MEAT CONDEMNED AND SURRENDERED, GIVING WEIGHTS AND CAUSES OF CONDEMNATION IN MONTHLY ORDER.

	Jan.	Feb.	Mar.	Apr.	May	June	July, Aug.	Sept.	Oct.	Nov.	Dec.	Total Weight
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Tuberculosis ...	422	761	750	644	2701	2444	1636	1472	3553	1734	300	16417
Cirrhosis ...	49	17	18	34	48	54	186	104	404	242	301	1457
Multiple Absces- ses ...	—	22	29	31	86	—	141	39	21	—	29	398
Moribund ...	93	100	—	—	—	—	—	—	669	—	—	862
Mastitis ...	—	—	—	—	—	—	201	—	86	10	—	297
Bruising ...	—	—	—	—	—	—	97	—	20	—	—	117
Dropsy ...	—	—	—	502	—	—	—	—	31	43	—	576
Decomposition	—	—	—	—	30	44	—	53	—	—	—	127
Angiomatosis ...	35	—	—	—	—	—	—	—	36	—	—	71
Emaciation ...	379	—	—	—	—	—	—	—	—	111	—	490
Distomatosis ...	—	—	—	—	—	—	—	—	35	—	—	35
Johnes Disease	—	—	—	—	—	—	—	—	50	—	—	50
TOTAL WEIGHT—9 tons 7 cwts. 1 qtr. 25 lbs.												

SANITARY INSPECTION OF DISTRICT.

Total Number Inspections	6642
Air Raid Shelters	80
Bakehouses	11
Complaints Investigated	385
Cowsheds and Dairies	2052
Caravans	11
Canal Boats	2
Common Lodging Houses	40
Drainage Inspections	306
Dwellinghouses Re-inspected—Housing Acts	147
Dwellinghouses Inspected—Public Health Acts	293
Dwellinghouses Re-inspected—Public Health Acts	752
Dwellinghouses Inspected—Infectious Disease	139
Dwellinghouses Inspected—Disinfestation	8
Dwellinghouses Inspected—Disinfection	105
Factories Inspected	192
Offensive Trades :—	
Fried Fish Premises	22
Fat Rendering Premises	28
Public Conveniences	227
Public Cleansing Service	829
Slaughterhouses	309
Food Shops	55
Rats and Mice (Destruction) Act	255
Drains tested with water	18
Drains tested with smoke	51
Drains tested with colour	180
Works in Progress	78
Food Decontamination Service	44
Private Water Supplies Survey	13
Complaints re Sewer Gas	5
Firewatching Premises	5

SUMMARY OF SANITARY IMPROVEMENTS EFFECTED.

PUBLIC HEALTH ACTS, 1875-1936.

Brighouse Corporation Act, 1907.

Interior of Houses.

Floor repaired	1
Defective Fireplaces renewed	5
Defective Walls repaired	1
New Sink Waste Pipe provided	1

New Glazed Sinks provided	7
Sash Cords Renewed	12
Windows Repaired	6
Walls and Ceilings replastered	1
Sink Waste Pipes repaired	1
Doors repaired	1
Wall Cement rendered	1
Water gaining access to cellar abated	37
Dirty Houses cleansed	2
Dampness abated	1
Vertical damp-proof courses provided	1
Smoke entering living room abated	1

Exterior of Houses.

Defective Eaves Gutters repaired	7
Roofs repaired	13
Rain Water Pipes disconnected from drains	2

Yards and Outbuildings.

Offensive Accumulations removed	1
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Drainage.

Defective Disconnecting Trap removed	1
Drains cleansed from obstruction	57
Defective Drains relaid or repaired	5
Glazed Gulley provided	4
Drains disconnected from wall drain and connected to public Sewer	4
Drains reconstructed	14
Inspection Chamber provided to Drains	14
Premises drained to sewer	3

Water Closets.

W.C. Cisterns repaired	4
Additional W.C.'s provided	4
W.C. Pedestal renewed	3
Waste Water Pipe to W.C. repaired	1

House Refuse Accommodation.

Dilapidated Dustbins renewed	276
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Miscellaneous.

Flea infested premises disinfested with Flake Napthalene	1
Houses fumigated with Cimex	6

Factories.

W.C.'s provided	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Additional Ventilation provided	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
New W.C.'s provided	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Sanitary Conveniences properly marked "Males" and "Females"	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
W.C.'s limewashed	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
W.C.'s cleansed	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

PUBLIC CLEANSING SERVICE.

The Health Committee are responsible for the Cleansing and Disposal of the contents of Ashpits, Privy Middens, Dustbins, Cesspools and Pail Closets, and for the cleansing and maintenance of the Public Sanitary Conveniences.

(1) Storage.

The following are the types of receptacles in use at the 31st March, 1944 :—

Dustbins	.....	.....	.....	.....	.....	.....	.....	.....	.....	8968
Ashpits	.....	.....	.....	.....	.....	.....	.....	.....	.....	23
Privy Middens	.....	.....	.....	.....	.....	.....	.....	.....	.....	151
Pail Closets	.....	.....	.....	.....	.....	.....	.....	.....	.....	249

(2) Refuse Collection Service.

The following table gives the numbers and types of receptacles cleansed, loads collected and tonnage :—

										1944-45
Dustbins	...	...	...	...	...	...	...	...	...	194,756
Ashpits	...	...	...	...	...	...	...	...	...	568
Privy Middens	...	...	...	...	...	...	...	...	...	722
Pail Closets	...	...	...	...	...	...	...	...	...	15,300
Weight in Tons	...	...	...	...	...	...	...	...	...	7,242

The following table gives the particulars of Collection by the Vehicles.

Vehicle.	Weights.					
	T.	C.	Q.			
S.D. Freighter 4	169	12	2
S.D. Freighter 8	2,297	16	0
S.D. Freighter 9	2,040	18	2
Morris 10	1,058	17	2
Dennis 6	1,660	5	0
Morris 5	15	3	2
				7242	13	0

Every endeavour has been made to give as accurately as possible the weight of refuse collected, but only refuse dealt with at the Refuse Disposal Works is actually weighted.

REFUSE DISPOSAL.

The various amounts of refuse disposed of and the method of disposal are as follows:—

	T.	C.	Q.
Refuse disposed of at Refuse Disposal Works	5,034	1	0
Refuse disposed of at Bailiffe Bridge Tip	1,790	12	0
Refuse disposed of at Southowram Tip	418	0	0

SALVAGE.

The year 1944 again witnessed continued activity in respect of the salvage of waste and dormant materials despite the fact of the great difficulties prevailing owing to labour shortage. Further activity in connection with the separate collection of kitchen waste was undertaken, and the record of the year's work in this direction is most gratifying. The following are the details of the monthly returns of salvaged materials recovered, together with the income received from the same:—

Month.	Tonnage of Salvageable Materials recovered.		Revenue.		
	T.	C.	£	s.	d.
April, 1944	95	2	319	15	0
May, 1944	141	15½	341	15	0
June, 1944	90	7¾	337	5	0
July, 1944	115	1¼	548	15	0
August, 1944	250	12½	554	10	0
September, 1944	199	19	642	10	0
October, 1944	173	7¾	329	0	0
November, 1944	176	8½	325	0	0
December, 1944	93	1½	301	15	0
January, 1945	81	18¾	254	5	0
February, 1945	113	10½	295	5	0
March, 1945	90	1	280	10	0
	1621	5¼	£4530	5	0

Of this amount, the sales from the Cleansing Services realised £3,721 18s. 0d., whilst £808 17s. 0d. was from the sales of scrap from other Departments.

REVENUE FROM SALE OF RESIDUALS.

The following is a detailed list of the Department's revenue obtained during the year :—

	£	s.	d.	£	s.	d.
(a) Refuse Collecting :—						
Trade Refuse Charges	48	4	7			
				48	4	7
(b) Salvage :—						
Screened Cinder	50	0	4			
Baled Scrap Tins	166	1	3			
Ferrous Metal	34	18	0			
Non-Ferrous Metals	50	12	2			
Baled Paper	2328	10	11			
Cullett	24	17	7			
Jars and Bottles	60	5	9			
Textiles	266	15	3			
Kitchen Waste	588	5	10			
Dust	3	12	0			
Bones	30	8	7			
Rubber	6	2	0			
Miscellaneous	11	4	4			
				3621	14	0
(c) Miscellaneous :—						
Sale of Dustbins	158	16	0			
Lethal Chamber	16	14	6			
				175	10	6
				£3845	9	1

The amount of the above for the year ending 1915 is \$1,172,105.00, which is the same as the amount reported for the year ending 1914.

REVENUE FROM SALE OF RESIDUALS

The following is a detailed list of the residuals obtained during the year:

(a) Residue Collecting	\$100,000.00
Less: Expense	(20,000.00)
Less: Reserve	(20,000.00)
Total	\$60,000.00
(b) Salvage	\$1,112,105.00
Less: Expense	(100,000.00)
Less: Reserve	(50,000.00)
Total	\$962,105.00
Total	\$1,022,105.00
(c) Miscellaneous	\$150,000.00
Less: Expense	(10,000.00)
Less: Reserve	(5,000.00)
Total	\$135,000.00
Total	\$1,157,105.00

