

[Report 1949] / Medical Officer of Health, Bentley-with-Arksey U.D.C.

Contributors

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BENTLEY-WITH-ARKSEY
URBAN DISTRICT COUNCIL

THE THIRTY-NINTH
Annual Report

Medical Officer of Health

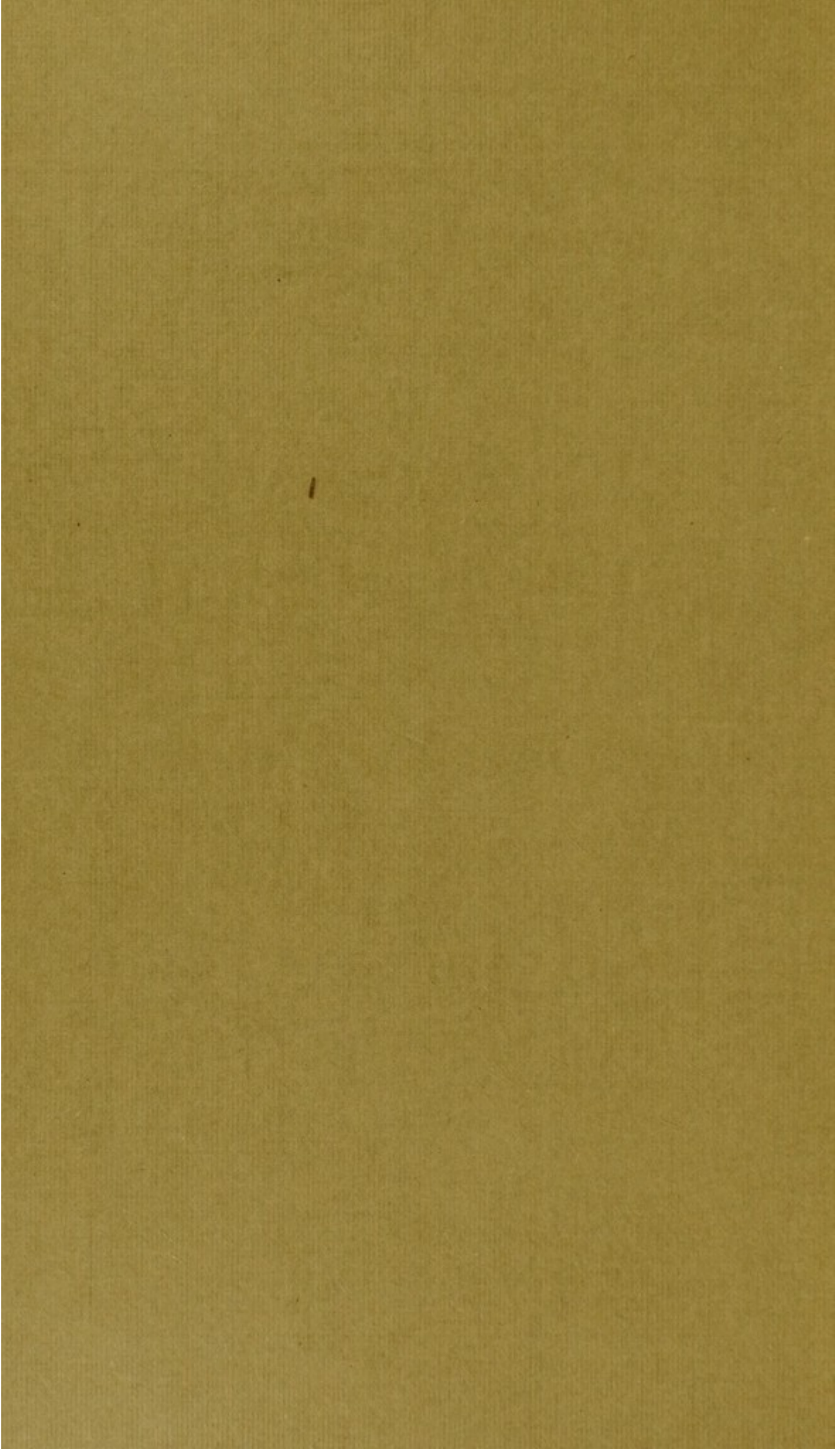
1949

by

JOHN FERGUSON

M.B., Ch.B., D.P.H.

*Council Offices,
Bentley,
Near Doncaster.*



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URBAN DISTRICT COUNCIL

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WEST VIRGINIA UNIVERSITY
HARRIS DISTRICT & CLINIC

THE HIGHER
Annual Report
Medical Director of Health

JOHN T. ERGON
1918

General Editor
1918

Bentley-with-Arksey Urban District Council

Year 1949.

Chairman of the Council :

Mr. J. A. BIRKBY.

Vice-Chairman of the Council :

Mr. T. W. DUNN.

**Chairman of the Lighting, Streets
and Sanitary Committee**

Mr. E. ROSE.

**Members of the Lighting, Streets
and Sanitary Committee :**

Mr. R. W. BENNETT

Mr. L. MASSARELLA

Mr. J. A. BIRKBY

REV. J. PIERCE-PRICE

Mr. D. BRAMLEY

Mr. W. RICHMOND

Mr. T. W. DUNN

Mr. F. SELLORS

Mr. J. W. KEERS

Mr. C. SMITH

Mr. F. KEIGHTLEY

Mr. E. VENABLES

Mr. W. LAWTON

Mr. F. WILSON

Mr. W. LEWIS

Bentley-with-Arksey Urban District Council

Health Department,
Council Offices,
Bentley,
Doncaster.

July, 1950.

TO THE CHAIRMAN AND MEMBERS OF THE COUNCIL.

Mr. Chairman and Gentlemen,

I have pleasure in submitting the Annual Report on the health of the inhabitants of your district for the year 1949.

The health of the inhabitants has remained satisfactory and the incidence of infectious disease was low.

The Birth Rate increased slightly there being 403 births compared with 390 in 1948.

The Death Rate showed an increase there being 23 more deaths and giving a Death Rate of 10·09 compared with 9·0 in 1948.

Infantile Mortality showed a slight increase, there being 18 deaths compared with 16 in 1948.

I have again taken the opportunity of giving details of the work of the clinics, health visitors, midwives, home helps, etc.

My thanks are again due to the Chairman and Members of the Committee for their help and support during the year, to the Officials for their co-operation with the Health Department, and particularly to the Sanitary Inspector and the Health Department Staff for their valued help throughout the year.

I have the honour to be,

Gentlemen,

Your obedient Servant,

J. FERGUSON,
Medical Officer of Health.

PUBLIC HEALTH STAFF.

Medical Officer of Health :

JOHN FERGUSON, M.B., Ch.B., D.P.H.

Sanitary Inspector :

J. T. BRIGGS, M.R.S.I., M.S.I.A.
Sanitary Inspector's Certificate,
Sanitary Science Certificate,
Meat and Food Inspector's Certificate,
Smoke Inspector's Certificate.

Assistant Sanitary Inspector :

L. HAY, M.R.S.I., M.S.I.A.
Certificate of the Sanitary Inspector's Joint Board,
Meat and Food Inspector's Certificate.

Clerk :

J. COWLING (Miss)

DIVISIONAL HEALTH STAFF.

Divisional Medical Officer :

Dr. J. FERGUSON.

Assistant Medical Officer :

Dr. F. D. F. STEEDE (Leave of absence)
Dr. J. LEITCH (Acting)

Child Health Specialist :

Dr. C. F. HARVEY

Ante-Natal Clinic Medical Officer :

Dr. B. COOKE.

Health Visitors :

D. B. DAVEY,
A. MEEK,
A. M. TAYLOR.

Midwives :

N. BAXTER	Telephone Doncaster	49730
A. BROWN	..	54118
D. L. WARD	..	54320
C. WOODHOUSE	..	54151
R. HUNTER (Relief)	..	49790
L. APPELYARD (Relief)	..	3883

Home Nurses :

A. BOOLEY	Telephone Doncaster	53189
Z. MORRIS	..	54227
W. M. COOPER	Adwick	2193

Senior Clerk :

C. VALLANCE.

Bentley-with-Arksey Urban District Council

39th Annual Report

of the

MEDICAL OFFICER OF HEALTH 1949

Section A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area—4,961 acres.

Registrar General's estimate of :—

Resident Population Mid Year 1949—20,020

Number of inhabited houses at end of 1949—5,420.

Rateable value £81,192.

Sum represented by a penny rate—£306/11/3·4d.

EXTRACTS FROM VITAL STATISTICS.

(Corrected for inward and outward returns).

BIRTHS.

LIVE BIRTHS

	1949	1948	
Total Number	403	390	
Birth Rate per 1,000 population ...	20·13	19·62	
Birth Rate England and Wales ...	16·7	17·9	
	Males	Females	Total
Legitimate	205	177	382
Illegitimate	12	9	21
Total	217	186	403

STILL BIRTHS

	1949	1948	
Total Number	5	15	
Rate per 1,000 total births (live and still)	12·25	37·37	
Rate England and Wales	0·39	0·42	
	Males	Females	Total
Legitimate	4	1	5
Illegitimate	—	—	—
Total	4	1	5

DEATHS :—

	1949	1948
Total Number of Deaths	202	179
Death Rate per 1,000 population (crude)	10.09	9.0
Death Rate per 1,000 population (corrected)	13.42	*
Death Rate for England and Wales	11.7	10.8

* Figures not available

	Males	Females	Total
Deaths	117	85	202
Deaths from :—		1949	1948
Puerperal Sepsis		—	—
Other Maternal causes		—	1
Cancer (all ages)		33	24
Measles (all ages)		1	2
Whooping Cough (all ages) ...		—	1
Diarrhoea (under 2 years of age)		1	1

INFANTILE MORTALITY.

The Infantile Mortality Rate is the number of deaths of infants under one year of age per 1,000 registered births.

	1949	1948
Number of Deaths	18	16
Death Rate of all infants per 1,000 live births	44.44	41.02
Death Rate for England and Wales ...	32	34.0
Death Rate of legitimate Infants per 1,000 legitimate live births	44.50	40.43
Death Rate of illegitimate Infants per 1,000 illegitimate live births	47.62	52.63

Of the 18 deaths which took place of children under one year of age, 10 were males and 8 females.

An investigation of these deaths showed that the main causes were :—

Prematurity	3
Broncho Pneumonia	7
Congenital causes	3
Other causes	5

The age groups at which death occurred were :—

0-24 hrs.	1-7 days	1-4 weeks	1-12 months
2	5	4	7

The infantile mortality rate showed a slight increase in 1949, there being 18 deaths of infants under 1 year of age compared with 16 in 1948. Prematurity is an important factor in infantile mortality and special services are available for all premature babies. The services of the Child Health Specialist, of a specially trained nurse, and the provision of a special cot with blankets, hot water bottles, oxygen and special feeding apparatus are made available at once. No other service has given greater satisfaction or produced better results than this service and most of its success is due to the untiring efforts of the nurses.

Deaths from Road Accidents and other Violent Causes.

One resident in the area was killed as the result of a road traffic accident and nine people lost their lives through violence.

COMPARATIVE TABLES.

Year	Population	Birth Rate	Death Rate Corrected	Infantile Mortality Rate
1911	6,650	33.08	10.09	122.7
1920	13,901	31.9	9.5	90.9
1930	16,320	19.1	9.4	95.8
1936	17,260	18.2	14.1	82.5
1937	17,550	18.0	14.9	63.0
1938	17,700	17.7	13.8	38.7
1939	17,980	20.6	15.2	105.5
1940	18,070	17.32	12.73	38.3
1941	17,800	17.58	10.34	60.70
			(crude)	
1942	17,650	18.8	8.76	60.24
			(crude)	
1943	17,490	20.1	9.7	48.1
			(crude)	
1944	17,700	24.6	10.6	55.0
			(crude)	
1945	18,060	20.8	10.7	82.2
			(crude)	
1946	18,870	23.84	9.8	35.5
			(crude)	
1947	19,250	24.98	8.10	54.05
			(crude)	
1948	19,880	19.62	9.00	41.02
			(crude)	
1949	20,020	20.13	13.42	44.44

PRINCIPAL VITAL STATISTICS FOR THE YEAR 1949

The following table shows an interesting comparison between the authority's vital statistics and those of the W.R.C.C. Urban Authorities, the W.R.C.C. as a whole, and England and Wales as a whole.

Based on the Registrar-General's Figures.

	Bentley with Arksey Urban District	Aggregate West Riding Urban Districts	West Riding Admin. County	England & Wales (Provis'nal figures)
BIRTH RATE (per 1,000 estimated population)	20.1	16.8	17.2	16.7
DEATH RATES :- (All per 1,000 estimated population)				
All Causes	10.1	12.5	12.1	11.7
Zymotic Diseases (seven principal)*	0.10	0.08	0.08	**
Tuberculosis of Respiratory System ...	0.25	0.32	0.32	0.4
Other forms of Tuberculosis	0.05	0.05	0.05	0.05
Respiratory Diseases (excluding tuberculosis of respiratory system) ††	1.45	1.48	1.44	**
Cancer	1.65	1.88	1.81	1.87
Heart and Circulatory Diseases†	3.25	4.36	4.19	**
INFANT MORTALITY (Deaths under one year per 1,000 live births)	45	37	38.0	32
DIARRHOEA (Deaths in infants under 2 years of age per 1,000 live births)	2.48	3.01	3.27	3.0
MATERNAL MORTALITY (Deaths of mothers in childbirth per 1,000 live and still births)				
Puerperal Sepsis ...	Nil	0.15	0.15	0.22
Other Causes	Nil	0.6	0.68	0.76
Total	Nil	0.75	0.83	0.98

* Combined death rate from smallpox (if any), scarlet fever, enteric fever, diphtheria, measles and whooping cough, also diarrhoea in infants under 2 years of age.

†† Combined death rate from Bronchitis, Pneumonia and other Respiratory Diseases, excluding Tuberculosis of the Respiratory System.

† Combined death rate from heart disease and other diseases of the Circulatory System.

** Figures not available.

Social Conditions.

The chief occupations of the inhabitants of the district are coal-mining, railway work and engineering, with tradesmen and shopkeepers who cater for their needs.

The general physical condition of the school children continues to be satisfactory. The Milk-in-Schools scheme and the school dinners have been most valuable in maintaining a satisfactory standard of nutrition.

SERVICES.

1. Child Welfare Service.

(a) Clinics.

The clinic is held every Wednesday in the Pavilion, Bentley Park. The building makes most suitable premises and the clinic is well attended. In addition to the nursing staff there is a voluntary committee which renders excellent service in the running of the clinic. A Medical Officer attends the clinic at the afternoon session.

For the convenience of mothers attending the clinic supplies of approved dried milk and other foods are available for sale and in necessitous cases free of charge.

The number of mothers and children attending the clinic continues to grow and practically every child born in the area adjoining the Pavilion comes to the clinic. The mothers in the Sunnyfield area find the Woodlands clinic more suitable to attend. The mothers from Toll Bar find the Pavilion rather a long way in inclement weather and consideration will be given to the establishment of a subsidiary clinic there.

Clinic — Wednesday 9.30 a.m.—4.0 p.m.

No. of attendances during the year :—

1. Children under 1 year	5,986
2. Children 1 — 5 years	2,832

No. of cases seen by Doctor 1,856

No. who attended for the first time during the year :—

1. Children under 1 year	309
2. Children 1—5 years	9

Total No. of children at Centre who at year end were :—

1. Under 1 year	281
2. Children 1—5 years	420

No. of Sessions 102

Average attendances per session :—

1. Under 1 year	58.6
2. 1—5 years	27.7

(b) Home Visits.

The duties of the Health Visitor have been greatly extended by the National Health Service Act, 1948. To her responsibility for the care of the expectant and nursing mothers, pre-school and school children, are added the general responsibility for all members of the family.

No. of first visits to children :—

1. Under 1 year	...	...	...	...	...	...	397
2. 1—5 years	...	...	...	...	...	...	45

No. of Revisits :—

1. Under 1 year	...	...	...	...	...	...	1,243
2. 1—5 years	...	...	...	...	...	...	579

No. of Ante-natal visits :—

1. First visit	...	...	...	...	...	...	25
2. Other visits	...	...	...	...	...	...	18

No. of special visits 47

2. Maternity Service.

(a) Ante-Natal Clinic.

A clinic is held every Friday at the Pavilion with a Medical Officer, Health Visitors, and Midwives in attendance. In addition to the medical care, advice is given on the hygiene of pregnancy, maternity benefits and how to obtain them, etc.

Clinic — Friday 10 a.m.—4 p.m.

Total Attendances :—

1. Ante-natal	...	...	...	...	...	...	1,624
2. Post-natal	...	...	...	...	...	...	60

No. of individual women who attended :—

1. Ante-natal	...	...	...	...	...	...	436
2. Post-natal	...	...	...	...	...	...	60

No. of Sessions 102

Average attendances per Session :—

1. Ante-natal	...	...	...	...	...	...	15.9
2. Post-natal	...	...	...	...	...	...	0.5

(b) Relaxation Exercises.

This service was started in the Bentley district in May and five courses each of ten lessons were held. The nurses in charge were Nurse Brown and Nurse Davey and 40 women attended the courses. These classes are an important part of the maternity service and the exercises together with the full explanation of how the baby is born give the mothers great confidence.

The following observations by midwives and instructors are of interest.

"The duration of labour is shortened and the co-operation of the mother has made the confinement much easier. Labour pains are used much more effectively and more complete relaxation is obtained. Breast massage has helped in the establishment of breast feeding. The mothers obviously enjoy the course and the instruction in female anatomy, the mechanism of labour, and the encouragement given to ask questions give the patient much greater confidence."

(c) Midwives.

There is a full complement of midwives in the area and appended is a table of the domiciliary midwifery and visits carried out during the year.

Patients booked during year	251
Visits made during the year	1,662
No. of cases attended :—	
1. As Midwife	235
2. As Maternity Nurse	9
No. of visits during year	3,880

(d) Gas and Air Analgesia.

All midwives have attended a course on the administration of gas and air analgesia to ease the pain of child birth. Eighty three cases were given this mild anaesthetic during the year and every midwife has now been supplied with a gas and air apparatus.

(e) Maternity Home Accommodation.

This service continues to function most satisfactorily thanks to the Specialists attached to the hospitals, Miss Peaker and Mr. Stevenson. All cases requiring admission to hospital because of unsatisfactory home conditions receive special consideration. Cases which require admission on medical grounds are given priority and admitted at once.

Efforts are being made to ensure a more satisfactory liaison with the hospital on the discharge of patients to ensure immediate nursing advice is available.

Cases admitted to :—

Hamilton Annexe	106
Listerdale	7
Hallamshire	9
Montague	2
St. John's, Keighley	1
St. Luke's, Bradford	2
Halifax General	1
Sheffield General	1
Moorgate, Rotherham	2
Hamilton Lodge	1
Private Nursing Homes	22

3. Home Nursing.

This service is functioning satisfactorily and with the appointment of a relief nurse for the whole of the division it is now possible to ensure time off for the nurses. The use of the surgery premises in High Street, Bentley is proving of value to the patients, doctors and nurses.

No. of cases at 1/1/49	...	...	...	...	...	...	...	...	22
New cases during the year	...	...	...	...	...	...	...	...	247
No. of cases at 31/12/49	...	...	...	...	...	...	...	...	36
Average No. of cases weekly	...	...	...	...	...	...	...	...	28

Visits :—

Day	...	...	...	...	...	...	...	...	4,622
Night	...	...	...	...	...	...	...	...	48
Total	...	...	...	...	...	...	...	...	4,670
Surgery dressings	...	...	...	...	...	...	...	...	3,678

4. Home Helps.

This service provides domestic help in a household when required on account of illness, age, for confinements etc., and it has expanded markedly during the year. Only part time home helps are used and the health visitors keep in touch with all cases. The hours are varied as the circumstances of the patients vary.

No. of cases in the Division provided with Home Helps :—

1. Ill	...	...	...	...	...	...	...	...	50
2. Maternity	...	...	...	...	...	...	...	...	27
3. Pregnancy	...	...	...	...	...	...	...	...	2
4. Aged	...	...	...	...	...	...	...	...	9
5. Blind	...	...	...	...	...	...	...	...	2

Total No. of hours worked 1/4/49 — 31/12/49 12,570

Equivalent whole time Home Helps 7.3

Allocation of whole time Home Helps to Division 8

5. Special Clinics.

Special clinics have been established for all children suffering from orthopaedic defects, defects of the ear, throat and nose, and defective vision. Appended is a list of such clinics held during the year.

(a) Ear, Nose and Throat Clinics.

Held at the Doncaster Royal Infirmary.

No. of children invited	...	...	...	...	...	...	...	190
No. of children attended	...	...	...	...	...	...	...	163
No. of operations recommended	...	...	...	...	...	...	...	110
Treatment advised	...	...	...	...	...	...	...	21
No action	...	...	...	...	...	...	...	32

(b) Eye Clinics.

Held at the Pavilion, Bentley.

No. of children invited	...	...	...	...	...	...	...	310
No. of children attended	...	...	...	...	...	...	...	271
Glasses prescribed	...	...	...	...	...	...	...	132
Treatment advised	...	...	...	...	...	...	...	31
No action	...	...	...	...	...	...	...	108

(c) Orthopaedic Clinics.

Held at 20 Christ Church Road, Doncaster.

No. of children attended	...	...	...	...	...	...	...	44
Operation or treatment advised	...	...	...	...	...	...	...	30
No action	...	...	...	...	...	...	...	14

6. Paediatric Clinics.

A Specialist in Diseases of Children, Dr. C. F. Harvey, holds a clinic monthly. Children are referred to this clinic by the general practitioners of the area and by the Medical Officer of the clinic.

7. School Medical Inspection.

Every school child is examined by a whole time Medical Officer on entry to a primary school, in the last year at a primary school, and in the last year at a secondary school. Additional special examinations are carried out at the request of the parent or teacher or at the Medical Officer's discretion.

When the medical examination reveals a defect arrangements are in force for the case to be followed up and the necessary treatment to be obtained. Minor ailment clinics are held by the School Nurse and quarterly visits to the schools are made for the inspection of heads.

School Inspections.

No. of children examined during year :—

1. Routine	...	...	...	...	...	...	...	1,153
2. Special	...	...	...	...	...	...	...	111
3. Re-examination	...	...	...	...	...	...	...	73
Total	...	...	...	...	...	...	...	<u>1,337</u>

No. of children found to have defects which needed :—

1. Treatment	...	...	...	...	...	...	...	237
2. Observation	...	...	...	...	...	...	...	237
Total	...	...	...	...	...	...	...	<u>474</u>

Nutrition classification of children examined :—

1. Normal	...	...	...	...	...	...	...	1,223
2. Sub-normal	...	...	...	...	...	...	...	114
Total	...	...	...	...	...	...	...	<u>1,337</u>

Examination of Physically Handicapped Children.

No. of children examined 25

Special Educational or other treatment recommended :—

1. Special educational treatment in ordinary school	10
2. Admission to Open Air School	2
3. Referred to Orthopaedic Surgeon	2
4. To remain under supervision of own doctor	1
5. To be kept under observation	3
6. Referred to Paediatrician	2
7. To attend Hospital for treatment	3
8. To be taken off list of Handicapped pupils	1
9. Referred to Eye Specialist	1

Examination of Suspected Educationally Retarded Children.

No. of children examined 11

8. Ambulance Facilities.

This scheme is still operating satisfactorily. There is a free ambulance and sitting car 24 hour service for everyone. The vehicles are stationed at Yarborough Terrace, Bentley and are available on request from doctors and nurses or from the general public in an emergency.

Patients discharged from hospital use the ambulance facilities of the district in which the hospital is situated, e.g. patients discharged from the Doncaster Royal Infirmary have the services of the Doncaster Borough ambulance.

9. Telephone Numbers.

Bentley Public Health Department	...	Doncaster	54349
Divisional Health Office	... ..	Adwick	2176
Ambulance Depot, W.R.C.C.	... ..	Doncaster	49468
Ambulance Depot, Doncaster	... ..	Doncaster	53173

CLINICS AND TREATMENT CENTRES.

Appended is a list of the clinics in being.

CLINIC	SITUATION	TIME OF OPENING
Maternity and Child Welfare	Pavilion, Bentley Park, Bentley	Wednesday 10 a.m. — 12.30 p.m. 1.30 p.m. — 4 p.m.
Ante-natal School	do. do. Toll Bar School	Friday 10 a.m. — 4 p.m. Tuesday 9.30 a.m. Monday 9 a.m. Friday 2 p.m. Thursday 9 a.m.
Tuberculosis	Chapel, Bentley Road 20, Christ Church Rd., Doncaster	Monday, 2—4 p.m., 5—6.30 p.m. Wednesday 2—4 p.m. Thursday 5—6.30 p.m. Friday 2—4 p.m.
Venereal Diseases	Doncaster Royal Infirmary	Men Tues. 5.30—7.30 p.m. Friday 4 — 6 p.m. Friday 9 a.m. Women and Children Monday 4—6 p.m. Friday 6—8 p.m.
Diphtheria Immunisation	Council Offices, Bentley Pavillon, Bentley Park	Friday 10 a.m. By arrangement.
Vaccination	do.	By arrangement.
Ear, Nose and Throat	Doncaster Royal Infirmary	By arrangement.
Paediatric	Pavilion, Bentley Park,	By arrangement.
Orthopaedic	do.	By arrangement.
Refraction	do.	By arrangement.

Section C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The area is supplied by the Doncaster Corporation. The supply continues to be satisfactory, being of good quality, constant and sufficient.

The following is a copy of the report of a sample taken from a tap :—

CHEMICAL EXAMINATION (Parts per 100,000)

Total Solids	... ..	28
Chlorines	... ..	1·8
Nitrites	... ..	Nil
Nitrates	... ..	·09
Free Ammonia	... ..	·002
Albuminoid Ammonia	... ..	·004
Hardness	... ..	16·5
pH Value	... ..	7·2

This water is organically pure and safe for drinking purposes.

BACTERIOLOGICAL EXAMINATION.

B. COLI TEST. (MacConkey's Bile Salt Lactose Broth.)

Probable number of Bacteria of the Coli Aerogenes Group present in

100 ml. of the water	... ..	0
No. of houses on public water supply	... ..	5,410
No. of houses on shallow well supply	... ..	8
No. of houses on deep well supply	... ..	4
	(all farms)	
No. of houses with carried water supply	... ..	8
	(supplied by rail or road)	

During the year the Sanitary Inspector took 13 samples for chemical analysis and 22 samples for bacteriological testing. All were satisfactory.

RIVERS AND STREAMS.

The amount of water in the Mill Stream is still considerably reduced and the bank requires periodic attention.

DRAINAGE AND SEWERAGE.

The only extensions to the sewerage scheme are in connection with the new housing estates.

The final effluent from the Sewage Works is satisfactory.

CLOSET ACCOMMODATION.

No. of water closets	5,827
No. of privies	8
No. of pail closets	25
No. of waste water closets	Nil
No. of W.C.'s constructed for new houses ...	148
No. of W.C.'s constructed for old houses ...	12
Conversions	1

SCAVENGING.

This work is done by the Council under the direction of your Surveyor.

The refuse collected during the year is as follows :—

	Loads
Dry Refuse	3,480
Night Soil	26

The dry refuse from the house bins is collected weekly, and is taken to the tip adjoining the Sewage Works in Arksey Lane. The tipping is controlled.

SANITARY INSPECTION OF THE DISTRICT.

Return made by the Sanitary Inspector to the Medical Officer of Health in accordance with Article 27 of the Sanitary Officers' (Outside London) Regulations, 1935 :—

No. of Inspections	4,904
No. of complaints received	504
No. of complaints confirmed	401
No. of letters in lieu of notices	51
No. of verbal notices	223
No. of informal notices	467
No. of statutory notices	72
No. of letters & notices outstanding 31/12/49	34
No. of matters referred to Surveyor	79

SMOKE OBSERVATIONS.

Thirty one observations were taken during the year of the Bentley Colliery chimney. Records of the observations have been sent to the management but no improvement has taken place. Long term plans are in hand covering the whole of the steam raising plant, but nothing is intended for the immediate abatement of the nuisance.

COLLIERY TIPS.

The refuse heap to the one colliery in the district has been a serious nuisance but towards the end of the year there was some improvement. The system of pumping and spraying water has been extended and made more efficient, and, if persevered with, the smoke and fumes should be almost eliminated.

SWIMMING BATHS AND POOLS.

There are none in this area. There are Pit Head Baths at the Bentley Colliery.

OFFENSIVE TRADES.

Bone Boiler and Blood Drier 1

FISH FRYING.

There are 15 shops in the area. One person operates a mobile fish and chip shop from properly built and equipped premises; the potatoes are carried in small bins and the fish in enamel containers.

COMMON LODGING HOUSES, Etc.

There are no common lodging houses in this district.

BED BUGS.

No. of Council houses found to be infested	6
No. of Council houses disinfested	6
No. of other houses found to be infested	—
No. of other houses disinfested	—

D.D.T. and Gammexane have been in general use for the destruction of vermin with excellent results. Liquid D.D.T. has been used in food preparing places, slaughterhouses and cowsheds, in an effort to eliminate flies and the results have been very satisfactory.

MORTUARY.

There is a Mortuary and Post Mortem room situated in the Council Yard. This is sufficient for the needs of the district.

SCHOOLS

The school accommodation in the area is as follows :—

- 6 Infants' Departments.
- 4 Junior Mixed Departments.
- 1 Junior Girls' Department.
- 1 Junior Boys' Department.
- 1 Secondary Modern Mixed Department.
- 1 Secondary Modern Girls' Department.
- 1 Secondary Modern Boys' Department.

All schools are provided with a sufficient number of water closets and all have water laid on from the Corporation mains.

Defects in schools buildings are reported to the County Medical Officer of Health.

In all cases of Notifiable Infectious Diseases, the Head Teacher is informed of the cases, the contacts, and the period of exclusion.

No schools were closed during the year.

Section D.

HOUSING.

Houses completed in 1949	82
By the local authority	82
By private enterprise (unassisted)	—
By private enterprise (assisted)	—

Sites for vans, etc., have been licensed at Hall Ville Lane, Toll Bar; Nelson's Yard, Cooke Street; Hunt Lane, Bentley; Church Street, Bentley; and Arksey.

The total number of vans is thirteen.

By the end of the year 362 new houses had been completed and occupied. These houses are let on a points system and 15% continues to be allocated to the Health Committee for special cases brought forward on health grounds. Some very serious cases of over crowding have been abated in particular where a parent had tuberculosis and the children were exposed to infection. This allocation has proved of great value.

Section E.

INSPECTION AND SUPERVISION OF FOOD.

A. MILK SUPPLY.

Retailers on Register 31st December, 1949	12
Wholesalers on Register 31st December, 1949	22
Producers on Register 31st December, 1949	18
Cowsheds on Register 31st December, 1949	34
Registered premises on Register 31st December, 1949	23
Retailers of sterilised bottle milk	22
Retailers removed from register	29
Retailers added to register	—

MILK (Special Designations) ORDER, 1936.

Dealers' licences for the sale of:—

Pasteurised milk	7
Tuberculin Tested Milk	7

Supplementary Licences for the sale of:—

Pasteurised milk	2
Tuberculin Tested milk	2

MILK.

Sample for Bacterial Testing.

Type	No. of Samples	Satisfactory	Unsatisfactory
Ordinary milk	57	31	26
Graded milk	59	47	12
Sterilised milk	26	25	1
Biological — raw milk ...	1	—	1
Broken Bottle	1	—	—
Total	144	103	40

Ordinary Milks.

Time of Decolourisation	Summer Time	Winter Time
Unsatisfactory	18	7
Under 1 hour	2	1
Between 1 hour and 2 hours	4	—
„ 2 hours and 3 hours	2	1
„ 3 hours and 4 hours	7	2
„ 4 hours and 5 hours	3	2
„ 5 hours and 5½ hours	—	1
Satisfactory	12	18

Graded Milks.

No. of Samples	Type	Methylene Blue Test	Phosphatase Test	Remarks
23	Pasteurised	Over 5½ hours	Group 1	Satisfactory
3	Pasteurised	Under 1 hour	1 Group 1 2 Group 2	Not „
20	Tuberculin Tested (Pasteurised)	Over 5½ hours	Group 1	Satisfactory
6	Tuberculin Tested (Pasteurised)	Under 1 hour	Group 1	Not „
4	Tuberculin Tested Certified	Over 5½ hours	—	Satisfactory
3	Tuberculin Tested Certified	Under 5½ hours	—	Not „

Sterilised Milks.

No. of Samples	Methylene Blue Test	Turbidity Test	Remarks
26	Over 5½ hours	Good	Satisfactory

e. **General.**

The number of samples of ordinary milk found to be satisfactory is disappointing and the sale of nothing but graded milks will be welcomed.

Legislation has taken the inspection and supervision of cowsheds and dairies on farms out of the hands of local authorities but leaving the sampling of milk as the responsibility of the local authority. It is to be hoped that this supervision so conscientiously carried out in this district will be as ably carried out by the Ministry of Agriculture and Fisheries.

B. **MEAT AND OTHER FOODS.**

Visits to Slaughterhouses	...	...	...	...	...	423
No. of animals slaughtered — Pigs	...	...	...	...	...	297
			Horses	...	...	1,622
Inspections of Meat and Food	...	...	...	...	...	445
No. of Condemnations	...	...	...	...	...	157

No regular slaughtering takes place in any of the slaughter houses as all butchers receive their allocation of meat from the Doncaster Meat Pool.

CONDEMNATIONS OF FOODSTUFFS.

Fish — wet	...	...	...	...	...	154 lbs.
Fish — 29 tins	...	...	...	...	...	17 lbs.
Jams — 43 jars	...	...	...	...	...	43 lbs.
Fruit — frozen	...	...	...	...	...	5¼ lbs.
Vegetables — 12 tins	...	...	...	...	...	14½ lbs.
Tomatoes	...	...	...	...	...	34 lbs.
Meat Extracts and Beverages — 3 jars	...	...	...	...	...	2 lbs.
Sauces — 5 bottles	...	...	...	...	...	2¼ lbs.
Pickles — 3 jars	...	...	...	...	...	2¾ lbs.
Milk — 13 tins	...	...	...	...	...	12½ lbs.
Cheese	...	...	...	...	...	2 lbs.
Butter	...	...	...	...	...	66 lbs.
Eggs — 96	...	...	...	...	...	11¾ lbs.
Cereals — 3 packets	...	...	...	...	...	2 lbs.
Meat — 33 tins	...	...	...	...	...	59¼ lbs.
Sausage & Black Puddings	...	...	...	...	...	18 lbs.
Bacon	...	...	...	...	...	12½ lbs.
Rabbits	...	...	...	...	...	210 lbs.
Pig — Carcase and Offal	...	...	...	...	...	200 lbs.
Horses — 28 Carcases and Offals	...	...	...	...	...	19,717 lbs.
Horses — 5 Quarters	...	...	...	...	...	1,008 lbs.
Horses — 101 livers	...	...	...	...	...	1,414 lbs.
Total	...	...	...	...	...	<u>23,007¾ lbs.</u>

ICE CREAM.

No. of registered Premises :—

Manufacturers 1

Retailers 14

Report on Samples.

56 samples in Grade 1 = 72.7%

9 samples in Grade 2 = 11.7%

10 samples in Grade 3 = 13.0%

2 samples in Grade 4 = 2.6%

These results are most satisfactory.

There is one large factory in the area run on very modern lines with the most up to date machinery and turning out 5,000 gallons of ice cream daily. All the ice cream is wrapped and the manufacturers have continued to give valued co-operation with the Health Department to ensure their product reaches the highest possible standard of purity.

FOOD AND DRUGS ACT, 1938.

Under the West Riding County Council's scheme your Sanitary Inspector carries out the sampling of milk in this area. During the year thirty four samples were taken and all were found to be genuine.

SECTION 14.

REGISTRATION OF FOOD PREPARING PREMISES.

Premises for the preparation or storage of Ice Cream	15
Premises for the preparation or manufacture of Sausages, potted, pressed, pickled or preserved foods	16
Fish Friers	... .. 16

Section F.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

During the year 258 cases of infectious diseases were notified compared with 515 cases in 1948. The reduction was due to the small number of cases of whooping cough and a reduction in the number of cases of measles.

Once more there were no cases of diphtheria, due to the ready acceptance of immunisation against the disease by the mothers in the area.

Disease	Sex	AGE GROUP												Total Cases	Nos. after correction	Cases admitted to hospital	Total Deaths
		Under 1	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65-				
Scarlet Fever	M	1	2	1	2	4	9	4	1	—	—	—	—	24	23	22	—
	F	—	—	3	2	4	8	2	1	—	—	—	—	20	20	18	—
Pneumonia	M	—	—	—	—	—	—	—	—	1	—	1	1	3	3	—	—
	F	—	—	—	—	—	3	—	—	1	2	4	—	10	10	—	4
Ophthalmia Neonatorum	M	4	—	—	—	—	—	—	—	—	—	—	—	4	4	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	2	2	—	—
Erysipelas	M	—	—	—	—	—	—	—	—	—	1	—	—	1	1	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	F	—	—	—	—	—	—	—	1	—	—	—	—	1	1	1	—
Measles	M	5	11	16	11	16	29	—	—	—	—	—	—	88	88	—	1
	F	10	15	15	23	9	20	—	—	—	—	—	—	92	92	—	—
Whooping Cough	M	—	—	—	1	—	1	—	—	—	—	—	—	2	2	—	—
	F	1	2	—	3	1	3	1	—	—	—	—	—	11	11	—	—

DIPHTHERIA IMMUNISATION.

Immunisation clinics were held throughout the year at schools, the Pavilion, Bentley Park, and in the Health Department. Acceptances were satisfactory.

The position at the 31st December, 1949, was as follows:

IMMUNISATION IN RELATION TO CHILD POPULATION.

Age at 31/12/49 i.e. born in year	Under 1 1949	1 1948	2 1947	3 1946	4 1945	5 to 9 1940-44	10 to 14 1935-39	Total Under 15
Number immunised	34	253	314	273	240	1478	862	3,454
Esti. mid-year population 1949	1,890					2,866		4,756

VACCINATION.

Vaccinations are carried out at the Immunisation clinics by appointment. The number vaccinated is small, only 80 vaccinations were done during 1949.

OPHTHALMIA NEONATORUM.

Six cases of Ophthalmia Neonatorum were notified during the year. All made a satisfactory recovery.

TUBERCULOSIS.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

NEW CASES AND MORTALITY, 1949 WITH COMPARATIVE FIGURES, 1948.

Age Group	NEW CASES								DEATHS								
	Respiratory				Other Forms				Respiratory				Other Forms				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
0—1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
1—5	—	1	—	—	—	—	1	—	2	1	—	—	1	1	—	—	—
5—15	—	1	2	—	—	2	1	1	—	—	—	—	—	—	—	—	—
15—25	6	5	9	5	1	—	1	—	1	1	1	—	—	—	—	—	—
25—35	3	1	1	5	—	—	—	1	—	1	2	—	—	—	1	—	—
35—45	—	2	—	2	—	—	—	—	1	1	1	—	—	—	—	—	—
45—55	2	3	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
55—65	1	4	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—
65 and over	2	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Totals	14	17	12	12	2	2	3	2	6	5	5	—	1	1	1	—	—

There were 6 deaths attributable to Tuberculosis during the year, giving a death rate of 0.3 per 1,000 population.

The number of cases in the Tuberculosis Register at the 31st December, 1949 compared with the previous year was :—

	1949		1948	
	M.	F.	M.	F.
Respiratory	64	53	57	42
Other Forms	24	25	23	24

There have been no cases of wilful neglect or refusal to notify. The medical practitioners in the area are prompt in their notification of Tuberculosis.

CANCER DEATHS.

Taken from the return of deaths to the Sanitary Authority :—

Age	Sex	Location of Disease												
		Stmach	Rectum	Uterus	Liver	Bowel	Lungs	Anus	Mouth	Spine	Breast	Pancreas	Colon	Duodenum
31	F						1							
44	F			1										
47	M		1											
50	M	1												
52	M	1												
52	M						1							
52	M											1		
53	F			1										
54	M				1									
58	F									1				
58	F	1												
60	M							1						
62	F												1	
62	M					1								
63	M											1		
63	F	1												
68	F		1											
67	M				1									
69	M								1					
69	M							1			1			
69	M							1						
70	M													
73	M							1						
73	M	1												
75	M	1												
78	F			1										
79	M	1												
80	M	1												
82	M	1												
83	M								1					
86	F									1				
Total		9	2	3	2	1	5	1	1	1	2	1	2	1

CAUSES OF DEATH — 1949.

No.	Cause of Death	Males	Females
	All Causes	117	85
1	Typhoid and Paratyphoid fevers ...	—	—
2	Cerebro-spinal Fever	—	—
3	Scarlet Fever	—	—
4	Whooping Cough	—	—
5	Diphtheria	—	—
6	Tuberculosis of respiratory system	5	—
7	Other forms of Tuberculosis	1	—
8	Syphilitic diseases	—	—
9	Influenza	—	—
10	Measles	1	—
11	Acute poliomyelitis and polioencephalitis	—	—
12	Acute infectious encephalitis ...	—	—
13	Cancer of mouth, throat and uterus	1	3
14	Cancer of stomach and duodenum ...	8	3
15	Cancer of breast	—	2
16	Cancer of all other sites	11	5
17	Diabetes	1	2
18	Intra-cranial vascular lesions ...	8	12
19	Heart disease	29	30
20	Other diseases of circulatory system	4	2
21	Bronchitis	11	5
22	Pneumonia	—	4
23	Other respiratory diseases	2	1
24	Ulcer of stomach or duodenum ...	1	—
25	Diarrhoea under 2 years	—	1
26	Appendicitis	—	—
27	Other digestive diseases	3	1
28	Nephritis	5	2
29	Puerperal and post-abortion sepsis	—	—
30	Other maternal causes	—	—
31	Premature birth	1	—
32	Congenital malformations, birth injuries and infantile disease	4	4
33	Suicide	1	1
34	Road traffic accidents	1	—
35	Other violent causes	6	3
36	All other causes	6	3

COMPARATIVE STATEMENT OF NOTIFICATIONS
OF INFECTIOUS DISEASES RECEIVED DURING THE
YEARS 1949 AND 1948.

Cases Notified (or otherwise ascertained)	1949	1948
Scarlet Fever	44	34
Diphtheria, including Mem. Croup ...	—	2
Acute Pneumonia (Primary or Influenzal)	13	15
Puerperal Pyrexia	1	1
Acute Poliomyelitis	—	—
Ophthalmia Neonatorum	6	3
Erysipelas	1	3
Respiratory Tuberculosis (New cases only)	29	26
Other forms of Tuberculosis (New cases only)	4	5
Measles (excluding German Measles or Rubella)	180	331
Whooping Cough	13	126

Cases removed to Hospital

	1949	1948
Scarlet Fever	40	34
Diphtheria	—	2

**Birth Rates, Civilian Death Rates, Analysis of Mortality,
Maternal Mortality and Case Rates for certain Infectious
Diseases in the Year 1949.**

Provisional Figures based on Quarterly Returns.

	England and Wales	126 C.B.'s and Great Towns including London	148 smaller Towns Resident pop 25000-50000 at 1931 census	London Adm. County
Rates per 1,000 Civilian Population :—				
BIRTHS :—				
Live Births	16.7a	18.7	18.0	18.5
Still Births	0.39a	0.47	0.40	0.37
DEATHS :—				
All Causes	11.7a	12.5	11.6	12.2
Typhoid and Paratyphoid	0.00	0.00	0.00	0.00
Whooping Cough	0.01	0.02	0.01	0.01
Diphtheria	0.00	0.00	0.00	0.00
Tuberculosis	0.45	0.52	0.42	0.52
Influenza	0.15	0.15	0.14	0.11
Smallpox	—	—	—	—
Acute Pollomyelitis & Polioencephalitis	0.01	0.02	0.02	0.01
Pneumonia	0.51	0.56	0.49	0.59
NOTIFICATIONS :— (Corrected)				
Typhoid Fever	0.01	0.01	0.01	0.01
Paratyphoid Fever	0.01	0.02	0.01	0.01
Cerebro Spinal Fever	0.02	0.03	0.02	0.02
Scarlet Fever ...	1.63	1.72	1.83	1.46
Whooping Cough ...	2.39	2.44	2.39	1.70
Diphtheria	0.04	0.05	0.04	0.07
Erysipelas	0.19	0.20	0.19	0.17
Smallpox	—	—	—	—
Measles	8.95	8.91	9.18	8.54
Pneumonia	0.80	0.91	0.85	0.55
Acute Pollomyelitis	0.13	0.13	0.12	0.18
Acute Polioencephalitis	0.01	0.01	0.02	0.01
Food Poisoning ...	0.14	0.16	0.14	0.19
Rates per 1,000 Live Births :				
DEATHS :—				
All causes under 1 year of age	32b	37	30	29
Enteritis & Diarrhoea under 2 yrs. of age	3.0	3.8	2.4	1.7
Rates per 1,000 Total (Live and Still) Births :—				
NOTIFICATIONS (Corrected)				
Puerperal Fever ... }	6.31	8.14	5.30	6.82
Puerperal Pyrexia				
Maternal Mortality in England and Wales :—				
International List No. and Cause	Rates per 1,000 Total (Live & Still) Births		Rates per million women aged 15-44	
140 Abortion with Sepsis	0.11		8	
141 Abortion without Sepsis	0.05		4	
142 Puerperal infections	0.11			
142-146, 148-150 Other maternal causes	0.71			
(a) Rates per 1,000 Total Population.				
(b) Per 1,000 related Live Births.				

**ANNUAL REPORT of the Medical Officer of Health in Respect of the Year 1949 for the
Urban District of Bentley-with-Arksey in the County of York.**

Prescribed particulars on the administration of the Factories Act, 1937.

PART 1 OF THE ACT

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

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of		
			Inspections (4)	Written notices (5)	Occupiers prosecuted (6)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	1	5	5	—	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	59	59	—	1
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	—	—	—	—
TOTAL ...		64	64	—	1

2.—CASES IN WHICH DEFECTS WERE FOUND

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

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				Number of cases in which prosecut'ns were instituted (7)
		Found (3)	Remedied (4)	Referred To H.M. Inspector (5)	Referred By H.M. Inspector (6)	
Want of cleanliness (S.1)	4	—	—	—	—	—
Overcrowding (S.2)	5	—	—	—	—	—
Unreasonable temperature (S.3) ...	6	—	—	—	—	—
Inadequate ventilation (S.4)	7	—	—	—	—	—
Ineffective drainage of floors (S.6) ...	8	—	—	—	—	—
Sanitary Conveniences (S.7)						
(a) insufficient	9	1	—	—	—	1
(b) Unsuitable or defective ...	10	—	—	—	—	—
(c) Not separate for sexes ...	11	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	12	—	—	—	—	—
TOTAL	60	1	—	—	—	1

PART VIII OF THE ACT. OUTWORK. (Sections 110 and 111).

Rug-making ... 1

J. FERGUSON,
Medical Officer of Health.

