[Report 1939] / Medical Officer of Health, Ilkeston Borough.

Contributors

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BOROUGH OF ILKESTON

ANNUAL HEALTH

AND

SCHOOL MEDICAL REPORT

for the Year 1939

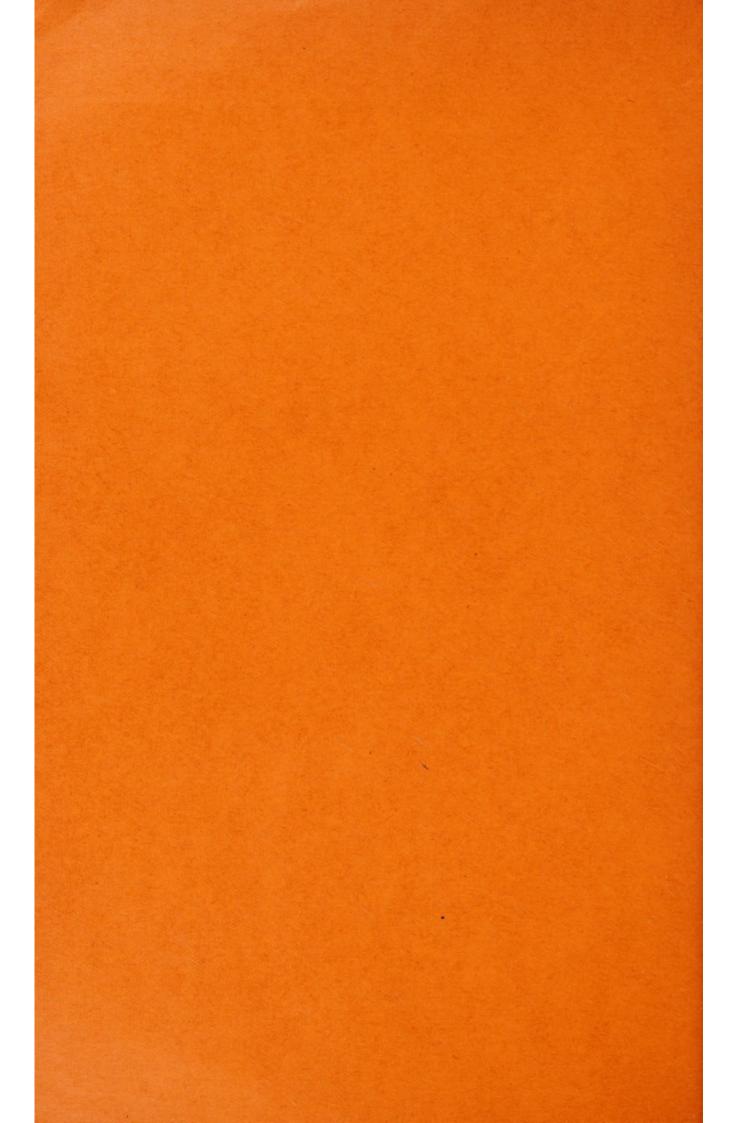
BY

H. L. BARKER

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

Medical Officer of Health, Medical Superintendent of the Isolation Hospital, Superintendent of Maternity Home, and School Medical Officer.

Thos. Roe, Printer, Bath Street, Ilkeston



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BOROUGH OF ILKESTON

HEALTH, MATERNITY AND CHILD WELFARE COMMITTEE.

THE MAY (Coun	YOR ccillor H. Trueman, J.P.)	Councillor J. E. KIRK
Alderman	J. WOOLLEY, J.P. (Chairman)	,, A. MEAKIN ,, Mrs. J. B. McINTYRE,
	W. LACEY	" J. OFIELD J.P.
,,	S. SHAW	,, Mrs. J. TAYLOR
Councillor	E. ADAMS, J.P.	" R. WINFIELD
,,	D. BARTON	Mrs. BALL
. ,,	E. BOSTOCK	" COPLEY
,,	G. H. BROUGHTON	,, GRAHAM
,,	J. HENSHAW	" JONES
,,	E. A. HESKETT	" SQUIRES
,,	J. HOULT	" THORNHILL

T

HOUSING AND TOWN PLANNING COMMITTEE.

1.12.2.2			nio domini i EE.
THE MAY	YOR Councillor H. Trueman, J.I	Councillor P.)	J. HENSHAW (Chairman)
Alderman	A. HENSHAW, J.P.	,,	J. HOULT
,,	S. SHAW	,,	J. A. MACDONALD, M.B.E.
	J. WOOLLEY, J.P.	.,	A. MEAKIN
Councillor	G. H. BROUGHTON	.,	Mrs. J. B. McINTYRE, J.P.
			S. PAGE

PUBLIC HEALTH STAFF (1939).

Medical Officer of Health and Superintendent of the Isolation Hospital: H. L. BARKER, M.D., B.S. (Lond.), M.R.C.S., L.R.C.P., D.P.H.-(1)

Obstetric Physician to the Maternity Home and Medical Officer to Central Welfare Centre : PATRICK HUGHES, M.B., B.S.—(1) (2).

Physician to Ante-Natal Clinic : MARGARET GLEN BOTT, M.B., B.S. (Lond.), M.R.C.S., L.R.C.P. (1) (2).

Tuberculosis Officer (appointed by Derbyshire County Council) : C. KINGSTON, M.R.C.S., L.R.C.P., D.P.H.

Orthopaedic Surgeon : G. A. Q. LENNANE, M.A., M.B., B.Ch.—(1) (2).

Obstetric Consultant : C. D. LOCHRANE, M.D., F.R.C.S. (Ed.)—(1) (2).

Senior Sanitary Inspector : C. E. ADCOCK, Cert.S.I.B., M.S.I.A.—(1).

Sanitary Inspectors :

J. L. WILLOUGHBY, Cert.S.I.B., M.S.I.A.—(1), appointed September, 1937.

R. W. BOOTH, Cert.S.I.B., M.S.I.A.,-(1), appointed September, 1938. On Active Service.

Health Visitors and School Nurses :

Miss M. E. SHERLOCK, S.R.N., C.M.B. (1) Miss H. BLAIR, S.R.N., C.M.B. (1) Miss L. OTTEWELL, S.R.N., C.M.B. (1) Miss M. HILL, S.R.N., C.M.B. (1)

Matron, Isolation Hospital : Miss F. M. PERRY., S.R.N.

Matron, Maternity Home : Miss L. WELLS, S.R.N., C.M.B.

Tuberculosis Nurse (appointed by Derbyshire County Council) : Miss D. DONKIN, S.R.N., C.M.B.

> Clerks : Miss L. TRUEMAN. Miss H. CLARKE. Mr. J. NICHOLLS.

(1) = Exchequer Grants.
 (2) = Part-time Officers.

SECTION I.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)						 2,861
Population :						
Census, 1931						 33,164
No. of Inhabited H						
No. of Families or	Separat	e Occu	piers (1931 Ce	ensus)	 7,907
Rates 16s. 0d. in the	he £ (19	38-39)				

EXTRACTS FROM VITAL STATISTICS.

Live Births. Legitimate Illegitimate		M. 243 8	F. 237 8	Birth Rate. $\left. \begin{array}{c} \text{Birth Rate.} \\ 15.5 \end{array} \right.$
				-
	496	251	245	
	and the second s	and the second s	-	

The Birth Rate for England and Wales for 1939 was 15.0.

Still Births.		Total.	Μ.	F.
Legitimate		13	3	10
Illegitimate		2	2	-
		15	5	10
				-
D (4 . 4 . 1 1. 1.	11 /1:	1	20.25

Rate per 1,000 total births (live and still births) .. 29.35

				D	eath Rate.
Deaths.	Total.	М.	F.	Ilkeston.	Eng. & Wales.
	339	167	172	10.63	12.1

Deaths from Puerperal Causes.

	Deaths.	(live and still) births.
Puerperal Sepsis	-	-
Other Puerperal Causes	s –	-
Total	Nil	Nil
		Terror Control of Cont

= 1 000 total

Infant Mortality.

Death rate of Infant Legitimate infa	ants per	1,000	legit	timate	e live	e birth	S	45.83
Illegitimate inf	ants per	: 1,000 i	llegi	itimat	e liv	e birth	s 1	25.00
All infants per	1,000 li	ve birt.	hs					48.38
Rate for Engla	nd and	Wales						50.00
Specified Deaths.								
Cancer (all ages)								. 44
Measles (all ages)								. –
Whooping Cough (a								. 1
Diarrhoea (under 2	maneal							. 1

BIRTH-RATES, DEATH-RATES, and ANALYSIS OF MORTALITY DURING THE YEAR 1939. (Provisional figures.)

	BIRTH RATE PER 1,000 POPULATION	BIRTH RATE PER 1,000 POPULATION		ANNU	JAL DE	ANNUAL DEATH-RATE PER 1,000 POPULATION	TE PER	1,000 F	OPULA'	LION	LIVE I	KATE PET 1,000 IVE BIRTHS
	Live Births	Still Births	All Causes	Typhoid and Paratyphoid fevers	xoq-llam2	Measles	Scarlet Fever	Saigooping Vhooping	Diphtheria	szasuftal	Diarrhoea and Enteritis (under two years)	year under one Year
England and Wales	15.0	0.59	12.1	00-0	0.00	0-01	10-0	0.03	0.05	0.21	4-6	50
126 County Boroughs and Great Towns, including London	14.8	0.59	12.0	00-0	00-00	0-01	00-0	0-03	0-05	0.19	6-3	53
Populations 25,000 to 50,000 at Census, 1931)	15.6	0-57	11.2	0.00	0.00	0.01	0.00	0.02	0.04	0.20	3-0	40
London	12.3	0-44	11.9	00-0	0.00	00-0	00.0	0.03	0.02	0.18	8.2	48
Ilkeston	15.5	0-46	10.63	0.00	00-00	0.06	0.00	0-03	0.00	0.15	0.00	48.38

Others. Total 2.08 2.82 The maternal mortality rates for England and Wales are as follows :--- per 1,000 Total Births (live and still) 0.74

5

and the ag	es at which	h they oc	curred :
------------	-------------	-----------	----------

Causes of Death	Sex	All Ages	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65-75	75 u
All Causes	М.	172	14	-	2	4	5	15	45	46	40
and the second	F.	167	10	-	1	5	5	20	49	45	33
1. Typhoid & paratyphoid	М.	-	-	-	-	-	-	-	-	-	-
fevers	F.	-	-	-	-	-	-	-	-	-	-
2. Cerebro-spinal fever .	М. F.	-	-	-	-	-	-	-	Ξ	1	-
3. Scarlet fever	M.	_	-	_	-	_	-	-	_		-
5. Scariet level	F.		-	2		_	2	_	-	1	
4. Whooping cough	М.	-	-	-	-	-		-	-	-	-
	F.	1	1	-	-	-	-	-	-	-	-
5. Diphtheria	М.	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-
6. Tuberculosis of	М.	4	-	-	-	-	-	2	2	-	-
respiratory system	F,	13	-	-	-	-	4	8	1	-	-
7. Other forms of Tuberculosis		3	1	-	1	-	1	-	-	-	-
	F.	3	-	-	-	1	1	1	-	-	-
8. Syphilitic diseases	М.	-	-	-	-	-	-	-	-	-	-
	F.	1	-	-	-	-	-	-	1	-	-
9. Influenza	M.	3	-	-	-	-	-	-	2	1	-
	F.	2	-	-	-	-	-	-	1	1	-
D. Measles	M. F.	-	-	-	-	-	-	-	-	-	-
I. Acute polio-myelitis and	M.	-	-	-	-	-	-	-	-	-	_
polio-encephalitis	F.	_	-	-	-	_	-	-	_	-	-
2. Acute infective	M.	_	_		_		-	2	1	_	-
encephalitis		-	-	_	-	-	_	-	-	_	_
3. Cancer of buc. cavity &	M.	4	-	-	-	-	-	-	-	3	1
oesophagus,	-										
Cancer of uterus	F.	6	-	-	-	-	-	1	4	1	-
4. Cancer of stomach and	M.	5	-	-	-	-	-	1	1	2	1
duodenum	F.	1	-	-	-	-	-	-	1	-	-
5. Cancer of breast	M. F.	-	-	-	-	-	-	-	1	-	-
6. Cancer of all other sites	M.	1 12	-	-	-	-	1	1	1 3	3	4
o, Cancer of all other sites	F.	15	_	2	-	-	1	2	3	8	1
7. Diabetes	M.	15	-	-	-	-	-	ĩ	4	0	-
7. Diabetes	F.	4	1.1	2			2	1	-	2	1
8. Intra-cranial vascular	M.	5	1	-	_	_	- 1	-	2	-	2
lesions	F.	4	-	2	_	_	2	2	2	1	ĩ
9. Heart disease	M.	42	_	_	_	_	1	1	12	16	12
, ricare disease	F.	37	_	_	_	1	_	4	13	8	11
0. Other diseases of circu-	M.	14	-	-	-	_	-	i	3	6	4
latory system	F.	23	1	-	-	-	-	2	8	9	5
I. Bronchitis	M.	11	î	-	-	-	-	-	3	4	3
	F.	10	-	_	-	-	-	-	3	5	2
2. Pneumonia	M.	12	4	-		-	-	2	2	4	-
	F.	2	1	-	-	-	-	-	-	1	-
3. Other respiratory	M.	-	-	-	-	-	-	-		-	-
diseases	F.	1	-	-	-	-	- 1	1	-	-	
4. Ulcer of stomach or	M.	6	-	-	-	-	-	1	5	-	-
duodenum	F.	_	-	-		-	2	_	_	-	-

(Continued over)

		(Ta	able c	ontinu	ied)						
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. Diarrhoea under 2 yrs	М.	1	1	-	-	-	-		-	-	-
	F.	-	-	-	-	-	-	-	-	-	-
26. Appendicitis	M.	1	-	-	-	-	1	-	-		-
	F.	1	1	-	-	-	-	-	-	-	
27. Other digestive diseases	M.	3	-	-	-	-	-	-	1	-	2
	F.	3	-	-	-	1	-	1	1	-	-
28. Nephritis	M.	5	-	-	-	-	-	1	1	1	2
	F.	3	-	-	-	-	-	-	2 .	1	-
29. Puerperal & post abortion	M.	-	-	-	-	-	-	-	-	-	_
sepsis	F.	-		-	-	-	-	-	-	-	-
30. Other maternal causes	M.	-	-	-	-	-	-	-	-	-	-
	F.	-	-	-	-	-	-	-	-	-	-
31. Premature birth	M.	2	2	-	-	-	-		-		-
	F.	2	2	-	-	-	-	-	-		
32. Cong. malformation, birth	M.	4	4	-	-	-	-		-	-	-
injuries & inf. diseases .	F.	4	4		-	-	-	-	-	-	-
33. Suicide	M.	2		-	-	-	-	1	1	-	-
	F.	1	-	-	-	-	-	-	1		-
34. Road traffic accidents	M.	3	-	-	-	-	1	1	-	1	_
	F.	1		-		1	-	-	-	-	-
35. Other violent causes .	M.	8	-	-	1	3	-	1	3	-	-
	F.	6	-	-		1	-	1	1	1	2
36. All other causes	M.	21	-	-	-	-	1	1	4	6	9
a construction of a second	F.	22	-	-	-	1	-	-	5	6	10

Infantile Mortality Rates.

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
1902	176.4	1912	106.8	1922	83.8	1932	74.9
1903	198.1	1913	152.9	1923	91.2	1933	78.2
1904	183.5	1914	149.4	1924	75.5	1934	55.1
1905	158.1	1915	142.5	1925	110.9	1935	62.8
1906	177.3	1916	102.2	1926	83.4	1936	50.9
1907	156.9	1917	129.6	1927	87.2	1937	66-3
1908	147.1	1918	94.6	1928	60.2	1938	34.06
1909	191.2	1919	129.9	1929	78.6	1939	48.38
1910	132.8	1920	99.0	1930	62.3		

Deaths from Violence.

Suicide. Two males took their own lives by inhaling coal gas and by self-inflicted throat wound repectively, and one female by drowning.

Other Deaths from Violence. There were 18 deaths, 11 males and 7 females. Of these, 4 were due to road traffic accidents, namely, 2 sustained pedal cycle accidents and 2 were run over by motor cars. One of the latter was a child aged 7 years, the remainder being over school age. The other 14 deaths were caused as follows:—Accidents due to falls, 4. Industrial accidents, 3. Manslaughter, 3. Accidental drowning, 3. Military exercises, 1.

SECTION II.

GENERAL PROVISION OF HEALTH SERVICES.

Hospital Provision.

There have been no changes.

Ambulance Facilities.

There were no changes.

Nursing in the Home.

This was provided by two Nursing Associations.

Laboratory Facilities exist in Nottingham and Derby.

Midwives.

These are under the supervision of the County Council.

SECTION III.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

There was no change in the usual source of supply from the. Meerbrook Sough and boreholes at Whatstandwell. The storage arrangements remained the same. The quantity of water was adequate and no restrictions were necessary. The water is chlorinated and the quality was satisfactory. Samples were analysed at regular intervals.

Sewage Disposal.

The Corporation Sewage Works functioned satisfactorily.

Refuse Disposal.

Refuse was collected by a contractor and disposed of by controlled tipping at the Corporation tips.

Sanitary Inspection of the Area.

The Tables at the end of this Report show the work that was done.

CLINICS AND TREATMENTS CENTRES.

	Situation.	Medical Officer in Attendance.	When held.	Accommodation.	n. Provided by.	
Maternity and Child	(1) Albert Street	Dr. Hughes	Tuesdays, 2-4 p.m.	3 rooms	Ilkeston Corporation.	
Wellare Centres	(2) Wesley Street	М.О.Н.	Thursdays, 2-4 p.m.	3 rooms	do.	
Ante-natal Clinic	Albert Street	Dr. Glen Bott	Mondays, 2-5 p.m.	3 rooms	do.	
School Clinic	Albert Street	М.О.Н.	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.	
Tuberculosis Dispensary	Albert Street	Dr. Kingston	Wednesdays, a.m. and p.m.	3 rooms	Derbyshire C.C.	
V.D. Treatment Centres	(1) Nottingham				Nottingham C.B.C.	
	(2) Derbyshire Royal Infirmary, Derby	-			Derby C.C. and C.B.C. jointly	

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SECTION IV.

HOUSING, 1939.

HOUSING STASTISTICS.

Number of New Houses erected during the year :---

(a)	Tot	al including nu	mbers g	iven se	paratel	y unde	r (b)	74
	(i)	By the Local	Author	ity				Nil
	(ii)	By other Loc	al Auth	orities				Nil
	(iii)	By other bodi	ies or pe	rsons				74
		of houses own	ed by th	ne Loca	l Auth	ority a	t the	
end	of th	e year 1939						900

HOUSE INSPECTION.

1.	Insp	ection of Dwelling-houses d	uring the year 19	39.	
	(a)	housing defects (ealth or	210
		(ii) Number of inspection	is made for the p	urpose	312
	(b)	 Number of dwelling- sub-head (a) abov and recorded under dated Regulations, 	e) which were in er the Housing (spected Consoli-	82
		(ii) Number of inspection			124
	(c)	Number of dwelling-house so dangerous or injurious habitation			2
	(d)	Number of dwelling-hou referred to under the pr not to be in all respects	eceding sub-head) found	80
2.	Rem	edy of defects during the formal Notices.	year without ser	vice of ·	
	Nun	ber of defective dwelling- consequence of informal Authority or their Officers	action by the	fit in Local	52
3.	Actio	n under Statutory Powers of	luring the year 1	939.	
	(a)	Proceedings under Section Housing Act, 1936	ns 9, 10 and 16		Nil
	(b)	Proceedings under Public	Health Acts		Nil

(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	
	(ii) Number of dwelling-houses demolished in pursuance of Demolition Orders	
(d)	Proceedings under Section 12 of the Housing Act, 1936	N

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il

SLUM CLEARANCE.

Number of dwelling-ho	uses	demoli	shed in	n accor	dance	with	
Clearance Orders				Purch	ase Or	ders	
confirmed in 1938							72
Number of persons displ	aced	from su	ich dwe	elling-h	ouses		280

DISINFESTATION.

The following are the particulars with regard to the

(eradica	tion of bed bugs :		
1.	(<i>a</i>)	The number of council houses found to	be	
		infested was		4
		The number of council houses fumigated was		6
	(b)	The number of other houses found to be infe	sted	
		was		11
		The number of other houses fumigated was		11

 The method employed for Council houses was by fumigating by Hydrocyanic Acid gas up to the time of the outbreak of war ; after that time Zaldecide was used.

The method employed for other houses was by fumigating with sulphur vapour and Zaldecide.

- 3. All belongings of new tenants going into council houses are removed by the local authority and fumigated with Hydrocyanic Acid gas before being delivered to the council houses. Mattresses, pillows and other bedding are, however, disinfested by means of the steam disinfestor.
- 4. The work of disinfestation of houses and furniture by means of Hydrocyanic Acid gas is performed by a contractor who gives the necessary certificates to the effect that the disinfestation has been carried out and that the house is safe for occupation and the furniture is safe to use.

The sulphur and Zaldecide disinfestation of houses and the steam disinfestation of bedding are carried out by the local Authority.

SECTION V.

INSPECTION AND SUPERVISION OF FOOD. Milk.

The number of cow keepers registered with this authority was thirteen and their cowsheds were inspected during the year. The number of retail purveyors of milk was fifty-six, of whom one was newly registered during the year. As regards milk of special designation four licences were granted during the year. One licence was for Tuberculin Tested Milk, one was for Accredited Milk, and two were on behalf of Pasteurized Milk. There are two licensed establishments for Pasteurized milk in the borough.

Meat and other Foods.

There is no public abattoir in this area, and all the slaughtering is performed in eighteen private slaughter houses. The amount of unsound meat surrendered during the year was nine and a quarter tons. The character of disease found is given in the table at the end of this report, and it will be seen that tuberculosis was the main disease and more than eight tons of tuberculous meat was surrendered. The following table shows the incidence in bovines and pigs.

Bovines.

P

Number of bovine animals slaughtered during the	
year	1,928
Number found to be affected with tuberculosis	335
Percentage of animals affected with Tuberculosis	17.89%
ligs.	
Number of pigs slaughtered during the year	1,899
Number found to be affected with Tuberculoric	122

Number found to be affected with Tuberculosis .. 132 Percentage of pigs affected with Tuberculosis .. 7.10%

Shops in which food is prepared and sold have been inspected during the year. A close watch is also kept on the food sold in the markets. The various bakehouses, of which there are twenty on the register, have been inspected from time to time.

Adulteration.

The various Acts in connection with Food and Drugs are administered by the County.

Chemical and Bacteriological Examination of Food.

Work in connection with this is carried out in the chemical and bacteriological laboratories belonging to the County. No prosecutions were undertaken by this Authority.

Nutrition.

Knowledge with regard to nutrition is disseminated at the various clinics and also through the health visitors. Instruction with regard to nutrition is given in the schools, particularly in special subjects classrooms which exist in every senior school.

SECTION VI.

INFECTIOUS AND OTHER DISEASES.

On the 23rd October, 1939, Measles and Whooping Cough were made notifiable throughout the country. The total number of infectious diseases notified during the year was 217.

Prevalence of and control over Notifiable Diseases.

A table is given to show the prevalence and control over notifiable diseases.

Disease	No. Notified	No. Removed to Hospital	Total Deaths
Tuberculosis, Pulmonary	21	13	17
Tuberculosis, other forms	7	. 3	6
Pneumonia (all forms)	39	4	14
Scarlet Fever	40	24	
Diphtheria	10	7	
Erysipelas	14	_	
Chicken-Pox	80		-
Puerperal Pyrexia	2	2	-
Ophthalmia Neonatorum	1		
Whooping Cough	1	-	1
Measles	2	-	_

Ophthalmia Neonatorum.

Only one case occurred.

Influenza.

Five deaths were attributed to this disease.

Cancer.

There were forty-four deaths from malignant disease. A classification showing the site affected according to the sex and age is given in the general table of deaths.

Cerebro-Spinal Fever.

No case occurred.

Isolation Hospital.

During the year, forty-nine cases of infectious disease were treated, namely, Scarlet Fever forty, Diphtheria nine.

There was no special incidence of disease attributable to war conditions.

SEX AND AGE DISTRIBUTION OF CASES OF NOTIFIABLE DISEASES DURING 1939.

Age Group.	Sex.	Pneumonia all forms.	Chicken Pox.	Scarlet Fever.	Diphtheria.	Erysipelas.	Whooping Cough.	Measles.	Puerperal Pyrexia.	Ophthalmia Neonatorum.
0— 1	М. F.	-1	2	1 1			- 1	1.1	-	1
1- 2	M. F.		1 -	1	1	-1			-	-
2— 3	М. F.	-1	2 3	1 1		-	-	1		-
3— 4	M. F.	1 1	1 1	2	-1	1 -1			-	-
4— 5	М. F.	3	5 7	4 1			-		-	-
5—10	М. F.	1 1	24 24	7 8	1 2			1	-	-
10—15	М. F.	-1	5 3	$\frac{1}{8}$	-2	-	-		-	-
15—20	M. F.	1 1	1 _	2 2	1 2			-	-	=
20—35	М. F.	3 2	$\overline{1}$	-2	-	- 4	-		-2	-
35—45	M. F.	6				$1\\1$	-		-	=
45—65	М. F.	6 3		-		2 4			-	-
65 up- wards	М. F.	5 2		-		1			-	
Total all ages	M. F.	26 13	41 39	18 22	3 7	4 10	-1	2	-2	1
Grand T	otal	39	80	40	10	14	1	2	2	1

SECTION VII.

TUBERCULOSIS.

Notification.

The number of new cases of respiratory tuberculosis was in the case of males six, and in the case of females fifteen, showing a decrease of six on the previous year. As regards the nonrespiratory form, five males and two females were notified, showing a decrease of four on the previous year.

Deaths.

There was a total of twenty-three deaths, which is an increase of three on the previous year. Seventeen were due to the respiratory form, and six to non-respiratory forms. All the deaths except three had been notified previously as being cases of tuberculosis.

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

				New	Cases.		1	Dea	ths.	
Pe	Age riods.		Respir	atory.	No respire	on- atory.	Respir	ratory.	No	on- atory
			М.	F.	М.	F.	М.	F.	М.	F.
0				_	1		_		1	
1				-	-		-		1	1000
5			-	-	1	1	-			1
10					1	-	-			
15				4	1	-		1	1	
20			1	2	-	-		3		1
25			1	8	1	-	1	7		
35			3	1	-	-	1	1		1
45		24	1	-	-	-	-	1		
55			-	-	-	-	2	-		
65 an	d upwar	ds		—	1	-	-	-	-	-
	Total		6	15	6	1	4	13	3	3

Arrangements for treatment were as in former years. There were 21 fresh cases of respiratory tuberculosis added to the Register during the year. Of these, thirteen patients were treated in the sanatoria. There were seven fresh cases of non-respiratory tuberculosis added to the Register and of these two cases were treated at Bretby and one at a general hospital. Out of the total of twenty-eight fresh cases, ten died within six months. At the end of 1939 there was a total of 145 persons on the Register, of which 109 were pulmonary cases and thirty-six were non-pulmonary cases.

SECTION VIII.

MATERNITY AND CHILD WELFARE.

Ante-Natal Care.

One ante-natal session was held every week under the supervision of Dr. Margaret Glen Bott. The total attendances at the 49 sessions were 1,165 and the average number of patients at each session was 24. The number of individual patients who attended during the year was 349 of which 306 were new cases. The number of expectant mothers who attended the antenatal clinic represented seventy-four per cent. of the total 471 live and still births notified in the Borough during the year. The number of cases who were sent to hospital on account of expected difficulty was thirty-eight and three Caesarean operations were performed. X-ray examinations were made as regards eight patients.

Municipal Maternity Home. During the year 141 cases were admitted. No maternal death occurred. The number of bookings refused was 58, which shows the urgent need for increased accommodation. The statistics for 1939 are given below.

1.—Name of Institution : The Maternity Home, Ilkeston, Derbyshire

2.—Number of maternity beds in the Institution (exclusive of isolation and labour beds)	9
3.—Number of maternity cases admitted during the year	141
4.—Average duration of stay	14 days
5.—Number of cases delivered by—	
(a) Midwives	110
(b) Doctors	30
6 Number of cases in which medical assistance was sought by midwife in emergency	49
7.—Number of cases notified as :—	
(a) Puerperal Fever	Nil
(b) Puerperal Pyrexia	1
8.—Number of cases of pemphigus neonatorum	Nil

9.—Nu	mber of infants not entirely breas in the Institution		vhile 	4
10.—(<i>a</i>)	Number of cases notified as C Neonatorum	phtha 	lmia 	Nil
(b)	Result of treatment in each case			Nil
	Number of maternal deaths Cause of death in each case		 	Nil Nil
12.—(<i>a</i>)	Number of infant deaths— (i) Stillborn (ii) Within 10 days of birth			3 2
(b)	Cause of death in each case and post-mortem examination (if obt			
	 (1) (a) Hydrocephalus. (b) Diseased Placenta. (c) Malpresentation. 			

(2) (a) Spina-bifida and Malformation.(b) Prematurity.

Home Visiting. There are four health visitors who are also part-time school nurses. The accompanying table gives a summary of their work during the year.

Summary of Health Visitors' Reports for 1939.

Birth's Notified (twins 3)					471	
Males					247	
Females					224	
Still Births					10	
Died within Three Days					8	
Attended by Medical Practitioner					43	
					288	
					140	
Number of first visits	• •		• •		467	
Number of re-visits under 1 year					2,698	
Number of re-visits over 1 year					3,620	
Total number of visits paid					6,785	
Children weighed					456	
Average weight				lbs	s. 7·29	
Breast fed at birth					439	
No					7	
Breast and Bottle					4	
Spoon fed					4	
Pre-natal Cases, first visits					44	
Outside the Borough					29	
Number of individual infants und						
Number of individual children 1	to 5	yea	ars		3,229	

Maternity Outfits. Complete maternity outfits are kept in the Health Department and can be loaned to necessitous cases.

Infant Welfare Centres. A Child Welfare Clinic is held every Tuesday afternoon at the Albert Street Clinic and every Thursday afternoon at the Cotmanhay Clinic.

The attendances at the clinics are shown in the following table.

ATTENDANCES AT INFANT WELFARE CENTRES.

Individual Cases.	Total Attendances.	Examinations by Doctor.	Infants under One Year.	Toddlers
520	2,175	309	1,458	717
		COTMANHAY	r.	
206	989	208	622	367

ALBERT STREET.

Still Births.

All notified still-births are made the subject of enquiries. During the year eleven still-births were investigated with the results given below. In no case was the cause associated with antepartum haemorrhage or albuminuria.

Death in utero previous to labour		 5
Malpresentation or obstructed labour		 2
Congenital deformity of foetus	• •	 4
. Total		 11

Puerperal Pyrexia and Puerperal Fever.

Arrangements exist for the treatment of these cases in the Derbyshire Hospital for Women at Derby. There is also a consulting obstetrician whose opinion and assistance can be obtained in complicated cases. Two cases of puerperal pyrexia were notified and treated in hospital.

Maternal Deaths.

Enquiries are made into all maternal deaths. Arrangements exist by which difficult obstetric cases can be taken without delay into either the Derbyshire Hospital for Women or the Nottingham Hospital for Women. There were no maternal deaths during 1939.

Infantile Deaths.

The deaths of infants under one year of age are enquired into by the health visitors, and their reports are examined by the medical officer in conjunction with the child welfare record card of the infant. The number of infantile deaths during the year was twentyfour. The infantile mortality rate per 1,000 live births was 48.38. The following table classifies the causes of infant deaths :---

Prematurity				 	4
Congenital Def	ects			 	8
Pneumonia				 	5
Diarrhoea				 	1
Bronchitis				 	1
Whooping Cou	ıgh			 	1
Tuberculous M	eningit	is		 	1
Other Diseases				 	3
			Total	 	24

Free Supply of Milk.

Under the provisions of the Public Health Act, 1936, free milk was issued in necessitous cases to expectant and nursing mothers and to children under five years of age recommended by medical officers. In all cases enquiries are made into the means of the family and issues are made in accordance with an approved scale. The number of applications in respect of which milk was issued was 908.

Child Life Protection; Adopted Children, Illegitimate Children.

The Health Visitors carry out duties in connection with the above.

Orthopaedic Clinic.

During the year thirty-one individual children under school age attended for treatment. The total attendance of these children at the nurse's clinics was 164 and at the surgeon's clinic, eightyfive. The defects treated were as follows :—

Rickets .		 	11	Spastic Paralysis		 2
Congenital D	eformity		7	Torticollis		 1
Flat Feet		 	6	Tuberculosis of Fin	nger	 1
Talipes		 	2	Others		 1
					Total	21

19

Total .. 31

SANITARY INSPECTION OF THE DISTRICT.

Details of Visits and Inspections made by the Sanitary Inspectors during the year.

Re-visits188Canal Boats Inspected2Caravans, Tents and similar structures2Caravans, Tents and similar structures29Cowsheds29Cowsheds4Drainage inspections57Water, Smoke and Colour Tests to drains17Factories, Workshops and Workplaces14Outworkers' premises14Outworkers' premises1Petrol Storage premises24Ashpit inspections216Pail Closet inspections200Water Closet inspections216Pail Closet inspections200Water Closet inspections47Cases removed to Hospital36Bedding disinfected (Infectious Disease)419Rooms disinfected (Infectious Disease)419Rooms disinfested262Removal visits142Shops Acts visits107Refues tips244Houses measured107Refues tips245Miscellaneous visits32Miscellaneous visits32Mi	Inspection of Premises								124
Caravans, Tents and similar structures—Cinemas and Theatres29Cowsheds	Re-visits								188
Caravans, Tents and similar structures—Cinemas and Theatres29Cowsheds	Canal Boats Inspected								2
Cinemas and Theatres29Cowsheds4Drainage inspections57Water, Smoke and Colour Tests to drains17Factories, Workshops and Workplaces14Outworkers' premises14Outworkers' premises1Petrol Storage premises24Ashpit inspections216Pail Closet inspections200Water Closet inspections200Water Closet inspections177Smoke observations47Cases removed to Hospital36Bedding disinfected (Infectious Disease)419Rooms disinfested429Rooms disinfested262Removal visits142Shops Acts visits107Refuse tips262Miscellaneous visits32Miscellaneous visits32Miscellaneous visits32Miscellaneous visits32Miscellaneous visits32Miscellaneous visits32Miscellaneous visits32			structu	res					
Cowsheds4Drainage inspections<									29
Drainage inspections57Water, Smoke and Colour Tests to drains17Factories, Workshops and Workplaces14Outworkers' premises14Outworkers' premises1Petrol Storage premises24Ashpit inspections11Privy inspections216Pail Closet inspections200Water Closet inspected (Infectious Disease)200Rooms disinfected (Infectious Disease)200Rooms disinfested200Removal visits200Refuse tips200Refuse tips200Refuse tips200Refuse tips200Rooms disinfested200Refuse tips200 </td <td>Complexeda</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td>	Complexeda								4
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Factories, Workshops and Workplaces1Outworkers' premises-Offensive trades1Petrol Storage premises24Ashpit inspections24Ashpit inspections-Dustbin inspections-Dustbin inspections216Pail Closet inspections20Water Closet inspections177Smoke observations-Infectious Disease investigations47Cases removed to Hospital36Bedding disinfected (Infectious Disease)419Rooms disinfested-Visits re disinfested-20262Removal visits-2020Refuse tips-216-217-218-209-200-219-210-210-211-212-213-214-215-216-217-218-219-210-211-212-213-214-215-216-217-218-219-210-211-212-213-214-215-216-217<				lrains					17
Outworkers' premises—Offensive trades…Petrol Storage premises…Ashpit inspections…Privy inspections…Dustbin inspections…Pail Closet inspections…Mater Closet inspections…1Privy inspections…1Pail Closet inspections…1Pail Closet inspections…1Mater Closet inspections…1Infectious Disease investigations…1Redding disinfected (Infectious Disease)…146Visits re disinfested…142Shops Acts visits…142Shops Acts visits…144Houses measured…145Houses inspected for Housing defects (P.H. Acts.)128									14
Offensive trades1Petrol Storage premises24Ashpit inspections11Privy inspections11Privy inspections216Pail Closet inspections20Water Closet inspections177Smoke observations177Smoke observations47Cases removed to Hospital36Bedding disinfected (Infectious Disease)419Rooms disinfected (Infectious Disease)446Visits re disinfested262Removal visits262Removal visits142Shops Acts visits107Refuse tips24Houses measured32Miscellaneous visits32Miscellaneous visits32Miscellaneous visits32Miscellaneous visits32Miscellaneous visits31Houses inspected for Housing defects (P.H. Acts.)128			-						_
Petrol Storage premises	011 1 1 3			33					1
Ashpit inspections11Privy inspections11Privy inspections11Dustbin inspections1216Pail Closet inspections1216Pail Closet inspections177Smoke observations177Smoke observations147Cases removed to Hospital36Bedding disinfected (Infectious Disease)146Visits re disinfested142Nooms disinfested262Removal visits128Nops Acts visits107Refuse tips1034Houses measured32Miscellaneous visits32Miscellaneous visits818Houses inspected for Housing defects (P.H. Acts.)128									
Privy inspections									
Dustbin inspections									
Pail Closet inspections20Water Closet inspections177Smoke observations77Infectious Disease investigations77Cases removed to Hospital76Bedding disinfected (Infectious Disease)747Rooms disinfected (Infectious Disease)749Nooms disinfested75Beds disinfested75Beds disinfested75Beds disinfested75Beds disinfested75Beds disinfested75Removal visits76Removal visits76Refuse tips76Miscellaneous visits72Miscellaneous visits72Houses inspected for Housing defects (P.H. Acts.)728	· ·						•••		
Water Closet inspections177Smoke observationsInfectious Disease investigationsCases removed to HospitalBedding disinfected (Infectious Disease)Rooms disinfected (Infectious Disease)Visits re disinfestationBeds disinfestedRooms disinfestedRemoval visitsShops Acts visitsHouses measuredMiscellaneous visitsHouses inspected for Housing defects (P.H. Acts.)							••		
Smoke observations	Water Closet inspections					••			
Infectious Disease investigations47Cases removed to HospitalBedding disinfected (Infectious Disease)419Rooms disinfected (Infectious Disease)146Visits re disinfestationBeds disinfestedRooms disinfestedRooms disinfestedRemoval visitsShops Acts visitsRefuse tipsHouses measuredMiscellaneous visitsHouses inspected for Housing defects (P.H. Acts.)128							••	• •	
Cases removed to Hospital					* *		• •		
Bedding disinfected (Infectious Disease)				1.1			• •	* *	
Rooms disinfected (Infectious Disease)146Visits re disinfestation5Beds disinfested429Rooms disinfested262Removal visits142Shops Acts visits107Refuse tips107Refuse tipsHouses measured32Miscellaneous visits818Houses inspected for Housing defects (P.H. Acts.)128								1.1	
Visits re disinfestation									
Beds disinfested			s Disea	se)					
Rooms disinfested				1.1					
Removal visits				1.1				1.5	
Shops Acts visits 107 Refuse tips 24 Houses measured 24 Housing visits									
Refuse tips	a second case case of the								
Houses measured1,034Housing visits32Miscellaneous visits818Houses inspected for Housing defects (P.H. Acts.)128	Shops Acts visits								107
Housing visits	Refuse tips								24
Miscellaneous visits	Houses measured								1,034
Houses inspected for Housing defects (P.H. Acts.) 128	Housing visits								32
	Miscellaneous visits								818
	Houses inspected for H	Iousing	g defect	s (P.F	I. Acts.				128
									80

Meat and other Food inspections.

 	 	2,331
 	 	435
 	 	8
 	 	233
 	 	56
 	 	19
 	 	—
::	··· ·· ·· ·· ·· ··	

Notices Served.

Number of Informal Notices served (Public Health Acts)	100
Number of Informal Notices served (Shops Acts)	Nil
Number of Informal Notices served (Housing Acts)	80
Number of Statutory Notices served (Public Health Acts)	Nil
Number of Statutory Notices served (Shops Acts)	1
Number of Statutory Notices served (Sec. 9 Housing Act, 1936)	Nil
Number of Statutory Notices served (Sec. 157, Housing Act, 1936)	1,062
Number of Statutory Notices served (Sec. 168, Housing Act, 1936)	10

Details of Improvements made and Defects remedied during the year under the Public Health Acts and Housing Acts.

Exterior of Houses.						
Roofs Repairs						62
Walls pointed or repaired						60
Chimney Stacks repaired						12
Eavesgutters and downspouts re						80
Dampness remedied (including						
courses)	-					63
Sub-floor Vents provided						
Door Steps renewed						11
Yard Division Walls repaired						2
Outbuildings repaired						12
enteringe tipante to the						
Drainage.						
Yard Gullies provided			3.4			29
Gulley Grids provided		-				1
Drains opened and cleansed						6
						5
New drains and inspection cham						2
Drains tested by water, smoke o						17
						2
Underground rainwater cisterns	abolished					ĩ
Broken Inspection Chambers Co	vers rene	how				î
						55
Pavement Cross Channels provid		• •	•••			1
Favement Cross Channels provid	ieu	•••	•••	• •	• •	1
Interior of Houses.						
II						
Houses cleansed		•••				73
Floors relaid or repaired	ith fasts		anaha	anda	• •	
Windows repaired or provided w	ith faste		sasno	ords		164
Walls repaired			• •			55
Ceilings repaired		• •				13
Doors or frames repaired		• •			• •	71
Fireplaces, ovens or sideboilers r		• •			• •	42
Stairs repaired		••				8
Balusters repaired		• •	• •		• •	2
Handrails provided		• •	••			44
Water in cellars remedied		• •	••		• •	1
Pantry vents and lighting impro	ved	• •				10
Washing Coppers provided or re	-					19
Small defects remedied		• •				36
Secondary Ventilation provided						13
Hot Water Systems repaired						1
AL						
Sinks, Baths, etc.						
New sinks provided						37
Sink waste pipes trapped or repa	aired		• •		• •	29
Water Supply.						
Internal supply of water provide	ed					16
Water service pipes repaired						1
and and an						
W.C's, Urinals, etc.						
Waterclosets, new basins or seat	s fixed					14
W.C. Door or Frames repaired						21
Defective fitting repaired						35
Choked W.C's remedied						. 5
Additional W.C.'s provided						
New floors to W.C.'s						2
Water Closet walls repaired						4
W.C. roofs repaired						9

Ashpits and Dustbins.

Number of Ashpits abolished			 	 	3
Number of defective Ashpits	repaire	d	 	 	Nil
New Dustbins provided			 	 	30

INSPECTION AND SUPERVISION OF FOOD.

Cowsheds.

Cowkeepers re Cowsheds			 	 	 	25
Inspections			 	 	 	4
Informal Not	ices iss	ued	 	 	 	_

Dairies and Purveyors of Milk.

Number of producers of mil	lk		 	 	13
Number of retail purveyors			 	 	56
Number of inspections			 	 	56
Registered during the year	(Retai	lers)	 	 	1
Registered during the year	(Whol	esalers)	 	 	
Informal Notices served			 	 	

Milk Special Designations Order.

Licences granted during the year		 	 4
Dealers licensed to sell Tuberculin Tested 1	Milk	 	 1
Dealers licensed to sell Accredited Milk		 	 1
Dealers licensed to sell Pasteurised Milk		 	 2
Pasteurising establishments		 	 2

Milk Samples.

Number	of	samples	taken	for	Bacteriologic	al	examination	on	 19
Number	of	sediment	t tests	ma	de				

Prosecutions.

There were no prosecutions during the year.

Slaughterhouses.

Number of Slaughterhouses	on Re	gister	(Registere	d 5, 1	License	d 13)	18
Number of visits made, incl	uding	night	and Sunda	y vis	its .	·	2,331
Number of Notices issued							Nil

Food and Drugs Act, 1938 (Sec. 14).

Number of Premises registered for the Manufacture or Sale of Preserved Food, etc.	35
Number of Premises registered for the manufacture and Sale of Ice Cream	16
Number of Premises registered for the storage of Ice Cream (Wholesale)	1
Number of Premises registered for the sale of Ice Cream	16

Unsound Food Surrendered during the Year.

Tuberculosis.

- 483 lbs. Beef
- 248 Bovine Lungs (sets)
- 66 Bovine Livers
- 151 Bovine Heads (with tongues)
 - 1 Bovine Tongue
 - 8 Bovine Hearts
- 55 Bovine Kidneys 12 Bovine Omentums
- 25 Bovine Stomachs
- 12 Bovine Intestines
- 29 Bovine Spleens 54 Bovine Mesenterys
- 33 Bovine Udders
- 10 Bovine Carcases (weight 7,450 lbs.) 3 Pigs' Carcases (weight 628 lbs.) 483 lbs. Beef 18 lbs. Pork 96 Pigs' Heads 36 Pigs' Plucks 4 Pigs' Lungs (sets) 7 Pigs Livers
 - 30 Pigs' Mesenterys 6 Pigs' Spleens

Total weight, 18,400 lbs.

Other diseases and Injuries.

1	Bovine Head				Actinomycosis
1	Bovine Lungs				Pleurisy
	Bovine Lungs				Oedema
	Bovine Lungs				Hydatid Cysts
-	Bovine Lungs				Strongylosis
	Bovine Livers				Multiple Abscesses
	Bovine Livers				Cirrhosis
	Bovine Liver				Congestion
	Bovine Livers				Angiomatosis
	Bovine Livers				Fatty Infiltration
	Bovine Livers				Distomatosis and Cirrhosis
	Bovine Livers				Hydatid Cysts
	Bovine Heart				Myocarditis
	Bovine Udders				Mastitis
	Bovine Udders				Decomposition
	Bovine Kidneys				Retention Cysts
	Bovine Kidneys				Infarction
5	Bovine Kidneys				Hydro-Nephritis
	Bovine Kidneys				Oedema
	lbs. Beef				Bruising and Oedema
	lbs. Beef				Bruising and Congestion
	Bovine Carcase ((20 lbs.)		Generalised Septicaemia
	Pigs' Lungs		20 103.1		Pneumonia
	Pigs' Lungs				Pleurisy and Adhesions
	Pig's Liver				Cirrhosis
	Pig's liver				Hydatid Cysts
	Pig's liver				Milk Spots
	Pigs' Hearts				Pericarditis
	Pig's Pluck		11		Hydatid Cysts
	Sheeps' Lungs				Strongylosis
	Sheep's Lungs				Hydatid Cysts
	Sheeps' Livers				Hydatid Cysts
	Sheep's Liver				Strongylosis
	Sheeps' Livers				Distomatosis
	Sheeps' Plucks	• •		••	Strongylosis
2	Sheeps' Plucks			• •	Hydatid Cysts
	Sheeps' Kidneys			••	Nephritis
ĩ	Sheep's Spleen			• •	Hydraemia
	Sheep's Carcase	(weight	80 lbe)	•••	Moribund
	oncep's carcase	(weight	00 IUS.)		Monound

Total weight, 2,362 lbs.

Other Unsound Food Surrendered.

91 Pork Pies—Unsound weight 8 lbs. 1 Tin of Ox Tongue—Unsound .. weight 6 lbs. Total weight, 14 lbs.

Total weight of Unsound Food Surrendered during the Year, 20,776 lbs.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	1928		104	4975	1899
Number inspected	1928	_	104	4478	1899
All Diseases (except T.B.) :— Whole Carcases condemned	1	_	-	1	_
Carcases of which some part or organ was condemned	107	_	-	18	20
Percentage of the number inspected, affected with disease (other than T.B.)	5.60%	_	-	0.42 %	1.05 %
T.B. only :— Whole carcases condemned	10	-	_	-	3
Carcases of which some part or organ was condemned $_{\rm co}$	335	_	_	_	132
Percentage of the number inspected, affected with T.B	17.89%	-		_	7·10 [%]

CARCASES INSPECTED AND CONDEMNED.

Public Health (Meat) Regulations, 1924.

Number of	Notices to	Slaug	hter re	ceived				 686
Number of .	Animals sl	aughte	ered du	uring t	he year			
	Bovines						gs	
	1928	10		49			99	
Average nu	mber of an	imals	slaugh	tered	per mo	nth :		
	Bovines	Cal	ves S	heep as	nd Lam	bs Pi	igs	
	160.7	8.7		41	4.6	158	·25	
Offensive Trad	es.							
Number on	Register (Tripe	Boiler)					 1
Number of .	Notices ser	ved						 Nil
Bakehouses.								
Number on	Register							 20
Number of								Nil

Sanitary Supervision of Music Halls, Theatres, etc.

The following is a copy of the Annual Report for the year 1939, submitted to the Health Committee and the Local Licensing Bench in accordance with Circular 120 of the Ministry of Health, dated 25th August, 1920:—

Ladies and Gentlemen,

Annual Report on Places of Amusement, 1939.

I have the honour to submit the Report upon Places of Amusement in the Borough of Ilkeston for the year 1939.

Cinemas. The Scala, Kings Picture House, New Theatre and Ritz Cinema have been inspected from time to time during the year, both during performances and at times when the premises were not open to the public. No cause for complaint was found.

Premises with Music and Dancing Licences. There has been one addition to these premises during the year, viz.:—Canteen at Messrs. Booth & Sons, Factory, Awsworth Road. This was inspected and found to be satisfactory. The Licence was granted at the end of November. The other Licensed premises have given no cause for complaint during the year.

> I have the honour to be, Ladies and Gentlemen, Your obedient Servant,

> > C. E. ADCOCK, Senior Sanitary Inspector.

Canal Boats.

The following is a copy of the Annual Report for the year 1939 :---

Ladies and Gentlemen,

Annual Report on Canal Boats, 1939.

I have the honour to submit the Annual Report of work done during 1939 under Part 10 (Sections 249 to 258) of the Public Health Act, 1936.

The number of Canal Boats inspected during the year was two, both boats being registered as dwellings.

The two boats were registered to carry six adults and the number of occupants at the time of visiting was two men.

The certificate of registration for each boat was produced at the time of inspection, identifying the owner and the boat; the boats were properly marked, clean and in good repair. No persons appeared to be suffering from any infectious diseases.

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

There appears to be a fair amount of traffic but owing to my not being able to spare the time waiting at the Canal locks I have only been able to inspect two boats.

On several occasions I have seen boats which have just passed beyond the Borough boundary.

I have the honour to be, Ladies and Gentlemen,

Your obedient Servant,

C. E. ADCOCK,

Senior Sanitary Inspector and Canal Boats Inspector.

Common Lodging Houses.

There are no common lodging houses in the Borough.

Factories Act, 1937.

Number of Inspections made			14
Number of Notices served			2
(Insufficient provision for lighting of Sanitary Conver	nience	s)	
Petroleum Acts.			
Number of Petroleum Spirit Storage Licences issued			50
Number of Carbide of Calcium Storage Licences issued			2
Number of inspections made	••		24
Rag Flock Acts.			
Rag Flock Acts.			

No samples taken during the year.

Rats and Mice Destruction Act.

This Act is administered by the County Council.

Rent and Mortgage Interest (Restrictions) Acts.

No Certificates were issued during the year.

Shops Acts, 1912 to 1934.

Number of Inspections made during the y	ear.				107
Number of Preliminary Notices served					Nil
Number of Statutory Notices served					Nil
Certificate of exemption from the provision	of Sar	nitary C	onveni	ences	1
Prosecutions					Nil

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

Senior Sanitary Inspector.

Borough of Ilkeston Education Committee

ANNUAL REPORT

OF THE

School Medical Officer

for 1939

H. L. BARKER,

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

EDUCATION COMMITTEE.

THE MAY	OR (Coun. H. Trueman, J.P.)	Councillor E. BOSTOCK.
Coun. G. W	V. WOOLLISCROFT, O.B.E., J.P. (Chairman),	,, J. OFIELD. ,, J. E. KIRK.
,, Councillor	AMOS HENSHAW, J.P.J. WOOLLEY, J.P.D. BARTON.E. ADAMS, J.P.Mrs. J. B. D. McINTYRE, J.P.	Professor R. PEERS, M.C., M.A. F. P. SUDBURY, Esq., J.P., C.C. S. R. WOOD, Esq., M.A. Mrs. BALL, C.C.

Director of Education.

W. A. SCARR, Esq. M.A., Resigned 30th April, 1939.J. TILLETT, Esq., B.A., appointed 1st June, 1939.

STAFF (1939).

School Medical Officer (also Medical Officer of Health).

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

School Dental Surgeon.

A. L. HODGKINSON, L.D.S.

Part Time Medical Officers.

Assistant School Medical	Officer			S. W. LUND, M.B., Ch.B., D.P.H.
Ophthalmic Surgeon			•••	C. H. BAMFORD, Ch.B., D.O.M.S. (County Ophthalmic Surgeon).
Orthopaedic Surgeon		••		G. A. Q. LENNANE, M.A., M.B., B.Ch. (County Orthopaedic Surgeon).
Nose and Thi				ne Nottingham Throat, Ear ospital.

School Nurses (also Health Visitors).

			Appointed
Miss M. E. SHERLOCK, S.R.N., C.M.	B	 	 21st June, 1914
Miss H. BLAIR, S.R.N., C.M.B		 	 1st June, 1922
Miss L. OTTEWELL, S.R.N., C.M.B.		 	 1st March, 1929
Miss M. HILL, S.R.N., C.M.B.		 	 16th March, 1939

Clerks.

Miss L. TRUEMAN	 	 	 	15th May, 1923
Miss H. CLARKE	 	 	 	13th October, 1924

Dental Attendant.

Miss S. M. CAMM								11th May, 1936
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BOROUGH OF ILKESTON.

Area of Borough (in acres)	 	 	2,861
Number of Schools		 	 	12
Number of Departments		 	 	26
Average number on School	l Register	 	 	4,387
Average Attendance		 	 	3,870

I. STAFF.

A list of the staff is given on the previous page. In March, Miss M. Hill was appointed to fill a vacancy so that for the greater part of the year there were four school nurses. No addition was made to the school medical staff.

II. CO-ORDINATION.

Co-ordination with the administrative and teaching staff and with the various other medical services was maintained satisfactorily.

III. SCHOOL HYGIENE.

Normal conditions prevailed until the outbreak of war in September when the Bennerley Senior, Chaucer Junior and Infants and Cavendish Senior Schools were closed owing to the use of these schools for the purpose of first aid posts. The displaced scholars were accommodated in other schools and buildings in the town. This caused some degree of overcrowding.

IV. MEDICAL INSPECTION.

Routine medical inspections of the usual age groups, re-inspections and special inspections were made according to the established plan.

V. FINDINGS OF MEDICAL INSPECTIONS.

(a) Nutrition. The results are shown in Table II B. On the whole the children were well nourished.

(b) Uncleanliness. The following table shows the results of inspection during the past five years :—

Year	Average Number of Children on School Registers	Number of Individual Children Found Unclean	Percentage
1935	5,121	870	16.9
1936	4,927	824	16.7
1937	4,826	732	15.1
1938	4,640	791	17.0
1939	4,462	776	17.3

UNCLEANLINESS.

(c) Minor Ailments and Skin Diseases. A comparative table follows giving the results for the last nine years.

Year	Impetigo	Ringworm of Scalp	Scabies
1931	32	2	3
1932	44	1	9
1933	27	1	15
1934	28	9	6
1935	33	13	3
1936	44	1	21
1937	44		14
1938	40	1	24
1939	35	_	29

(d) **Tuberculosis.** There were no new respiratory cases among school-children. There were three new non-respiratory cases and the sites affected were respectively the glands of the neck, the hip joint and the meninges.

(e) Other Defects. At routine inspections the incidence of defective vision (excluding squint) was 8 per cent.

At the 3,397 dental inspections, 2,724 children were found to require treatment, *i.e.*, eighty per cent.

Statistics regarding defects are given in Table II.

VI. FOLLOWING UP.

The usual system of following up has been adhered to. The following table gives a summary of the work of the school nurses during 1939.

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			Nurse Sherlock	Nurse Blair	Nurse Ottewell	Nurse Hill	Total
Visits re Infectious Diseases	•		11	20	57	26	114
Visits re other Diseases	:		122	148	125	16	492
Visits re Inspection for Cleanliness	:		I	17	8	22	47
Visits to Schools for Medical Inspections	:	:	1	39	44	24	107
Special Visits to Schools	:	:	I	20	28	11	59
Visits to Schools for Cleanliness	:	:	I	40	47	22	109
Number of Children Examined for Cleanliness			1	4,106	3,799	2,621	10,526
Number of Notices issued re Verminous Conditi	ion .		I	93	177	157	427
Number of Notices issued re other Defects		:		33	32	2	67
Visits re Medical Inspection Defects	:	:	1	27	21	3	51
Attendances at Refraction Clinic	:	:	10	1	l	1	11
Visits re Refraction Cases	:	:	15	13	19	4	51
Attendances at Dental Clinic	:		I	98	1	1	66
Visits re Dental Defects	:		1	17	1	18	37
Attendances at School Clinic		-	213	5	I	I	218
Attendances of Children at Minor Ailments Clir	nic .		1,812	58	1	1	1,870
Attendances at Orthopaedic Clinic	:	:	10	1	I	1	10
Visits re Orthopaedic Defects		:	4	14	12	7	37
Visits re Boarded out children	•		1	1	I	1	1

VII. ARRANGEMENTS FOR TREATMENT.

(a) Malnutrition. Children showing signs of malnutrition were examined in detail with a view to discovering the cause and appropriate advice was given. Free milk at school and free meals in the school canteen could be ordered in cases of poverty.

(b) & (c) Uncleanliness, Minor Ailments and Diseases of the Skin.

The majority of these conditions were treated at the clinic. Serious skin diseases were referred to hospital.

(d) Visual Defects and External Eye Diseases. These cases were examined and treated at the regular eye clinics. After the departure of Mr. Carr on active service we were fortunate in securing the services of Mr. Bamford in October as ophthalmic surgeon during the absence of the former. During the year, seventy-nine spectacles were prescribed and at the end of the year, sixty-five had been obtained. There are arrangements for the supply of spectacles free in cases of need.

(e) Nose and Throat Defects. Children with these defects requiring special treatment were referred to the Nose, Throat and Ear Hospital in Nottingham. During the year, fiftynine cases of diseased tonsils and adenoids were operated on through the existing scheme.

(f) Ear Disease and Defective Hearing. Many of these cases were treated at the clinic while those requiring operation were referred to hospital.

(g) Dental Defects. These defects were treated at the dental clinic and a very satisfactory amount of work was done by the school dentist. Children are taken into the scheme at the earliest possible age and the large number of extractions under gas has greatly improved the dental condition of the children. Out of the 2,276 children who were found to require treatment, 2,158 or 94.8% accepted treatment.

(h) Orthopaedic and Postural Defects. These cases have been treated at the two orthopaedic sessions which are held by Miss Garratt who supervises the remedial exercises. The orthopaedic surgeon has also held clinics once a month. During the year, sixty-five individual children have been treated for the following conditions :—Poliomyelitis 16, Kypho-scoliosis 11, Congenital Deformity 8, Rickets 6, Spastic Paralysis 5, Tuberculosis 3, other conditions 16. The number of attendances at the nurse's sessions was 605 and at the surgeon's sessions 167.

At Bretby Hall Orthopaedic Hospital, ten in-patients have been treated for the following :—Poliomyelitis 5, Kypho-scoliosis, 2, Congenital Deformity 2, Osteomyelitis 1.

(i) Heart Disease and Rheumatism. During the active stage these cases have been referred to their practitioners or hospitals. The further progress has been watched by periodical examination at the clinic.

(j) **Tuberculosis.** Cases of this complaint and suspected cases are sent to the Tuberculosis Dispensary. One child received hospital treatment.

(k) Other defects and Diseases. These cases are referred to their private practitioners or to the appropriate hospitals.

VIII. INFECTIOUS DISEASE.

The number of cases of infectious disease among school children notified during the year was as follows :—Non-pulmonary Tuberculosis 3, Diphtheria 5, Scarlet Fever 28, Chickenpox 55, Pneumonia 2, Measles 1. There was no serious epidemic.

IX. PHYSICAL TRAINING.

Good progress was made in spite of difficulties brought about by the war. Two part-time physical training organisers, Mr. James and Miss Holthusen were appointed about the middle of the year.

X. PROVISION OF MEALS.

Gladstone School Canteen was open throughout the year. At the beginning of the year the daily average number of children taking meals was sixty-four but this fell to forty-three at the end of the year. No meals were supplied on payment. The number of children who received free milk in school increased from 121 to 144.

XI. SPECIAL SCHOOLS.

Two children were resident at Special Schools outside the Borough during the year. Two children attended daily at the Forest Road School for the Deaf, Nottingham. One boy attended the Rocchill Special School, Nottingham.

Approved Schools.

During the year one child and two young persons were committed to approved schools by the magistrates. One child and two young persons were discharged from approved schools. At the end of the year there were three children and four young persons from this Borough in approved schools.

Boarded-out Children.

Five fresh children were committed to the care of this Authority during the year and were boarded-out in another area. At the end of the year there was a total of six children in the care of this Authority boarded-out in another district. There were nine children belonging to another Authority boarded-out in this area. All the above children were medically examined.

Blind Children.

There were no blind children.

XII. MISCELLANEOUS.

Vaccination.

Among the 1,408 children in the code group who underwent routine inspection during the year, the percentage number of children found to be vaccinated against smallpox was as follows :—

Entrants	 	14.9%
Intermediates	 	16.8 %
Leavers	 	30.0%

Attendance of Parents.

The attendance of parents at routine inspection held during the year showed the following percentage :—

Entrants	 	92.6.%
Intermediates	 	80.7 %
Leavers	 	35.6%

Mortality among School Children.

Nine deaths occurred among school children as follows :---

Tuberculous meningiti	is	1	Road traffic ac	cident	 1
Heart Disease		1	Suffocation		 1
Peritonitis		1	Drowning		 3
Broncho-pneumonia		1			

Issue of Boots.

During the year the Joint Advisory Committee "Boot Fund" issued twenty-seven pairs of boots to children of necessitous parents.

Children and Young Persons Act, 1933.

• A number of children were medically examined under the provision of the above Act and eighty-four boys and six girls were given certificates enabling them to engage in the work of distributing newspapers or delivering milk outside school hours.

STATISTICAL TABLES.

MEDICAL INSPECTION RETURNS.

Table 1. Return of Medical Inspections.

A .- ROUTINE MEDICAL INSPECTIONS.

No. of Inspections in the prescribed Groups.

Entrants							435
Second Age	Group						504
Third Age	Group						469
					Tota	1	1,408
No. of othe	r Routin	ne Ins	pection	s	••	• •	61
				Gra	and Tot	al	1,469

B.—OTHER INSPECTIONS.

Number of Special Inspe	ections	1.		 810
No. of Re-inspections				 1,130
			Total	 1,940
				STATISTICS.

C.—CHILDREN FOUND TO REQUIRE TREATMENT.

Number of In	dividual Children	found at Routi	ne Medical
Inspection	to require Treatm	ment (excluding	Defects of
Nutrition,	Uncleanliness and	Dental Diseas	es).

Group. (1)		For Defective Vision (excluding squint). (2)	For all other conditions recorded in Table IIA. (3)	Total. (4)
Prescribed Groups :				
Entrants		 -	25	25
Second Age Group		 36	40	76
Third Age Group		 31	25	56
Total (Prescribed Groups)		 67	90	157
Other Routine Inspections	••	 —	2	2
Grand Total		 67	92	159

TABLE II.

A.—Return of defects found by Medical Inspection in the Year ended 31st December, 1939.

		Routine	Inspections	Special I	Inspections		
		No. of	Defects.	No. of Defects.			
DEFECT OR DISEASE.		Re- quiring Treat- ment.	Requiring to be kept under ob- servation but not requiring Treatment	Re- quiring Treat- ment.	Requiring to be kept under ob- servation but not requiring Treatment.		
(1)	_	(2)	(3)	(4)	(5)		
Skin Ringworm : Scalp Body Scabies Impetigo Other Diseases				1 29 31			
(Non-Tuberculous)	• •	2	5	18	11		
Total (Heads 1 to 5)		4	6	79	11		

TABLE II.	-conti	nued.		37
	Routine	Inspections	Special	Inspections
	No. of	Defects.	No. o	f Defects.
DEFECT OR DISEASE.	Re- quring Treat- ment.	Requiring to be kept under ob- servation but not requiring Treatment.	Re- quiring Treat- ment.	Requiring to be kept under ob- servation but not requiring Treatment.
(1)	(2)	(3)	. (4)	(5)
Blepharitis Conjunctivitis Keratitis	4 2	3 1 	- ⁹ - ¹⁴ 1	=
Eye Corneal Opacities Other Conditions (excluding DefectiveVision & Squint)		1	7	3
Total (Heads 6 to 10)	7	5	31	3
Defective Vision (excluding Squint)	67 27	56 1	14 4	3 1 1
Ear { Defective Hearing Otitis Media Other Ear Diseases	13	6 8 1	7 28 3	
Nose Adenoids only	4 1	122 5	15	3 5 1
Throat Adenoids Other Conditions Enlarged Cervical Glands (Non-	16 1	31 2	9 47	17
tuberculous)	=	9 3	2	5 2
Heart and Circulation Bronchitis	$\frac{1}{2}$	5 2 5 29	5 11 54	2 1 1 6
Lungs { Other Non-tuberculous Diseases	_	9	8	12
Pulmonary : Definite Suspected	=	=	_	
Tuber- Non-Pulmonary : culosis Glands	-	-	-	- *
Bones & Joints Skin Other forms	_	_	_	=
Total (Heads 29 to 32)	_	-	-	-
Nervous System Epilepsy Chorea Other Conditions	1		1 4 4	
Deformities { Rickets Spinal Curvature Other Forms	 1 19	$\frac{34}{3}$	$\frac{1}{2}$	-
Other Defects and Diseases (Ex- cluding Defects of Nutrition, Un- cleanliness and Dental Diseases)	3	12	148	252
Total Number of Defects	168	354	480	335

TABLE II.-continued.

37

38 TABLE II.

Age-groups.	Number of Children	A. (Excellent		B. (Normal)		(Sli	C. ghtly ormal)	D. (Bad)	
	Inspected	No.	%	No.	%	No.	%	No.	%
Entrants	435	38	8.73	395	90.8	2	0.45	-	
Second Age- Group	504	59	11.5	435	86.3	10	1.98	_	_
Third Age Group	469	94	20.00	357	76.11	18	3.83	-	_
Other Routine Inspections	61	4	6.55	57	93-44	_	-	_	_
Total	1,469	195	13.27	1,244	84.68	30	2.04	_	-

B. Classification of the Nutrition of Children Inspected during the year in the Routine Age Groups.

TABLE III.

Return of Defects Treated during the Year ended 31st December, 1939.

Treatment Table.

Group 1.—Minor Ailments (excluding Uncleanliness for which see Table VI).

				f Defects tre ment during		
Disease or Defect.			Under the Authority's Scheme.		Total.	
(1)			(2)	(3)	(4)	
Skin : Ringworm—Scalp— (i) X-Ray Treatment.						
indicate by dash			-			
(ii) Other Treatment		• •	_	_		
Ringworm—Body		• •	-			
Scabies			27	2	29	
Impetigo			104	-	104	
Other Skin Disease			26	-	26	
Minor Eye Defects : (External and other, but e	xcluding					
cases falling in Group II)			55	_	55	
Minor Ear Defects			63	-	63	
Miscellaneous (e.g. minor inju sores, chilblains, etc.)		uises,	195	-	195	
	Total		470	2	472	

TABLE III.—continued.

Group	II.	Defective	Vision	and	Squint	(excluding	Minor	Eye
		Defects tre	eated as	Mine	or Ailme	ents, Group	I).	

	No. of D	efects dealt	with.	No. of children for whom spectacles were					
Defector Disease	Under the			Presc.	ribed 1)	Obtained (2)			
Defect or Disease.		s Otherwise. (3)	Total. (4)	(i) Under the Author- ity's Scheme.	(ii) Other- wise.	(i) Under the Author- ity's Scheme.	(ii) Other- wise.		
Errors of Refraction (including squint). (Operations for squint should be recorded separ- ately in the body of the School Medical Officer's Report).	146	1	147	79	1	65	1		
Other Defect or Disease of the Eyes (excluding those recorded in Group I).	2	-	2	Tota	1 80	Tota	1 66		
Total	148	1	149						

Group III. Treatment of Defects of Nose and Throat.

							Num	ber of	f Def	ects.			
	Received Operative Treatment.												
	Auth Sche Clir Hos	er the ority me, in nic or pital.	's n		Pract or Ho apar ie Au Sch	Privat cition ospita t from thori deme. (2)	er al, m ty's	Total (3)			Total		Total Number Treated. (5)
(i) 33	(ii) 3	(iii) 23	(iv) —	(i) 	(ii) 	(iii) 1	(iv) —	(i) 33	(ii) 3	(iii) 24	(iv) 	-	60

(i) Tonsils only. (ii) Adenoids only. (iii) Tonsils and adenoids. (iv) Other defects of the nose and throat.

TABLE III.—continued.

Group IV. Orthopaedic and Postural Defects.

	Under th	e Authority'	s Schem^.					
	Residential treatment with education (i)	Residential treatment without education (ii)	Non- residential treatment at an orthopaedic clinic (iii)	Residential treatment with education (i)	treatment without	Non- residential treatment at an orthopaedic clinic (iii)	Total number treated	
Number of child- ren treated			65				66	

TABLE IV. Dental Inspection and Treatment.

3	(a) Routine Age (4 5 6 7 8	9	10					
7	71 252 280 414 458 (b) Specials			270	130 13			2,949
	(c) Total (Routin	e and	Specia	ls)		••	•••	3,397
(2)	Number found to require	treat	ment					2,724
(3)	Number actually treated							2,807
(4)	Attendances made by chi	ldren	for trea	atmer	nt			3,100
	Half-days devoted to : Inspection Treatment	· · ·			26 342	Total	368	1
(6)	Fillings :— Permanent teeth Temporary teeth				764	Total	797	
(7)	Extractions : Permanent teeth Temporary teeth							
(8)	Administrations of genera							1,661
(9)	Other operations :— Silver nitrate Scalings, dressings	and t	emp. f	illings	151	Total	792	

(1)	Average number of visits per school made durin the School Nurses	g the year	r by	4.9
(2)	Total number of examinations of children in the School Nurses	ne Schools	by	10,526
(3)	Number of individual children found unclean			776
(4)	Number of <i>individual</i> children cleansed under made by the Local Education Authority	arrangem		Nil
(5)	Number of cases in which legal proceedings were (a) Under the Education Act, 1921 (b) Under the School Attendance Byelaws			Nil Nil



