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BOROUGH OF ILKESTON



ANNUAL HEALTH REPORT

for the Year 1950

BY

H. L. BARKER

M.D., B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H.

Medical Officer of Health



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Medical Officer of Health

BOROUGH OF ILKESTON

HEALTH, MATERNITY AND CHILD WELFARE COMMITTEE

THE MAYOR	Councillor J. C. BRITTON
(Councillor G. A. Wright, J.P.)	„ H. FISHER
Councillor Mrs. E. E. Bostock	„ W. A. HASELL
(Chairman)	„ G. MILLER
Alderman J. HENSHAW	„ C. K. MURRAY
„ H. TRUEMAN	„ R. A. W. PINDER
„ D. BARTON, c.c.	„ Mrs. M. RIGLEY
Councillor G. BLOUNT	„ I. STRAW
„ E. BOSTOCK, J.P.	

HOUSING AND TOWN PLANNING COMMITTEE

THE MAYOR	Councillor C. HORRIDGE
(Councillor G. A. Wright, J.P.)	„ C. K. MURRAY
Alderman D. BARTON, c.c.	„ A. MEAKIN
„ J. HENSHAW (Chairman)	„ R. A. W. PINDER
„ J. A. MACDONALD, M.B.E.	„ Mrs. M. RIGLEY
Councillor E. BOSTOCK, J.P.	„ J. C. SIMPSON
„ Mrs. E. E. BOSTOCK	„ A. STAPLETON
„ H. FISHER	„ R. SKELTON
„ W. HASELL	„ I. STRAW

PUBLIC HEALTH STAFF (1950)

Medical Officer of Health :

H. L. BARKER, M.D., B.S.(Lond.), M.R.C.S., L.R.C.P., D.P.H.

Chief Sanitary Inspector :

C. E. ADCOCK, Cert.S.I.B., M.S.I.A.

Deputy Chief Sanitary Inspector :

R. W. BOOTH, Cert.S.I.B., M.R.S.I.
appointed 26th September, 1938.

F. TAYLOR, Cert.S.I.B.
appointed 1st January, 1947.

Clerks :

Miss L. TRUEMAN.

Mr. F. BOAM

Miss J. DOAR (resigned 14th April, 1950).

Miss M. BUXTON (appointed 24th April, 1950).

Rodent Operative :

R. JULIAN (resigned 30th November, 1950).

SECTION I

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	..	..	..	..	..	..	3,017
Population :—							
Census, 1931	..	..	..	..	..	..	33,164
Estimated, 1950	..	..	..	..	..	..	33,880
No. of Inhabited Houses (1931 Census)	..	..	..	..	..	..	7,336
No. of Families or Separate Occupiers (1931 Census)	..	..	..	..	..	..	7,907
Rateable Value, 31st March, 1950	..	..	..	..	..	..	£154,765
Sum represented by a Penny Rate	..	..	..	..	..	..	£610
Rates 16s. 4d. in the £ (1949-50).							

EXTRACTS FROM VITAL STATISTICS

Live Births.	Total.	M.	F.	Birth-rate.
Legitimate ..	577	288	289	} 17.73
Illegitimate ..	24	15	9	
	<u>601</u>	<u>303</u>	<u>298</u>	

The Birth-rate for England and Wales for 1950 was 15.8

Still Births.	Total.	M.	F.
Legitimate	18	9	9
Illegitimate	1	1	—
	<u>19</u>	<u>10</u>	<u>9</u>

Rate per 1,000 total births (live and still births) . . 30.6

Deaths.	Total.	M.	F.	Death-rate.
	363	200	163	Ilkeston. Eng. & Wales.
				10.71 11.6

Deaths from Puerperal Causes.

	Deaths.	Rate per 1,000 total (live and still) births.
Puerperal Sepsis ..	—	—
Other Maternal Causes	—	—
	<u>—</u>	<u>—</u>
Total ..	Nil	Nil

Infant Mortality.

Death-rate of Infants under 1 year of age per 1,000 live-births:—

Legitimate infants per 1,000 legitimate live-births	32.928
Illegitimate infants per 1,000 illegitimate live-births	Nil
All infants per 1,000 live births	31.610
Rate for England and Wales	29.800

Specified Deaths.

Cancer (all ages)	56
Measles (all ages)	1
Whooping Cough (all ages)	—
Diarrhoea (under 2 years)	1
Diphtheria	—
Pulmonary Tuberculosis	12
Non-Pulmonary Tuberculosis	—
Motor Vehicle Accidents	3

BIRTH-RATES, DEATH-RATES, and ANALYSIS OF MORTALITY
DURING THE YEAR 1950. *(Provisional figures)*

	BIRTH-RATE PER 1,000 POPULATION		ANNUAL DEATH-RATE PER 1,000 POPULATION								RATE PER 1,000 LIVE BIRTHS		
	Live Births	Still Births	All Causes	Typhoid and Paratyphoid Fevers	Small-pox	Tuberculosis	Acute Polio-myelitis (inc. encephalitis)	Whooping Cough	Diphtheria	Influenza	Pneumonia	Diarrhoea and Enteritis (under two years)	Total Deaths under one year
England and Wales	15.8	0.37	11.6	0.00	0.00	0.36	0.02	0.01	0.00	0.10	0.46	1.9	29.8
126 County Boroughs and Great Towns, including London	17.6	0.45	12.3	0.00	0.00	0.42	0.02	0.01	0.00	0.09	0.49	2.2	33.8
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census, 1931)	16.7	0.38	11.6	0.00	0.00	0.33	0.02	0.01	0.00	0.10	0.45	1.6	29.4
London	17.8	0.36	11.8	0.00	0.00	0.39	0.01	0.01	0.00	0.39	0.48	1.0	26.3
Ilkeston	17.73	0.56	10.71	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.26	1.6	31.6

The maternal mortality rate for England and Wales is :— per 1,000 Total Births (live and still) 0.86

Below is given a table which analyses the causes of the 363 deaths,
and the ages at which they occurred :—

Causes of Death	Sex	All Ages	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 up
All causes	M.	200	12	—	2	1	2	9	65	59	50
	F.	163	7	—	—	2	4	12	45	47	46
1. Tuberculosis—respiratory	M.	7	—	—	—	—	1	3	2	1	—
	F.	5	—	—	—	—	2	2	1	—	—
2. Tuberculosis—other ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
3. Syphilitic Disease ..	M.	1	—	—	—	—	—	—	1	—	—
	F.	—	—	—	—	—	—	—	—	—	—
4. Diphtheria	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
5. Whooping Cough ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
6. Meningococcal infections ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
7. Acute Poliomyelitis ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
8. Measles	M.	1	—	—	1	—	—	—	—	—	—
	F.	—	—	—	—	—	—	—	—	—	—
9. Other infective and parasitic diseases ..	M.	1	—	—	—	—	—	—	1	—	—
	F.	1	—	—	—	—	—	—	1	—	—
10. Malignant neoplasm stomach ..	M.	9	—	—	—	—	—	1	2	5	1
	F.	2	—	—	—	—	—	—	1	1	—
11. Malignant neoplasm lung, bronchus ..	M.	7	—	—	—	—	—	—	5	2	—
	F.	—	—	—	—	—	—	—	—	—	—
12. Malignant neoplasm—breast ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	4	—	—	—	—	—	1	1	2	—
13. Malignant neoplasm—uterus ..	M.	—	—	—	—	—	—	—	—	—	—
	F.	5	—	—	—	—	—	1	1	3	—
14. Other malignant and lymphatic neoplasms ..	M.	20	—	—	—	1	—	1	8	8	2
	F.	9	—	—	—	—	—	1	5	1	2
15. Leukaemia and aleukaemia	M.	—	—	—	—	—	—	—	—	—	—
	F.	2	—	—	—	—	—	—	2	—	—
16. Diabetes	M.	1	—	—	—	—	—	—	—	1	—
	F.	2	—	—	—	—	—	—	1	1	—
17. Vascular lesions of nervous system ..	M.	21	—	—	—	—	—	—	2	8	11
	F.	35	—	—	—	—	—	1	7	17	10
18. Coronary disease angina ..	M.	15	—	—	—	—	—	2	6	7	—
	F.	8	—	—	—	—	—	—	6	1	1
19. Hypertension with heart disease ..	M.	1	—	—	—	—	1	—	—	—	—
	F.	1	—	—	—	—	—	—	1	—	—
20. Other heart disease ..	M.	25	—	—	—	—	—	—	6	8	11
	F.	32	—	—	—	—	—	2	4	6	20
21. Other circulatory disease ..	M.	8	2	—	—	—	—	—	3	—	3
	F.	6	—	—	—	—	—	1	1	3	1
22. Influenza	M.	2	—	—	—	—	—	—	1	1	—
	F.	2	—	—	—	—	—	—	1	1	—
23. Pneumonia	M.	5	2	—	—	—	—	—	—	2	1
	F.	4	1	—	—	—	—	—	1	2	—
24. Bronchitis	M.	27	—	—	—	—	—	—	7	8	12
	F.	14	1	—	—	—	—	2	6	2	3

(Continued over)

(Table continued)

Causes of Death	Sex	All Ages	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 up
25. Other diseases of respiratory system ..	M.	5	2	-	-	-	-	-	2	1	-
	F.	1	-	-	-	-	-	-	-	-	1
26. Ulcer of stomach and duodenum ..	M.	3	-	-	-	-	-	-	1	1	1
	F.	1	-	-	-	-	-	-	1	-	-
27. Gastritis, Enteritis and diarrhoea ..	M.	-	-	-	-	-	-	-	-	-	-
	F.	1	-	-	-	-	-	-	-	1	-
28. Nephritis and nephrosis ..	M.	4	-	-	-	-	-	1	1	-	2
	F.	3	-	-	-	-	-	-	1	2	-
29. Hyperplasia of prostate ..	M.	2	-	-	-	-	-	-	1	1	-
	F.	-	-	-	-	-	-	-	-	-	-
30. Pregnancy, child-birth and abortion ..	M.	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-
31. Congenital Malformations	M.	4	4	-	-	-	-	-	-	-	-
	F.	4	3	-	-	1	-	-	-	-	-
32. Other defined and ill-defined diseases ..	M.	21	2	-	-	-	-	-	10	3	6
	F.	15	2	-	-	1	2	1	2	3	4
33. Motor vehicle accidents ..	M.	1	-	-	-	-	-	1	-	-	-
	F.	2	-	-	-	-	-	-	1	1	-
34. All other accidents ..	M.	4	-	-	1	-	-	-	2	1	-
	F.	4	-	-	-	-	-	-	-	-	4
35. Suicide ..	M.	5	-	-	-	-	-	-	4	1	-
	F.	-	-	-	-	-	-	-	-	-	-
36. Homicide and operations of war	M.	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-

VITAL STATISTICS

Comparative tables showing the more important rates are appended.

Birth-rates and Death-rates

Year	Birth Rate	Death Rate	Year	Birth Rate	Death Rate	Year	Birth Rate	Death Rate	Year	Birth Rate	Death Rate
1911	32.6	15.4	1921	27.2	11.6	1931	18.01	11.68	1941	15.49	11.93
1912	29.4	11.7	1922	23.3	9.6	1932	16.33	10.7	1942	18.51	11.35
1913	29.0	13.9	1923	21.9	10.4	1933	15.68	12.3	1943	21.17	13.61
1914	27.0	15.2	1924	21.6	10.9	1934	15.5	10.65	1944	20.19	10.57
1915	29.7	14.9	1925	21.3	12.2	1935	16.45	11.58	1945	18.99	11.34
1916	25.9	12.3	1926	20.7	10.4	1936	16.27	11.39	1946	21.07	10.25
1917	23.7	11.9	1927	18.1	11.1	1937	17.2	11.69	1947	24.56	11.27
1918	21.6	16.5	1928	18.61	10.15	1938	15.48	10.05	1948	21.17	11.18
1919	22.6	12.4	1929	17.59	12.48	1939	15.5	10.63	1949	18.02	11.28
1920	28.5	11.7	1930	20.28	10.23	1940	15.85	12.18	1950	17.73	10.71

Maternal Mortality Rates

Year.	Maternal Mortality Rate.	Year.	Maternal Mortality Rate.	Year.	Maternal Mortality Rate.
1921	3.3	1931	3.3	1941	4.07
1922	6.5	1932	3.5	1942	1.79
1923	2.7	1933	1.8	1943	1.56
1924	6.9	1934	5.6	1944	1.58
1925	2.7	1935	1.7	1945	Nil
1926	7.0	1936	3.5	1946	Nil
1927	5.0	1937	1.73	1947	Nil
1928	8.1	1938	1.9	1948	Nil
1929	1.7	1939	Nil	1949	Nil
1930	5.9	1940	Nil	1950	Nil

Infantile Mortality Rates

Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate	Year	I.M. Rate
1901	181.8	1911	151.8	1921	92.5	1931	68.5	1941	70.4
1902	176.4	1912	106.8	1922	83.8	1932	74.9	1942	63.8
1903	198.1	1913	152.9	1923	91.2	1933	78.2	1943	61.09
1904	183.5	1914	149.4	1924	75.5	1934	55.1	1944	63.83
1905	158.1	1915	142.5	1925	110.9	1935	62.8	1945	41.6
1906	177.3	1916	102.2	1926	83.4	1936	50.9	1946	31.34
1907	156.9	1917	129.6	1927	87.2	1937	66.3	1947	42.5
1908	147.1	1918	94.6	1928	60.2	1938	34.1	1948	58.23
1909	191.2	1919	129.9	1929	78.6	1939	48.38	1949	36.42
1910	132.8	1920	99.0	1930	62.3	1940	98.1	1950	31.61

Vital Statistics.

The birth-rate has continued to go down while the death-rate is more or less stationary. The figure representing the natural increase of the population, that, is the difference between the number of births and the number of deaths, is 238 and is a little below the average for the past twenty years. The infantile mortality rate of 31.61 must be regarded as satisfactory. Once again there was no maternal mortality. For the last six years no resident in the Borough has died in child-birth.

Deaths from Violence.

(1) Suicide.

There were five deaths, all males. Three were caused by inhaling coal gas, one by hanging and one by drowning.

(2) Other deaths by Violence.

Three deaths were caused by road traffic accidents. One male adult was thrown from his motor cycle and two elderly women were knocked down by motor lorries. No children were involved. Two fatal industrial accidents occurred, both below ground in collieries. Six further deaths were due to accidental falls.

SECTION II

GENERAL PROVISION OF HEALTH SERVICES

Hospitals.

Three hospitals are provided within the Borough by the Sheffield Regional Hospital Board, namely :—

1. The Ilkeston General Hospital (54 beds)
Heanor Road, Ilkeston.
2. The Ilkeston Maternity Home (10 beds)
Park Avenue, Ilkeston.
3. The Longfield Children's Hospital (16 beds)
Longfield Lane, Ilkeston.

Clinics.

The Clinics in Ilkeston provided by the Derbyshire County Council are given in tabular form.

Ambulance Service.

The Derbyshire County Council have an Ambulance Station at Manor House, Ilkeston, where four ambulances and a car for sitting cases are maintained. The telephone number is Ilkeston 936.

Maternity and Child Welfare Service.

This service is administered by the Derbyshire County Council and the chief features are as follows :—

Health Visiting.

There are three county nurses residing in the Borough who carry out this work. Two of them who are trained health visitors also act as tuberculosis nurses and attend the Chest Clinic and visit when necessary the homes of the patients who attend there.

Ante-Natal and Post-Natal Clinic.

These are held every Monday at Albert Street Clinic, and are attended by the obstetric specialists, Miss Glen Bott and Miss C. Bates. Blood tests for the Rhesus factor and Kahn tests are carried out. Dental care for expectant mothers can also be given. Maternity outfits are provided free to those who need them.

Maternity In-Patient Accommodation.

This is available for expectant mothers who need it. Priority is given to those who are having their first child, also to those who need it on medical grounds and are recommended by their doctor, and also to those whose need is sociological. The last group is visited by the health visitors who report on the urgency of the need for in-patient treatment.

Midwifery Service.

There are four county midwives resident in the Borough who can be summoned by telephone. They are all in possession of a car. Gas and air analgesia can be administered.

Infant Welfare Centres.

The County administers two centres where clinics are held as follows :—

The Clinic Albert Street, Ilkeston.
Tuesdays, 1.30 p.m.—4 p.m.

The United Methodist School, Wesley Street,
Cotmanhay, Ilkeston.
Thursdays, 2 p.m.—4 p.m.

A doctor attends each clinic.

Day Nurseries.

There are two Day Nurseries administered by the County within the Borough.

1. Station Road Day Nursery, Station Road, Ilkeston. This has an establishment of thirty-five places for children from birth to 5 years of age.
2. Whitworth Road Day Nursery, Lower Whitworth Road, Ilkeston. The establishment for this Nursery is fifty places for Children from birth to 5 years of age.

Occupation Centre.

This centre is for mentally defective children. It is held at St. Mary's Schools, Hallcroft Road, Ilkeston.

Home Nursing Service.

There are four or five county home nurses within easy reach.

Laboratory Facilities.

Use is made of the bacteriological and chemical laboratories belonging to the County at Derby. Arrangements have also been made for the regular analysis of water samples by the public analyst at Nottingham.

Legislation in Force.

The only change has been the adoption of the Ministry of Food " Model Byelaws with respect to handling, wrapping and delivery of food and sale of food in the open air " by this Local Authority.

CLINICS

	Situation	Medical Officer in Attendance	When held	Accommodation	Provided by
Maternity and Child Welfare Centres	(1) Albert Street	M.O.H.	Tuesdays, 2—4 p.m.	3 rooms	Derbyshire C.C.
	(2) Wesley Street	Dr. F. B. Sudbury	Thursdays, 2—4 p.m.	3 rooms	do.
Ante-natal Clinic Post-natal Clinic	Albert Street Albert Street	Miss Glen Bott and Miss C. Bates	Mondays, 2—5 p.m.	3 rooms	do.
School Clinic	Albert Street	M.O.H.	Daily, 10—12 M.O.H. attends Tues- days and Thursdays	3 rooms	do.
Orthopaedic Clinic	Albert Street	Orthopaedic Sur- geon attends mon- thly on 4th Wed- nesday	Wednesdays, a.m. and p.m. Miss Garratt	2 rooms	do.
Chest Clinic	Albert Street	Chest Physician	Wednesdays, a.m. and p.m.	3 rooms	do.

SECTION III

SANITARY CIRCUMSTANCES OF THE AREA

Water.

There has been no change in the source of supply. The water was satisfactory in quality and the supply was sufficient in quantity. There is a piped supply to every part of the Borough. The monthly consumption varied with the season of the year. In January it was approximately 42 million gallons or 40 gallons per head per day. In June it was 46 million gallons or 45 gallons per head per day. During the year seven samples were taken of the water going into supply and were submitted for both chemical and bacteriological analysis. The result for each sample was satisfactory. The report on the last sample analysed by Mr. Taylor, the public analyst of Nottingham is given as an example. The water is not plumbosolvent.

1, Regent Street,
Nottingham,
19th December, 1950.

REPORT OF ANALYSIS OF WATER

Received 13th December, 1950, from

BOROUGH OF ILKESTON

Mark No. 7/1950 Public Supply

This sample contains per million parts :—

Total Solids dried at 180°C.	190.00
Suspended Matter	absent
Chlorides as chlorine	17.80
Oxidised Nitrogen as nitrate	absent
Oxidised Nitrogen as nitrite	absent
Free Ammonia	0.004
Albuminoid Ammonia	0.004
Temporary Hardness	65.00
Permanent Hardness	60.00
Oxygen absorbed in 4 hours at 80°F. from N/80 KMnO ₄	0.00
pH value	8.00
Appearance	clear and bright
Odour	none
Taste and Colour	normal
Heavy Metals	absent
Free Chlorine	absent
No. of colonies developing per ml. on agar at 21°C. in 72 hours	4
No. of colonies developing per ml. on agar at 37°C. in 24 hours	0
No. of colonies developing per ml. on agar at 37°C. in 48 hours	0
Coli-aerogenes count per 100 mls. at 37°C. in 48 hours	0
Faecal Coli count per 100 mls. at 44°C. in 48 hours	0
Bacillus Coli (Presumptive)	Absent in 100 mls.

At the time of sampling this water was of suitable bacterial and chemical quality for human consumption, domestic use and dairy purposes.

(Signed) W. W. TAYLOR, B.Sc., F.R.I.C.

House Supply.

The number of dwelling-houses supplied direct from public water mains was 9,385 and the population of the houses so supplied was 33,834. The number of houses supplied by means of stand-pipes was sixteen, and the population so supplied was forty.

Water Mains.

The laying of water mains on Section 1 of the Kirk Hallam Housing Estate was completed. The water mains for Section 2 of the Estate were half finished at the end of the year.

Reservoirs.

Marlpool Reservoir. Capacity two million gallons. This reservoir, within which extensive repairs were effected in the previous year, remained in a reasonably serviceable condition during 1950.

Croft Yard. Capacity two million gallons. This new reservoir is built in two halves so that either half can be used independently of the other. The essential building work was completed early in the year and during the remainder of the year each half was submitted to tests to determine their soundness. These tests had not been completed at the end of the year.

Sewage Works and Sewers.

At the Sewage Works the contract for the renewal of troughing and the media of bacterial beds was completed in the early months. In May houses in the Trowell area of the Basford R.D.C. commenced to be connected up to the Borough sewerage system in accordance with an agreed arrangement.

At the Gallows Inn pumping station ejectors were installed in place of the old pumps. At Kirk Hallam the foul sewer in Ladywood Road was three-quarters completed, and the ejector station was brought into use. In the Kirk Hallam Housing Estate the sewers working on the separate system were completed in both Section 1 and Section 2.

Disposal of Refuse.

Dry refuse has been collected by a contractor as in former years, this method having been found to be the most economical as a result of several enquiries and reports during the past twenty-five years. The refuse is disposed of by controlled tipping on Corporation land which has been raised and levelled so as to create playing fields.

Sanitary Inspection of the Area.

Comprehensive details of the work of the Sanitary Inspectors have been drawn up by Mr. Adcock, the Chief Sanitary Inspector and are to be found in the form of Tables.

SECTION IV HOUSING, 1950

HOUSING STATISTICS

Total number of New Houses erected during the year	109
(1) By the Local Authority (permanent)	83
(2) By Other Local Authorities	<i>Nil</i>
(3) By other bodies or persons	26
Total number of houses owned by the Local Authority at the end of the year	1,665
Permanent Council Houses—	
(a) Traditional	1,488
(b) Aluminium	70
Prefabricated Bungalows	100
Others	7

HOUSE INSPECTION

- (1) Inspection of Dwelling-houses during the year 1950.
 - (a) (i) Total number of dwelling-houses inspected for housing defects (Public Health or Housing Acts) 304
 - (ii) Number of inspections made for the purpose 707
 - (b) (i) Number of dwelling-houses (included under sub-head (a) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 6
 - (ii) Number of inspections made for the purpose 6
 - (c) Number of dwelling-houses found to be in a state so dangerous or injurious as to be unfit for human habitation 9
 - (d) Number of dwelling-houses (exclusive of these referred to under the preceding sub-head) found not to be in all respects fit for human habitation 292
- (2) Remedy of defects during the year without service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	286
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(3)	Action under Statutory Powers during the year 1950.	
(a)	Proceedings under Sections 9, 10 and 16, of the Housing Act, 1936	6
(b)	Proceedings under Public Health Acts	48
(c)	Proceedings under Sections 11 and 13 of the Housing Act, 1936 :	
(i)	Number of dwelling-houses in respect of which Demolition Orders were made	1
(ii)	Number of dwelling-houses demolished in pursuance of Demolition Orders	9
(d)	Proceedings under Section 12 of the Housing Act, 1936	Nil
(4)	Houses closed in pursuance of an undertaking given by the owners under Section 11, of the Housing Act, 1936	Nil
(5)	Number of dwelling-houses within the Borough on the 31st December, 1950	9,378

SECTION V

INSPECTION AND SUPERVISION OF FOOD

Milk.

The number of retail milk distributors registered was 104. As regards "designated milk" the number of dealers who were licensed to use the designation "Tuberculin Tested" was sixteen. Those licensed to use the designation "Pasteurised" numbered ten. Those licensed to use the term "Sterilised" was seventy-eight.

Meat and other Foods.

Nearly all the fresh meat for the Borough was brought in from the public abattoir in Derby where it was purchased by the Ilkeston Butchers' Buying Committee. The transportation from Derby direct to the retailing butcher in Ilkeston was done by a contractor in properly fitted vehicles. A close watch was kept on the method of transport.

A large amount of other foods were inspected and the amount of food surrendered is given below.

Canned Meat	.. .. .	363 lbs.
Bacon and Ham	.. .. .	121½ lbs.
Butter and Cheese..	.. .. .	73 lbs.
Canned Fish	.. .. .	16 lbs.
Canned Milk	.. .. .	243 lbs.
Canned Fruit	.. .. .	119¾ lbs.
Fresh Fruit	.. .. .	38 lbs.
Canned Vegetables (inc. Tomatoes)	.. .. .	1,500 lbs.
Preserves	.. .. .	117 lbs.
Miscellaneous	.. .. .	723¾ lbs.
Total	.. .. .	1 ton 9 cwt. 67 lbs.

SECTION VI

INFECTIOUS AND OTHER DISEASES

General.

The number of notified infectious diseases apart from tuberculosis was 662. The majority of this number was accounted for by two diseases, namely, Measles 390 cases and Chicken Pox 182 cases. In spite of the large number of cases of Measles there was only one death from this cause.

The following table gives details concerning the notifiable diseases except Tuberculosis which is considered in Section VII.

Disease	No. Notified	No. Removed to Hospital	Total Deaths
Pneumonia (all forms)	11	2	9
Scarlet Fever	38	5	—
Erysipelas	1	—	—
Chicken-Pox	182	1	—
Whooping Cough	35	—	—
Measles	390	5	1
Acute Encephalitis	1	1	—
Food Poisoning	4	2	—

Ophthalmia Neonatorum.

No cases were notified.

Influenza.

In the case of four deaths influenza was stated to have been one of the contributory causes.

Acute Poliomyelitis or Infantile Paralysis.

During 1950 there was in England and Wales as a whole a severe epidemic of infantile paralysis which was nearly as serious as the outbreak of 1947. Ilkeston was very lucky to escape without a single case being notified.

Cancer.

There were fifty-six deaths from malignant disease which is about the average for recent years. A classification according to age and sex and to the part of the body affected is given in the table of the causes of death on a previous page.

**SEX AND AGE DISTRIBUTION OF CASES OF
NOTIFIABLE DISEASES DURING 1950**

Age Group.	Sex.	Pneumonia all forms	Chicken Pox	Scarlet Fever	Erysipelas	Whooping Cough	Measles	Acute Encephalitis	Food Poisoning
0—1	M.	1	1	—	—	—	8	—	—
	F.	1	2	—	—	4	8	—	—
1—2	M.	—	3	2	—	2	20	—	—
	F.	—	6	—	—	2	23	1	—
2—3	M.	—	5	1	—	3	27	—	—
	F.	1	7	2	—	2	17	—	—
3—4	M.	—	9	6	—	4	35	—	—
	F.	—	6	2	—	3	36	—	—
4—5	M.	—	6	1	—	6	33	—	—
	F.	—	3	1	—	2	27	—	—
5—10	M.	—	65	12	—	3	89	—	—
	F.	—	56	8	—	4	66	—	1
10—15	M.	1	2	—	—	—	—	—	1
	F.	—	6	3	—	—	—	—	—
15—20	M.	—	2	—	—	—	—	—	1
	F.	—	—	—	—	—	1	—	—
20—35	M.	—	1	—	—	—	—	—	—
	F.	—	1	—	—	—	—	—	—
35—45	M.	2	—	—	—	—	—	—	—
	F.	1	—	—	1	—	—	—	1
45—65	M.	2	—	—	—	—	—	—	—
	F.	1	1	—	—	—	—	—	—
65 up- wards	M.	—	—	—	—	—	—	—	—
	F.	1	—	—	—	—	—	—	—
Total all ages	M.	6	94	22	—	18	212	—	2
	F.	5	88	16	1	17	178	1	2
Grand Total		11	182	38	1	35	390	1	4

Diphtheria and its prevention.

No cases occurred during 1950. This is the third year running in which there has been no case of diphtheria. The reason for this prevention of diphtheria must be assigned to the scheme for immunisation which has now continued since the year 1941. Immunisation sessions are held about every month. During 1950 six sessions were held. The total attendances were 589 and the average attendance per session was ninety-eight children. The number of children who received a full course of injections during 1950 was 266. The number who received one reinforcing or "booster" dose during 1950 was sixty-five.

The sessions were discontinued after July owing to the prevalence of Poliomyelitis in the surrounding districts.

SECTION VII TUBERCULOSIS

New Cases.

The numbers of new cases of respiratory tuberculosis were seventeen males and seven females. As regards the non-respiratory form the only new case was one male.

Deaths.

There were twelve deaths, seven males and five females. All were of the respiratory form. All the persons who died had been previously notified as being cases of Tuberculosis.

Particulars of new cases of tuberculosis and deaths from this cause are given in the following table.

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-respiratory.		Respiratory.		Non-respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	1	1	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—
15	1	1	—	—	—	—	—	—
20	4	2	1	—	1	2	—	—
25	3	2	—	—	1	1	—	—
35	2	—	—	—	2	1	—	—
45	4	—	—	—	1	—	—	—
55	1	1	—	—	1	1	—	—
65 and upwards	1	—	—	—	1	—	—	—
Total ..	17	7	1	—	7	5	—	—

Treatment.

Arrangements for treatment are in the hands of the County and the Sheffield Regional Hospital Board. Of the twenty-four new respiratory cases added to the Tuberculosis Register during the year nine patients were admitted to a Sanatorium and one to another Institution. The one new non-respiratory case was admitted to Bretby Hospital. Out of the total twenty-five new patients three died within six months of notification. At the end of 1950 there was a total of 204 persons on the Tuberculosis Register. Of these 167 were respiratory cases and thirty-seven were non-respiratory cases.

Comparative Table.

A table is appended showing the number of new cases of Tuberculosis for the last fourteen years.

New Cases of Tuberculosis.

Year.	Pulmonary		Total	Non-Pulmonary		Total	Grand Total
	M.	F.		M.	F.		
1937	13	16	29	3	5	8	37
1938	13	13	26	2	8	10	36
1939	6	11	17	6	3	9	26
1940	10	9	19	4	2	6	25
1941	11	10	21	6	4	10	31
1942	12	7	19	3	2	5	24
1943	21	16	37	4	7	11	48
1944	7	7	14	5	7	12	26
1945	14	11	25	4	2	6	31
1946	17	14	31	3	3	6	37
1947	8	14	22	1	6	7	29
1948	20	14	34	1	1	2	36
1949	25	11	36	2	2	4	40
1950	17	7	24	1	—	1	25

SECTION VIII

MISCELLANEOUS

National Assistance Act, 1948.

Under Section 47 no person in need of care and attention was moved.

Factories Acts 1937 and 1948.

A copy of the relevant matter in the Annual Report of the Medical Officer of Health with respect to the above Acts is appended.

FACTORIES ACTS, 1937 and 1948
Annual Report of the Medical Officer of Health
in Respect of the Year, 1950
for the
BOROUGH OF ILKESTON
in the
COUNTY OF DERBY

PART I OF THE ACT

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

<i>Premises</i>	<i>Number on Register</i>	<i>Number of</i>		
		<i>In-spections</i>	<i>Written notices</i>	<i>Occupiers prosecuted</i>
(i) Factories in which Sections 1, 2, 3, 4 and 6, are to be enforced by Local Authorities	17	4	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	118	45	3	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	Nil	Nil	Nil	Nil
TOTAL ..	135	49	3	Nil

2. Cases in which DEFECTS were found.

<i>Particulars</i>	<i>Number of cases in which defects were found</i>				<i>Number of cases in which prosecutions were instituted</i>
	<i>Found</i>	<i>Remedied</i>	<i>Referred To H.M. Inspector</i>	<i>By H.M. Inspector</i>	
Want of cleanliness (S.1) ..	-	-	-	-	-
Overcrowding (S.2) ..	-	-	-	-	-
Unreasonable temperature (S.3) ..	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S.6) ..	-	-	-	-	-
Sanitary Conveniences (S.7.)					
(a) insufficient ..	-	-	-	-	-
(b) Unsuitable or defective	1	1	-	-	-
(c) Not separate for sexes	1	1	-	-	-
Other offences against the Act (not including offences relating to Outwork) ..	1	-	-	-	-
TOTAL ..	3	2	Nil	Nil	Nil

PART VIII OF THE ACT

OUTWORK

(Sections 110 and 111)

<i>Nature of Work</i>	<i>Section 110</i>			<i>Section 111</i>		
	<i>No. of out-workers in August list required by Sect. 110(1)(c)</i>	<i>No. of cases of default in sending lists to the Council</i>	<i>No. of prosecutions for failure to supply lists</i>	<i>No. of instances of work in unwholesome premises</i>	<i>Notices served</i>	<i>Prosecutions</i>
Wearing apparel : Making etc. ..	18	—	—	—	—	—
Cleaning and washing ..	—	—	—	—	—	—
TOTAL ..	18	—	—	—	—	—

Food Poisoning.

- One small outbreak confined to some members of one family occurred.
- The number of cases was four.
- There were no deaths.
- No organism or other agent was discovered.
- The food suspected was re-heated meat stew, which four members of the family ate and suffered from symptoms of food poisoning. The fifth member of the family did not partake of the stew and did not suffer. The time of the occurrence was in the fourth quarter of the year.

SANITARY INSPECTION OF THE DISTRICT

Details of Visits and Inspections made by the Sanitary Inspectors.

Inspections to premises	289
Re-inspections to premises	1,259
Visits re-complaints	487
Miscellaneous visits	584
Dustbins inspected	655
Drainage inspections	320
Water closets inspected	494
Infectious Disease investigations	34
Rooms disinfected (Infectious Disease)	41
Beds disinfected (Infectious Disease)	35
Shops Acts visits and inspections	247
Visits re Removals	147
Beds from removals treated	396
Visits re water supply	123
Caravans inspected	136
Visits re cesspools	53
Visits re pail closets	9
Visits re privies	5
Visits re accumulations of refuse	44
Power Factories inspected	26
Non-power factories inspected	4
Visits re Fire Escape	4
Special housing visits for M.O.H.	46
Houses measured	5
Vacant Council houses inspected	35
Verminous premises inspected	15
Rooms disinfested	31
School visits	2
Visits re demolition	10

Meat and Other Foods Inspections.

Food Shops and premises	270
Ice Cream premises	87
Bakehouses inspected	29
Dairies inspected	5
Inspections re Meat delivery	27

Notices Served.

Number of Informal Notices (Public Health Act, 1936)	286
Number of Statutory Notices (Section 24) Public Health Act, 1936	7
Number of Statutory Notices (Section 39) Public Health Act, 1936	36
Number of Statutory Notices (Section 45) Public Health Act, 1936	8
Number of Statutory Notices (Section 56) Public Health Act, 1936	8
Number of Statutory Notices (Section 75) Public Health Act, 1936	12
Number of Statutory Notices (Section 93) Public Health Act, 1936	48
Number of Statutory Notices (Section 138) Public Health Act, 1936	23
Number of Statutory Notices (Section 287) Public Health Act, 1936	1
Number of Informal Notices (Housing Act, 1936)	7
Number of Statutory Notices (Section 9) Housing Act, 1936	6

Sanitary Supervision of Music Halls, Theatres, etc.

Cinemas. The four cinemas have been inspected at various times during the year both during performances and when closed to the public. The cinemas and premises licensed for music and dancing have given no cause for complaint during the year.

An Annual Report is submitted to the Health Committee and the Local Licensing Bench in accordance with the circular 120 of the Ministry of Health 1920.

Canal Boats (Public Health Act, 1936, Sections 249 to 258).

No registered boats were inspected. Boats are still passing for loading up further north, but the number is small.

No boats were registered or removed from the register during the year.

Common Lodging Houses.

There are no common lodging houses in the district.

Factories Act, 1937.

Number of inspections made to Power Factories	26
Number of inspections made to Non Power Factories	4
Number of notices served	3
Number of certificates issued (Section 37)	Nil

Petroleum Acts.

Number of Petroleum Spirit Storage Licences issued	62
Number of inspections made	5

Rag Flock Acts.

No samples taken during the year.

Prevention of Damage by Pests Act, 1949.

Visits re complaints (Rats and Mice)	1,729
Number of premises treated	144
Preliminary surveys to premises	116

The Sewers within the Borough were treated twice during the year.

First treatment commenced 6th March, 1950.

First treatment completed 17th March, 1950.

148 manholes baited (each three times).

Estimated kill from poison take=190 (Ministry formula).

Second treatment commenced 11th September, 1950.

Second treatment completed 23rd September, 1950.

82 manholes baited (each three times).

Estimated kill from poison take=200 (Ministry formula).

Rent and Mortgage Interest (Restrictions) Acts.

No certificates were issued during the year.

Shops Act, 1950.

Number of inspections and visits	247
Number of prosecutions	Nil

This Act came into operation on the 1st October. It consolidates the previous numerous Shops Acts.

Food and Drugs (Milk, Dairies and Artificial Cream) Act, 1950.**Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949.**

Dealers licensed to use the designation Pasteurised	10
Dealers licensed to use the designation Sterilised	78

Milk (Special Designations) (Raw Milk) Regulations 1949.

Dealers licensed to use the designation Tuberculin Tested	16
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Milk and Dairies Regulations 1949 (Distributors).

Number of Milk Distributors registered	104
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Public Health (Meat) Regulations 1924.

There has been no slaughtering under these regulations during the year.

The Ministry of Food have ceased to supply information regarding the number of licences granted for the slaughter of animals for private consumption.

Offensive Trades.

Number on register	2
Number of notices served	Nil

Food and Drugs Act, 1938 (Section 14).

Number of premises registered for the Manufacture or Sale of Preserved Food	42
Number of premises registered for the Preparation and Sale of Fried Fish, Meat Pies, etc.	42
Number of premises registered for the Manufacture and Sale of Ice Cream	14
Number of premises registered for the Sale of Ice Cream	117

Unsound Food Surrendered in 1950

836 tins	Tomato	7 tins	Pilchards
57 tins	Jam	2 tins	Crab
25 tins	Marmalade	5 tins	Mussels (Marinated)
33 tins	Soup	5 tins	Salmon
14 pkts.	Soup Powder	37 lbs.	Flour
51 tins	Peas	112 lbs.	Oats
312 tins	Milk	$\frac{1}{2}$ lb.	Suet
7 pkts.	Milk Powder	2 lbs.	Sugar
24 tins	Peaches	42 lbs.	Egg (Frozen whole)
8 tins	Apricots	56 lbs.	Pyclets
2 tins	Strawberries	47 lbs.	Cake
37 tins	Plums	65 lbs.	Biscuits
1 tin	Orange Juice	4 lb.	Salad Cream
5 bots.	Tomato Sauce	4 lb.	Picalilli
21 tins	Beans in Tomato	16 lbs.	Pickles
12 tins	Beans	17 lbs.	Red Cabbage
3 tins	Spaghetti	3 tins	Beetroot
105 tins	Tomato Juice	11 tins	Carrots
80 tins	Tomato Puree	3 tins	Mixed Vegetables
$3\frac{1}{2}$ lbs.	Margarine	1 tin	Rhubarb
$48\frac{1}{2}$ lbs.	Butter	2 lbs.	Pears
1 tin	Peanut Butter	2 lbs.	Apples
$20\frac{1}{4}$ lbs.	Cheese	15 lbs.	Oranges
$112\frac{1}{2}$ lbs.	Bacon	6 tins	Gooseberries
9 lbs.	Ham	10 lbs.	Dried Prunes
372 tins	Luncheon Meat	11 tins	Grapes
22 tins	Steak	8 lbs.	Dates
$14\frac{1}{2}$ lbs.	Sausage	46 lbs.	Pudding Mixture
28	Meat Pies	28	Jellies
1 tin	Meat Paste	21 bots.	Coffee
82 tins	Fish Paste	1 bot.	Lime Cordial
2 tins	Sardines		

SUMMARY

Canned Meat	363 lbs.
Bacon and Ham	$121\frac{1}{2}$ lbs.
Butter and Cheese	73 lbs.
Canned Fish	16 lbs.
Canned Milk	243 lbs.
Canned Fruit	$119\frac{3}{4}$ lbs.
Fresh Fruit	38 lbs.
Canned Vegetables (inc. Tomatoes)	1,500 lbs.
Preserves	117 lbs.
Miscellaneous	$723\frac{3}{4}$ lbs.

TOTAL .. 3,315 lbs.

C. E. ADCOCK, Cert.S.I.B., M.S.I.A.,
Chief Sanitary Inspector.



