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Borough of Newcastle - under - Lyme

Annual Report

ON THE

Health of the Borough

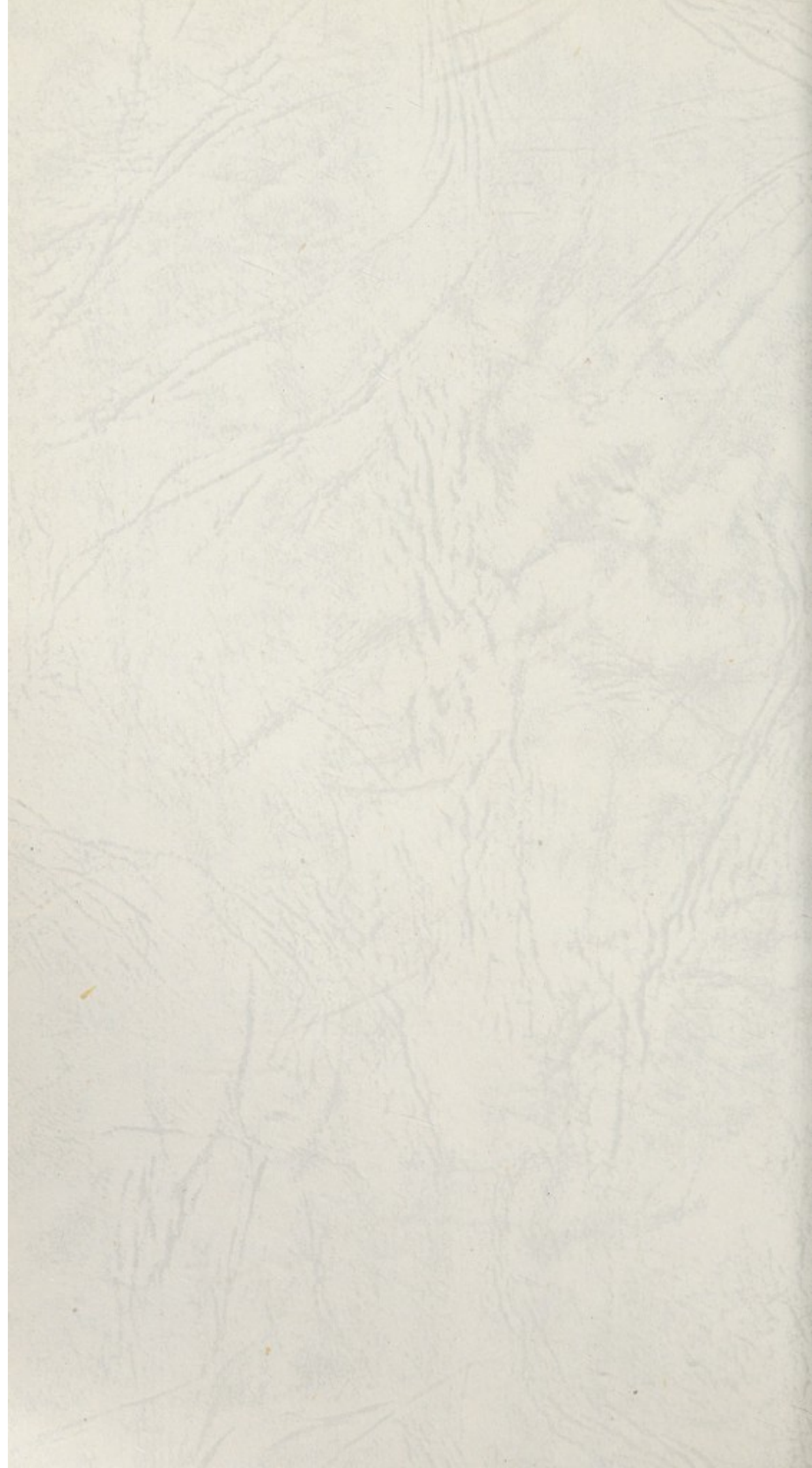
for the Year 1951

BY

JOHN WARRACK, M.B., Ch.B., D.P.H.

Medical Officer of Health

MINISTRY OF HEALTH



Borough of Newcastle - under - Lyme

Annual Report

ON THE


Health of the Borough

for the Year 1951

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BOROUGH OF NEWCASTLE-UNDER-LYME

Public Health Committee

(as at 31st December, 1951).

HIS WORSHIP THE MAYOR (*ex-officio*).

COUNCILLOR W. E. WELSBY (*Chairman*).

COUNCILLOR MISS E. SHAW (*Vice-Chairman*).

ALDERMAN W. EVANSON.

COUNCILLOR J. W. BILLINGTON.

COUNCILLOR S. BILLINGTON.

COUNCILLOR N. F. BRADSHAW.

COUNCILLOR T. BYRNE.

COUNCILLOR A. J. C. DERENZI.

COUNCILLOR T. FORD.

COUNCILLOR H. JENNINGS.

COUNCILLOR MRS. E. JONES.

COUNCILLOR J. F. NIXON.

COUNCILLOR W. NIXON.

COUNCILLOR W. A. POWNER.

COUNCILLOR A. RYLES.

COUNCILLOR C. S. WHALLEY.

PUBLIC HEALTH DEPARTMENT STAFF.

Medical—

JOHN WARRACK, M.B., Ch.B., D.P.H.

Medical Officer of Health and School Medical Officer.

F. J. MURRAY, L.R.C.S. & P.I., D.P.H., L.M. (Dub.).

Deputy Medical Officer of Health and Deputy School Medical Officer.

Sanitary Inspectors—

C. A. WOOD, M.S.I.A., M.Inst.P.C., Cert. Meat Insp.
Chief Sanitary Inspector and Cleansing Superintendent.

T. H. EVANS, M.S.I.A., Cert. Meat Insp.
Deputy Chief Sanitary Inspector and Deputy Cleansing Superintendent.

G. R. HALL, M.S.I.A., A.R.San.I., Cert. Meat Insp.
District Sanitary Inspector.

J. W. MILLINGTON, M.S.I.A., A.R.San.I., Cert. Meat Insp.
District Sanitary Inspector.

E. WARRILLOW, M.S.I.A., A.R.San.I., Cert. Meat Insp.
District Sanitary Inspector.

K. W. WILLANS, M.S.I.A., Cert. Meat Insp.
District Sanitary Inspector.

Consultants—

The Public Analyst is employed on a part-time basis.

A Veterinary Surgeon is available for consultation.

Clerical—

MISS M. E. WHITE, Chief Clerk.

MR. A. GUMBLEY, Wages and Costing Clerk.

MRS. D. WARRILLOW, Senior Shorthand Typist.

MRS. E. PLANT	} General Clerks and Shorthand Typists.
MISS S. KIRKHAM	
MISS Z. M. COOPER	

MR. T. J. TAYLOR, Junior Clerk.

MISS D. ROE, Junior Clerk.

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 1951 is 69,820.

Population according to 1951 Census, 70,028.

The number of inhabited houses at the end of 1951 was 20,267.

Rateable Value, etc.

The rateable value of the Borough is £327,155, and one penny rate in the £ (General Rate) produces £1,269.

Extracts from Vital Statistics for the Year.

	Total	Male	Female	Rate	England & Wales	
Live Births—						
Legitimate	1,038	530	508	15.41	15.5	{ per 1,000 estimated population
Illegitimate	38	24	14			
Stillbirths	30	16	14	0.42	0.36	{ per 1,000 estimated population
				27.03	—	{ per 1,000 total live and still births
Deaths	794	420	374	11.37	12.5	{ per 1,000 estimated population

Deaths and death-rates from puerperal causes :—

	Deaths	Rate per 1000 total live & still births
Pregnancy, Childbirth, Abortion ..	1	.90

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

Total	36.24
Legitimate	33.45
Illegitimate	2.79
Deaths from Cancer (all ages)	116
Deaths from measles (all ages)	1
Deaths from whooping cough (all ages)	2

Table 1.

CAUSES OF DEATH.

CAUSES OF DEATH					Males	Females
ALL CAUSES					420	374
1.	Tuberculosis, respiratory	..	..		13	6
2.	Tuberculosis, other	..	..	..	—	2
3.	Syphilitic disease..	..	..	..	1	1
4.	Diphtheria	..	..	..	—	—
5.	Whooping Cough..	..	..	..	2	—
6.	Meningococcal infections	..	..		—	1
7.	Acute Poliomyelitis	..	..	..	—	—
8.	Measles .. .. .	..	..	..	—	1
9.	Other infective and parasitic diseases ..				2	1
10.	Malignant neoplasm, stomach ..	..	..		12	8
11.	Malignant neoplasm, lung, bronchus ..				14	5
12.	Malignant neoplasm, breast	..	..		—	12
13.	Malignant neoplasm, uterus	..	..		—	6
14.	Other malignant and lymphatic neo- plasms .. .. .	..	..	..	28	31
15.	Leukaemia, aleukaemia	..	..		1	3
16.	Diabetes	..	..	..	4	3
17.	Vascular lesions of nervous system	..			46	55
18.	Coronary disease, angina	..	..		70	41
19.	Hypertension with heart disease	..			7	4
20.	Other heart disease	..	..	..	70	74
21.	Other circulatory disease	..	..		10	9
22.	Influenza	..	..	..	12	15
23.	Pneumonia	..	..	..	10	10
24.	Bronchitis..	..	..	..	26	14
25.	Other diseases of respiratory system	..			16	1
26.	Ulcer of stomach and duodenum	..			3	2
27.	Gastritis, enteritis and diarrhoea	..			—	3
28.	Nephritis and nephrosis	..	..		4	5
29.	Hyperplasia of prostate	..	..		9	—
30.	Pregnancy, childbirth, abortion	..			—	1
31.	Congenital malformations	..	..		8	3
32.	Other defined and ill-defined diseases ..				34	47
33.	Motor vehicle accidents	..	..		4	3
34.	All other accidents	..	..	..	10	5
35.	Suicide	..	..	..	4	2
36.	Homicide and operations of war	..			—	—

Public Health Department,
6, Queen Street,
NEWCASTLE-UNDER-LYME,
Staffs.

1st July, 1952.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF NEWCASTLE-UNDER-LYME.

Mr. Mayor, Ladies and Gentlemen,

I have pleasure in submitting to you a report on the workings of the Public Health Department and on the public health of the Borough for the year 1951.

Fortunately during the year there were no large outbreaks of infectious disease in the Borough although several small outbreaks did occur, namely that of whooping cough during the months of January and February, a sharp outbreak of sonne dysentery which occurred during the middle of March, and a small outbreak of measles which commenced towards the end of April and lasted until the middle of July. The number of cases of scarlet fever showed an increase consistently throughout the whole of the twelve months with the result that 129 cases were notified compared with 83 in the previous year. The figures in relation to the three outbreaks already mentioned will be found in table 3 at the end of this report.

It is gratifying to note that during the year no cases of diphtheria were notified and that only 4 cases of poliomyelitis occurred compared with 10 during 1950. The number of cases of food poisoning notified had also decreased from six in the previous year to one during the year under review. Further particulars regarding this case will be found in Table 2 at the end of this report.

Under the section of the report dealing with statistics, it is worthy of note that the total live birth rate has declined to 15.41 from the previous year's level of 16.10. This new figure now brings the birth rate in the Borough under that for the average for England and Wales.

The death rate conversely has risen, but is well under that

for the rest of the country. The death rate of infants under one year of age per 1,000 live births shows a slight increase for 1951 of 36.25 compared with 36.04 for the previous year. Deaths from cancer have considerably decreased from 116 for the year in question compared with 133 for 1950.

NATIONAL ASSISTANCE ACT, 1948, SECTION 47.

During 1951 only one case was removed under the provisions of the above act. This patient was found to be aged, infirm and suffering from a chronic disease, was unable to provide for and look after herself and relied on a neighbour to attend to her for a short time each day only. An order of the court was issued for the period of three months and the patient was removed to the City General Hospital, Newcastle Road, Stoke-on-Trent. The patient subsequently died after a short period in hospital.

DISINFECTING AND DISINFESTATION.

During the year the need for a disinfecting and disinfestation centre has become more and more obvious especially in view of the fact that no such provision is available in the Borough. In spite of the continued efforts of the Borough Council, no headway has been made towards acquiring the Froghall Cleansing Station for conversion owing to the continued desire of the County Council to use the same building for Civil Defence purposes. The need for such a disinfecting and disinfestation centre was first brought to the notice of the Public Health Committee by me in July, 1950. During 1951 the necessary equipment was placed on order in the hopes that a satisfactory solution would be found for the provision of suitable accommodation. Up to the end of the year, however, no such solution had been forthcoming in spite of a deputation having visited the Home Office on 10th December, 1951, to put the claims of the Borough Council to the Froghall Cleansing Centre before the Home Secretary.

LABORATORY FACILITIES.

Specimens under the Food and Drugs Acts, and the Milk and Cream Regulations are dealt with by the County Laboratory, Stafford. Pathological specimens are sent to the Public Health Laboratory, Martin Street, Stafford. The results of the examinations of the samples and specimens investigated during the year are stated in the appropriate sections.

ATMOSPHERIC POLLUTION.

A record on the rainfall and the pollution of the atmosphere is kept at three sites within the Borough. The following shows

the average rainfall and pollution in tons per square mile for the twelve months of the year :—

Month	Rainfall in inches	Total solids in tons per square mile
January	2.91	14.35
February	2.57	11.58
March	4.07	16.66
April	2.45	14.45
May	2.86	16.01
June	1.93	10.34
July	2.27	11.09
August	5.15	14.31
September	2.79	10.13
October	1.20	12.26
November	7.59	24.79
December	3.60	16.18

As can be seen much has yet to be done to eliminate the gross pollution of the atmosphere in this area.

Considerable improvements have been achieved by many of the manufacturers in the locality but until the ordinary open domestic coal fire is replaced by smokeless burning appliances no marked improvement will be visible.

BOROUGH MORTUARY.

Considerable alterations are required in the Borough Mortuary in order to obviate the damage resulting from dampness and condensation which occurs within the building. These repairs and alterations were authorised by resolution of the April, 1951, meeting of the Public Health Committee.

During 1951 forty-two cases were admitted to the Mortuary which number included four residents from outside the Borough and thirty-five post-mortems.

BURIAL OF DESTITUTE PERSONS.

National Assistance Act, 1948—Section 50.

Under powers conferred on the Borough Council by the above mentioned act, the cost of burial of five destitute persons was borne by the Council during the year.

WATER SUPPLY.

The following information on water supply has been supplied to me by (1) the Chief Sanitary Inspector and by (2) the Engineer and Manager of the Staffordshire Potteries Water Board :—

(1) " The whole of the area is served by a piped supply on the constant system through the Staffordshire Potteries Water Board, the Borough Council being a constituent authority of that Board. Houses in the Apedale area are served by a piped supply previously taken from the Newcastle Rural District Council and appears to be unsatisfactory as regards condition of service main. This matter is receiving attention. Of the 20,248 houses in the Borough which are supplied with water by the Staffordshire Potteries Water Board, all, with the exception of nine which are supplied by two common stand pipes, are served with water direct to the houses. During the year five houses had water supply taken inside over sinks and two were demolished dispensing with two outside stand pipes. Eighteen outlying isolated houses and farm premises derive their water supplies from wells and springs, and in twelve instances where water is not reasonably accessible, the houses involved have been scheduled. The water from one of these wells was found on examination to be of doubtful quality. This well has been cleansed and repaired and the result is under observation."

(2) " The water supplied by the Board to the Newcastle Borough area is derived from three sources, being deep wells and boreholes sunk in the New Red Sandstone. All the water is treated with chlorine, being chloramination at two sources and chlorination at the third.

" During 1951 bacteriological examinations were made of 144 samples ; 50 being of the raw water at the sources and 94 of the treated waters in supply. All were 100% free from Faecal Coli organisms and Clostridium Welchii reactions.

" Nine samples were analysed chemically. The water may be described as moderately hard, of moderate saline and mineral constituents, neutral in reaction and free from metals. The water is not plumbo-solvent and is not softened.

" All the waters were certified by the Board's Chemist as conforming to the highest standards of bacterial purity and organic quality, indicative of water pure, wholesome and suitable for purposes of public and domestic supply.

" The consumption of water for domestic purposes, un-metered trade and waste in the whole of the Board's area of supply for the year 1951 averaged 23.03 gallons per head per day."

The Chief Sanitary Inspector has reported to me as follows :—

DRAINAGE AND SEWERAGE.

The greater part of the district is sewered, one portion on the combined system, the remainder having a separate system for surface water. Portions of the area as yet unsewered include (a) Audley Road (part) and Springwood, (b) High Lane and Black Bank, (c) Ravensdale and (d) Seabridge. The scheme for improving the disposal of sewage from Red Street area has now been implemented. The outstanding conversion of closet accommodation can now be proceeded with.

Seven thousand, five hundred yards of new sewers were laid and two hundred and forty-eight yards relaid during the year. Eight hundred and fifty-six inspections regarding sewers, street gullies, etc., were made and fifty-seven nuisances in connection with complaints were abated.

RIVERS AND STREAMS.

The Lyme Brook flows through the area from north to south and then, having crossed the southern boundary, discharges into the River Trent. This brook, which previously was much polluted, has shown marked improvement in recent years although it still receives some waste water notably from two collieries.

The Fowlea Brook runs in a general direction from north to south on the east side of the area forming for part of its course the eastern boundary of the district. After passing through the City of Stoke-on-Trent it also discharges into the River Trent. This brook receives trade waste from tributary streams entering it from the City, from the Wolstanton Colliery and the Staffordshire Chemical Company Works at Ravensdale and the effluent from the Burslem and Tunstall Sewage Works. This stream is considerably polluted.

Eleven inspections of brooks were made during the year.

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 served by flushed water closets.. ..	19,757
No. of houses served by waste water closets	196
No. of houses served by hand-flushed water closets ..	96
No. of houses and premises served by privies (152) ..	133
No. of houses and premises served by pail closets (90)	71
No. of houses and premises served by standard dustbins	20,265
No. of houses and premises served by ashpits (2) ..	2

Particulars of conversions made during the year :—

Privies converted to water closets	—
Pail closets converted to water closets	—
Waste water closets converted to flushed water closets	13
Hand-flushed closets provided with cisterns ..	1
Privies converted to pail closets	—
Cesspools abolished and drains connected direct to public sewers.. .. .	—
New or additional water closets provided	5
Standard dustbins replaced or provided through the Local Authority	1,070

PUBLIC CLEANSING.

SERVICES :

The following is a summary of the cleansing services performed during the year ending 31st March, 1952 :—

Refuse Collection :—

Number of houses and other premises receiving regular refuse collection service	20,600
Number of premises receiving special trade refuse collection service	256
Average number of ashbins cleansed per week ..	11,500
<small>(The system of alternate weekly refuse collection from dwellings commenced in 1940 still operates in the majority of houses. A separate salvage collection service is maintained).</small>	
Number of separate Waste Food Bins in use ..	750
Average number of privies cleansed per week ..	134
Average number of pail closets cleansed per week	88

Number of cesspools cleansed during the year (excluding work undertaken in the Newcastle Rural District area)	64
Number of ashpits (emptied) still in use	2
Total refuse collected—Dry (estimated)	15,841 tons
Salvage	1,559 „
Wet	850 „
Weight collected per 1,000 population per day (Dry refuse and salvage)	13.66 cwts.

Refuse Disposal :—

Total estimated refuse dealt with at the Disposal Plant or Tips (excluding wet refuse, salvage or covering material)	17,800 tons
(Incineration 5%, Tipped 86%, Salvage 9%)	

Street Cleansing :—

Number of Gullies	5,575
Total number of gully cleansings	20,372
Approximate mileage of streets cleansed daily (including Sunday)	1.05 miles
Approximate mileage of streets cleansed three times weekly	3.25 „
Approximate mileage of streets cleansed twice weekly	7.50 „
Approximate mileage of streets cleansed once weekly	60.68 „
Approximate mileage of streets cleansed less than once weekly	15.78 „
Total miles	88.26

Trunk Road, 4.36 miles. County Roads, 30.68 miles. District Roads, 53.22 miles. Unadopted Roads, 23.18 miles.

The staff employed in these services is as follows :—

	Average
Refuse collection and salvage	59
Refuse disposal	4
Street cleansing	23

In addition to the above there is one cleansing foreman and assistant foreman (all services) and a foreman mechanic and three mechanics for vehicle maintenance.

COSTS :—

The following figures shew the estimated total costs for all services, with salvage income shown separately.

		All Services	Salvage
Expenditure	.. ..	£42,482	£16,612
Income	.. ..	£20,663	
Net Expenditure	.. ..	£21,819	

Public Conveniences :—

The following conveniences are maintained and supervised :—

Newcastle :	Pepper Street	(Males and Females)
„	Marsh Street	(Males and Females)
„	Stubbs Street	Urinal
„	Liverpool Road	Urinal
Wolstanton :	High Street	(Males and Females)
„	Jubilee Road	Urinal
„	Bradwell Lane	(Males and Females) —(under construction)
Silverdale :	Crown Street	(Males)
Knutton :	Cross Roads	Urinal
Chesterton :	Victoria Street	(Males)
„	Dragon Square	(Males and Females)

The arrangement for the public to use facilities provided at a Billiard Hall in George Street in place of conveniences demolished in the locality still continue.

Staff employed :	Males (full-time)	..	3
	„ (part-time)	..	5
	Females (full-time)	..	4
	„ (part-time)	..	2

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	464	1,664	1,178	1,549
Other Nuisances ..	72	22	49	42
Water Supply ..	23	16	17	15
Overcrowding	197	18	17	77
Drains—Inspected	329	81	179	86
Tested	80	11	12	12
Sewers, Street Gullies, etc.	856	34	16	21
Sanitary Accommodation ..	51	12	7	7
Ashes Accommodation ..	1,045	1,070	—	1,070
Accumulations	71	6	11	8
Swine, Fowl or other Animals	47	11	17	10
Rivers Pollutions Acts ..	11	3	4	3
Rats and Mice Infestations (Visits by Inspectors)	1,564	21	2,878	23

Other visits :—

Respecting Infectious Diseases	732
„ Verminous Conditions	102
„ Disinfection	13
„ Schools, Public Buildings, Cinemas, etc.	30
Miscellaneous Visits	1,392
Interviews—owners and tradesmen ..	793

Notices served and complied with.

	Notices served		Notices complied with	
	Prelim.	Statutory	Prelim.	Statutory
P.H.A.—Housing Defects ..	400	63	347	74
Nuisances	21	1	33	—
Smoke Nuisance ..	2	—	3	1
Housing Acts	—	—	1	24
Factories Act	25	—	16	—
Food and Drugs Act ..	22	—	19	—
Byelaws and Local Acts ..	4	—	4	—
Shops Act	2	—	2	—
Prevention of Damage by Pests Act, 1949	4	—	4	—

Inspection of Factories.

(a) Inspections.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	47	23	—	—
Factories not included above in which Section 7 is enforced by the Local Authority	173	113	10	—
Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	21	28	—	—
TOTAL	241	164	10	—

(b) Cases in which defects were found.

Particulars	Number of cases in which defects were :—				No. of cases in which prosecutions were instituted
	Found	Re-medied	Referred to H.M. In-spector	by H.M. In-spector	
Want of Cleanliness (S.1) ..	2	2	—	—	—
Overcrowding (S.2) ..	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4) ..	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary conveniences (S.7)—					
(a) Insufficient	1	1	—	1	—
(b) Unsuitable or defective	7	7	—	5	—
(c) Not separate for sexes ..	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	2	2	—	—	—
TOTAL	12	12	—	6	—

(c) Outworkers premises.

Business carried on	No. of Premises	No. of Visits
Making of Wearing apparel ..	9	2
Furniture and Upholstery ..	2	2
Plastics (make up)	24	—
Watch repairs	1	—
TOTAL	36	4

Rodent Control.

A full-time operator is employed to undertake treatment on all Council and private properties and to give advice generally following receipt of complaint. In addition, systematic treatment is carried out in connection with the fifty-two annual contracts with traders affecting business premises.

Sewer maintenance treatments were carried out during February, July, September and December with an operating squad consisting of an inspector, a rodent operator, two sewer men and the use of a van. A total of 1,461 sewer manholes were inspected and of these 1,016 were baited and 287 showed pre-bait takes. The evidence, as shown from the number of takes, is that infestation is limited to local areas, particularly in the older types of sewers.

Records show the following work undertaken :—

Rat complaints received	..	..	134
Visits made by operator	..	..	3,042
Premises treated	..	..	238
Water-courses treated	..	..	30

Number of rats destroyed :—

(a) Estimated by baits	..	..	1,709	} Total
(b) Caught and trapped	..	..	596	
				2,305

The gross expenditure of rodent control during the year was £472.

Shop Sanitation.

Number of sanitary visits made to shops	22
Number of nuisances or defects found	6
Number of nuisances or defects remedied	6

Offensive Trades.

Number recorded as being within the Borough	19
Fat Melters, etc.	6
Tripe Boilers	8
Rag and Bone Dealers	4
Bone Boiler	1
Number of new offensive trades established	Nil
Number of inspections made	9
Nuisances or defects found	2
Nuisances or defects remedied	2

Common Lodging Houses.

Number of registered houses in use at the end of the year 2

These provide the following accommodation :—

13 Lower Street, Newcastle	..	43 beds (males)
71/73 Lower Street, Newcastle	..	20 beds (males)
Number of inspections made	..	19

Houses Let in Lodgings.

Number of inspections made	..	..	4
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	..	..	32
Number of vans, etc., in possession of owner-occupiers	..	..	32
Number of vans, etc., known to be overcrowded			7
Number of vans, etc., unfit for habitation	..		6
Number of visits and inspections made	..		231
Nuisances or defects found	..	..	4
Nuisances or defects remedied	..	..	4

Smoke Abatement.

Number of recorded observations made	..	13
Number of statutory notices served	..	—
Number of statutory notices complied with	..	1
Premises visited following observations	..	17

Eradication of Bed Bugs.

Particulars of action taken is as follows :—

COUNCIL HOUSES				PRIVATE HOUSES			
Inspections	Infested	De-infested		Inspections	Infested	De-infested	
		HCN	Other Insecticides			HCN	Other Insecticides
28	1	—	7	43	2	—	8

HOUSING.

General.

Housing Census :—

- | | | |
|-----|---|--------|
| (1) | Total number of inhabited houses in the Borough | 20,267 |
| (2) | Number of new houses erected during the year :— | |
| | (a) by Private Enterprise | 8 |
| | (b) by Local Authority | 201 |
| | | } 209 |

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

Inspections :—	Primary	Re-visits
(a) Part 1—Clearance Areas	—	2
(b) Part 2—Section 9—Reconditioning	—	173
Sections 11/12—Demolition or closure	16	85

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) | 416 |
| | (b) Number of inspections made for the purpose | 525 |
| (2) | (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 | 16 |
| | (b) Number of inspections made for the purpose | 16 |
| (3) | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 16 |
| (4) | Number of dwelling-houses (exclusive of those referred to under the preceding subhead) found not to be in all respects reasonably fit for human habitation | 400 |

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	347
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	Nil
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a)	by Owners	24
(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	63
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a)	by Owners	74
(b)	by Local Authority in default of Owners	Nil
(c)	Proceedings under sections 11 and 13 of the Housing Act, 1936, and Section 2 Housing Act, 1949 :—	
(1)	Number of dwelling-houses in respect of which Demolition Orders were made ..	15
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders ..	8
(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	nil
(6)	Number of dwelling-houses where Demolition Order determined	nil

(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 | 1 |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | 1 |

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

The estimated number of cases recorded as legally overcrowded at the end of the year was 164.*

*In the absence of a census it is impossible accurately to assess the present position with regard to overcrowding. Eighteen new cases brought to notice were recorded and seventy-seven removed from register, having been rehoused by the local authority.

INSPECTION AND SUPERVISION OF FOOD.

Record of Inspections and Results.

	Inspections	Re-Inspections	Nuisances or defects	
			Found	Abated
Cowsheds	6	—	—	—
Dairies and Milkshops ..	69	3	2	1
Ice Cream Premises ..	151	13	2	1
Food Preparing Premises ..	187	59	119	82
Bakehouses	44	8	24	22
Slaughterhouses and Butchers Shops	147	7	4	4
General Food Premises ..	426	29	66	48
Meat and Food Inspections	374	2	—	—
Market Inspections	280	—	4	4

(a) **Milk Supply.**

Number of Dairy Farms in the Borough (including 14 Producer/Retailers)	39
Producers of graded milk	8
Number of Retail Purveyors of milk	255
(a) Resident	234
(b) Non-Resident	21

Several of these purveyors distribute both loose and bottled milk, but of the resident purveyors, 203 retail bottled milk only.

Number of Dairy Milkshops	17
-----------------------------------	----

Twenty-seven retail purveyors hold licences for the sale of graded milk. The following licences in connection with such grades were issued during the year :—

Tuberculin Tested	27
Accredited	—
Pasteurised	43

Four bottling licences were issued during the year :—

Tuberculin Tested	2
Accredited	—
Pasteurised	2

Two premises are licensed as pasteurising plants.

Number of Ice Cream premises registered under Private Act :—

Sale only	114	}	144
Manufacture and Sale	30		

Bacteriological Samples.

Type	No. Submitted	No. failed Cleanliness Test	Examined for T.B.	
			No. Submitted	No. Positive
MILK :				
(a) Heat Treated	*82	3	13	Nil
(b) Ordinary	3	1	3	Nil
Ice Cream and Lollipops	35	8	Nil	Nil

*All except three samples passed Heat-treatment Test.

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

Number of butchers' shops registered under Private Act (including Market Stalls) 84

Number of Preserved Food preparing premises registered (including Fish Fryers, 43) .. 96

There is no public slaughter-house in the Borough, and all slaughtering of animals for this area is undertaken in the City of Stoke-on-Trent area. Local inspectors assist at inspections. Number of rota visits undertaken 84. There are 7 registered and 5 licensed slaughter-houses in the Borough, the use of which has been suspended since 1939, except that five of these are occasionally used for slaughter of pigs for home consumption.

The number of men licensed to slaughter animals in accordance with the Slaughter of Animals Act, 1933, is 32.

Carcases Inspected and Condemned.

	Cattle exclud'g Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Killed (if known)	—	—	—	5	196
Number inspected	—	—	—	5	196
ALL DISEASES EXCEPT TUBERCULOSIS Whole Carcases Condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	17
Percentage of the number inspected affected with disease other than tuber- culosis	—	—	—	—	8.7%
TUBERCULOSIS ONLY Whole Carcases Condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	25
Percentage of the number inspected affected with tuberculosis	—	—	—	—	12.7%

Total weight condemned, 4 cwts. 81 lbs.

Surrenders of Other Food.

	lbs.
Cereals	163
Cooked meats and sausages	199
Bacon and ham	191
Fish and shellfish	111
Butter, margarine and cooking fats	2
Cheese	355
Cake and biscuits	369
Pickles and sauces	1,572
Meat and fish pastes	10
Packet powders	75
Preserves and fruit pulp	166
Dried fruits	101
Tinned meat	5,470
Tinned fish	242
Tinned vegetables	1,188
Tinned milk	1,376
Tinned soup	550
Tinned fruit and fruit juices	5,997
Sugar	135
Fresh vegetables	224
Cordials	17
Fresh fruit	728

Food and Drugs Act, 1938.

Total number of samples taken, 180.

Milk	119	Bicarbonate of Soda	1
Castor oil	2	Zinc ointment	1
Gravy browning	1	Dripping	1
Liquid paraffin	2	Golden raising powder	2
Vanilla flavouring	1	Blackcurrant jam	1
Self raising flour	2	Beef sausage	1
Almond flavour	1	Tongue paste	2
Strawberry flavour	1	Olive oil	3
Cochineal	1	Mincemeat	1
Sulphur tablets	2	Coffee	1
Aspirins	2	Malt vinegar	1
Fish paste	2	Corn flour	1
Saccharin tablets	1	Flowers of sulphur	1
Strawberry and Goose- berry Jam	1	Glauber salts	2
Jellies	7	Indian brandy	1
Cake flour	1	Glycerine	1
Tomato soup	1	Sauce	1
Meat paste	4	Sponge mixture	1
Baking powder	1	Tea	1
Pepper	1	Epsom salts	3

Observations.

Three samples were adversely reported upon by the Public Analyst.

Sample No.	Description	Result of Analysis	Remarks
549 Informal	Baking Powder	Genuine but incorrect statement of ingredients on label.	Letter to manufacturers and label amended.
560 Formal	Milk	10% deficient in fat.	Letter of warning to vendor.
641 Informal	Glauber Salts	Owing to loss of moisture contained an excess of Glauber Salts.	Formal sample satisfactory and retailer instructed as to storage.

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

Number of approved premises :—

Wholesale dealers in margarine 5

In concluding this my second annual report to you, I once again wish to express my appreciation of the interest taken in the work of the department and in matters affecting the public health of the Borough by all members of the Council.

I also wish to place on record my thanks for the continued co-operation which I have received from the other Officials and my gratitude for the continued support from the Sanitary Inspectors and clerical staff of the Department.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

JOHN WARRACK.

Table 2.—Food Poisoning.

The following table shows the position regarding the one instance of food poisoning that occurred in the Borough during the year :—

Total No. of Out- breaks	Number of Cases	Number of Deaths	Organisms or other agents responsible with number of outbreaks of each	Foods involved with number of outbreaks of each
1	1	—	Salmonella Typhi-Murium	Unknown

Table 3.—Cases of Notifiable Diseases (other than Tuberculosis) notified during 1951.
(Civilians only).

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 65	65 years and over			
Small-pox	4	—	—	—	—	2	—	1	—	—	—	2	50	—
Enteric Fever (including Paratyphoid)	129	22	—	53	—	39	7	—	1	—	—	92	71·31	—
Diphtheria (including Membranous Croup)	2	1	1	—	3	—	1	—	2	14	1	2	100	—
Scarlet Fever	27	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pemphigus Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	1	—	—	—	—	—	—	—	—	—	—	1	100	—
Cerebro Spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis and Polio-Encephalitis	4	1	—	—	—	2	1	—	—	1	1	4	100	—
Measles	218	28	30	36	43	68	2	—	—	—	—	—	—	—
Whooping Cough	192	22	38	27	29	58	4	—	2	—	—	—	—	—
Dysentery	40	4	5	4	3	6	5	1	5	3	2	2	5	—
Food Poisoning	1	—	—	—	—	—	—	—	—	—	—	—	—	—

* Information not available.

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)	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Infective and Parasitic Diseases ..	3	1	—	—	—	—	—	—	—	—	2	—	—
Pregnancy, Childbirth, Abortion	1	—	—	—	—	—	—	—	1	—	—	—	—
Meningococcal Infections ..	1	1	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	20	3	—	—	—	—	—	—	—	—	1	16	—
Whooping Cough ..	2	1	—	1	—	—	—	—	—	—	—	—	—
Measles	1	—	1	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 5.—Notification of and Deaths from Tuberculosis during 1951.

AGE PERIODS	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1 and under 5	—	1	1	—	—	—	—	1
5 and under 15	2	6	—	—	—	—	—	—
15 and under 25	5	10	1	2	—	—	—	—
25 and under 35	7	7	1	—	1	1	—	—
35 and under 45	6	6	—	—	1	—	—	—
45 and under 55	7	1	—	—	3	—	—	—
55 and under 65	7	3	—	—	3	3	—	1
65 and upwards	4	—	—	—	5	2	—	—
TOTAL	38	34	3	2	13	6	—	2



