#### [Report 1928] / Medical Officer of Health, Loughborough Borough.

#### **Contributors**

Loughborough (England). Borough Council.

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1928

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Borough of Loughborough.

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# Annual Reports

OF THE

MEDICAL OFFICER OF HEALTH

AND

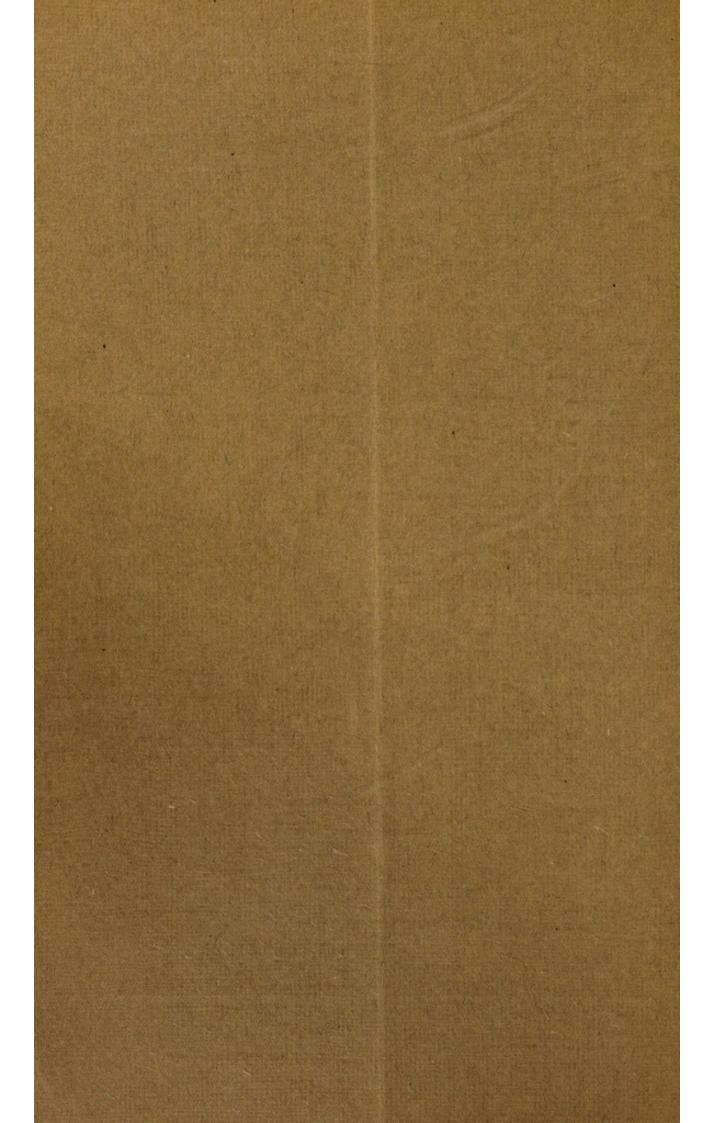
SANITARY INSPECTOR,

FOR THE

Year ending December 31st, 1928.



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# Borough of Loughborough.

**% % % %** 

# Annual Reports

OF THE

## MEDICAL OFFICER OF HEALTH

AND

# SANITARY INSPECTOR,

FOR THE

Year ending December 31st, 1928.



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#### PUBLIC HEALTH STAFF.

- \* N. B. M. BLACKHAM, Medical Officer of Health.
- \* HAROLD BINTCLIFFE, Sanitary Inspector.

Cert. Royal San. Inst. as San. Inspector.

Cert. Royal San. Inst. as Inspector of Meat and other Foods.

Cert. San. Insptrs. Assoc. Examination Board as Sanitary Inspector.

- W. J. MUNTON, Assistant, Sanitary Department.
- J. S. BIRD, Clerk and Assistant, Sanitary Department.

NURSE SHEPPARD, Health Visitor.

\* Receive Part Salaries from Ministry of Health.

# Report of Medical Officer.

To the Town Council for the Borough of Loughborough.

I have the honour to present to you my Annual Report for the year 1928.

Area (Acres) .... 3045
Population Census 1921—25874
,, Estimated 1928 (Registrar General) 25950
Average Number of Persons per house ... 4.3
Rateable Value 1928 ... £129,164 19s. 6d.
Sum represented by 1d. rate ... £482

The Borough of Loughborough is situated in the Valley of the River Soar, west of that River, which forms the eastern boundary of the Borough. The ground levels vary from 120 feet above O.D. in the neighbourhood of the Meadows adjoining the River Soar to 200 O.D. on the south western side of the Borough. The district between the Leicester Canal and the River is comparatively level, whilst the remainder of the Borough is undulating. The Hermitage Brook drains the lower levels above referred to, and the Woodbrook and Burleigh Brook drain the higher levels towards the Charnwood Forest into the River Soar. The district to the north east of the Midland Railway is practically unbuilt

upon, the bulk of the property being built upon the higher levels. The Subsoil in the lower levels is drift gravel overlying the upper Keuper Marls, and varies in thickness from 5-20 feet, and the saturating level is about 4 feet below the surface. In the remaining parts of the town, the subsoil is practically the same, except that the thickness of gravels varies considerably, in certain parts of the town there are only a few inches and in other parts it runs from 10 to 15 feet chiefly in "pockets." Subsoil water level would average 10 feet below the surface in the town other than the district east of the Midland Railway.

#### Water Supply.

The water supply of the district is derived from the uplands of Charnwood Forest, a sparsely populated district, most of which is grass land. The water has no plumbo-solvent action, and is collected from the sources of supply of the Blackbrook and the Woodbrook, each stream having a separate reservoir in which the water is stored. The Blackbrook is the larger, as also is the reservoir, and stands on a higher altitude, so that the water gravitates therefrom to the Woodbrook reservoir at Nanpantan, where ample means of filtering of the most recent type are available to render the water free from all risks of pollution. The supply is ample and continuous.

Four samples of water were submitted for analysis from wells, all of which were impure. Three wells were cleansed, and one closed.

During the year the mains were extended to the Shelthorpe Estate, Meadow Lane Housing Estate and to Stanford-on-Soar.

#### Sewage and Sewage Disposal.

The town generally is sewered on the 'Combined' system, but the more recently sewered districts are provided with sewers designed for the partially separate system. The whole of the Borough is sewered and in addition the sewers from the adjacent area of Nanpanton, in the Loughborough Rural District, discharge into the Corporation sewers. The sewage is delivered by gravitation to the Sewage Disposal Works, where, after screening, up to three times the dry weather flow is pumped and treated by settlement in Dortmund Tanks with a capacity of slightly over the d.w.f. After settlement about two-thirds of the sewage is treated by irrigation on the farm, the land being laid out in narrow plots, with grips, and is suitably underdrained. The remaining one-third is dealt with by four 80 feet diameter Bacteria Beds with revolving distributors, the media averaging 4ft. 9in. in depth, and after settlement in humus tanks the effluent is discharged into the River Soar. Storm water from 3 to 6 times the dry weather flow is pumped into Storm Water Tanks and treated as storm water. Storm overflows are provided on the trunk sewers and volumes in excess of 6 times the d.w.f. are discharged into the various water courses.

The Sewers have been extended during the year to the Shelthorpe Estate and the new Estate on Meadow Lane.

#### Rainfall for 1928.

January		4.44
February		2.10
March		1.66
April		.57
May		1.36
June		2.49
July		1.24
August		2.98
September		.78
October		4.00
November	***	3.19
December		1.86
	T	otal 26.67

#### Rivers and Streams.

There is no pollution of rivers or streams from the Borough as the sewage effluent is good.

#### Statistics and Social Condition of the Area.

#### Occupation of Inhabitants.

The inhabitants are chiefly employed in Hosiery factories and Dyeing workshops, which employ a considerable proportion of female labour. The Health conditions in the factories and workshops compare favourably with other towns of the same size. There are also several large Engineering works employing mostly men, in which the Health conditions leave nothing to be desired.

#### Vital Statistics of the Year. Total 230 182 Births, Legitimate 412 Birth rate 16.5 17 8 Illegitimate Total 429 238 191 Death rate 11.2 291 161 130 Deaths. From Sepsis Number of Women dying in, or in \

consequence of Child-birth

., Other causes 1

Deaths of Infants under one year of age, per 1,000 Births :-

	Legitimate Illegitimate	 		53·4 58·8
			Total	53.6
	Measles (all ag Whooping Cou		0	
"	Diarrhoea (unde			

#### Method of dealing with Infectious Diseases.

The Council has joined with the County Joint Hospital Committee, which provides Isolation Hospital treatment for all cases of Infectious Diseases.

Admitted during 1928,	Diphtheria	13;	Scarlet Fever	75
Died	"	0;	**	0
Discharged Remaining in Hospital	,,	12;	"	66
December 31st, 1928	.,,	1,	.,	0

Disinfection is accomplished by:— (1) the steam disinfector at the Sewage Farm; (2) fumigation with Sulphur and Formic Aldehyde, and (3) spraying with Izol, Formalin and Perchloride of Mercury.

#### The Queen's Nurses Association.

The Queen's Nurses Association provide 3 nurses who give domiciliary treatment and attention to the sick poor in their own homes. Measles etc., are attended by them. The Council Subscribe £75 per annum.

#### Ambulance Facilities.

(a) For Infectious Cases, provided by County Council.

(b) Non Infectious and Accident Cases. St. Johns Ambulance Association

#### Tuberculosis.

The Council has arranged to join the County Scheme for Sanatorium and Hospital treatment. Health Visitors have been appointed to visit and advise all cases of tuberculosis. The rooms occupied by the Patients are periodically disinfected by the Sanitary Inspector with Formalin and when a death occurs, or a removal takes place, the rooms are fumigated and the paper stripped off the walls and the rooms washed with a solution of disinfectant and limewashed, and the beds, etc., put through the steam disinfector.

There is a County Council Dispensary in Bridge Street.

#### Infectious Diseases Notified.

269 Cases of Infectious Diseases were notified during the year; viz:—Diphtheria 22, Scarlet Fever 87, Chicken Pox 82, Erysipelas 7, Pneumonia 8, Puerperal Fever 2, Malaria 5, Dysentery 3, Acute Polio Myelitis 1, Ophthalmia Neonatorum 1, Pulmonary Tuberculosis 43, other Tuberculous Diseases 7, Puerperal Pyrexia 1.

#### Scarlet Fever.

87 Cases of this disease were notified. 75 Cases were removed to the Isolation Hospital.

#### Diphtheria.

22 Cases of this disease were notified. 13 Cases were removed to the Isolation Hospital.

#### Midwives' Act, 1920.

The County Council carry out this Act.

#### Births.

The total number of Births registered in the Borough was 429, which is 49 more than last year and 13 below the average of the last 5 years, and is an annual birth rate of 16.5 per thousand of the estimated population. Of these Births 238 were Boys and 191 Girls. 17 of these births were illegitimate.

#### Mortality.

The total number of deaths registered in the Borough was 323. From this must be deducted 44 of persons not belonging to the Borough and 12 added of Loughborough residents which were registered outside the Borough, which gives the correct number of Loughborough residents as 291, which is 15 less than last year and 8 below the average of the last 5 years, and is an annual death rate of 11.2 per thousand of the estimated population. (The Death rate for England and Wales for the year was 11.7.)

#### Infant Mortality.

Deaths of Infants under one year of age per 1000 births:— Legitimate 53.4. Illegitimate 58.8. Total 53.6.

The total number of deaths under one year of age is 23, which is 13 less than last year and 11 below the average of the past five years, and is an Infant mortality of 53.6 per thousand births registered. This is very satisfactory and some credit for this must be given to the work done at the Infant Welfare Centre. The Infantile death rate for England and Wales was 65 per thousand births registered.

#### Infant Mortality for the past five years.

1923	 84.8
1924	 74.0
1925	 72.9
1926	 67.1
1927	 94.7

#### Zymotic Diseases

The total number of Deaths from Zymotic Diseases including Diarrhea and Influenza is 22, which is 11 less than last year.

#### Prevention of Disease.

In order to prevent Summer Diarrhea during the summer months, a considerable number of rooms were sprayed with a solution to kill flies. In order to prevent disease a number of houses were sprayed and fumigated in order to destroy bugs. These precautions proved successful.

#### Bacteriological Examinations.

During the year 302 specimens were examined at the County Laboratory by Dr. Fairer, County Medical Officer. I have found these examinations very helpful and wish gratefully to thank Dr. Fairer for the assistance. The examinations were as follows:—

Sputa for TB		134
Milk Examinations		69
Throat Swabs for Diphtheria		54
Blood for Wassermann tests		13
Sewage and Water Analysis		11
Films for Gonococci		8
Vidal's Test for Typhoid Fever		6
Urine (General and Bacteriologic	eal)	3 2
Throat Swabs for Meningococci		2
Miscellaneous		2
		302

In addition the following specimens were received from Loughborough Venereal Diseases Clinic:—

Films	for	Gonococci		 23
Blood	for	Wassermann	Tests	 22
				-
				45

The following specimens were received from the Loughborough General Hospital:—

7
5
4
6
36

#### Housing.

Number of New Houses erected during the year :-

(a)	Total number including num	bers given	separately	under (b)	189
(b)	With State assistance under	The Housi	ng Acts		1
(1)	By the Local Authority				120
(2)	By other Bodies or Persons				69

#### Number of New Houses erected.

1920		35
1921		115
1922		62
1009		
1923	***	30
1924		59
1925		81
1926		
	44.1	78
1927		198
1928		189
	Total	847
	Total	041

#### Unfit Dwelling Houses.

The total number of houses inspected for housing defects during the year, Public Health or Housing Acts, 541. Nuisances were found in 337 of these, the chief defects being:—dirty houses, defective floors, defective windows and doors, overcrowding, defective yard paving, etc. On notices being served these defects were remedied; 38 were found to be so dangerous or injurious to health as to be unfit for human habitation. Full details of the houses inspected, notices, etc., sent out under their different headings, etc., will be seen from the Sanitary Inspector's Report hereto attached.

#### Scavenging.

The amount of work accomplished under this heading will be seen from the Sanitary Inspector's Report attached hereto.

#### Sanitary Inspection of the Area.

Total :	No. of	complaints received duri	ng the year		79
,,	23	inspections made for all			12590
,,	,,	notices served 480. Info	rmal 386. Fo	rmal 94	
,,	,,	summonses issued			4
,,	,,	convictions obtained			2
	1	withdrawn on payment of	f costs.		
		withdrawn on satisfactory			

#### Schools.

The Sanitary conditions of the Schools in the Borough are good. The water supply in all of them is obtained from the mains. The Medical examination of school children is carried out under my supervision. The amount of work accomplished under this heading will be noted from School Report attached hereto. A careful lookout is kept by the teachers, nurses and myself for cases of Infectious Diseases amongst the children attending school.

#### Milk and Dairies Amendment Act.

A large amount of work has been carried out under this Act. On the New Register there are 53 Retailers and 20 Wholesale traders and Producers. These receive the constant attention of your Inspector and myself. 270 inspections have been made during the year. 69 samples of milk were taken for Bacteriological examination.

#### Factory and Workshops Act.

The total number of Inspections of Factories and Workshops for the year was 129, Factories 12, Workshops 84, Workplaces 33; 20 nuisances were found existing:—Want of cleanliness 1; Insufficient closet accommodation 15; unsuitable or defective 2; not separate for sexes 2; on notices being served these nuisances were remedied.

#### Smoke Abatement.

Four cases were dealt with during the year. 1 new chimney provided and 3 Smoke Preventive Appliances installed.

#### Rag Flock Acts, 1911 and 1928.

No. of premises on which	Rag Flock	is man	ufactured,	used or	
No. of Inspections made					22
No. of Contraventions					none
No. of defects remedied					none

#### Closet Accommodation.

Total number at end of year :-

Privies 7; Pail Closets 201; W.C.s 7530; 226 Pail Closets were converted to W.C.s during the year. Pail Closets and Privies are being gradually converted, this authority contributing £5 towards the cost of each conversion.

#### Veterinary Inspection.

The Veterinary examination of Milch Cows is now carried out by the County Council.

#### Notification of Births Act, 1907.

This Act is carried out by the Local Authority. A Nurse has been appointed to visit and instruct parents in all cases. The amount of work accomplished during the year will be seen from the Nurse's report attached hereto.

#### Infant Welfare.

Attached is the report of the Health visitor from which will be seen the amount of work carried out. The Infantile Death rate is 53.6 per thousand births registered as compared with 94.7 last year and 11 below the average of the last five years. The number of Deaths due to Infantile or Summer Diarrhoca was one.

Appended is the Sanitary Inspector's Report, Report of School Medical Officer to the Loughborough Education Committee of Schools in the Borough, Tabulated Statistics as to population, Birth and Mortality for the past five years, also of Infectious Diseases notified, and of Deaths of Infants under one year of age.

Copies of this report will when printed be sent to the Ministry of Health, the Home Office and the Leicestershire County Council.

I am, Ladies and Gentlemen, Your obedient Servant,

N. B. M. BLACKHAM.

Medical Officer of Health.

BOROUGH OF LOUGHBOROUGH.

-	-	AND DESCRIPTION OF THE PARTY NAMED IN	-		T-COLUMN A	-	
O TO	At all Ages.	Rate.	11.7	11.4	10.8	11-6	11 2
BELONGING	At all	Number	311	305	286	306	291
NETT DEATHS BELONGING TO THE DISTRICT.	ar of a ge	Rate per 1000 Nett Births.	74	72.9	67-1	7-46	53.6
NET	Under 1 Year of a ge	Number.	34	31	63	36	23
ERABLE FHS.	of Resi-	deuts not registered in the district.	24	1.5	17	12	12
TRANSFERABLE DEATHS.	of Non-	registered in the district.	26	31	29	33	44
TOTAL DEATHS	STRICT.	Rate.	11.7	12.1	12.2	12.3	12.4
TOTAL	REGISTERED IN THE DISTRICT.		313	322	298	327	323
	tt.	Rate.	16-9	16.0	16-3	14.4	16.5
Вівтиз.	Nett.	corrected Number. Number.	459	425	432	380	429
	TTm	corrected Number.	459	425	432	380	429
	Population estimated to	Year.	26,550	26,530	26,450	26,350	25,950
	Year.		1924	1925	1926	1927	1928

TABLE X.—Birth-rate, Death-rate, and Analysis of Mortality during the year 1928.

(Provisional figures. The rates for England and Waies have been calculated in a population estimated to the middle of 1928, but those for the towns have been calculated on populations estimated to the middle of 1937. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.)

	THE OWN PERSON		THE RESERVE	-	-	Medical	-
			Uncertified to the control of the co	1.0	9.0	1.5	0.0
	PRATHS.	P	Cortified Corone alter P.3 No Inque	I	1.9	0.5	60
-	PERCENTAGE TOTAL DEAT	89	Inquest	2.9	6.9	2.2	9-1
-	20	pi pi	Oguses of I certified Register Medica Practition	6.06	0.16	9.56	88-7
	PER RTHS.		Total Des tabau Se Yea	99	7.0	09	. 19
	1,000 Br	suin	Diarrho and Ente unde Two year	7.0	9-6	4.8	10-2
			Violence	0.03	0.48	0.41	0.22
		1	Influenza	0.19	0.17	0.21	0.13
-	ATION.	air	Diphthe	90 0	0.00	80.0	0.00
-	00 Porus	ng Br	II Noophi Boo	0.07	60-0	90-0	60.0
	NNUAL DRATE-RATE PER 1,000 POPULATION	.197	Scarlet	0.01	0.03	10.0	0.05
-	ATE-RAT		Measles.	0.11	0.15	80.0	0.20
-	NEAL DR	.X.	od-flam8	00.0	0.00	0.00	0.00
-	AN	ver.	Enteric Fe	10-0	10.0	0.01	0.01
-			Causes.	11-7	11.6	9.01	9.11
r	.8.		Still- adrid	02.0	0.10	0.73	0.02
-	FER 1,000 TOTAL	TION.	Live Births	16-7	16.9	9.91	15.9
THE RESIDENCE AND PARTY AND PERSONS ASSESSED AND PARTY A				England and Wales	oughs and Great Towns,	s (1921 Adjusted	

\* By the union of Morecambe M.B. and Heysham U.D. on the 1st October, 1928, the number of Smaller Towns is increased to 156.

# CIVILIANS ONLY. Causes of Death in LOUGHBOROUGH M.B. 1928.

	Oauses of Death	III LOO	GHBOROUGH W		
All	Causes.			M. 161	F.
211	Oauses.			101	130
1.	Enteric Fever			_	
2.	Small Pox			ment.	-
3.	Measles			*****	_
4.	Scarlet fever			_	
5.	Whooping Cough			-	
6.	Diphtheria			1	
7.	Influenza			2	1
8.	Encephalitis lethargi	ca		_	
9	Meningococcal menin			Anne	
10.	Tuberculosis of respin			7	9
11.	Other tuberculous dis			3	3
12.	Cancer, malignant di	isease		20	12
13.	Rheumatic Fever			2	2
14.	Diabetes			2	_
15.	Cerebral hæmorrhage			10	8
16.	Heart Disease			19	25
17.	Arterio-sclerosis			12	4
18.	Bronchitis			9	9
19.	Pneumonia (all forms			4	9 2
20.	Other respiratory dis-			3	_
21.	Ulcer of stomach or			4	
22.	Diarrhœa, &c., (unde			1	1
23.	Appendicitis and typh			2	1
24.	Cirrhosis of liver	111413		2	1
25.	Acute and chronic ne	nhritia		8	3
26.	Puerperal sepsis	-		0	1
27.	Other accidents & disc	asses of pro	manay and parturitie	n	1
28.	Congenital debility an				
29.	Suicide	ia manorme	oton, promacure bire		6
30.	Other deaths from vie	olongo		8	2 2
31.	Other defined disease			35	
32.	Causes ill-defined or		•••	1	37
04.	Causes III-defined of	HIKHOWH	•••	1	1
Conn	ial causes (included al	ove)		-	
Spec		ove)		1	
	Poliomyelitis Polioencephalitis		•••	1	_
	Fondencephantis		•••	1	
		) Tot	-1	19	10
Deat	hs of Infants under 1	TOO IN		13	10
		) Ine	gitimate	1	
Toma	L BIRTHS			000	101
LOTA	L DIKTHS			238	191
	Legitimate			020	100
	Legitimate			230	182
	Illegitimate			8	9
Don	T ARION		_	05	050
FOPU	JLATION			20,	950

# BOROUGH OF LOUGHBOROUGH.

							0	0							
		Total	Cases	Total					Ages of	Cases	Ages of Cases Notified.	d.			
		Notified.	Hospital.	Deaths.	Under 1 1 Year.	1-2	67	8-4	4.5	5-10	10-15	15-20	20-35	500	45 and upwards
Diphtheria	:	22	13	1	1	1	1	63	1	12	1	00	2	63	1
Scarlet Fever	:	87	75	0	1	1	1	9	9	28	14	18	14	1	1
Chicken Pox	:	82	1	-	5	S	64	7	riO.	90	14	03	1	1	1
Erysipelas	:	7	1		1	1	1	1		1		1	1	00	4
Pneumonia	:	S	1	1	1	1	1	1	1	1	1	1	4	1	23
Puerperal Fever	:	2	1	1	1	1	1	1	7	1	1	1	62	1	1
Acute Polio Myelitis	:	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Puerperal Pyrexia	:	1		1	I	1	1	1	1	1	1	1	1	1	1
Malaria	:	22	-	ı	1	1	1	1	1	1	L	1	2	63	1
Dysentery	:	00	1	1	1	1	- 1	1	1	1	1	1	63	1	1
Ophthalmia Neonatorum	:	1	1	1	+	1	1	1	1	1	1	1	1	!	1
Pulmonary Tuberculosis	:	43	1	1	1	1	1	1	1	1	2	00	18	13	5
Other Tubercular Diseases	ses	7		1	1	63	1	1	1	1	1	-	1	1	1
			1					-	-	-			-	-	-

#### TUBERCULOSIS.

NEW CASES.

DEATHS.

Ages	Pulm Male	onary.	Pulm	on- onary. Female	Pulm Male.	onary.	Pulme	on- onary. Female
0	0	0	0	0	0	0	0	0
1	1	1	4	1	0	0	2	1
5	1	0	0	0	0	0	0	0
10	1	1	0	1	. 0	0	0	0
15	0	3	0	0	0	0	0	0
20	2	3	0	0	0	0	0	0
25	7	5	0	0	5	3	0	0
35	6	7	1	0	1	5	0	0.
45	2	0	0	0	1	1	0	0
55	1	0	0	0	0	0	0	0
65 and upwards.	1	1	0	0	1	0	0	0
Totals	22	21	5	2	8	9	2	1

I have found the notification of Tuberculosis to be efficient; no evidence of wilful neglect or refusal to notify; no action was necessary to be taken relating to Tuberculous employees in the Milk Trade.

Public Health Act. Section 62

No action was necessary to be taken under this Section.

## LEICESTERSHIRE COUNTY COUNCIL.

#### (V DEPARTMENT).

Return relating to persons residing in the County of Leicestershire who were treated at the Treatment Centre at Loughborough during the year ending 31st January, 1928.

the	year ending 31st January, 1928.	7	rales.	Females.
1.	Number of persons dealt with at or in connecti with the out-patient Clinic for the first tin and found to be:—	on	ares.	r emates
	Suffering from syphilis		7	3
	;; ,, soft chancre		0	3 0 3 0
			14	3
	Not suffering from venereal disease		3	0
	Not suffering from venereal disease			
	Total	L	24	6
2.	Number of persons discharged from the out-pat			
	Clinic after completion of treatment fo		0	1
	Syphilis		0	1
	Soft chancre		10	2
	Gonorrhæa		10	
	Total		10	3
3.	Number of persons who ceased to attend the patient Clinic without completing treatment and who were suffering from:  Syphilis Soft chance Gonorrhæa		6 0 3	1 0 0
	Tota	al	9	1
4.	Total attendances of all persons at the out-pat Clinic who were—	ient		
	Suffering from syphilis		125	166
	" soft chancre			
	conorrhos		100	27
		rom		
	venereal disease		9	0
	Total		234	193
	10(1)		201	100

#### V DEPARTMENT—continued.

			. M.	F.
5.	Aggregate number of "In	-patient days" of	treatment)	
		s suffering from-		
	Syphilis	o building it all	- Sil	
	Gonorrhœa			
	Gonornica			
6.	Number of persons treated	with Salvarson s	ubstitutes 3	5 1
7.	Number of doses of Salva			
		Name of drug		er of doses.
	N.A.B.	0.45		
		0.6	1	.0
		0.9	1	.0
0	E : .:			
8.	Examinations of Patholog	gical material :-		
				Number.
	(a) Specimens from pers	sons attending at	the Treat-	
		ich were examine		
	Centre :			
		of spirochetes		0
				23
	Wasserm	" gonococci nann reaction		23
	Others			0
			Total	23
	(b) Specimens from pers	ons attending at	the Treat-	
		ich were sent fo		
		endent laboratory		
		of spirochetes		0
		" gonococci	***	0
	,, Wasserma		***	22
	Others	· · · ·		0
	J	***	***	
			Total	22

16th January, 1929.

(Signed) J. B. DALTON, Medical Officer of the Treatment Centre.

# Report of School Medical Officer.

To the Chairman and Members of the Loughborough Education Committee.

Mr. CHAIRMAN, LADIES AND GENTLEMEN.

I have the honour to present to you my Annual Report on the Medical Inspection of School Children for the year ended 31st December, 1928.

#### STAFF OF SCHOOL MEDICAL SERVICE.

The Staff consists of the Medical Officer, Assistant Medical Officer, Dentist, Oculist and two Nurses.

#### MEDICAL INSPECTIONS.

Medical Inspections are held at each School periodically. The number of children examined during the year was 1,011 of which 382 were found to require attention and most of these have been re-examined after an interval of treatment or observation.

In addition 76 Special cases have been examined at the Clinic. These are cases which have been detected by the Teachers; have come under the observation of the Nurses during their regular visits to the Schools or as the result of visits to homes by the Attendance Officer.

The inspections continue to be well attended by parents who carry out my instructions very satisfactorily. Marked improvement has been noted in most instances at re-examinations, especially in cases of malnutrition. I am gratified to observe a steady decline in the number of children showing some defect of the heart. I have no doubt the rapidly improving housing conditions and also the helpful Articles to be read in the Daily Press have played no small part in checking the incidence of acute rheumatism which is mainly responsible for these defects.

#### TONSILS AND ADENOIDS.

I regret that under the new arrangement made with the Loughborough Hospital fewer cases are receiving operative treatment and there is a considerable waiting list.

#### MINOR AILMENTS.

The Clinic continues to open each morning from 9 to 11 o'clock for the treatment of Minor Ailments, Dressings, the supply of Medicines (in certain necessitous cases) and for Medical advice on Tuesday and Friday mornings; Tuesday and Friday afternoons and Wednesday mornings for Dental treatment; Friday afternoons for Eye refractions.

The Clinic was opened 208 times Number of New cases 1018 Number of Attendances 3792

Certificates of fitness for part-time employment have been issued in 117 cases.

#### RINGWORM.

There have been 12 scalp and 20 body cases, mostly of a mild character and involving little loss of time from school.

#### SCABIES.

There were again no cases of scabies during the year.

#### IMPETIGO.

The number of cases reported and treated at the School Clinic was 103, a considerable number necessitating lengthy absence from School.

#### CLEANLINESSS.

Some further improvement has been shown in general cleanliness, though a few families still give a great deal of trouble and require to be kept under constant supervision. 80 examinations have been made in the schools by the Nurses and the number of children examined 11,632. In 13 cases the heads were found most unsatisfactory and these children excluded from school. 14 families were reported to the N.S.P.C.C. Inspector in respect of 28 children.

The average result of periodical examinations of girls' hair in the several Schools was as follows:—

Church Gate Girls'	99%	clean
Cobden Street Girls'	98%	"
Cobden Street Infants'	97%	,,
Rosebery Street Girls'	98%	,,
Rosebery Street Infants'	98%	,,
Warner School	97%	,,
Shakespeare Street Girls'	90%	,,
Shakespeare Street Infants'	92%	,,
Emmanuel Girls'	98%	,,
St. Mary's Girls' and Infants'	94%	,,
Rendell Street	97%	,,

Average for the whole 96% clean.

#### EYE REFRACTIONS.

The Clinic has been open 38 times and 114 cases of defective vision examined.

The total number of visits made by children for these examinations was 856.

#### CRIPPLES' GUILD.

During the year 22 children received treatment at the local Cripples Guild.

#### GENERAL.

The several schools in the area have, during the year, been kept in a satisfactory condition of cleanliness. The ventilation, warming, and sanitary arrangements are quite satisfactory.

The School Nurses have worked in co-operation with the Sanitary Department of the Town Council and have regularly reported to the Borough Inspector of Nuisances cases of overcrowding and dirty houses which have come under their notice.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

N. B. M. BLACKHAM, School Medical Officer.

25, Victoria Street,

Loughborough,

March, 1929.

## Report of School Dentist.

#### To the Medical Officer of the Loughborough Education Committee.

Dear Sir,

I beg to submit to you the report of the School Dental work during the year 1928.

Children to the number of 2,779 were inspected. Of these I marked down for treatment 1,785 but only those whose permanent teeth were decayed or whose temporary teeth were liable to cause suffering and ill health.

The number of those who came for treatment at the first call, 1,098, shews a great improvement, an increase of 24.8% on last year.

Those who attended at a later date "not when called" after inspection, number 91, a gratifying decrease of 62 cases on last year, shewing the great decrease in unattended septic mouths among the children.

There were 11 sessions devoted to inspection work and 100 sessions to treatment.

Permanent teeth filled 495, permanent teeth dressed 86.

Permanent teeth extracted 326, temporary teeth extracted 1,337.

Teeth were extracted for 17 patients under a general anæsthetic.

This year we have been able to give more time to the treatment with the result that there has been a great drop in the number of special cases as these children have been watched and called in for further treatment during the year.

Yours faithfully,

G. W. STOREY,

L.D.S. (Eng.)

15, High Street, Loughborough, March 1929.

# Report of the Health Visitor for the Year ending December, 1928.

Notifications Received				433
Still-born				23
Births not notified				15
Illegitimate	***		***	17
Notifications not requiring	g a visit			26
Visits paid by Health Vi	sitor			2916
Children under supervision	on constant	ly visited up	to 5 years	72
As Infant Protection visi		ldren visits		94
Times Welfare has been				98
Attendances made by mo	thers			5724
New Mothers				224
Ante Natal Cases at Cen	tre 48 avers	ge visits		264
", ", ", visited	62			258
Opthalmia				1

The Centre is opened two afternoons each week, Tuesday and Friday from 1-30 to 5 o'clock, at Baxter Gate Lecture Hall.

The Medical Officer, (Dr. Blackham), attends on Fridays at 2-30 and when necessary at special time appointed, or at own surgery.

The sale of Dried Milks, Ovaltine, Roboline, Virol, Emulsion, Ferri Phos, Codliver Oil, Umbilical Pads are sold at cost price and given in necessitous cases by order of the Medical Officer. Ovaltine has been a great acquisition to Nursing and pregnant Mothers. Great appreciation is shown by the Mothers being able to buy for a small sum these articles. It would be impossible for a working class Mother to continue treatment as ordered by a doctor if she had to pay the full price. Food is sold only to Mothers who attend the Welfare.

Our clothing stall is still running. Vests are still made by the Helpers taking the management and sold at the cost of the wool. The saving club is attached to this stall, 1d. in the shilling being given.

A good supply of Literature is kept and Health Pamplets are regularly given and posters hung about the room so that something is always in front of the Mothers to impress the need of Proper Feeding, Cleanliness and suitable clothing conducive to Health.

Maternity bags have been very frequently used during the year.

Talks are freely given in a most informal way by the Health Visitor. By this means Mothers are much more ready to open discussion that often leads up to many useful points, comparisons between the method of the old and new ways of Maternity Feeding, clothing and bringing up of children. This appears to be more effectual than always giving a set lecture.

The social side is still looked after. On January 22nd we had our Xmas Party. A party of juvenile dancers gave a display which was followed by Tea, and Games and Community Singing.

The order of the Welfare is good. Rules have been printed and hung in the centre and this I am convinced has made the Mothers realise the necessity of quiet and order, so that the work can effectually be carried on.

Our Health Week was October the 7th to 13th and this year it was made a Municipal Week. A Special Committee was formed on which was a representative from every class of worker.

On the Sunday afternoon a Meeting for men was held in the Corn Exchange, the speaker being Mr. Crewe of Leicester, Secretary to the National Health Insurance Committee.

On Monday a most interesting Health Play and exhibition of dancing were given by Miss Grewcock and her entertainers of Leicester, two performances being given, and about 900 children being present at each performance.

On Tuesday afternoon an address was given at the Welfare by Miss Florence Green, M.I.H. of the Band of Hope Union, an invitation being extended to all mothers.

On Tuesday evening a display was given by the Girl Guides, Boy Scouts and the Ambulance Association, which was well attended and much useful information and knowledge could be gained with respect to Health. This was free to the public.

On Wednesday a Baby Show was held, open to all within a radius of 3 miles of the Borough, organised by the Health Visitor and the Helpers from the Welfare. There were 100 entries and the following prizes were given:—

Eight 1st Prizes including a Certificate in each case.

6 Special Certificates were given for children attending the Centre prematurely born or Abnormal and had made good.

On Thursday evening a Lecture was given by Dr. Thompson Medical Officer of Health for Deptford.

Saturday brought a very successful week to a close by a special Concert Party from Leicester who gave an excellent entertainment principally on Health and Cleanliness and the ways and means of keeping fit.

2,000 hand leaflets of the Health Week Propaganda were delivered in the Town by helpers and 4,000 were delivered by Boy Scouts, and effective posters were widely exhibited.

# Report of Sanitary Inspector.

SANITARY INSPECTOR'S OFFICE,

TOWN HALL, LOUGHBOROUGH,

March 15th, 1929.

To His Worship the Mayor and Members of the Town Council.

Ladies and Gentlemen,

I have pleasure in submitting for your consideration my Twentieth Annual Report on the operations of the Sanitary Department for the year ending December 31st, 1928.

#### Housing.

As I have pointed out in previous reports, perhaps one of the most serious and urgent problems with which Local Authorities are faced, is the question of a sufficient and suitable supply of houses, at a reasonable rental that the majority of people can pay.

The Council are to be congratulated on the 100 new houses which will soon be ready on the new estate in Meadow Lane. These houses with all modern conveniences, (baths, electric light, 3 bedrooms etc.) are to be let at the modest rental of 8s. 7d. weekly (inclusive). Then in addition the Shelthorpe Estate is to be "filled up" probably by another 50 houses.

I am glad to know that there is a great possibility of about another 200 houses being built in the neighbourhood of Shelthorpe and trust that these may be of the cheaper type.

The Council have worked very hard and very earnestly to cope with this problem of housing but many more are required yet and I trust that we may get the 200 built at Shelthorpe.

We have been able to carry out a good deal of work in some of the older houses, such as laying on towns water inside the houses, with sinks and drains to carry away the water, also in providing pantries and food stores at these houses.

Some 38 Closing Orders have been made against the worst houses, the tenants in many cases being transferred to Meadow Lane and in some cases exchanges have been arranged.

Possibly this may be accelerated if the 200 houses should materialize and I am confident that no effort will be spared until we have reached the state of the "City Beautiful."

#### Scavenging.

The removal of household refuse has been carried out satisfactorily throughout the year, the pail closets are emptied twice weekly and the dust bins once. The ash-pits, privies and cesspools are emptied once every four weeks.

The total quantity of refuse removed amounts to 8897 loads, being about 400 loads more than last year.

#### Conversions.

The Council have generously provided the sum of £1000 towards the cost of converting the pail closets to W.Cs. The owner of the property carries out the work under the supervision of this Department and £5 is allowed on each closet converted.

During the year 226 pails have been converted to W.Cs. and dust bins in lieu of the ashpits.

#### Food Supply.

During the year we have destroyed over 700 stones weight of diseased meat, this being unsound and unfit for the food of man. This quantity is about 200 stones weight more than last year. This may appear to be contradictory to what follows later, but I have noticed that we have not had this year the very extensively diseased carcases that we have had in past years in the slaughterhouses, probably owing to the Tuberculosis Orders etc.

The cattle have probably been taken out of the cowsheds where they were suspected of being Tubercular, before they got in to the advanced stages as formerly used to be the practice.

I have had many requests to examine meat of a doubtful character and I am pleased to encourage this as far as possible.

The "making up" rooms have been carefully looked after and in several cases I have had to request the occupiers to limewash, remove offals etc.

#### Milk Supply.

We have submitted 69 samples of milk for bacteriological examination and of these

37 are returned as good.

20 ,, ,, fair.

3 ,, ,, moderate. 9 ,, ,, bad.

This gives us 53.6 as good compared with last year as 51.2. A good number of samples have been taken for the sediment test and are not included in the above return; this has been found very useful because you can show the retailer visible proof at the time when the sample is taken. Undoubtedly the milk supply is improving and many farmers are taking a keen interest in this part of the work.

#### Notices Served.

The total number of notices served is 480. A large amount of work has been carried out without my having to serve any notice at all and I like to encourage this as far as possible.

I wish to take this opportunity of thanking the Health Committee for their unfailing support throughout the year, also to my assistants for their willing help at all times, and hope with every encouragement from the general public to make our town a better place than when we found it.

I am Mr. Mayor, Ladies and Gentlemen,

Your Obedient Servant,

H. BINTCLIFFE,

Sanitary Inspector.

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	Russell Street	Cobden Street	aget Street	Canal Bank	Cing Wm. Yard				Victoria Street	Ashby Road	Mill Street	Moor Lane	William Street	Station Street	nion Street	radrck Street	ox Yard	Cross Street	lavells Yard	infold Gate	Crt. E. Pinfold Gate	Albert Terrace	erby Road	Hill		4	Street	Totals
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# Summary of Work carried out.

Number of Notices issued	480
Notices complied with	471
Houses re inspected	280
House to house inspections	460
Infected houses visited	183
fumigated	147
rooms sprayed	200
Reda stayed	143
destroyed	47
,, Rooms washed and stripped	
"Drains and other inspections	7993
,, Communications re Dust removals	
" Complaints received	78
,, Common lodging houses inspected	34
" Factories, Workshops & Bakehouses inspected	129
., Dairies, Cowsheds and Milkshops inspected	155
,, Slaughterhouses inspected	
,, Outworkers ,,	124
" Offensive Trades "	135
" Samples of Milk submitted for Bacteriolog-	
ical examination	81
" Drains tested	213
,, Tents, Vans and Sheds inspected	130
" Samples of Water taken	4
" Smoke observations	3
" Samples of Milk examined with Sediment	
Tester	7
" Legal Proceedings	3
" Schools inspected	12
" " disinfected	12
Food surrendered:	
p.,	
Beef	
	87 ,,
Corned Beef	18 lbs. ,,
Fish	111 stone weight
Tomatoes	23 boxes
Onions	2 bags
Pears	4 boxes
Cherries	5 baskets
Transfer of the second of the	141
Sardines	7 tins
Yeast	5 bags

Scavenging.	907
Total Hamilton or towns or record	8897
11	8139 217
,, Cesspool Slops	579
,, Pan Manure and Night Soil	1058
11	2621
11 TIDILITIES COMPANDE	110
,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	
Drains taken out	3
New drains laid	353
Drains stopped and cleansed	17
Drains defective	27
Gullies affixed	91
Sink drains disconnected	
Sink wastes repaired	14
New Sinkstones	88
Water laid on	87
Accumulations of Manure	3
,, Rubbish	20
Yard surface repaired	22
Manure pits constructed	3
Water Conductors repaired	62
Water Cisterns cleansed	9
Water Closets repaired	33
Dilapidated Doors and Windows repaired	76
Floors repaired	37
Yards paved	74
Animals improperly kept	5
Rabbits and Fowls kept	4
Overcrowded Houses	8
Dirty houses cleansed	230
Dirty cellars	6
Water in cellars	6
Roofs repaired	125
Ventilators repaired	2
Damp Courses	5
Ceilings repaired	4
Damp Walls	11
Dilapidations repaired	103
Drains ventilated and disconnected	335
W.C.'s in lieu of pails	226
Ashpits dispensed with	58
Dust Bins provided	208
Houses supplied with Town's water	1
Wells closed	1
Plaster walls repaired.	12
Smokey Chimneys	6
Rooms washed and stripped	65
Pantry accommodation	35
Pails provided	7
Tents and Vans	11

# Annual Report of the Medical Officer of Health for the Year 1928 for the Borough of Loughborough on the administration of the Factory and Workshop Act, 1901, in connection with FACTORIES, WORKSHOPS AND WORKPLACES.

## 1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.			f	
		Inspections.	Written Notices.	Occupiers prosecuted.
FACTORIES (Including Factory Laundries)		12	6	
WORKSHOPS (Including Workshop Laundries)		84	3	
WORKPLACES (Other than Outworkers' premises)		33	2	
Total		129	11	None

#### 2.- DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

		Nun	Number of		
Particulars. (1)		Found.	Remedied.	Referred to H.M. Inspector. (4)	offences in respect to which Prose- cutions were instituted.  (5)
Nuisances under the Public Health Acts:-					
Want of cleaniness		1	1		
Sanitary accommodation— insufficient		15	15	1000	
Sanitary accommodation— unsuitable or defective		2	2		
Sanitary accommodation— not separate for sexes		2	2		
Total		20	20	None	None

<sup>\*</sup>Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

## LEICESTERSHIRE COUNTY COUNCIL

Sanitary circumstances of the Loughborough Urban District for the year ending 31st December, 1928.

#### WATER.

No. of samples taken for analysis: (a) From wells ... ... (b) From pipe supply none No. condemned (from wells) 1 Wells No. closed ... ... No cleansed, repaired, etc. ... none No. of cases in which public supply was substituted for well water ... ... Particulars of any important extension of public water supplies and whether supply has been satisfactory in (a) quality (b) quantity: Extensions to Shelthorpe and Meadow Lane Housing Estates. also to Stanford-on-Soar. (a) Yes. (b) Yes. DRAINAGE AND SEWERAGE. No. of Cesspools No. abolished and drains connected to sewer ... none Particulars of any important extension during the year of sewerage and sewage disposal: Extensions to Shelthorpe and Meadow Lane Housing Estates, and Bottle Acre CLOSET ACCOMMODATION. Total No. in District at the end of 1928 :-(1) Privies ... ... (2) Pail Closets ... 201 (3) W.C.'s ... 7530 No. of privies (middens) and pail or earth closets connected to the water-carriage system during the year 226. Converted from Pails to W.C's.

#### SCAVENGING.

How is house refuse removed and disposed of?

By Horse and Motor Destructor

What means are adopted for the cleansing of earth closets, privies, ashpits and cesspools?

Dust bins emptied weekly.

Pail Closets emptied twice weekly.

Privies, Ashpits and Cesspools every four weeks.

Any changes during the year? ... No.

#### SANITARY INSPECTION.

1	otal	No.	of Premises visited	2	996
	,,	,,,	Defects or Nuisances discove	ered	2572
	22	"	Complaints received		
	,,	,,	Inspections for all purpose	S	12590
	33	"	Notices served (Informal 386. Formal		480
	,	,,	Summonses issued		4
,	,	,,	Convictions obtained		2

One withdrawn on payment of costs, and one withdrawn on satisfactory undertaking.

#### SMOKE ABATEMENT.

#### Particulars of any action taken during the year.

Four cases.—1 new chimney, 3 smoke prevention appliances installed.

Regulated	No. in	No. of	Action	General
Buildings,	District.	Inspections	taken.	Conditions.
Common Lodging			Informal	
Houses	2	34	Notice	fair
*Tents,			Formal Notices	Conditions
Vans,			and Vans	were bad, but
Sheds, &c.	11	130	removed. Var	ns now removed
Canal Boats	33	30	none	good
Offensive trade	s 20	135	none	good

\*In many cases the ground on which the Vans were standing was not paved, no water supply was provided, there was no sanitary accommodation, or receptacles provided for household refuse. Statutory Notices were served and then proceedings commenced in the Police Courts, then the Vans were removed.

#### RAG FLOCK ACTS 1911 and 1918.

No.	of premises on which Rag Flock	is	manufactured, used	t or sold	4
No.	of inspections made		•••		22
No.	of contraventions found				none
No	of defects remedied				none

#### HOUSING .- Year ending 31st December, 1928.

Statistics for the year 1928 should be given in the following form. In order that the particulars asked for may be accurately given the several heads should be read as a whole before the form is filled up, and care should be taken to avoid duplication; for example, a defective house remedied twice during the year should be counted once only.

(2) By other hadies or newsons	189
<ol> <li>Total No. of dwelling houses inspected for housing defects (under Public Health or Housing Acts)</li> </ol>	
<ol> <li>No. of dwelling houses (included under Sub-head (1 above) which were inspected and recorded under the Housing Consolidation Regulations, 1925</li> </ol>	
3. No. of dwelling houses found to be in a state so dan gerous or injurious to health as to be unfit for huma habitation	n
<ol> <li>No. of dwelling houses (exclusive of those referred t under the preceding sub-heading) found not to b in all respects reasonably fit for human habitation.</li> </ol>	е
Remedy of Defects during the Year without Service of Formal Notices	
No. of defective dwelling houses rendered fit in consequence of informal action by the Local Authority of their officers	r 200
ACTION UNDER STATUTORY POWERS.	
(a) Proceedings under Section 3 of the Housing Act, 1925.	
1. No. of dwelling houses in respect of which notice were served requiring repairs	s . 74
2. No. of dwelling houses which were rendered fit after service of formal notices:—	r
(a) By Owners (b) By Local Authority in default of Owner	. 74
3. No. of dwelling houses in respect of which Closing Order became operative in pursuance of declarations by Owners of intention to close	

(b)	Procee	edings under Public Health Acts.		
	1.	No. of dwelling houses in respect of which notice served requiring defects to be remedied	es were	81
	2.	No. of dwelling houses in which defects were reafter service of formal notices:—	emedied	
		(a) By Owners		81
		(b) By Local Authority in default of	Owners	none
(c)	Procee	edings under Sections 11, 14, and 15 of the Housing A	ct, 1925.	
	1.	No. of representations made with a view to the of Closing Orders	making 	38
	2.	No. of dwelling houses in respect of which Orders were made	Closing	38
	3.	No. of dwelling-houses demolished as a result of Orders	Closing	10
	4.	No. of dwelling houses in respect of which Orders were determined, the dwelling houses been rendered fit		none
	5.	No. of dwelling houses in respect of which Der Orders were made	nolition	2
	6.	No. of dwelling houses demolished in pursua Demolition Orders	ance of	.2
		INSPECTION AND SUPERVISION OF FOOD.		
Mill	k.			
RE	TAIL P	URVEYORS.		
		No. on Register,		53
		Total No. of inspection of Premises		155
		Total No. of contraventions found Total No. contraventions remedied		5
		Total 1.0. contraventions remoded		Ü
Cov	WKEEPE	crs: (other than retail purveyors)		
		No. on Register		20
		Premises, No. of inspections  Total No. of contraventions found (includ those requiring cleansing and Structural)		115
		ations)		4
		Total No. of contraventions remedied		4
		No. found to require Cleansing		4
		No. found to require structural alterations		none

#### General.

Total No. of Milch Cows in the District	 158
No. of Bacteriological samples taken	 69
State any action taken with regard to Dirty Milk :	

Representations have been made to the Local Authorities in whose districts the cowsheds are situated.

#### Milk (Special Designations) Order, 1923.

No. of Licences granted stating the Designations concerned:

One for Grade A

#### Meat, etc.

No. of carcases or parts of carcases:  (a) Seized for Tuberculosis  (b) Surrendered for Tuberculosis		none 67
Private Slaughter Houses In Jan. 1928 I No. "registered" 9	n Dec.	1928
No. "licensed" 6	6	
No. of inspections of premises		2916
Has public abbattoir been established?		No.
No. of inspections of meat at time of slaughter		2535
Meat Stalls. No. of inspections		124
Meat Shops, Stores, &c. No. of inspections		127
Total No. of inspections of places where food (other than a	meat)	
is kept or prepared for sale		130

#### H. BINTCLIFFE,

Sanitary Inspector.

March 15th, 1929.

