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Borough of Newcastle-under-Lyme

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# ANNUAL REPORT

ON THE

## HEALTH OF THE BOROUGH

FOR THE YEAR 1939

BY

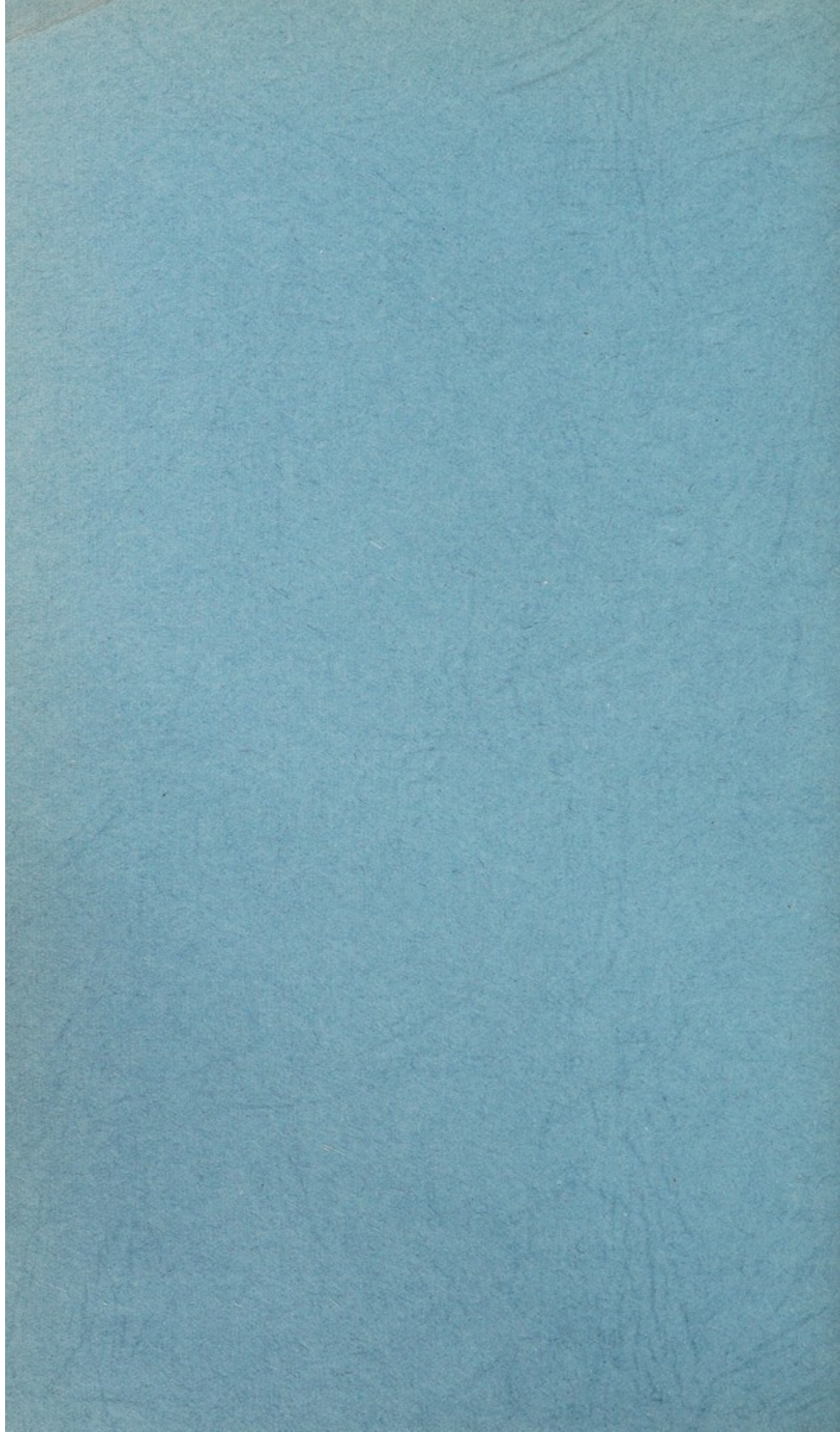
**ADAM WHITE, M.D., M.R.C.P., D.P.H., D.T.M. & H.**

Medical Officer of Health, School Medical Officer.

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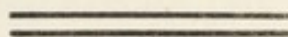
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PUBLIC HEALTH OFFICES,  
6 QUEEN STREET,  
NEWCASTLE-UNDER-LYME,  
STAFFS.

*To the Chairman and Members of the  
Public Health Committee.*

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report on the health of the Borough for the year 1939.

The birth-rate for the year (16.41 per thousand of the population) is about the average rate for the district in recent years and it is higher than the corresponding rates for England and Wales as a whole and for the divisions into which the country is divided for statistical purposes.

The death-rate (10.82) is about the average rate for the Borough in recent years and it is lower than the rate for England and Wales as a whole.

The infantile mortality rate (51.84 per thousand births) is below the average for the Borough in recent years but it is slightly higher than the corresponding rate for England and Wales as a whole.

I desire to thank the members of the Committee for the keen support which they have given me throughout the year and to express my special appreciation of the manner in which all the members of the staff have co-operated with and assisted me generally and more particularly in connection with the additional work thrown on the department owing to the war.

I am,

Mr. Chairman, Ladies and Gentlemen,  
Your obedient Servant,

**ADAM WHITE.**



## SECTION A.

---

### Statistics and Social Conditions of the Area.

#### Area.

The area of the Borough is 8,882 acres.

#### Population, etc.

The Registrar-General's estimate of the population for 1939 is 64,460 for "resident" and 64,420 for "average" population. The former is used in calculating the birth-rate, and the latter in calculating the death-rate.

In addition two figures are given by the Registrar-General to denote live births. One (1,058, 1,034 legitimate and 24 illegitimate) for calculating birth-rates and the other (1,061, 1,037 legitimate and 24 illegitimate) for calculating infant and maternal mortalities.

The number of inhabited houses at the end of 1939 was 18,872.

#### Rateable Value, etc.

The rateable value of the Borough is £292,860, and one penny rate in the £ (General Rate) produces £1,106 exclusive of voids, etc.

#### Social Conditions.

The following industrial undertakings are situated within the district :—

Coal Mines ...	...	...	5
Ironstone Mines ...	...	...	1
Brick Yards ...	...	...	19
Chemical Works ...	...	...	3
Wagon Works ...	...	...	1
Colour Works ...	...	...	1
Engineering Works ...	...	...	1
Tar Macadam Works ...	...	...	3
Bone Works ...	...	...	1
Slag Works ...	...	...	2
Cotton Factory ...	...	...	1



Clothing Factory ...	...	1
Fustian Mills ...	...	2
Paper Mills...	...	1
Saw Mills ...	...	1
Pottery ...	...	1
Laundries ...	...	2
Foundries ...	...	4
Mineral Water Factory ...	...	1

In addition, the town serves as a shopping centre for contiguous areas and accordingly we find in it shops, garages and such other business premises as one would expect to encounter in a centre of population of this character.

With regard to the extent of unemployment, I am indebted to the Manager of the Employment Exchange for the following information. The average weekly unemployment figure for the Newcastle-under-Lyme area during 1939 was 3,924, as compared with 3,625 for the year 1938. The present figure is approximately 19.6 per cent. of the insured population of 20,000 (estimated), as against 20 per cent. for the year 1938, 17 per cent. for the year 1937, 20 per cent. for the year 1936, 23 per cent for the year 1935, 22 per cent for the year 1934, 25 per cent for the year 1933, and 37 per cent. for the year 1932. According to the Ministry of Labour Gazette the average percentage of unemployed throughout Great Britain for 1939 was approximately 10.5%.

#### Extracts from Vital Statistics for the Year.

			Total	Male	Female	Rate	
Live Births	Legitimate		1034	520	514	16.41	per 1000 estimated resident population
	Illegitimate		24	12	12		
Stillbirths	...	...	63	37	26	56.2	{ per 1000 total live and still births
Deaths	...	...	697	369	328	10.82	
							per 1000 estimated average population

## Deaths and death-rates from puerperal causes :—

	Deaths	Rate per 1000 total live & still births
Puerperal sepsis ... ..	—	—
Other puerperal causes ...	2	1.77
Total ... ..	2	1.77

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

Total ... ..	51.84
Legitimate ... ..	50.14
Illegitimate... ..	125.0
Deaths from Cancer (all ages) ... ..	79
Deaths from measles (all ages) ... ..	1
Deaths from whooping cough (all ages) ...	3
Deaths from diarrhoea (under 2 years of age)	2

**Table 1.**  
CAUSES OF DEATH.

CAUSES OF DEATH						Males	Females
ALL CAUSES	...	...	...	...	...	369	328
1.	Typhoid and paratyphoid fevers	...	...	...	...	—	—
2.	Measles	...	...	...	...	—	1
3.	Scarlet fever	...	...	...	...	—	1
4.	Whooping cough	...	...	...	...	1	2
5.	Diphtheria	...	...	...	...	—	—
6.	Influenza	...	...	...	...	1	8
7.	Encephalitis lethargica	...	...	...	...	—	1
8.	Cerebro-spinal fever	...	...	...	...	—	—
9.	Tuberculosis of respiratory system	...	...	...	...	13	15
10.	Other tuberculous diseases	...	...	...	...	1	4
11.	Syphilis	...	...	...	...	—	2
12.	General paralysis of the insane, tabes dorsalis	...	...	...	...	1	—
13.	Cancer, malignant disease	...	...	...	...	37	42
14.	Diabetes	...	...	...	...	2	1
15.	Cerebral haemorrhage, etc.	...	...	...	...	19	26
16.	Heart disease...	...	...	...	...	120	101
17.	Aneurysm	...	...	...	...	1	3
18.	Other circulatory diseases	...	...	...	...	19	19
19.	Bronchitis	...	...	...	...	20	8
20.	Pneumonia (all forms)	...	...	...	...	17	8
21.	Other respiratory diseases	...	...	...	...	3	—
22.	Peptic ulcer	...	...	...	...	8	2
23.	Diarrhoea, etc. (under 2 years)	...	...	...	...	—	2
23a.	„ (2 years and over)...	...	...	...	...	2	—
24.	Appendicitis	...	...	...	...	2	1
25.	Cirrhosis of liver	...	...	...	...	2	—
26.	Other diseases of liver, etc....	...	...	...	...	—	1
27.	Other digestive diseases	...	...	...	...	9	7
28.	Acute and chronic nephritis	...	...	...	...	7	7
29.	Puerperal sepsis	...	...	...	...	—	—
30.	Other puerperal causes	...	...	...	...	—	2
31.	Congenital debility, premature birth, malformations, etc.	...	...	...	...	21	16
32.	Senility	...	...	...	...	8	8
33.	Suicide	...	...	...	...	7	2
34.	Other violence	...	...	...	...	21	7
35.	Other defined diseases	...	...	...	...	27	31
36.	Causes ill-defined or unknown	...	...	...	...	—	—



### **Causes of Sickness.**

The increased incidence of diphtheria and scarlatine experienced during 1937 and 1938 ceased to be operative during 1939.

## **SECTION C.**

### **Sanitary Circumstances of the Area.**

SECTIONS C, D AND E, DEALING WITH THE SANITARY CIRCUMSTANCES OF THE AREA, HOUSING AND INSPECTION AND SUPERVISION OF FOOD EMBRACE THE SUBMISSION OF THE CHIEF SANITARY INSPECTOR'S REPORT.

#### **Water Supply.**

Seventeen special samples of water were submitted for analysis (chemical 4, bacteriological 13) four of which were reported unfit. The circumstances affecting the adverse reports were satisfactorily dealt with. Two houses are scheduled for slum clearance action and the other cases have been cleared up.

Thirty-six special visits have been made to houses regarding water supplies. Twenty-four dwelling-houses have been given improved facilities for the usage of water by the provision of 12 additional taps and 10 additional sinks, and by the provision of water supply to sanitary accommodation at 17 houses.

#### **Drainage and Sewerage.**

Some 2,895 yards of new sewers were laid during the year in connection with new property development and Corporation re-housing schemes. Portions of the area as yet unsewered include Audley Road (part), Springwood, High Lane, Black Bank and Ravensdale. The length of sewers relaid was 120 yards.

Seventy-six inspections following complaints regarding sewers, street gullies, etc., were made, and 24 nuisances have been abated.

#### **Rivers and Streams.**

Ten inspections regarding pollution were made during the year, pollution of the Holditch Brook (a tributary of the Lyme) being reported to the County Authority and subsequently abated.

### Sanitary Accommodation.

The following is a summary of the various types of sanitary convenience existing in the Borough at the end of the year :—

No. of houses and premises served by flushed water closets	...	...	...	...	...	18,429
No. of houses and premises served by waste water closets	...	...	...	...	...	270
No. of houses and premises served by hand-flushed water closets	...	...	...	...	...	120
No. of houses and premises served by privies (191)	...					174
No. of houses and premises served by pail closets (89)						78
No. of houses and premises drained to cesspools (26)						26
No. of houses and premises served by standard dustbins	...	...	...	...	...	19,681
No. of houses and premises served by ashpits (38)	...					20

Particulars of conversions made during the year :—

Privies converted to water closets	...	...	...	4
Pail closets converted to water closets	...	...		4
Waste water closets converted to flushed water closets				10
Hand-flushed closets provided with cisterns		...		10
Privies converted to pail closets	...	...	...	—
Water closets and cesspools connected direct to public sewers	...	...	...	—
New or additional water-closets provided	...	...		7
No. of dry ashpits abolished in favour of bins...		...		21
Standard dustbins replaced or provided through the Local Authority	...	...	...	905

During the year 8 privies and pail closets were abolished.

### Public Cleansing.

#### SERVICES :

The following is a summary of the cleansing services performed during the year ending 31st March, 1940 :—



*Refuse Collection :—*

Number of houses and other premises receiving a refuse collection service ...	18,500
Number of premises receiving special trade refuse collection service ... ..	205
Average number of ashbins cleansed per week ... ..	19,500
Average number of privies cleansed per week	176
Average number of pail closets cleansed per week ... ..	93
Number of cesspools (19) cleansed during the year ... ..	264
Number of ashpits (emptied each month) still in use ... ..	20
Total refuse collected—Dry (estimated) ...	15,200 tons
Wet „ „ ...	700 „
Weight collected per 1,000 population per day (Dry refuse) ... ..	12.9 cwts.

*Refuse Disposal :—*

Total estimated refuse dealt with at the Disposal Plant or Tips (2) (excluding wet refuse) or covering material ... ..	17,000 tons
(Incineration 6%, Tipped 94%)	

*Street Cleansing :—*

Number of Gullies ... ..	4,904
Total number of gully cleansings ... ..	18,978
Approximate mileage of streets cleansed daily (each Sunday 7.62 miles) ...	6.32 miles
Approximate mileage of streets cleansed three times weekly ... ..	3.58 „
Approximate mileage of streets cleansed twice weekly ... ..	5.06 „
Approximate mileage of streets cleansed once weekly ... ..	50.07 miles
Approximate mileage of streets cleansed less than once weekly ... ..	6.53 „
Total miles ...	<u>72.86</u>



(Trunk Road, 4.36 miles. County Roads, 24.28 miles. District Roads, 44.22 miles).

The staff employed in these services is as follows :—

			Average
Refuse collection	...	...	40
Refuse disposal	...	...	10
Street cleansing...	...	...	27
One foreman (all services)			

*Public Conveniences :—*

The following conveniences are maintained and supervised :—

Newcastle :	Pepper Street	(Males and Females)
„	Marsh Street	(Males and Females)
„	Smithfield Road	(Males)
Wolstanton :	High Street	(Males and Females)
Silverdale :	Crown Street	(Males)
Chesterton :	Victoria Street	(Males)
„	Dragon Square	(Males and Females)

Since George Street Convenience was abolished in the autumn of 1938 for road improvement purposes, a temporary agreement for the public of this vicinity to use facilities of an adjoining Billiard Hall have been instituted.

Staff employed :	Males (full-time)	...	2
	„ (part-time)	...	8
	Females (full-time)		4
	„ (part-time)		1

(3) COSTS :

The summary of costs for the year ending 31st March 1940, will be approximately as follows :—

	Refuse Collection			Refuse Disposal		
	£	s.	d.	£	s.	d.
Net cost (loans excluded) ...	6,976	0	0	2,453	0	0
Net cost per ton ...		9	2.1		2	10.6
Net cost per 1000 population	107	17	9	37	18	9
Net cost per 1000 premises	377	1	7	132	11	11

	Street Cleansing			Gully Cleansing			Snow Removal		
	£	s.	d.	£	s.	d.	£	s.	d.
Net cost (loans excluded) ... ..	3,732	0	0	439	0	0	1,455	0	0
Net cost per 10,000 square yds. cleansed	7	1.8		—			—		
Net cost per 1,000 gullies cleansed ...	—			23	2	8	—		
Net cost per 1,000 population ... ..	57	14	4	6	15	9	22	10	1

### Sanitary Inspection of the Area.

#### Record of Inspections and Results.

Inspections made with respect to :	No. of Inspections	Nuisances or defects reported	Re-visits made re abatement	Nuisances or defects remedied
P.H.A.—Housing .. ..	381	820	302	378
Other Nuisances .. ..	199	117	137	98
Water Supply .. ..	30	9	6	3
Overcrowding .. ..	442	12	445	98
Verminous Conditions—				
Council Houses .. ..	172	29	14	9
Private Houses .. ..	158	43	20	4
Drains—Inspected .. ..	208	144	138	135
Tested .. ..	22	7	2	3
Sewers, Street Gullies, &c. ..	76	46	9	24
Sanitary Accommodation .. ..	120	80	37	68
Ashes Accommodation .. ..	973	887	194	778
Accumulations .. ..	91	83	7	50
Swine, Fowl or other Animals	44	19	8	15
Rivers Pollutions Acts .. ..	9	1	1	1
Rats and Mice Act .. ..	32	27	16	27

#### Other visits :

Respecting Infectious Diseases ... ..	213
„ Disinfection ... ..	163
„ Schools, Public Buildings, Cinemas, etc. ... ..	101
Miscellaneous Visits ... ..	498
Public Cleansing visits ... ..	2,438
Air-Raid Precautions—Special Visits ...	659
Interviews—owners and tradesmen ...	561

**Notices served and complied with.**

	Notices Served		Notices Complied with	
	Prelim.	Statutory	Prelim.	Statutory
P.H.A.—Housing Defects ..	144	1	124	2
Nuisances .. ..	234	1	226	1
Smoke Nuisance ..	4	—	6	—
Housing Acts .. ..	90	86	73	60
Factory and Workshops ..	17	—	22	—
Cowsheds, Dairies, &c. ..	4	—	3	—
Byelaws and Local Acts ..	9	—	14	—
Shops Act .. ..	2	—	3	—

**Inspection of Factories, Workshops and Workplaces.**  
Including Inspections made by Sanitary Inspectors.

Premises.  (1)	Number of		
	Inspec- tions.  (2)	Written Notices.  (3)	Occupiers prosecuted.  (4)
Factories with mechanical power ..	143	5	—
Factories without mechanical power	176	5	—
Other Premises .. .. (not including Outworkers Premises)	97	7	—
Total ..	416	17	—



**Defects found.**

Particulars.  (1)	Number of Defects.			Number of offences in respect to which Prosecutions were instituted. (5)
	Found or brought forward. (2)	Remedied. (3)	Referred to H.M. Inspector (4)	
Want of cleanliness ..	40	42	—	—
Overcrowding .. ..	—	—	—	—
Unreasonable temperature	—	—	—	—
Inadequate ventilation ..	5	—	—	—
Ineffective drainage of floor	11	2	—	—
Sanitary Convenience—				
Insufficient .. ..	4	4	—	—
Unsuitable or defective	3	4	—	—
Not separate for sexes..	1	1	—	—
Other offences .. ..	18	15	—	—
	82	68	—	—

Premises of outworkers visited (wearing apparel) ... 15

**Shop Sanitation.**

Number of sanitary visits made to shops...	42
Number of nuisances or defects found ...	8
Number of nuisances or defects remedied...	6

**Offensive Trades.**

Number recorded as being within the Borough ...	75
Fish Fryers ... ..	47
Fat Melters, etc. ...	7
Tripe Boilers ... ..	15
Rag and Bone Dealers	6
Number of new offensive trades established ...	2
Fish Fryers ... ..	1
Rag Sorter ... ..	1
Number of inspections made ... ..	80
Nuisances or defects found ... ..	9
Nuisances or defects remedied ... ..	18

### Common Lodging Houses.

Number of registered houses in use at the end of the year ... 3

These provide the following accommodation :—

Holborn Municipal Hostel ...	69 beds (males)
13 Lower Street, Newcastle ...	43 beds (males)
71/73 Lower Street, Newcastle ...	{ 15 beds (males) 6 beds (females)
Number of inspections made...	20

### Houses Let in Lodgings.

Notices served ...	1
Notices complied with ...	1
Premises approved for registration	—
Number of inspections made ...	16
Nuisances or defects found ...	4
Nuisances or defects remedied	4

### Tents, Vans and Sheds.

Total number of semi-permanent vans, etc. existing at the end of the year	16
Number of vans, etc., in possession of owner-occupiers ...	15
Number of vans, etc., found to be overcrowded ...	5
Number of vans, etc., found unfit for habitation ...	—
Number of visits and inspections made	47
Nuisances or defects found ...	9
Nuisances or defects remedied ...	16

### Smoke Abatement.

Number of recorded observations made...	56
Number of notices served (Section 1, Public Health Smoke Abatement Act)	7
Number of notices complied with ...	6
Visits to premises following observed nuisances ...	21

### Eradication of Bed Bugs.

Particulars of action taken is as follows :—

COUNCIL HOUSES				PRIVATE HOUSES			
Inspection	Infested	De-infested		Inspection	Infested	De-infested	
		HCN	Zaldecide			HCN	Zaldecide
174	29	15	1	178	43	1	3

## SECTION D.

### Housing.

#### General.

*Housing Census :—*

- (1) Total number of inhabited houses in the  
Borough ... .. 18,872
- (2) Estimated number of working class houses  
(separately occupied accommodation) ... 16,100
- (3) Number of new houses erected during the  
year :
 

(a) by Private Enterprise	...	563	}	684
(b) by Local Authority	...	121		

The principal work done under the Housing Act, 1936, can be summarized as follows :—

*Inspections :—*

	Primary	Re-visits
(a) Part 1—Clearance Areas ... ..	157	235
do. other visits	1379	31
(b) Part 2—Section 9—Reconditioning	27	224
Sections 11/12—Demolition or closure ... ..	37	215



During the year 9 clearance areas (containing 85 houses, 97 families and a population of 365 persons) have been represented to the Local Authority. Four local Public Enquiries have been held in connection with opposed orders. Confirmation of five Compulsory Purchase Orders involving 70 houses (76 families, 274 persons) have been received during the year.

In addition, representations to the local authority have been made in respect of 30 individual unfit houses.

### Statistics.

#### 1. Inspection of Dwelling-houses during the Year :—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... 595

(b) Number of inspections made for the purpose ... 1567

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925... 131

(b) Number of inspections made for the purpose ... 221

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 110

(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... 162

#### 2. Remedy of Defects during the Year without Service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... 96

#### 3. Action under Statutory Powers during the Year :—

(a)—Proceedings under sections 9 and 10 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which notices were served requiring repairs... 2

(2) Number of dwelling-houses which were rendered fit after service of formal notices :—

(a) by Owners	...	...	...	...	nil
(b) by Local Authority in default of owners					nil

(b)—Proceedings under Public Health Acts :

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied... .. 1

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) by Owners	...	...	...	...	2
(b) by Local Authority in default of owners					nil

(c)—Proceedings under sections 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made ... .. 28

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders ... .. 41

(3) Number of dwelling-houses demolished in anticipation of formal procedure ... .. 2

(4) Number of dwelling-houses closed on undertakings (not demolished) ... .. 1

(5) Number of dwelling-houses reconditioned on undertakings ... .. 1

(d)—Proceedings under section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... .. 2

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... .. nil

#### 4. Housing Act, 1936—Part IV—Overcrowding.

A. (1) No. of dwellings overcrowded at the end of the year ... .. 409



(2) No. of families overcrowded at the end of the year ... ..	423
(3) No. of persons overcrowded at the end of the year ... ..	2795
B. No. of new cases of overcrowding reported during the year :—	
Houses ... ..	12
Families ... ..	14
Persons ... ..	98
C. (1) and (2). No of cases of overcrowding abated during the year —	
	Council      Ordinary
Houses ... ..	46      52
Families ... ..	47      57
Persons ... ..	345      364
D. Cases in which dwellings have again become overcrowded ... ..	Nil
E. Other unusual circumstances respecting overcrowding ... ..	Nil

## SECTION E.

### Inspection and Supervision of Food.

#### (a) Milk Supply.

Number of Dairy Farms in the Borough ...	40
The number of milch cows kept approximate to	1021
Producers of graded milk ... ..	11
Number of Retail Purveyors of milk ...	408
(a) Resident ... ..	381
(b) Non-Resident ... ..	27



Several of these purveyors distribute both loose and bottled milk, but of the resident purveyors, 229 retail bottled milk only.

Number of Dairy Milkshops ... .. 44

Fifteen retail purveyors hold licences for the sale of graded milk. The following licences were issued during the year :—

Tuberculin Tested... 12  
Accredited ... .. 3  
Pasteurised ... .. 2

Two bottling licences were issued during the year :—

Tuberculin Tested... 2  
Accredited ... .. 1

During the year 7 samples of milk were submitted for bacteriological examination :—

Tuberculin Tested... 2  
Loose milks ... .. 5

One of these was found to contain tubercle bacilli, and the cow was slaughtered under the Tuberculosis Order.

Two ungraded samples were found unsatisfactory and warning letters were sent.

#### DAIRIES AND COWSHEDS.

Number of existing Cowsheds reconstructed ... 2  
Number of Cowsheds discontinued ... .. 6  
Number of new Cowsheds erected ... .. —  
Number of new or improved Dairies ... .. 4

	Inspection.	Re-Inspection.	Nuisances or defects	
			Found	Abated
Cowsheds ... ..	63	7	10	12
Dairies and Milkshops ...	71	5	5	2
Ice Cream Premises ... ..	38	6	6	13

No. of Ice Cream premises registered under  
Private Act ... .. 80

**(b) Meat and Other Foods.**

No. of Butchers shops registered under Private Act (including Market Stalls)	...	...	88
--	-----	-----	----

No. of Preserved Food preparing premises registered	...	...	...	...	...	47
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There is no public slaughter-house in the Borough. There are 14 registered and 9 licensed slaughter-houses in use in the Borough.

The number of men licensed to slaughter animals in accordance with the Slaughter of Animals Act, 1933, is 66.

**LICENSING OF SLAUGHTER-HOUSES**

The slaughter-houses within the Borough were reviewed under the Food and Drugs Act, 1938, Section 57, and applications for licenses were received and reports submitted for consideration.

Of the 14 previously registered slaughterhouses, 10 applications were adjourned subject to execution of repairs, and there were 4 refusals.

Of the 9 premises previously licensed, the applications were adjourned subject to the execution of repairs being carried out.

There were 2 redundant premises (licence not operated), and the applications were refused.

Court proceedings were instituted for exposing unsound meat in a butchers shop and the defendant was fined £2 with £2 2s. od. costs.

The following tables show the numbers of animals slaughtered and inspected at private slaughterhouses, together with particulars as to the extent of disease and causes of condemnation.

**Carcases Inspected and Proportion Condemned for  
Tuberculosis and Other Conditions.**

	Cattle excl'ding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number inspected .. ..	1089	795	476	8338	2870
<b>Diseases other than Tuberculosis</b>					
Whole Carcases condemned	—	—	—	2	3
Carcases of which some part or organ was condemned	27	36	2	8	27
Percentage of the Number inspected affected with diseases other than tuber- culosis	2.5	4.7	0.4	0.1	1.0
<b>Tuberculosis only :</b>					
Whole carcases condemned	3	2	—	—	7
Carcases of which some part or organ was condemned	113	208	1	—	282
Percentage of the Number inspected affected with Tuberculosis .. ..	10.7	26.4	0.2	—	10.0

**Surrenders of Unsound Meat.  
(SLAUGHTERHOUSES).**

	Cattle excl'ding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
Whole Carcases (including Organs)	3	2	—	2	10	17
Part Carcases ..	4	11	—	4	7	26
Heads .. ..	51	60	1	2	218	332
Lungs .. ..	73	179	1	1	143	397
Livers .. ..	44	60	1	5	116	226
Hearts .. ..	3	5	—	1	110	119
Kidneys .. ..	9	10	2	2	20	43
Spleens .. ..	6	10	—	1	19	36
Omentum .. ..	3	5	—	1	12	21
Stomachs .. ..	5	9	—	1	15	30
Mesenteries .. ..	28	34	1	1	137	201
Udders .. ..	—	22	—	—	4	26



**Causes of Condemnation and Weight**  
(SLAUGHTERHOUSES).

Disease	Cattle excl'ding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
Tuberculosis ..	5112	7119	8	—	5673	17912
Distomatosis ..	132	176	—	4	—	312
Parasitical Cysts ..	40	76	4	8	5	133
Cirrhosis .. ..	—	—	—	—	13	13
Abscesses .. ..	202	133	—	—	—	335
Necrosis .. ..	—	—	—	—	5	5
Mastitis .. ..	—	116	—	—	—	116
Inflammatory Cond.	—	8	6	—	80	94
Bruising and Injury	—	—	—	120	18	138
Dropsy .. ..	—	—	—	6	—	6
Swine Erysipelas ..	—	—	—	—	320	320
Decomposition ..	—	—	—	7	18	25
Fatty Degeneration	—	—	—	4	—	4
Moribund .. ..	—	—	—	90	110	200
	5486	7628	18	239	6242	19613

Total .. Tons      Cwts.      Qrs.      Lbs.  
                    8            15            —          13

**Surrenders of other Foods.**

Cooked Tongues	...	...	...	...	136 lbs.
Jellied Veal	...	...	...	...	54 „
Cooked Ham	...	...	...	...	139 „
Chicken and Ham	...	...	...	...	13 „
Corned Beef	...	...	...	...	69 „
Bacon	...	...	...	...	26 „
Pigs' Feet	...	...	...	...	112 „
Rabbit	...	...	...	...	4½ „
Chicken	...	...	...	...	2½ „
Butter Beans	...	...	...	...	29 „
Carrots	...	...	...	...	560 „
Onions	...	...	...	...	1624 „
Mushrooms	...	...	...	...	21 „
Herrings	...	...	...	...	126 „
Hake	...	...	...	...	½ „

Kippers (6 boxes)	...	...	...	...	84 lbs.
Damsons (12 jars)	...	...	...	...	30 „
Fruit Salad Tinned	...	...	...	...	7 „
Pears	„	...	...	...	55 „
Apricots	„	...	...	...	3 „
Peaches	„	...	...	...	2 „
Pineapples	...	...	„	...	7½ „
Prunes	„	...	...	...	1 „
Blackcurrants	„	...	...	...	29 „
Strawberries	...	„	...	...	63 „
Loganberries	„	...	...	...	24 „
Damsons	„	...	...	...	97½ „
Plums	„	...	...	...	243½ „
Cherries	„	...	...	...	6½ „
Apples...	„	...	...	...	18 „
Tomatoes	„	...	...	...	63 „
Peas	„	...	...	...	20 „
Beetroot	„	...	...	...	1 „
Soup	„	...	...	...	1 „
Cream	„	...	...	...	5 ozs.
Condensed Milk	„	...	...	...	12 lbs.
Crab	„	...	...	...	2 „
Pilchards	„	...	...	...	5 „
Salmon	„	...	...	...	3½ „
Eggs (828)	„	...	...	...	104 „

= 1 ton, 14 cwts., 3 qrs., 7½ lbs.

The following is a record of the inspections made :—

Meat and Food Inspections	...	...	2252
Private Slaughterhouses	...	...	2196
General Food Premises	...	...	293
Bakehouses	...	...	73
Food Preparing Premises	...	...	210
Market Inspections	...	...	177

## (c) Food and Drugs (Adulteration) Act, 1938.

Total number of samples taken ... 60

Milk ... ..	26	Blackcurrant jam ...	2
Butter ... ..	8	Strawberry jam ... ..	1
Margarine ... ..	2	Raspberry jam ... ..	1
Cheshire Cheese ...	6	Plum jam ... ..	1
Lard ... ..	3	Baking Powder ... ..	1
Tea ... ..	6	Coffee ... ..	1
Damson jam ... ..	2		

## Observations.

Three samples of milk were reported upon adversely by the Public Analyst.

Sample No.	Description	Result of Analysis	Remarks
194	Milk T.T.	1.3% added water. 4% deficient in solids not fat	Warning letter sent
201	Milk T. T.	3.8% added water. 3.3% deficient in solids not fat	Warning letter sent
215	Loose Milk	4.3% added water. 5.3% deficient in solids not fat	Prosecution by Stoke-on-Trent Corporation

All the milk samples were reported by the Analyst to be free from preservatives and artificial colouring matter.

Number of approved premises—Wholesale  
dealers in margarine ... .. 5

## Food Poisoning.

During the year nine cases of suspected food poisoning were investigated. Nine samples of food and six samples of urine and faeces taken and submitted to the bacteriologist for examination had negative results. Five blood specimens were examined and the blood of one patient reacted to organisms of the salmonella group. Widespread enquiries did not reveal the pecant food.



### Air Raid Precautions.

The necessity for air raid precautions has imposed still further duties on the local authority and the acceleration of preparations has resulted in an inevitable reduction of normal public health activity. The amount of routine work entailed in organising first-aid posts, auxiliary ambulance facilities, etc., and the training of the cleansing staff personnel in decontamination to serve an ultimately efficient working of the various services has been considerable.

### Conference.

In April a Joint Conference of the Midland Centres of the Institute of Public Cleansing and the Sanitary Inspectors' Association was held at the Municipal Hall and visits to inspect municipal activities of a public health character were made.

## SECTION F.

### Prevalence of, and control over, Infectious and other Diseases.

#### Notifiable Diseases (other than Tuberculosis) during the year 1939.

Table 2 (page —) shows the cases of infectious disease notified during the year.

Table 3 (page —) shows the deaths from notifiable diseases during the year.

#### Tuberculosis.

Table 4 (page —) shows the notifications of and the deaths from tuberculosis during the year.

#### Ophthalmia Neonatorum.

The following table shows particulars relating to cases of ophthalmia neonatorum coming to the notice of the Health Department during the year :—

Cases			Vision unimpaired	Vision impaired	Total Blindness	Deaths
Notified	Treated					
	At Home	In Hospital				
3	3	—	3	—	—	—

Table 2.—Cases of Notifiable Diseases (other than Tuberculosis) notified during 1939.

NOTIFIABLE DISEASES	TOTAL CASES NOTIFIED												Total cases removed to Hospital	Percentage of Cases removed to Hospital	
	AT ALL AGES														
	Under 1	1 and under 2	2 and under 3	3 and under 4	4 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 35	35 and under 45	45 and under 65	65 years and over			
Small-pox .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric-Fever (including Paratyphoid) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Group) .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. .. .	1	3	7	4	2	13	7	2	6	—	2	1	35	100.	..
Puerperal Pyrexia .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	90	90.	..
Pneumonia .. .. .	2	4	1	..	..	7	2	3	11	6	11	6	1	25.*	..
Ophthalmia Neonatorum .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pemphigus Neonatorum .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Encephalitis Lethargica .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro Spinal Fever .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	2	1	..	..	..	..	1	2	..	4	11	3	1	100.	..
Poliomyelitis .. .. .	1	..	..	..	..	..	..	..	..	..	..	..	11	47.8	..
†Measles .. .. .	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
†Whooping Cough .. .. .	1	..	..	..	..	6	..	..	..	..	..	..	..	..	..
Relapsing Fever .. .. .	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..

†Cases notified from 23/10/39

\*Information not available.



Table No. 3.—  
Deaths from Notifiable Diseases (other than Tuberculosis) during 1939.

NOTIFIABLE DISEASES	TOTAL NUMBER OF DEATHS													
	AT ALL AGES	AT ALL AGES												
		Under 1	1 and under 2	2 and under 3	3 and under 4	4 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 35	35 and under 45	45 and under 65	65 years and over	
Diphtheria (including Membranous Croup) ...														
Scarlet Fever ...	1							1						
Enteric Fever ... (including Paratyphoid)														
Puerperal Fever ...														
Ophthalmia Neonatorum														
Pneumonia ...	25	3	2	1	1			1	1		2	4	10	
Cerebro Spinal Fever ...														
Erysipelas ...	1												1	
Whooping Cough ...	3	3												
Measles ...	1	1												



Table 4.—Notification of and Deaths from Tuberculosis.

AGE PERIODS	NEW CASES				DEATHS			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1		1						1
1 and under 5	1		2	3				1
5 and under 15	1	2	2	5				1
15 and under 25	5	8	2	2	2	6		
25 and under 35	12	4		1	4	5		
35 and under 45	4	1	1		2	1		
45 and under 55	5				3	1		
55 and under 65	2	2				2		1
65 and upwards	1				2		1	
TOTAL ... ..	31	18	7	11	13	15	1	4

Of the 33 deaths from tuberculosis 29 or 87.88% had been notified; of the 28 deaths from pulmonary tuberculosis, 24 or 85.71% had been notified. All the 4 deaths from other forms of tuberculosis had been notified.