[Report 1943] / Medical Officer of Health, Loughborough Borough.

Contributors

Loughborough (England). Borough Council.

Publication/Creation

1943

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BOROUGH OF LOUGHBOROUGH.

E 5SEP Annual Report of the Medical Officer of Health for the Year 1943.

To the Mayor, Aldermen & Councillors of the Borough of Loughborough.

Your Worship, Ladies & Gentlemen,

I have the honour to present herewith my 7th Annual Report on the health of your Borough.

For security reasons, population figures and other statistics cannot be given, and the Report is condensed. Comment is made in the Report on points of note. In general, the work again shews an all round increase.

Special mention may be made here of the small number of cases of diphtheria during the year under review, a state of affairs which so far this year is being maintained. While the figures for diphtheria immunisation are satisfactory, there is no reason other than the apathy or unwillingness of the parent why they should not be better. There can be few who are unaware of the purpose of immunisation or the facilities which are offered.

I wish to thank the Health Committee and all members of the staff for their co-operation and support during the year.

I have the honour to be, Ladies & Gentlemen,

Your obedient Servant,

R. CAUTLEY HOLDERNESS

Medical Officer of Health.

WATER SUPPLY.

The water supply of the district is derived from the uplands of Charnwood Forest, a sparsely populated district. The water has no plumbo-solvent action, and after storage alone has a considerable degree of purity. Further purification is effected by passing through primary pressure filters, followed by slow sand filtration and finally by treatment with chloramine, thus giving a supply of satisfactory organic quality and a high degree of bacterial purity.

Regular bacteriological examinations of both raw and treated water are made and the results have been consistently satisfactory.

Not more than 0.2% of the houses in the district are without a piped supply. The supply was continuous throughout the year.

MATERNITY & CHILD WELFARE.

Number of notifications of birth

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Maternity Service.

There was a slight increase in the number of cases attended by the Municipal Midwives during the year. A third Midwife was appointed in February. Each nurse attended approximately 76 cases. The average number of ante-natal visits per case was increased from 6.1 to 7.6 and visits during the puerperium from 15.3 to 17.4

Work of Municipal Midwives.		1942.	1943
Number of cases delivered:-	Midwifery Maternity	129 89 <u>218</u>	115 114 229
Number of visits:- Ante-na	atal puerper 1 um	1335 3335 4670	1745 3986 5731

Evacuation.

There was a further increase in the number of expectant mothers evacuated to Loughborough under the Government scheme. Four ante-natal clinics per week are held, and the following table shews the work carried out:-

Ante-natal Clinic. Number of women attending for the first time:-	1942	1943.
Loughborough patients Evacuees	113 981	155 1045
Total attendances:- Loughborough patients Evacuees	474 2991	577 3163
Cases referred to Dental Clinic	13	14

The number of Loughborough mothers attending the antenatal clinic expressed as a percentage of the total deliveries increased from 51.8% to 67.6%.

Child Welfare.

There has been an increase in the figures of attendances at the Welfare Centres as compared with 1942, and the total of 15,190 falls short of the 1941 figure (which was the highest ever recorded) by only 670.

The number of first attendances at the Welfare Centres of children under 1 year represents 76.7% of the corrected number of births, compared with 73.3% in 1942.

Attendances at Welfare Centres.	1942.	1943.
First attendances under 1 year " over 1 year Other attendances under 1 year over 1 year	471 46 7767 6513 14797	510 43 9199 5438 15190
Attendances at Minor Ailments Clinic etc., Number of children referred to clinic Total number of attendances	124 910	133 1228
Children referred to Dental Clinic	17	23
Children referred to Eye Clinic	8	12
Children referred to Cripples Guild	21	30

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Home Visits by Health Visitor	Home	lealth Visitor	es.
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To	children under 1 year-	first visits re-visits	1942 620 1701	1943 657 2204
To	children 1 - 5 years	Visits	4110	4462
To	expectant mothers -	first visits re-visits	120 81 6632	115 85 7523

Wartime Nurseries.

The two wartime nurseries continued in full occupation during the year, and a third was being erected at the end of the year. This latter will accommodate 50 children, giving a total of 115 places.

NOTIFIABLE DISEASES. (see also table at end of report)

Diphtheria. 21 notifications of this disease were received (compared with 110 in 1942) All were admitted to Hospital. There was one death. In nine cases the diagnosis was not subsequently confirmed. This may at first sight appear to be a large proportion, but it is not always easy to make a certain diagnosis, particularly in view of the possibility of the disease being modified as a result of immunisation, and to wait for bacteriological confirmation of the diagnosis before instituting treatment may be courting disaster. It is frequently in the light of the progress of the case under treatment, coupled with the absence of the causal organism after repeated bacteriological examinations, that the diagnosis is revised. The cases occurred sporadically throughout the year and there was no suggestion of an epidemic.

Scarlet Fever. 66 notifications of this disease were received (compared with 30 in 1942). Of these 62 were admitted to Hospital. The diagnosis was not confirmed in three cases and there were no deaths. About two thirds of the cases occurred in the last quarter, the remainder sporadically throughout the year.

Measles. There was a sharp outbreak of this disease in April and May, 411 of a total for the year of 491 notifications being received during this period. There were no deaths.

Whooping Cough. 68 notifications of this disease were received, mainly in September, October and November. There were no deaths.

Other notifiable diseases call for no special comment.

Head Louse Infestation.

In July the Minister of Health issued a circular dealing with cleanliness and good habits and the elimination of verminous conditions in mothers and young children.

Following this circular a survey of a representative sample of the young child population was made, which confirmed the previous impression that the extent of vermin infestation among young children in Loughborough was not high and did not exceed the proportion found among children attending school, i.e. approximately 5%. In the majority of cases the families affected are well known to the Health Visitors and require constant supervision. The others are chance infestations where it is only necessary to draw the parent's attention to the matter to have it remedied. Leaflets entitled "War against Lice" are distributed in appropriate cases and

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Diphtheria Immunisation.

This has continued steadily throughout the year. Various measures, including posters, cinema slides and personal appeals, are adopted to keep this important measure before the public, in particular a birthday greeting card incorporating a reminder that the child should be immunised is sent to each parent on the child's first birthday. This has proved very popular and effective. Too many parents, however, still defer the procedure until the child is several years old, thus depriving him of a valuable protection in the most susceptible period of his life.

Number of children immunised under the Loughborough Corporation Scheme:-	1942	1943
Children between 1 and 5 years over 5 years	676 429 1105	514 209 723

In addition to these a number of children who were immunised in infancy have been given a further dose on attaining the age of 5 years. This is designed to "boost up" the immunity at an age when the child is leaving the comparatively closed environment of his home and making wider contact with his fellows, thus meeting more potential sources of infection.

Percentage of Children Immunised.

THE STATE OF THE STATE OF STAT	1942	1943.
0 - 5 years	53.43%	1943 · 56 • 4%
5 - 15 years	74.16%	76.8%

These figures are on the conservative side. While due allowance is made in estimating the percentage immunised for those children immunised privately, it is not possible to obtain a completely accurate figure of the number so treated. It should also be noted that the maximum percentage of children under the age of 5 years that can be immunised is 80%, as immunisation is not carried out until a child is 12 months old.

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TUBERCULOSIS. NEW CASES AND MORTALITY DURING 1943.

· NEW CASES

DEATHS

Age Pariods	Respirat	Respiratory		Non-respiratory Respiratory			Non-respiratory		
	Male	Fenale	Malo	Female	Male	Female	Male	Female	
0	-	-	-	-			1	-	
1	-	-	1	-	1	-	-	-	
5	-	1	1	3	-	1	2	-	
15	1	1	-	2	2	2	-	-	
25	1	1	-	-	3	3	-	-	
35	4	1	-	-	2	2	-	-	
45	3	2	1	-	1	-	-	-	
55	1	-	-	-	2	-	-	-	
over 65	-	-	-	-	1	1	-	-	
TOTALS	10	6	3	5	12	9	3	-	

7 out of 24 tuberculosis deaths were not notified, but in 3 of these the illness was acute and the diagnosis not made before death.

"Tratation me" Patent.

NOTIFIABLE DISEASES - 1943

ANALYSIS OF NOTIFIED CASES AND DEATHS ACCORDING TO AGE GROUPS.

		under 1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-20 years	20-35 years	35-45 years	45-65 years	over 65 years	TOTAL	Admitted to Isolation Hospital.
DIPHTHERIA	CASES				1	2	4	2		2	-			12	21
	DEATHS						1							1	
SCARLET FEVER	CASES	1	1	4	5	4	37	6	2	3				63	62
	DEATHS														
PREUMONIA	CASES	1	1	1	1	1	2	2	3	4	4	6	1	27	
	DEATHS	3	1							2	-	3	3	12	
ERYSIPELAS	CASES										1	1	1	3	
	DEATHS													-	
PUERPE RAL.	CASES									9	1			10	5
PYREXIA	DEATHS				,					1				1	
MEASLES	CASES	16	49	55	59	63	238	7	2	1		1		491	4
	DEATHS													-	
WHOOPING COUCH	CASES	1	8	10	9	4	35	1						68	3
	DEATHS													-	

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Sanitary Inspector's Office,

Town Hall.

LOUGHBOROUGH.

ANNUAL REPORT OF THE SANITARY INSPECTOR.

FOR THE YEAR 1943.

To the Mayor, Aldermen, and Councillors of the Borough of Loughborough Your Worship, Ladies and Gentlemen.

I have pleasure in presenting my thirty-fifth Annual Report on the operations of the Sanitary Department for the year ending December 31st, 1943.

As in previous years the paper restrictions will not permit of a comprehensive report but the brief details outline the continued satisfactory progress of my Department.

The total receipts of £3248.3s,10d for salvage was nearly £500 less in 1943 than the record figure of £3747 for 1942. This reduction is mainly due to the wastepaper receipts, and is only to be expected, as the size of newspapers and magazines get less, and yet there is the increased use for paper to-day, in the home, therefore householders cannot give so much to Salvage. In the Book Drive too, many of the books went to the Forces, which also I am afraid reduced the wastepaper total.

I would, in conclusion like to take this opportunity of thanking the Health Committee, my assistants and clerks for their support and co-operation during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

H.BINTCLIFFE.

		DESCRIPTION OF WORK CARRIED OUT.	
Number	of	notices issued	311
11	п-	" complied with	311
11	11	houses re-inspected	375
11	11	house to house inspections -	680
11	17	infected houses visited -	103
"	11	rooms fumigated	142
11	11	" sprayed	186
11	11	lots of infected beds stoved at Farm -	40
11	11	" " destroyed at Farm	59
11	11	drains and other inspections -	9729
"	11	complaints received	70
11	17	communications re dust removals -	47
11	11	dairies, cowsheds and milkshops inspected	360
17	11	factories inspected	202
11	17	outworkers inspected	105
11	11	offensive trades	129
11	11	drains tested	55
.!!	11	smoke observations	8
"	11	samples of milk taken for bact.examination	59
11	11	slaughterhouses inspected during office hours	93
11	11	" evenings & Sundays	88
17	11	meat stalls and stores inspected -	278
"	"	samples of water taken for analysis -	9
"	11	food stores insp.other than where meat is kept	152
11	11		90
"	11	premises inspected for vermin -	54 67
11	11		
"	11		. 170
11	**	canal boats inspected	36

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SUMMARY OF WORK CARRIED OUT.

Bonnakti of Work Carried Out.	
New drains laid	26
Drains taken out	4
" unstopped and cleansed -	36
" ventilated and disconnected -	14
Inspection chambers built -	10
New gullies provided	24
Waste pipes of sinks disconnected -	5 34
Sink wasto pipes renewed or repaired -	
Sink waste channels repaired -	19
New sink stones provided -	7
Bath and washbasins disconnected -	_5
Drains tested by smoke, water or colour test	55
Water closets repaired New water closets provided -	75
Pail closets converted to water carriage system	10
Pail closets provided	7 55 75 75 10 8 2
Yard surface repaired or paved -	41
Rain water conductors repaired or fixed -	20
Soft water cisterns cleansed -	
Window and cords repaired -	30
Floors repaired or concreted -	25
Dirty houses cleansed	-6
" cellars "	1
Water or sewage removed from cellars -	29 5 39 25 6 1 13 77
Roofs stripped and repaired -	77
Ventilators repaired	14
Damp walls remodied	14 8 3 14
Damp courses provided	3
Plaster ceilings repaired -	14
Plaster walls repaired -	34 61
General internal and external defects remedied	61
Ashpits dispensed with -	
Water service pipes repaired -	30
Wells closed	2
Cleansed and repaired -	30 2 2 4 6
Houses connected to public sewer -	4
Damp courses repaired	0
CLOSET ACCOMMODATION.	
Total number in district at end of 1943 - 1. Privies	30
2. Pails	179
3. W.C's.	11,972
SANITARY INSPECTION.	
DANITARI INGLIGITOR.	
Total number of inspections -	11,324
" " defects or nuisances discovered	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(excluding smoke nuisances)	3997
" " complaints received -	70
" " notices served -	
(a) Formal -	4.79
(1) Y 0	13
(b) Informal -	311
" defects remedied after serving of not:	311

The above inspections include those under the following headings:Housing inspection under Housing Act,1936.
Inspection of drains, Factories, & Bakehouses.
Inspection of Dairies, Cowsheds, Milkshops, Tents, Vans,
and Sheds.
Slaughterhouses, Offensive Trades, treatment of premises
for vermin.

Markets, Meatstalls, and Foodstores, other than where meat is kept, and inspections under the Shops Act.

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INSPECTION AND SUPERVISION OF FOOD SUPPLIES

MILK.

Total number of retail Purveyors on Register Number residing in the District including shopkeepers	41
registered for the sale of pasteurised and sterilised	
milk in bottles only	7
Number of Retail Purveyors residing outside the district	7
Total number of producers on register including producers	
who retail their own milk	42

THE MILK (SPECIAL DESIGNATIONS) ORDERS. 1923 & 1936.

Number of Certified Tuberculin Tested Producers in the d	istrict.2
Number of Accredited Retailers in the district -	6
Number of Accredited Bottlers Licensed in the district	2
Number of Certified Tuberculin Tested Retailers residing	out-
side the district retailing in the Borough.	Nil
Total inspections for all purposes,	360

BACTERIOLOGICAL EXAMINATION OF MILK.

59 samples of milk have been submitted during the year for bacteriological examination and 50 were recorded as satisfactory. In the case of unsatisfactory results, frequent inspections have been made to the farms and dairies concerned and advice given to the farmer and dairymen.

The milk supplied to the schools in the Borough is submitted monthly for bacteriological examination and every three months for fat content, and the standard of the milk has reached a high level.

P. Die	No. of samples taken.	Satisfactory.	Not satis- factory.	% satis- factory.
1943 1942 1941 1940 1939 1938	59 32 48 39 62 101	50 24 43 35 53 90	9 8 5 4 9	84.4 75.0 89.5 89.7 85.5 89.1

MEAT & FOOD CONTROL.

181 pigs were slaughtered in the Borough slaughterhouses during the year. These were slaughtered by local people for their own consumption. 11 stone of pork was destroyed after examination of these animals, as unfit for human consumption. 181 inspections and visits were made.

KNACKERS YARDS.

24 inspections were made of the one registered knackers yard in the district and the conditions were found at all times to be satisfactory.

INSPECTION OF FOODSTORES, ETC.

Number	of	meat stores etc. inspected -	-	155
"	"	shops, meat stalls etc, inspected	3-47	278
	17	premises where food (other than meat)	is kept	
		or prepared for sale	-	152

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HOUSE DISINFECTION.

Number	of	infected	houses	visited	-	-	103
"	11	"	rooms	fumigated	-	-	142
11	11	11	11	sprayed	-	-	186
.11	11	lots of	infecte	d bedding	steam disi	nfected	40
- 11	11	11 11	11	11	destroyed	-	59

The usual practice of dealing with infected cases has been continued and disinfectants supplied free to householders when such cases have been notified.

DISINFESTATION.

54 premises were inspected for vermin, which necessitated 67 rooms being treated. Effective results were obtained after treatment.

OFFENSIVE TRADES.

20 trades are registored with the Local Authority and during the year under survey, 129 visits were made and conditions found to be satisfactory, no serious infringements were found.

RATS AND MICE (DESTRUCTION) ACT, 1919

Wartime conditions have necessitated stricter supervision of this branch of our duties. The Ministry of Agriculture and Fisheries have omphasised how important it it to prevent the destruction of our food supplies and desire responsible officers to increase their activities to check this serious menace.

During the year 280 visits were paid to infested premises and the use of the Hydro-Cyanide Acid gas pump has proved very effective in ridding a large number of premises of rats. The payment of 2d. per carcaso has been continued and 2074 rats were bought at a cost of £17. 5s. 8d.

SHOPS ACTS, 1912, 1913, 1928, 1934, & 1936.

170 shops in the Borough were inspected under the above Acts, dealing with sanitary and washing accommodation, ventilators and the working conditions of the shop assistants and hours of employment of the young persons.

No legal proceedings were taken during the year.

FACTORIES ACT, 1937

Routine inspections of Factories have been carried out in the district. 202 inspections having been made and alterations and improvements affected in the sanitary conditions of several factories.

SUMMARY OF INSPECTIONS.

Factories with mechanical	power	-	-	23
" without "	- 11	-	-	97
Bakehouses inspections		-		82

OUTWORKERS.

105 Outworkers were inspected during the year and it is pleasing to note that the improvement of the working conditions continues. No cases of infectious disease were found.

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SALVAGE.

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The year 1943 has been quite successful and the following brief summary gives proof of the splendid response to our frequentappeals for salvage materials.

	Tons.	cwts.	qrs.	£.	s.	D.
Wastepaper	335	2	3	2158.	16	1
Scrap Metals	16	-	3	43	4	5
Bones	16	3	_	72	11	3
Rags	14	3	2	275	2	0
Kitchen Waste	338	17	3	598	6	5
Tins	51	2	3	51	2	6
Bottles (132 dozen)	Vi.			77	11	9
Rubber Tyres	3	19	3	13	12	9
Bagging & string	4	19	0	13 30	1	6
Miscellaneous				4	15	2
Total receipts for 3	ear e	nding 1	December/43.	£3248	3	10

SUMMARY OF FOODS CONDEMNED.

Tetres and wolled out for the same to the Control to proper to the second secon 0 dependent Minerally as malour was A THE Street A Street 12 840 28 16 a si Total Section of the Control of the