

**[Report 1945] / Medical Officer of Health, Ilkley U.D.C.**

**Contributors**

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ILKLEY URBAN DISTRICT COUNCIL.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

Public Health Committee.

Councillor Smith (Chairman), Briggs, Colbert, Dean, Hampshire, Hargrave, Hughes, Milnes and Phillips.



Maternity and Child Welfare Committee.

Councillor C.L. Briggs (Chairman), Colbert, Heron, Hampshire, Hargrave, Hughes, Milnes, Phillips and Smith, and 2 co-opted members, Mrs. Ryley (Menston) and Mrs. Simmons (Burley).

J.A. Jones, Solicitor, Clerk to the Council.

Public Health Officers of the Authority.

(a) Medical:- The Public Health Officers of the Authority consist of a part-time Medical Officer of Health, who also carries out the duties of Medical Officer for the Maternity and Child Welfare Clinics.

LEWIS ARTHUR WILLIAMS, M.D., C.M., D.P.H.

(b) Others:-

Chief Sanitary Inspector: J.H. WILSON, M.R.S.I.,  
M.R. San. I.

Health Visitor: MISS M. BENNETT, S.R.N., S.C.M.

As consultants under the Maternity and Child Welfare Act the following gentlemen have agreed to act for the Authority when necessary: MR. ALFRED GOUGH, F.R.C.S., Leeds: MR. A.M. CLAYE, F.R.C.S., Leeds: and members of the staff of the Leeds Maternity Hospital and other recognised Hospitals.

Town Hall, Ilkley.  
2nd September, 1946.

To the Chairman and Members of the  
Ilkley Urban District Council.

Ladies and Gentlemen,

I have pleasure in presenting to you a report on the health of the district for 1945.

I gratefully acknowledge the co-operation and assistance I have received from Mr. Wilson, Chief Sanitary Inspector, and Mr. Skinner, Surveyor and Water Engineer, in the compilation of the information and figures herewith included.

I have the honour to be,  
Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

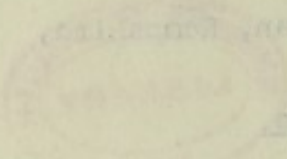
*Lewis A. Williams.*

Medical Officer of Health.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

Public Health Committee

Councillor Smith (Chairman), Briggs, Colbert, Dean, Hartrave, Hartrave, Hobbes, Minns and Phillips



Maternity and Child Welfare Committee

Councillor C.L. Briggs (Chairman), Colbert, Heron, Hartrave, Hartrave, Minns, Phillips and Smith, and 2 co-opted members, Mrs. Ryce (Maternity) and Mrs. Simpson (Nursery)

J.A. Jones, Solicitor, Clerk to the Council

Public Health Officers of the Authority

(a) Medical: - The Public Health Officers of the Authority consist of a part-time Medical Officer of Health, who also carries out the duties of Medical Officer for the Maternity and Child Welfare Clinics.

LESLIE ARTHUR WILLIAMS, M.D., D.P.H., D.P.M.

(b) Others: -

Chief Sanitary Inspector: J.E. WILSON, M.R.C.S.I., M.R. San. I.

Health Visitor: MISS M. BEMETT, B.S.M., B.C.M.

As consultants under the Maternity and Child Welfare Act the following gentlemen have agreed to act for the Authority when necessary: MR. WALTER GOYER, F.R.C.S., Lecturer, MR. A.M. CLAY, F.R.C.S., Lecturer, and members of the staff of the Leslie Maternity Hospital and other recognised hospitals.

Town Hall, Ilkley, And September, 1945

To the Chairman and Members of the Ilkley Urban District Council.

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I have pleasure in presenting to you a report on the health of the district for 1945.

I gratefully acknowledge the co-operation and assistance I have received from Mr. Wilson, Chief Sanitary Inspector, and Mr. Skinner, Surveyor and Water Engineer, in the compilation of the information and figures herewith included.

I have the honour to be, Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

Leslie A. Williams

Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (acres) 8,545 (including 1,560 acres of moorland)	
Registrar-General's estimate of resident population 1945.	17,500
Number of inhabited houses (end of 1945) according to Rate books.	5,059
Rateable Value	£147,703
Sum represented by a penny rate	£591

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

	<u>Total</u>	<u>M</u>	<u>F</u>	
Live births	185	101	84	Birth rate per 1,000 of the estimated resident population 10.99
Still births	1	1	-	Rate per 1,000 (live and still births 5.37
Birth rate for England and Wales				16.1
Deaths	224	109	115	Death rate per 1,000 of the esti- mated resident population 12.06
Death rate for England and Wales				11.4
Deaths from Puerperal causes:				
Puerperal Sepsis	nil			Rate per 1,000 total (live and still) births 5.37
Other puerperal causes	1			
Deaths of infants under one year of age:				
	<u>Total</u>	<u>Male</u>	<u>Female</u>	
All infants under 1 year	4	2	2	
Death rate of infants under one year of age:				21.5
Deaths from Measles (all ages)				nil
"    " Whooping Cough (all ages)				nil
"    " Diarrhoea (under 2 years)				5
"    " Cancer (all ages)				37

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (acres) 6,242 (including 1,700 acres of moorland)  
 Registrar-General's estimate of resident population 17,300  
 Number of inhabited houses (end of 1945) according to Rate Books 2,022  
 Rateable Value 2,047,700  
 Rate represented by a penny rate 25.2

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR

	Total	M	F
Live births	185	101	84
Rate per 1,000 (live and still) births	10.7		
Birth rate per 1,000 of the estimated resident population (19.3)			
Deaths	225	108	117
Rate per 1,000 (live and still) deaths	12.9		
Death rate per 1,000 of the estimated resident population (12.8)			
Deaths from purpural causes	1		
Other purpural causes	1		
Rate per 1,000 (live and still) deaths	12.9		
Deaths from purpural causes			
Other purpural causes			
Rate per 1,000 (live and still) deaths			

Deaths of infants under one year of age:

	Total	Male	Female
All infants under 1 year	4	2	2
Death rate of infants under one year of age	21.6		
Deaths from measles (all ages)	1		
Whooping Cough (all ages)	1		
Diphtheria (under 5 years)	2		
Cancer (all ages)	3		

Deaths at subjoined ages of residents  
whether occurring within or without  
the district.

CAUSES OF DEATH.	AGES								
	All ages	Under 1 year	One year and under 2	2 years and under 5	5 years and under 15	15 years and under 25	25 years and under 45	45 years and under 65	65 years and upwards.
Diarrhoea under 2	5	4	1						
Diphtheria	-								
Pulmonary Tuberculosis	5						2	2	1
Non Pulmonary Tuberculosis.	2					1	1		
Diabetes	-								
Ulcer of Stomach	2							2	
Cancer	37						3	18	16
Organic Heart Disease	89						3	13	73
Pneumonia	5	1			1		1		2
Other diseases of respiratory organs	1								1
Congenital Debility and Malformations including premature birth.	4	3			1				
Violent deaths including suicide	8				1	1		2	4
Apoplexy and cerebral haemorrhage	26						1	6	19
Other diseases of Circulatory system	4							1	3
Nephritis	7							3	4
Digestive Diseases	8					1	1	2	4
Appendicitis	-								
Syphilitic	-								
Other defined diseases	17					1	2	3	11
Maternal Deaths	1					1			
Bronchitis	3							2	1
<b>All causes</b>	<b>224</b>	<b>8</b>	<b>1</b>		<b>3</b>	<b>5</b>	<b>14</b>	<b>54</b>	<b>139</b>



## LABORATORY FACILITIES.

The work is carried out at the West Riding County Council Laboratory, Wakefield. In certain cases of urgency work has been done for the Council by the Pathological Laboratory at Harrogate.

## AMBULANCE FACILITIES.

### (a) General Sickness and Accident Cases.

A motor ambulance garaged at Ilkley is available for use in the whole area. No charge is made for its use within the Ilkley Urban District, but a charge is made when the ambulance is used outside the area. No restrictions are placed upon its use for urgent cases of accident. This year the ambulance was used 256 times, and travelled 6016.1 miles.

### (b) General Infectious Diseases.

No alteration has taken place with regard to the ambulance service. An ambulance is provided by the Wharfedale Union Joint Isolation Hospital Committee at Menston for the conveyance of patients suffering from an infectious disease to the hospital. It is for use within the district served by the hospital. A nurse accompanies the ambulance and no charge is made to patients. The same arrangements apply to the collection of smallpox patients. The cost of provision of this ambulance naturally devolves upon the constituent authorities of the Wharfedale Union.

The rapid collection of infectious bedding is carried out by the Isolation Hospital Authorities, who have provided a special van for this purpose. This arrangement works most satisfactorily.

## NURSING IN THE HOME.

No change has taken place in provision of nursing in the home. The District Nursing Association continues to carry out its duties in a most praiseworthy manner. The association provides three nurses in Ilkley, one in Burley and one in Menston. They are periodically inspected by the County Superintendent and the County Inspector of Midwives.

## CLINICS AND TREATMENT CENTRES.

There has been no change in the number of child welfare clinics in the district.

Children requiring treatment for diseases of the eye or the ear and also those requiring orthopaedic treatment are referred to the Bradford Eye and Ear Hospital, or the Leeds General Infirmary.

The following services are provided under the Maternity and Child Welfare Acts.

Ilkley Child Welfare Clinic - Wednesday, 2-4 p.m.  
Ilkley Ante Natal Clinic - Alternate Thursdays, 2-4 p.m.  
Ilkley Sunlight Clinic - Thursday, 10 a.m. Monday, 2 p.m.  
Burley Child Welfare Clinic - Tuesday, 2-4 p.m.  
Burley Cleansing Station - When required.  
Menston Child Welfare Clinic - Alternate Thursdays, 2-4 p.m.



LABORATORY FACILITIES.

The work is carried out at the West Riding County Council Laboratory, Wakefield. In certain cases of urgency work has been done for the Council by the Pathological Laboratory at Harrogate.

AMBULANCE FACILITIES.

(a) General Sickness and Accident Cases.

A motor ambulance operated at Ilkley is available for use in the whole area. No charge is made for its use within the Ilkley Urban District, but a charge is made when the ambulance is used outside the area. No restrictions are placed upon its use for urgent cases of accident. This year the ambulance was used 250 times, and travelled 6010.1 miles.

(b) General Infectious Diseases.

No alteration has taken place with regard to the ambulance service. An ambulance is provided by the Wakefield Union Joint Infectious Hospital Committee at Ilkley for the conveyance of patients suffering from an infectious disease to the hospital. It is for use within the district served by the hospital. A nurse accompanies the ambulance and no charge is made to patients. The same arrangements apply to the collection of swabs from patients. The cost of provision of this ambulance naturally devolves upon the consistent authorities of the Wakefield Union.

The rapid collection of infectious bedding is carried out by the Infectious Hospital authorities, who have provided a special van for this purpose. This arrangement works most satisfactorily.

NURSING IN THE HOME.

No change has taken place in provision of nursing in the home. The District Nursing Association continues to carry out its duties in a most satisfactory manner. The Association provides three nurses in Ilkley, one in Burley and one in Manston. They are periodically inspected by the County Superintendent and the County Inspector of Nurses.

CLINIC AND TREATMENT CENTRES.

There has been no change in the number of child welfare clinics in the district.

Children requiring treatment for diseases of the eye, ear and nose are referred to the Bradford Eye and Ear Hospital, or the Leeds General Infirmary.

The following services are provided under the Maternity and Child Welfare Acts.

- Ilkley Child Welfare Clinic - Wednesday, 2-4 p.m.
- Ilkley Ante Natal Clinic - Alternate Thursdays, 2-4 p.m.
- Ilkley Daylight Clinic - Thursday, 10 a.m. Monday, 2 p.m.
- Burley Child Welfare Clinic - Tuesday, 2-4 p.m.
- Burley Daylight Station - When required.
- Manston Child Welfare Clinic - Alternate Thursdays, 2-4 p.m.

The following statistics show the work done at the Clinics during the year:-

Total number of children who attended at Centres during the year, and who at the end of the year were:-

(1) under 1 year of age	131
(11) between the ages of 1 & 5 years	457
children who attended for the first time	150
(a) under 1 year of age	44
(b) over 1 year and under 5 years	

Average number of attendances at Centres per session:-

	<u>Ilkley</u>	<u>Burley</u>	<u>Menston</u>
Children under 1 year	23	13	15
Children over 1 year	21	13	17

Total number of attendances during year:- 4009

	<u>Ilkley</u>	<u>Burley</u>	<u>Menston</u>
Children under 1 year	1035	591	392
Children over 1 year	<u>945</u>	<u>599</u>	<u>447</u>
	1980	1190	839

Ante Natal Clinic - 81  
Sunlight Clinic - 859

#### Health Visitors.

One whole-time Health Visitor is provided who also attends at the Clinics. A subscription of £7.7.0 per year is paid to the District Nursing Associations for their help at the Ilkley, Burley and Menston Clinics when the Health Visitor is absent on leave, or through sickness.

The following is a list of visits paid by the Health Visitor during the year 1945.

(1) to expectant mothers (first visits)	68
to expectant mothers (total visits)	126
(11) to children under 1 year (first visits)	217
to children under 1 year (total visits)	924
(111) to children between the ages of 1 and 5	1441

The number of births in the Ilkley Urban District during 1945 was 186

No. of cases admitted to the Nursing Home under the Council's Scheme 47

No. of cases admitted to Maternity Hospitals outside the district for which the Council assumed responsibility under the above Scheme 7

No. of children who have attended the Clinics under arrangements with the West Riding County Council 18

The following statistics show the work done at the Clinics during the year:-

Total number of children who attended at Clinics during the year, and who at the end of the year were:-

(i) under 1 year of age	171
(ii) between the ages of 1 & 5 years	427

children who attended for the first time

(a) under 1 year of age	150
(b) over 1 year and under 5 years	44

Average number of attendances at Clinics per session:-

	Lilly	Burley	Medston
Children under 1 year	28	32	15
Children over 1 year	31	13	17

Total number of attendances during year:-

	Lilly	Burley	Medston
Children under 1 year	1075	571	302
Children over 1 year	945	527	447
	1980	1190	749

Anti Malaria Clinic - 81  
 Sanitary Clinic - 889

Health Visitors

One whole-time Health Visitor is provided who also attends at the Clinics. A subscription of £7.7.0 per year is paid to the District Nursing Association for their help at the Lilly, Burley and Medston Clinics when the Health Visitor is absent on leave, or through sickness.

The following is a list of visits paid by the Health Visitor during the year 1945:-

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to expectant mothers (total visits)	126
(ii) to children under 1 year (first visits)	317
to children under 1 year (total visits)	324
(iii) to children between the ages of 1 and 5	1441

The number of births in the Lilly Urban District during 1945 was 186.

No. of cases referred to the Nursing Home under the Council's Scheme 47

No. of cases admitted to Maternity Hospitals outside the district for which the Council assumed responsibility under the above Scheme 7

No. of children who have attended the Clinics under arrangements with the West Riding County Council 18

## MIDWIFERY AND MATERNITY SERVICES.

No midwives or maternity nurses are employed by the Council. The District Nursing Association undertakes this work. ~~FIVE~~ 8 beds in a local private nursing home are retained by the local authority under the Maternity and Child Welfare Scheme. The minimum payment to the Home is four hundred guineas. Patients are admitted to the Home at the rate of £6.6.0 per week, the whole or part of this being remitted in necessitous cases. The amount recoverable from patients admitted to the Home last year was £269.9.1d, and the number of patients admitted was 47. The total number of days spent in the Home was 658, the average stay being 14 days.

As Consultants under the Maternity and Child Welfare Act, the following gentlemen, who are on the honorary staff of the Leeds Maternity Hospital, have agreed to act for the authority when necessary.

Mr. Alfred Gough, F.R.C.S., Leeds, and  
Mr. A.M. Claye, F.R.C.S., Leeds.

## DENTAL SERVICES.

The provision of urgent dental treatment is carried out for expectant and nursing mothers. There were no such cases during the year 1945.

## MEDICAL SERVICES.

The Council have made arrangements for at least two thorough medical examinations during pregnancy, one during the second month and the second one at the end of the eighth month of pregnancy, and they invite all medical practitioners and midwives practising in the district to make full use of the ante natal services in the area.

## INFANT LIFE PROTECTION (UNDER PART I OF THE CHILDREN ACT, 1908) as amended by the CHILDREN AND YOUNG PERSONS ACT, 1932).

There were four boarded-out children in this district during 1945.

## HOSPITALS.

### PUBLIC AND VOLUNTARY.

There is no hospital belonging to the local authority. The Ilkley Coronation Hospital is a voluntary institution, to which the local authority subscribes £75 annually. This hospital deals with all urgent medical and surgical cases within the district. Cases which do not come within the scope of the treatment afforded by them are sent to the General Infirmary and special hospitals at Leeds and Bradford.

### INFECTIOUS DISEASE.

The following is a list of cases admitted during the year to the Wharfedale Isolation Hospital at Menston:-

Gastro Enteritis	6
Scarlet Fever	50
Diphtheria	7
Erysipelas	1
Puerperal Pyrexia	1
Measles	6
German Measles	1

MILITARY AND NAVAL SERVICE

No military or naval service is reported by the Council. The District Board, Association members this work. The only one to receive honor was retained by the local authority under the Ministry and Child Welfare Board. The minimum payment to the Home is four hundred pounds. Patients are admitted to the Home at the rate of £0.6.0 per week, the whole or part of this being retained in successive years. The amount recovered from patients admitted to the Home last year was £10,918, and the number of patients admitted was 47. The total number of days spent in the Home was 676, the average stay being 14 days.

An Consultant under the Ministry and Child Welfare Act, the following gentlemen, who are on the honorary staff of the Leeds Maternity Hospital, have agreed to act for the authority when necessary.

- Mr. Alfred George, F.R.C.S., Leeds, and
- Mr. A.M. Gray, F.R.C.S., Leeds.

MENTAL SERVICES

The provision of urgent hospital treatment is carried out for expectant and nursing mothers. There were no such cases during the year 1947.

MEDICAL SERVICES

The Council have made arrangements for at least two thorough medical examinations during pregnancy, one during the second month and the second one at the end of the eighth month of pregnancy, and they invite all medical practitioners and midwives practicing in the District to work full use of the ante-natal services in the area.

INFANT LIFE PROTECTION UNDER PART I OF THE CHILDREN ACT, 1932, AS AMENDED BY THE CHILDREN AND YOUTH SERVICES ACT, 1947.

There were four boarded-out children in this District during 1947.

REPORTS

PUBLIC AND VOLUNTARY

There is no hospital belonging to the local authority. The Hillyer Corporation Hospital is a voluntary institution, so that the local authority subscribes £75 annually. This hospital deals with all urgent medical and surgical cases within the district. Cases which do not come within the scope of the treatment afforded by them are sent to the General Infirmary and special hospitals at Leeds and Bradford.

INFECTIOUS DISEASES

The following is a list of cases admitted during the year to the Wharfedale Infirmary Hospital at Thirston:

6	Gastro Enteritis
50	Bacterial Dysentery
3	Diphtheria
1	Erysipelas
1	Puerperal Pyrexia
6	Scarlet
1	German Measles

## PREVENTION OF DIPHTHERIA.

An excellent response is still being made to the advice given with regard to immunisation against Diphtheria. The appended figures show that a great majority of children and juveniles in the area are now protected.

The present position is as follows:-

0 - 5 years 89.5%      5 - 15 years 95.2%

During the year no cases of Diphtheria occurred among children who had been immunised.

The following are the number of children immunised during the years 1940 to 1945.

1940 - 147  
1941 - 701  
1942 - 1212  
1943 - 172  
1944 - 133  
1945 - 126

## TUBERCULOSIS.

The following are the particulars of the cases of tuberculosis notified during the year, and of the deaths resulting from the disease.

Age Periods.	<u>NEW CASES.</u>				<u>DEATHS.</u>			
	Respiratory.		Non- Respiratory.		Respiratory.		Non- Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	-	-	-	-	-	-	-	-
1	-	2	1	-	-	-	-	-
5	-	-	1	1	-	-	-	-
10	-	-	2	1	-	-	-	-
15	2	-	1	-	-	-	1	-
20	1	4	-	1	-	-	-	-
25	3	3	-	1	-	1	-	-
35	-	1	-	1	1	-	1	-
45	3	1	-	-	2	-	-	-
55	3	-	-	1	-	-	-	-
65 & up	1	-	-	-	1	-	-	-
	13	11	5	6	4	1	2	-

## OPHTHALMIA NEONATORUM.

No case of ophthalmia neonatorum was notified during the year.

## Prevention of Blindness.

No action has been found necessary.

PREVENTION OF DIPHTHERIA.

An excellent response is still being made to the advice given with regard to immunisation against Diphtheria. The appended figures show that a great majority of children and juveniles in the area are now protected.

The present position is as follows:-

0 - 5 years 89.5%      5 - 15 years 95.2%

During the year no cases of Diphtheria occurred among children who had been immunised.

The following are the number of children immunised during the years 1940 to 1947.

1940 -	147
1941 -	701
1942 -	1212
1943 -	172
1944 -	137
1945 -	128

TUBERCULOSIS.

The following are the particulars of the cases of tuberculous notified during the year, and of the deaths resulting from the disease.

DEATHS.

NEW CASES.

Age Periods	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	-	-	-	-	-	-	-	-
1	-	-	1	-	-	-	-	-
2	-	-	1	-	-	-	-	-
10	-	-	1	-	-	-	-	-
15	-	-	1	-	-	-	1	-
20	-	-	1	-	-	-	-	-
25	-	-	1	-	-	-	-	-
30	-	-	1	-	-	-	1	-
35	-	-	1	-	-	-	-	-
40	-	-	1	-	-	-	-	-
45	-	-	1	-	-	-	-	-
50	-	-	1	-	-	-	-	-
55	-	-	1	-	-	-	-	-
65 & up	-	-	1	-	-	-	-	-
<hr/>								
12	11	2	6	4	1	1	2	-

OPHTHALMIA NEONATORUM.

No case of ophthalmia neonatorum was notified during the year.

Prevention of Blindness.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

The milk supply of the district maintains a high standard of quality and cleanliness. To obtain this excellence a constant supervision is necessary. I am unable to produce figures concerning the number of milch cows found to be suffering from Tuberculosis, as this inspection and work is in the hands of the West Riding County Council. Their reports continue to show all in the conditions of our milk supply.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

Copies of all analyses, bacteriological examinations, and alterations in the water supply are supplied immediately to the Medical Officer of Health.

The bacteriological purity has been maintained throughout the year.

Annual rainfall during the past six years.

	<u>Ilkley</u>	<u>Burley</u>	<u>Menston</u>
1940	33.88 inches	25.82 inches	30.55 inches
1941	35.86 "	28.19 "	26.51 "
1942	33.32 "	27.96 "	-
1943	34.75 "	30.10 "	-
1944	45.04 "	38.71 "	-
1945	33.58 "	29.28 "	17.95 "

Average analyses of all springs during 1945 in grains per gallon.

Total solids	8.0
Chlorine combined	.8
Nitrates of Nitrites	nil
Free Ammonia	.0018
Albuminoid Ammonia	.0007
Lead	nil
Total Hardness (Clark's Scale)	2.2
pH value	6.7

SUNSHINE RECORD

	<u>No. of Hours.</u>	<u>No. of Days.</u>
January	64.9	17
February	46.3	16
March	103.2	25
April	159.5	26
May	149.64	30
June	148.7	28
July	149.4	31
August	136.0	26
September	87.4	28
October	86.7	24
November	34.4	14
December	40.6	17
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	1208.74	284
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INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY

The milk supply of the district maintains a high standard of quality and of reliability. To obtain this excellence, constant supervision is necessary. I am unable to produce figures concerning the number of major cows found to be suffering from Tuberculosis, as this inspection and work is in the hands of the West Riding County Council. Their reports continue to show all in the condition of our milk supply.

SANITARY CIRCUMSTANCES OF THE AREA

WATER

Copies of all analyses, bacteriological examinations and observations in the water supply are supplied immediately to the Medical Officer of Health. The bacteriological purity has been maintained throughout the year. Annual rainfall during the past six years.

Year	1939	1940	1941	1942	1943	1944	1945
July	27.88 inches	28.19	27.90	28.10	28.71	27.38	27.88 inches
August	28.86	28.34	27.52	28.75	28.04	27.58	28.86

Average analysis of all springs during 1945 in grains per gallon.

ph value	6.7
Total Hardness (Clark's Scale)	2.2
Lead	nil
Aluminium	0.007
Free Ammonia	0.0018
Nitrate of Nitrogen	nil
Chlorine combined	0.8
Total solids	8.0

SUNSHINE RECORD

Month	No. of hours	No. of days
January	40.8	31
February	46.3	28
March	101.3	31
April	157.3	30
May	189.04	31
June	180.7	30
July	183.4	31
August	150.0	31
September	67.4	30
October	68.7	31
November	34.4	30
December	40.8	31
<b>Total</b>	<b>1287.4</b>	<b>365</b>

NOTIFIABLE DISEASES

Disease	Under 1 year	55 and over										Total	Moved into Hospital	Died		
		1-	2-	3-	4-	5-	10-	15-	20-	35-	45					
Scarlet Fever	-	-	1	5	4	22	14	3	3	1	1	1	-	54	50	-
Pneumonia	-	-	-	1	1	-	1	-	1	2	1	1	2	8	-	1
Diphtheria	-	-	-	-	2	1	1	-	4	1	-	-	-	8	7	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	2	4	-	6	1	-
Whooping Cough	-	-	2	-	2	2	-	-	-	-	-	-	-	6	-	-
Measles	2	15	27	24	25	92	4	2	4	-	-	-	-	195	6	-
Puerperal Pyrexia	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-
Cerebral Spinal Fever	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-
Ophthalmia Neon- atorum.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gastro Enteritis	5	1	-	-	-	-	-	-	-	-	-	-	-	6	6	4
Malaria	-	-	-	-	-	-	-	-	2	1	-	-	-	3	1	-



SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

Copies of all analyses, bacteriological examinations, and alterations in the water supply are supplied immediately to the Medical Officer of Health.

The bacteriological purity has been maintained throughout the year.

Annual rainfall during the past six years.

	<u>Ilkley</u>		<u>Burley</u>		<u>Menston</u>
1941	35.86	inches	28.19	inches	26.51 inches
1942	33.32	"	27.96	"	-
1943	34.75	"	30.10	"	-
1944	45.04	"	38.71	"	-
1945	33.58	"	29.28	"	17.95 "
1946	41.94	"	-		-

Average analyses of all springs during 1946 in grains per gallon.

Total solids	8.0
Chlorine combined	.8
Nitrates of Nitrites	nil
Free Ammonia	.0018
Albuminoid Ammonia	.0007
Lead	nil
Total Hardness (Clark's Scale)	2.2
pH value	6.7

SUNSHINE RECORD

	<u>No. of Hours.</u>	<u>No. of Days.</u>
January	34.7	18
February	81.3	20
March	103.2	20
April	148.6	26
May	174.8	31
June	168.5	28
July	167.8	31
August	111.5	30
September	111.2	26
October	65.3	19
November	27.7	17
December	60.4	19
Total	1255.0	285

SAINTARY CONDITIONS OF THE AREA

TABLE

Conduct of all analyses, bacteriological examinations, and all other work in the water supply was assigned immediately to the Medical Officer of Health.

The bacteriological results have been retained throughout the year.

Annual rainfall during the year six years.

Year	1941	1942	1943	1944	1945	1946
1941	32.86 inches					
1942	"	32.35				
1943	"	34.72				
1944	"	42.04				
1945	"	31.38				
1946	"	41.98				
Average						36.95 inches

Average analyses of all surface waters 1946 in grams per gallon.

mg value	Total hardness (Clark's Scale)	Lead	Aluminum (Arsona)	Iron (Arsona)	Nitrate of Nitrogen	Chlorine combined	Total solids
2.7	1.2	0.007	0.0018	0.0018	0.0018	0.0018	0.0018

RAINFALL RECORD

No. of days	No. of hours	Month
18	29.7	January
20	51.7	February
20	102.2	March
20	148.6	April
21	174.8	May
20	168.2	June
21	169.8	July
20	111.2	August
20	112.2	September
19	68.7	October
19	27.7	November
19	60.2	December
<hr/>	<hr/>	<hr/>
207	1257.0	Total