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Contributors

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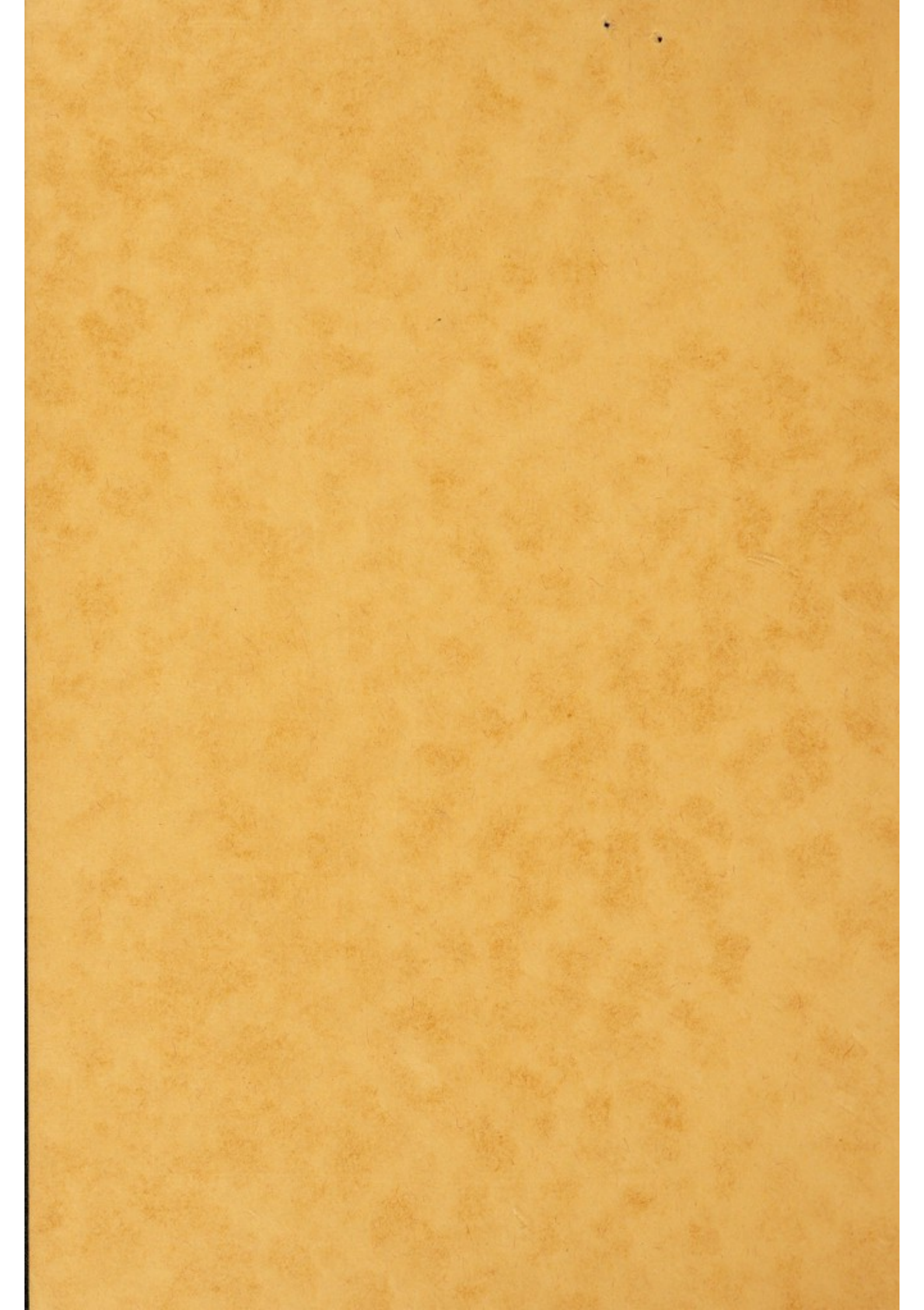


BOROUGH OF WORKSOP
1938

ANNUAL REPORT

of the
MEDICAL OFFICER OF HEALTH
T. C. GARRETT, M.B., C.M.

including the REPORT of the
CHIEF SANITARY INSPECTOR
T. H. MILLAR, M.R.San.I., A.M.Inst.P.C.



REPORT FOR THE YEAR 1938.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF WORKSOP.

Gentlemen,

I beg to submit my Annual Report on the Health and
Sanitary Conditions of the District for the year 1938, with the Report
of the Chief Sanitary Inspector.

I have the honour to be,

Your obedient Servant,

T.C. GARRETT,

Medical Officer of Health.

July, 1939.

B O R O U G H O F W O R K S O P

MAYOR

Alderman J.Gabbitas, Esq., C.C.

HEALTH AND SEWERAGE COMMITTEE.

Chairman: Alderman J.H.Saxton

Vice-Chairman: Alderman J.Gabbitas

Aldermen H.Hartland and G.H.M.Turner, and Councillors G.Allison, J.I. Allison, W.H.Curr, E.W.Darwin, G. Fern, E. Harris, G. H. Haslam, E.J. Hewitt and W.E.Woddward

HOUSING COMMITTEE

Chairman: Alderman J. Gabbitas

Vice-Chairman: Councillor W. H. Curr

Alderman J. H. Saxton and Councillors J. I. Allison, E.W.Darwin, G. Fern E. Harris, G. H. Harris, G.H.Haslam and E.J.Hewitt.

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman: Councillor G. Fern

Vice-Chairman: Alderman J.H.Saxton

Alderman H. Hartland, and Councillors W.H.Curr, H. Hardy, E. Harris G.H Harris, G. H. Haslam and A.E.Stone.

CO-OPTED MEMBERS

The Mayoress, Mesdames G. Fern, H. Hartland, J. H. Saxton and A.N.Schofield.

REPRESENTATIVES TO THE NORTH NOTTINGHAMSHIRE JOINT HOSPITAL BOARD

Alderman H. Hartland, and Councillors W. H. Curr, J.W.Porter, J.H.Shardlow and A.E.Stone.

REPRESENTATIVES TO THE NORTH NOTTINGHAMSHIRE JOINT SMALL POX HOSPITAL BOARD

Alderman H. Hartland and Councillor W.H.Curr

PUBLIC HEALTH STAFF

Medical Officer of Health (part-time). Medical Superintendent, Child Welfare and Ante-Natal Clinic: * T. C. Garrett, M.B., C.M.

Medical Officer, Ante-natal Clinic: H.T.Tait, M.B., Ch.B., D.C.O.G., M.M.S.A.

Consultant, Ante-natal Clinic: H. J. Malkin, M.D. (London), F.R.C.S. (Edin.), F.C.O.G.

Chief Sanitary Inspector and Cleansing Superintendent:

* * T.H.Millar, M.R.San.I., A.M.Inst.P.C.

Additional Sanitary Inspector: a * C. Turberfield.

Veterinary Surgeon (part-time): T. Bowett, M.R.C.V.S.

Health Visitors: / Miss J. I. Pennington, S.R.N., S.C.M.

b * Miss O. L. Evans-Hemmings, S.R.N., S.C.M.

Clerks: W. H. Harris, P. G. Burton and R. G. Booth.

Clerk: (M. & C. W. Clinic): Miss J. Gardner.

* Contribution to salary is made under the Exchequer Grants.

* Royal Sanitary Institute and Victoria University Certificates as Sanitary Inspector and Meat and other Foods Inspector.

a Certificate of the Royal Sanitary Institute and Sanitary Inspectors' Examination Joint Board.

/ Royal Sanitary Institute, Certificate Sanitary Inspector.

b Royal Sanitary Institute, Certificate Health Visitor.

R E P O R T

of the Medical Officer of Health for the Year 1938

GENERAL STATISTICS

Area in Acres: 17,935
 Registrar-General's estimate of resident population mid-1938 : 27,890
 Population at census 1931: 26,286
 Number of inhabited houses (end of 1938) according to rate books: 7,259
 Rateable value: £148,382.
 Sum represented by a penny rate: £570.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	<u>Total</u>	<u>Males</u>	<u>Females</u>	Rate per 1,000 of population.
Live births (Legitimate)	427	221	206	
(Illegitimate)	14	9	5	
	<u>441</u>	<u>230</u>	<u>211</u>	15.81
				Rate per 1,000 total (live and still) births.
Still Births	10	5	5	22.1
				Rate per 1,000 of population.
Deaths	302	148	154	10.8
				Rate per 1,000 (live and still) births
<u>Deaths from Puerperal Causes</u>				
Puerperal Sepsis	....		0	
Other Puerperal Causes	....		2	4.4
<u>Death rate of infants under one year of age:</u>				
All infants per 1,000 live births	....			49.8
Legitimate infants per 1,000 legitimate live births				46.8
Illegitimate infants per 1,000 illegitimate live births	....		....	143
Deaths from Cancer (all ages)	...		....	35
" " Measles (all ages)	...		....	0
" " Whooping Cough (all ages)			....	0
" " Diarrhoea	...		....	2
(under 2 years of age)				

POPULATION.

The estimated population of the Borough given by the Registrar-General for the middle of 1938 was 27,890, giving an increase of 90 only on the previous year. The natural increase of Births over Deaths in the year is 139.

BIRTHS.

Four hundred and forty one live births were registered in the Borough in 1938 - 230 males and 211 females. The birth rate was 15.8 per 1,000 population as compared with a rate of 16.1 in the previous year and 17.6 in 1936. Still births numbered 10 (20 in 1937). The rate per 1,000 of population was 0.3 and the rate per 1,000 total (live and still) births was 22. The illegitimate births in the year numbered 14. The Birth Rate for England and Wales was, for live births 15.1 and for still births 0.60 per 1,000 population.

DEATHS.

The deaths registered during the year, corrected for inward and outward transfers numbered 302 (148 males and 154 females) as compared with 262 in the previous year. The crude death rate per 1,000 of population was 10.8 (9.4 in 1937). Using the Areal Comparability Factor for the district (1.14) the corrected death rate was 12.3. The rate for England and Wales was 11.6.

The table on page 5 gives causes of all residents deaths in the year. Deaths from organic Heart Disease numbered 63, from other circulatory diseases 22, and from Cerebral Haemorrhage 19, making altogether 104 or 34 per cent of the total deaths. Deaths from Cancer numbered 35. Deaths from Influenza numbered 8 as compared with 14 in 1937. 24 deaths were due to Tuberculosis. Of these 16 were pulmonary and 8 Non-Pulmonary. Deaths from Respiratory Disease (Bronchitis and Pneumonia) numbered 30.

There were no deaths in the year from the ordinary Infectious diseases. Deaths among infants under 1 year numbered 22 (23 in 1937). The death rate among infants per 1,000 live births was 49. The rate in the previous two years was 48 in 1937 and 59 in 1936. The corresponding rate for the year for all England and Wales was 53.

Maternal Deaths.

Two deaths occurred in the year in consequence of child birth. One from accidental haemorrhage and one from Eclampsia. Both cases received hospital treatment.

The maternal mortality rate per 1,000 live and still births was 4.4.

The rate for England and Wales was 2.97.

BOROUGH OF WORKSOP

Causes of Death, 1938.

Causes of Death	Males	Females	Total
Influenza	6	2	8
Tuberculosis of Respiratory System	7	9	16
Other Tuberculosis ...	2	1	3
General Paralysis of Insane	1	-	1
Cancer	15	20	35
Diabetes	1	3	4
Cerebral Haemorrhage ...	8	11	19
Heart Disease	29	34	63
Anæmia	1	-	1
Other Circulatory Diseases	11	11	22
Bronchitis	3	5	8
Pneumonia (all forms) ...	11	10	21
Other Respiratory Diseases	1	-	1
Peptic Ulcer	1	1	2
Diarrhoea (under 2 years) ...	2	-	2
Appendicitis	3	-	3
Cirrhosis of liver ...	1	-	1
Other Liver diseases ...	-	1	1
Other digestive diseases ...	6	6	12
Nephritis	7	7	14
Puerperal Diseases ...	-	2	2
(other than Sepsis)			
Congenital Debility, Premature Birth etc. ...	6	5	11
Senility	2	12	14
Suicide	2	1	3
Other violence	10	1	11
Other defined diseases ...	12	12	24
	148	154	302

BOROUGH OF WORKSOP

Deaths in Infants under 1 year of age during 1938.										
	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under one year	Total under one year
Pneumonia						2		1	1	4
Bronchitis							1	2		3
Congenital Deformity	2		1	1	4	1				5
Debility } Premature Birth } Marasmus }	1	1	1		3	1				4
Convulsions							1			1
Enteritis								1		1
Erysipelas								1		1
Tubercular Meningitis									1	1
Other Causes	1		1		2					2
	4	1	3	1	9	4	2	5	2	22

1938. VITAL STATISTICS

COMPARATIVE RATES

Causes of Death	Annual Rate per 1,000 of population			Death Rate per 1,000 Live Births		Notifications Rates per 1,000 population	
	Live Births	Still Births	Deaths all Causes	Diarrhoea & Enteritis under two years	Total deaths under 1 year	Scarlet Fever	Diphtheria
England and Wales	15.1	0.60	11.6	5.5	53	2.41	1.58
126 County Boroughs and Great Towns including London	15.0	0.65	11.7	7.8	57	2.60	1.85
148 Smaller Towns (popul- ation 25,000 - 50,000)	15.4	0.60	11.0	3.6	51	2.58	1.53
London (Administrat- ive County)	13.4	0.48	11.4	13.1	57	2.05	1.90
W O R K S O P	15.8	0.3	10.8 (crude rate)	4.5	49	0.71	1.11

doi:10.1371/journal.pone.0142142.g002

Number of Births notified in the area during the year, under the Notification of Births Act, 1907:-

Live Births, 455. Still Births, 7. Total, 462.
Notified by Midwives, 421. By Doctors and Parents, 41.

Number of Health Visitors employed at the end of the year, 2.

Number of visits paid during the year by Health Visitors:-

To expectant mothers - First visits,	115
Total visits,	196
To children under 1 year - First visits,	455
Total visits,	2210
To children between ages of 1 and 5 years.	
Total visits,	4157

Number of centres provided and maintained by the Council, 1.

Total number of attendances at the Centre during the year:-

by children under 1 year of age, 4448
by children between ages of 1 and 5 yrs. 1318

Total number of children who first attended the centre during the year and who were on the date of their first attendance: -

under one year of age,	301
between ages of 1 and 5 years,	67

Total number of children under 5 years who attended the centre during the year, and who, at the end of the year were:-

under 1 year of age,	250
over 1 year of age,	472

Percentage of notified births represented by the number of children under 1 year who first attended the centre in the year, '66

The percentage of notified births attending the centre in the previous year was 51, and in 1936 was 41.

Medical Consultations in the year (for Infants and Toddlers)
numbered 899.

Ante-Natal and Post-natal Clinics.

Number of Clinics provided and maintained by the Council, 1

Sessions, ordinary sessions, weekly, on Thursdays at 2 p.m.

Consultant's sessions - monthly, or as circumstances require.

Arrangements have now been made for Post-natal cases, referred by medical men or midwives, to be seen by the Consultant on his clinic days, until such time as the number of cases justifies the holding of a special session.

Total number of attendances at the clinic in the year, 718

Total number of women who attended the clinic in the year, 240

Percentage of total notified births (live and still) represented by the number of women who attended the clinic in the year, 52

It is pleasing to record the helpful co-operation and interest taken by all the midwives in the work of the Ante-natal clinic. They attend with their own cases, where they obtain the personal help and advice of the Medical Officer in the supervision of their cases before confinement, and are advised to persuade mothers to attend for post-natal examination where this is considered necessary.

In the year 6 midwives attended 119 clinics and recommended 208 new cases. The result of this co-operation is seen in the increased number of expectant mothers who attended during the year, namely 52 per cent.

The percentage in the previous year was 43 and for 1936, 31.

By arrangement with the Electricity Committee, lectures, demonstrations and the exhibition of short films on health topics were given on clinic days, by the Council's Electricity and Cookery Demonstrator, for Expectant and Nursing mothers attending the Clinic. These meetings have proved attractive and instructive, and were well attended.

Supply of Milk and Food.

Expectant and Nursing mothers attending the clinic are allowed free milk or other necessities, on the written recommendation of the Medical Officer, when he considers that extra nourishment is necessary as part of their treatment.

Children under 5 years:

Free milk (liquid or dried), cod liver oil, Virol, etc. are allowed for children when the family income is below a certain figure, approved by the Committee. Ailing infants and children are given special milk and other foods suitable for their condition.

Dried milk is sold at cost price, or at less than cost to necessitous cases, approved by the Medical Officer.

Total quantity of milk supplied free during the year, to expectant and nursing mothers, and young children:-

Liquid milk, 618 $\frac{3}{4}$ gallons.
Dried milk, 2,231 lbs.

Ante-Natal Services.

Hospital Accommodation - Maternity cases.

Complicated cases, and cases where the home conditions are unsuitable are now admitted, by arrangement, to the Victoria Hospital and the County Hospital, at fixed charges for maintenance, which are paid by the Council.

Number of cases treated:-

Victoria Hospital	...	...	23
County Hospital	...	...	5

Dental Treatment.

In the year, 50 expectant mothers were recommended by the Medical Officer and received free Dental treatment, under the arrangement made by the Committee with Dental Practitioners in the District, who are paid on the scale in operation under the National Health Insurance Act.

Your Committee have now decided that for the future, before such dental treatment is sanctioned, a full estimate of the cost of treatment and if necessary, dentures, must be submitted by the dentist, and all patients will be asked to contribute part or the whole of the cost, according to their circumstances.

Provision of Dentures.

Six mothers attending the clinic received new dentures at a cost of £33. In each case attempts are being made to recover (by instalments) the whole or part of the cost.

Maternity Outfits.

Maternity outfits are provided for expectant mothers attending the clinic, and are sold at cost price, or given free or at less than cost, in necessitous cases.

Number of outfits sold	...	...	1
Number of outfits issued free of charge	...	...	10

Specimen outfits are on exhibition at the Welfare Centre.

Home Helps.

A scheme has been sanctioned by the Committee for the provision of home helps for mothers requiring assistance during the period

of their confinement, the service to be under the direction of the Health Visitors.

Great difficulty has been experienced in finding the proper kind of persons to carry out this work.

During the year two such helps were provided.

Midwives.

Five County Midwives have been allocated to the Borough under the Act of 1936. They are all resident in the Town and are under the supervision of the County Council.

One private midwife continues to practice in the town and neighbourhood.

Consultant Service.

Number of consultations with private practitioners, at patient's own home, 3.

Child Welfare Clinic.

The ordinary session for infants is held on Wednesday afternoons from 2 p.m. to 5 p.m. During the latter part of the year a second weekly session was arranged, to be held on Monday afternoons when mothers are encouraged to bring their older children for weighing and medical inspection.

Dental Treatment.

During the year 62 children under 5 years received free dental treatment at 10 sessions, at a cost of £42.

Tonsils and Adenoids.

The arrangement with the Victoria Hospital is still in operation. Children of pre-school age referred from the clinic for operation, are admitted at a fee of £1. 11s. 6d.

Ophthalmia.

Notified cases are visited by our Health Visitors, who continue their visits and treatment, either at their own homes or at the clinic until recovery.

Number of cases treated in the year, 3.

Other cases of Eye disease requiring special treatment are referred, by arrangement, to the Specialist attending the Hospital.

Orthopaedic Treatment.

Children in the district requiring orthopaedic treatment are admitted to Harlow Wood Hospital, and if recommended by the Committee, the maintenance charges are paid by the Council. Cases suffering from minor deformities can be referred to the clinic of the Worksop Branch, Nottinghamshire Cripples Guild, held at our Child Welfare Centre, and receive treatment under the visiting surgeon and nurses.

During the year 34 children were treated.

Number of attendances, 195.

The Council contributes £25. a year to the Guild.

Child Life Protection.

Number of persons who were receiving children for reward,	3
Number of children at the end of the year,	3
Number of children who died during the year,	0
Number of Child Protection Visitors, who were Health Visitors,	1

GENERAL PROVISION OF

HEALTH SERVICES IN THE AREA.

These remain as recorded in detail in my Report 1934, with the following additions: -

Child Welfare Clinic.

2 sessions weekly. Monday 2 p.m. to 5 p.m. for older children.
Wednesday 2 p.m. to 5 p.m. for Infants.

Ante-Natal Clinic.

1 session weekly. Thursday 2 p.m. to 5 p.m.
1 Consultant's session. Monthly.

Arrangements have been made for: -

Post-Natal examinations on Consultant's clinic days.

Provision of Artificial Dentures for expectant and nursing mothers.

Provision of Home Helps.

Increased Accommodation (4 beds) in the Victoria Hospital for abnormal maternity cases.

The Health Committee keep in stock, cylinders of oxygen for the use of local Practitioners in emergencies.

Ambulance Facilities.

i. Infectious cases.

(a) A modern Motor ambulance is maintained by the North Notts. Joint Hospital Board, and is housed at the Fever Hospital, Carlton.

The ambulance serves the four Districts of the Board, viz. Worksop Borough, Worksop Rural District, Retford Borough and Retford Rural District.

(b) A motor ambulance is housed at the Small Pox Hospital, Worksop, maintained by the North Notts. Joint Small Pox Hospital Board to serve the six districts for removal of Small Pox patients, viz. Worksop Borough, Worksop Rural District, Retford Borough, Retford Rural District, Warsop Urban District and Mansfield Woodhouse Urban District.

ii. For non-Infectious and accident cases.

Two Motor Ambulances, the property of the St. John Ambulance Brigade (Worksop Division) are available for transport of cases of illness or accident within the Borough or long distance transport is undertaken by arrangement with the Transport Officer.

The Borough Council contributes £100. per year to the Brigade.

Three Collieries in the neighbourhood, whose employees are members of the Hospital contributory scheme, maintain motor Ambulances, for the transport of cases of accident or illness.

SANITARY CIRCUMSTANCES OF THE AREA.

W A T E R

The water supply from the Council's well at Sunnyside continues to give an ample quantity, for all requirements in the area of piped supply, and the quality continues uniformly good (except for an excess of hardness) as indicated by the analyses, Chemical and Bacteriological, given below.

A scheme for softening the whole of the public water supply from Sunnyside Pumping Station has been approved by the Ministry of Health, and the plant house is now in course of erection.

The supply will be softened to 7 degrees gradually, so that the change will not affect consumers, or water mains and services, adversely.

The following extensions were made in the year:-

2 inch mains	...	...	...	27 yards.
3 inch mains	...	...	...	795 yards.
4 inch mains	...	...	...	384 yards.
5 inch mains	...	...	...	6 yards.
6 inch mains	...	...	...	160 yards.
8 inch mains	...	...	...	380 yards.

New hydrants - 20.

The average monthly supply within the Borough was 19,399,916 gallons.

The average monthly supply to Worksop Rural District was 3,011,750 gallons.

Chemical analysis of the water was made once in the year and one Bacteriological Report every three months.

Copy of recent Certificate of Analysis, Worksop Town Supply:-

(i) Chemical Analysis.

Physical Characters:

Reaction:	Alkaline.
Colour in 2 ft. stratum:	Clear pale blue.
Suspended matters:	Nil.
Odour when warmed to 37°C:	Nil.

Chemical Characters:

	<u>Parts per</u> <u>100,000</u>	<u>Grains per</u> <u>gallon.</u>
Total solids dried at 100°C.	60.0	42.0
Loss on ignition (after re-carbonating)	19.5	13.65
Chlorine in Chlorides	4.9	3.43
Chlorine x 1.647 = Sodium Chloride	8.07	5.65
Nitrites	Nil	
Albuminoid Ammonia	0.0044	0.0031
Oxygen absorbed in 3 hrs. at 37°C.	0.023	0.016
Hardness - Total	41.0	28.5
" - Temporary	12.0	8.5
" - Permanent	29.0	20.0
Poisonous metals - Lead)		
" " - Copper)	Nil	

Remarks: From a consideration of the above data, no exception can be taken to the use of this water for domestic purposes, upon Chemical grounds.

(2) Bacteriological Report.Quantitative Enumeration of Bacteria.

On Agar Plates, kept for two days at 37°C.	2 colonies per 1 c.c. developed.
On Agar Plates, kept for four days at 20° - 22°C.	10 colonies per 1 c.c. developed.

Examination for Special Bacteria.

Coliform bacilli	...	...	...	...	absent in 100 c.c.
Streptococci	...	...	...	...	absent in 100 c.c.
B. Enteritidis Sporogenes	...	...	...	...	absent in 50 c.c.

Result of Examination: From a consideration of the data, no exception can be taken to the use of this water for domestic purposes upon bacteriological grounds.

DRAINAGE AND SEWERAGE.

The following extensions have been made during the year:-

				<u>Surface Water.</u>	<u>Foul Water.</u>
9 inch sewers	...	...	...	550 yards	550 yards
12 inch sewers	...	...	...	10 yards	
15 inch sewers	...	...	...	327 yards	
36 inch sewers	...	...	...	176 yards	
42 inch sewers	...	...	...	246 yards	

The two electrically operated Verticalspindle pumps which were installed temporarily at the pumping station at Bracebridge are giving satisfactory service.

In view of the increased expenditure on Air Raid Precautions and other services it is unlikely that the proposed new Sewage disposal Works at Manton will be constructed in the immediate future.

A scheme for draining the low-lying land between Woodend and Sandy Lane has been approved for loan by the Ministry of Health, and the work is now in progress.

Rhodesia Disposal Works, which takes the sewage from the villages of Shireoaks and Rhodesia, continue to give satisfactory service. The effluent is examined at frequent intervals by Officers of the County Council and is invariably classified as "good".

PUBLIC BATHS.

No improvements or extensions have been carried out in the year. The filtration and chlorinating plant continues to work satisfactorily. Frequent observations are made of the chlorine content of the water.

CLOSET ACCOMMODATION.

Privies abolished during the year	...	20
Privies abolished since 1921	...	1,581
Privies still in use at end of 1938	...	259
New water closets	... ..	178
Water closets substituted for		188
Privies	...	9
Water closets substituted for Pails	1)	
Total water closets in use	... ..	8,335

PUBLIC CLEANSING.

House and trade refuse of the Town is disposed of by tipping in layers, in a disused sand quarry in Blyth Road. The whole of this material is now collected in modern motor covered-in vehicles.

The house refuse of the village of Rhodesia is tipped on a low lying piece of ground near the village.

During the year the Council purchased a new Dennis 750 gallon cesspool emptier, with interchangeable 10 cubic yard side-loading refuse collecting body.

There are still 37 cesspools in the district, in situations which

are not accessible to sewers. With the modern vehicle a better and more regular service is possible. The cesspools are now emptied monthly, and in some cases at more frequent intervals.

Details of the scavenging work will be found in the Inspector's Report.

HOUSING.

Number of houses erected during the year:-

By the Local Authority	...	54
By private persons	...	93

16 of the Council houses were provided to re-house persons from condemned property and 38 were bungalows for aged persons.

Number of representations made to the Council	...	38
Number of houses demolished	... ..	28
Number of undertakings to recondition accepted	...	29
Number of houses made fit in accordance with undertakings accepted by the Council	... ..	27

The 257 unfit houses, scheduled under the five years scheme were dealt with by March 1938. In addition to this a small number of old houses remain to be dealt with under the Housing Act, 1936.

Overcrowding.

At the end of the year there were 39 houses overcrowded, involving 40 families and 338 persons.

Number of new cases of overcrowding reported in the year	...	1
Number of cases of overcrowding relieved in the year	...	7
Number of persons concerned in such cases	... ..	49

For the relief of overcrowding, it is proposed to build 10 new houses - 4 of four-bedroom (large) type, 4 of five-bedroom (normal) type, and 2 of five-bedroom (large) type.

Tents, Vans, etc.

Number of vans in the district - January 1st 1938	...	10
Number of vans in the district - December 31st 1938	...	3
Number of complaints received in the year	... ..	4
Number of inspections made	... ..	35
Unsatisfactory conditions found	... ..	5
Unsatisfactory conditions remedied	... ..	4

Full particulars of housing inspections will be found in the Sanitary Inspector's Report.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

Number of cowsheds in the district	...	38
Average number of milk cows kept	...	234

		<u>Defects</u>	
		<u>Inspections.</u>	<u>Found. Remedied.</u>
Number of registered Producers, 26		65	14 12
Number of registered Retail Purveyors,	94	103	5 5

All these premises were inspected at various times throughout the year by the Sanitary Inspector, and generally the conditions in and about the sheds show little cause for complaint. At one farm a new Dairy and wash-house for utensils was constructed and the cowsheds brought up to standard.

Samples of milk examined.

By Methylene Blue test,	21	...	satisfactory,	16
			unsatisfactory,	5
For Tubercle bacilli,	15	...	negative,	11
			positive,	4
For Tubercle bacilli	3	...	negative,	3
(Pasteurised Milk),			positive,	0
For Bacterial Content	3	...	satisfactory,	3
(Pasteurised Milk),			unsatisfactory,	0

The following report has been kindly supplied by the Council's Veterinary Inspector:-

"I am pleased to submit my report on the inspections of the Registered Dairy Herds (non-accredited) in the Borough during the past year ending March 31st, 1939.

The majority of the cows have been kept in good milking condition and satisfactorily clean, though attention has been called on occasions to the necessity of cleanliness.

There have been some cases of Mastitis and a few cows with retained placenta, when in consequence, isolation has been carried out until recovery.

The Biological examinations of the milks gave four positive samples.

Two of the herds involved had, immediately before my visit, been inspected by one of the County's Ministry Inspectors, who rightly suspected two cows to be affected with Tuberculosis of the udder; both were found positive on microscopical examination.

I am quite satisfied that a careful clinical examination is of very considerable value, but at the same time the Biological tests are essential to a healthy milk supply".

Meat and other Foods.

The following premises where food is prepared were inspected:-

Bake-houses	...	...	14
Ice-Cream making	...	...	17
Fried Fish Shops	...	...	30
Tripe boiling	...	...	1
Number of inspections	...	...	363

Meat - Public Health Meat Regulations.

Inspections under these regulations are carried out by the Sanitary Inspector.

Slaughter-houses - Registered, 7. Licenced, 12. Total, 19.

Number of inspections of slaughter-house premises	...	...	...	2205
Number of unsatisfactory conditions found and remedied	...	...	...	27

Number of carcasses inspected in the year:-

Cattle (excluding cows)	...	...	...	1287
Cows	...	...	...	364
Calves	...	...	...	90
Sheep and Lambs	...	...	...	3744
Pigs	...	...	...	3949
				<u>9434</u>

Meat condemned:-

(i) All diseases except Tuberculosis.

Whole carcasses - Cattle	...	...	...	1
Cows	...	...	...	1
Calves	...	...	...	1
Sheep and Lambs	...	...	...	9
Pigs	...	...	...	3

Part carcasses or

organs - Cattle	...	...	...	293
Cows	...	...	...	51
Calves	...	...	...	5
Sheep and Lambs	...	...	...	99
Pigs	...	...	...	97

(ii) Tuberculosis only.

Whole carcasses - Cattle	...	...	...	3
Cows	...	...	...	5

Part carcasses or

organs -	Cattle	...	...	...	14
	Cows	...	...	...	38
	Pigs	...	...	...	82

Total weight of meat condemned, 14588 lbs.

Inspection of Retail Meat Shops, Stalls, etc.

Number inspected	...	...	49
Number of inspections	...	...	504
Unsatisfactory conditions found			
and remedied	...	...	21
Unsound meat condemned			174 lbs.
Food (other than meat) condemned			100 lbs.

Other details of Meat Inspections, etc. in Sanitary Inspector's Report.

FOOD AND DRUGS ACTS, 1875 - 1928.

Mr. E. Templeman, Chief Inspector, Nottinghamshire County Council, has kindly supplied the following information with regard to samples taken in the Borough of Worksop in the year.

Article	No. of samples	Examined by the Inspector	Correct	Incorrect	Result of Analysis
Butta-cream cheese	1	-	-	-	Genuine
Arrowroot	1	-	-	-	Genuine
Butter	2	-	-	-	Genuine
Cheese	1	-	-	-	Genuine
Cocoa	2	-	-	-	Genuine
Cooking Fat	1	-	-	-	Genuine
Coffee	1	-	-	-	Genuine
Camphorated Oil	1	-	-	-	Genuine
Epsom Salts	1	-	-	-	Genuine
Gin	-	5	5	-	
Ground Ginger	1	-	-	-	Genuine
Ground Almonds	2	-	-	-	Genuine
Lard	4	-	-	-	Genuine
Mincemeat	1	-	-	-	Genuine
Margarine	2	-	-	-	Genuine
Marmalade	1	-	-	-	Genuine
Milk - Condensed	5	-	-	-	Genuine
Olive Oil	1	-	-	-	Genuine
Potted Meat	2	-	-	-	Genuine
Pepper	2	-	-	-	Genuine
Rice	1	-	-	-	Genuine
Sausage	3	-	-	-	Genuine
Shredded Beef Suet	2	-	-	-	Genuine
Tea	3	-	-	-	Genuine
Malt Vinegar	1	-	-	-	Genuine
Whisky	-	7	7	-	
Samples of Milk taken under the Milk (Special Designations) Order 1936)	23	-	19	4	
Totals	65	12	31	4	

Informal samples of milk.

Tested by the Inspectors by the "Gerber" Tester.

	<u>Correct.</u>	<u>Incorrect.</u>
Number of samples taken by the Inspectors ...	279	-
Number of samples taken at Farms ...	-	-
Number submitted by Milk Vendors to the Inspectors ...	-	-
Totals	279	-

NOTIFIABLE INFECTIOUS DISEASES, 1938.

(other than Tuberculosis)

	Total cases notified.	Cases admitted to Hospital.	Deaths.
Scarlet Fever	29	18	-
Diphtheria	31	31	-
Puerperal Pyrexia	5	5	-
Pneumonia	48	32	21
Erysipelas	5	-	-
Acute Poliomyelitis	1	1	-
Totals	119	87	21

Notification of Tuberculosis.

Pulmonary - Males, 8. Females, 14. Total, 22.
Non-Pulmonary - Males, 6. Females, 5. Total, 11.

The total number of notifications in the year was 119 as compared with 51 in 1937.

The main increase was in the notification of Pneumonia - 48 as compared with 15 in the previous year. While there was a slight increase in the mortality from Pneumonia this year the proportion of notifications to deaths is much greater than former years, due to better notifications as a result of a circular letter to local Practitioners.

Scarlet Fever was more prevalent in Elementary Schools but the cases were all of mild type; cases numbered 29.

Diphtheria cases numbered 31 as compared with 16 in the previous year. With a few exceptions the cases occurred among young school children.

By following up notified cases to their schools, and by class inspection and swabbing of suspects, a considerable number of carriers were identified and isolated. Much assistance was given in this work by the exchange of information and the co-operation and help from the School Medical Officer and School Nurses.

One case of acute poliomyelitis was notified. The case was treated in the Fever Hospital and made a good recovery, except for slight local paralysis.

The Sanitary Inspector supervises the removal of all infectious cases to hospital, and the rooms are disinfected after removal. Bedding and infected clothing are removed with the patient and undergo disinfection by steam at the Hospital.

Diphtheria anti-toxin is provided by the Council for free use by Practitioners in the District. Anti-toxin supplied in the year - 125,000 units.

Free facilities for Bacteriological examination of throat swabs, etc. are provided by the County Council, at the City Laboratory, Nottingham.

TUBERCULOSIS 1938.
New Cases and Deaths.

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 ...	-	-	1	-	-	-	1	-
1 ...	-	-	-	1	-	-	-	-
5 ...	-	1	4	1	-	-	-	-
15 ...	1	3	1	2	-	4	-	1
25 ...	3	6	-	-	-	2	1	-
35 ...	-	1	-	-	1	-	-	-
45 ...	4	2	-	-	4	1	-	-
55 ...	-	1	-	1	-	1	-	-
65 and over	-	-	-	-	-	-	-	-
TOTALS	8	14	6	5	5	8	2	1

Number of cases on the register at the end of the year:

			<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Pulmonary	...	...	79	64	143
Non-Pulmonary	...	...	38	49	87

Cases removed from the register in the year: Pulmonary - 19

Non-Pulmonary - 18

One overcrowded family, with a member suffering from Tuberculosis, was provided with a larger house, giving separate sleeping accommodation for the patient.

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action was taken or required under these regulations.

Public Health Act 1925. Section 62.

No action taken during the year.

ANNUAL REPORT OF THE CHIEF SANITARY INSPECTOR AND

CLEANSING SUPERINTENDENT.

To the Mayor, Aldermen and Councillors of the
Borough of Worksop.

Gentlemen,

I have the honour to present to you my Annual Report for the year ended 31st December, 1938, the portion on the Public Cleansing Service is for the financial year ended 31st March, 1939.

There was a change in the staff during the year, Mr. W. B. Haslehurst having secured an appointment under the Nottinghamshire County Council.

I would take this opportunity of thanking all members of the Health and Cleansing Department Staffs, for the zeal, energy and loyalty which they have, one and all displayed during the year, and for the hearty co-operation of all the Officials of the Council.

It is once again my privilege to express to you, Mr. Mayor and Gentlemen, my appreciation of the sympathy and interest you have always displayed in the work of these Departments.

I have the honour to be

Your obedient Servant,

T. H. MILLAR

Chief Sanitary Inspector
and
Cleansing Superintendent.

SUMMARY OF WORK CARRIED OUT.

Total inspections or visits made	...	...	...	9,338
Number of re-inspections or re-visits made	...	...	...	1,717
Number of preliminary notices served	...	...	...	381
Number of preliminary notices complied with	...	...	...	359
Number of statutory notices served	...	...	...	130
Number of statutory notices complied with	...	...	...	126
Number of letters sent out	...	...	...	652
Number of complaints received and dealt with	...	...	...	428
Number of premises and other matters which required sanitary improvement	...	...	...	1,157

SANITARY IMPROVEMENTS MADE AND DEFECTS REMEDIED DURING THE YEAR, UNDER THE PUBLIC HEALTH AND HOUSING ACTS.

INTERIOR OF HOUSES.

Houses cleansed or re-decorated throughout	...	...	...	67
New floors laid	...	...	...	186
Floors repaired	...	...	...	41
New windows provided	...	...	...	195
Windows repaired	...	...	...	61
Plasterwork of walls repaired	...	...	...	233
New ceilings provided	...	...	...	132
Ceilings repaired	...	...	...	34
New staircases provided	...	...	...	35
Staircases and cellar steps repaired	...	...	...	47
Handrails provided	...	...	...	43
Woodwork renewed or repaired	...	...	...	103
Fireplaces, etc. repaired	...	...	...	90
Insufficient lighting remedied	...	...	...	59
Insufficient ventilation remedied	...	...	...	62
Pantries repaired	...	...	...	30
New pantries provided	...	...	...	14
New sculleries provided	...	...	...	12
Washing coppers provided and repaired	...	...	...	26

WATER SUPPLY.

Internal supply provided	...	...	...	6
Water supply improved	...	...	...	46
Pumps repaired	...	...	...	1
Samples of water submitted for analysis	...	...	...	3
Wells filled in	...	...	...	5

EXTERIOR OF HOUSES.

Walls pointed or repaired	...	...	...	81
Roofs repaired or renewed	...	...	...	96
Chimneys repaired	...	...	...	74
Eaves gutters and fallspouts repaired	...	...	...	97
Damp walls remedied	...	...	...	175

YARDS AND OUTBUILDINGS.

Yards and passages re-paved	...	...	...	61
Yards and passages repaired	...	...	...	56
Yard surfaces cleansed	...	...	...	13
Dangerous and obstructive outbuildings removed	...	...	...	24
Wash-houses and outbuildings repaired or rebuilt	...	...	...	32
Rainwater tanks abolished	...	...	...	5
Rainwater tanks repaired or cleansed	...	...	...	6
New coal places provided	...	...	...	21

DRAINAGE.

New drains constructed	...	...	...	92
Drains re-constructed	...	...	...	95
Drains cleansed or repaired	...	...	...	319
Drain openings removed from inside of buildings	...	...	...	2
New ventilating pipes provided	...	...	...	16
Ventilating pipes repaired	...	...	...	18
New soil pipes fixed	...	...	...	9
Soil pipes repaired	...	...	...	10
Additional gully traps provided	...	...	...	47
New inspection chambers provided	...	...	...	28
Inspection chambers repaired	...	...	...	41
New sinks provided	...	...	...	53
New baths and wash-basins provided	...	...	...	11
New waste pipes to baths, sinks, etc. provided	...	...	...	73
Waste pipes repaired	...	...	...	17
Fallspouts disconnected from drains	...	...	...	21
Urinals cleansed or repaired	...	...	...	3
Septic tanks and outfall works improved	...	...	...	9
Cesspools abolished	...	...	...	1
Pollution of streams	...	...	...	1
Number of smoke tests applied to old and new drains	...	...	...	141
Drainage inspections	...	...	...	479

CONVERSIONS.

Conversion of privies to water closets	...	...	9
Conversion of pail closets to water closets	...	...	1
Privies abolished (including unfit houses)	...	...	20

Pail closets abolished	...	...	...	9
Pail closet receptacles renewed	...	...	...	3

ASHPITS AND DUSTBINS.

Wet ashpits abolished	...	...	...	14
Dry ashpits abolished	...	...	...	145
Dustbins provided	...	...	...	461
Dustbins renewed	...	...	...	207
Notices to occupiers re insanitary condition	...	...	...	7

WATER CLOSETS.

Additional water closets provided	...	...	...	23
Water closets re-constructed	...	...	...	26
Water closets repaired	...	...	...	38
Water closet buildings limewashed	...	...	...	17
Water closet buildings repaired	...	...	...	34
Number of occupiers warned re improper use	...	...	...	7

MISCELLANEOUS.

Nuisances from keeping of fowls	...	...	...	7
Nuisances from keeping of swine	...	...	...	21
Nuisances from sewers, sewer ventilators and street gullies	...	...	...	10
Accumulations of manure removed	...	...	...	24
Accumulations of other refuse removed	...	...	...	15
Miscellaneous defects and nuisances remedied	...	...	...	153

COMMON LODGING HOUSES.

On register	...	...	...	...	...	1
Applications for registration		...	...	...	...	1
Rooms used for sleeping	...	...	...	...	...	9
Lodgers accommodated	...	...	...	...	...	43
Inspections	...	...	...	...	...	10
Notices to limewash	...	...	...	...	...	2
Notices re defective conditions		...	...	...	...	0

INFECTIOUS DISEASE AND DISINFECTION.

Number of visits paid to infected houses	...	...	...	...	95
Number of rooms disinfected	...	...	...	...	74
Number of articles disinfected by steam	...	...	...	...	1218
Number of books disinfected	...	...	...	...	104
Number of notices to Day Schools	...	...	...	...	50
Number of notices to Librarians	...	...	...	...	15
Number of lots of bedding, etc. destroyed on request	...	...	...	...	8

Premises disinfected by spraying and by fumigating with formalin gas.

Bedding and clothing was removed to the North Nottinghamshire Joint Board Hospital at Carlton for steam disinfection.

SMOKE ABATEMENT.

Number of observations of chimneys	...	...	...	...	17
Number of notices served to abate nuisance	...	...	...	...	2

CINEMAS AND ASSEMBLY HALLS.

Number of visits	...	...	...	...	...	29
Number of notices re sanitary defects	...	...	...	...	...	6

CANAL BOATS.

10 Canal Boats were inspected and found in a satisfactory condition.

SHOPS ACT, 1934.

Number of complaints received	...	...	...	...	2
Number of inspections	...	...	...	...	23
Number of unsatisfactory conditions found:-					
(a) insufficient sanitary conveniences	...	...	...	...	1
(b) inadequate heating arrangements	...	...	...	...	7

(c) defective or insufficient ventilation	...	...	2
(d) other	...	...	5
Number of unsatisfactory conditions remedied:-			
(a) insufficient sanitary conditions	...	...	1
(b) inadequate heating arrangements	...	...	7
(c) defective or insufficient ventilation	...	...	2
(d) other	...	...	5

CAMPING SITES.

There are two sites in the Borough used by travelling vans which are not allowed to remain for a longer period than 6 weeks.

Thirty-five visits were made to caravans during the year, and four complaints were received and dealt with.

There were only 3 occupied vans in the area at the end of the year.

RATS AND MICE (DESTRUCTION) ACT, 1919.

Consistent and regular action has been taken in dealing with all complaints of rat infested premises. A ratcatcher was engaged periodically to deal with all the Council's land and premises.

Number of complaints received	...	49
Number of inspections	...	128

The following report was forwarded to the Ministry of Agriculture and Fisheries with reference to the action taken during the National Rat Week, 7th to 12th November, 1938:-

"Public attention was directed to the need of co-operation during this campaign, by the display of 90 large posters on all the bill-posting stations situate in the Borough. In addition, the occupiers of 120 business premises including all works, farms, and the L. & N. E. Railway Company were circularised and supplied with a special handbill giving particulars of damage done by rats, prevention and destruction.

Farmers were also supplied with a copy of the Ministry's Bulletin No. 30 (National Rat Week Edition) and copies of their advisory leaflet No. 49 were also distributed.

Mr. G. Cooley, Rat-catcher, was employed during the periods 31st October -12th November and 1st to 3rd December to deal with the Council's lands, premises and some of the sewers, also the banks of the River Ryton and streams in the centre of the town. Rat-infested areas of the sewage outfalls and other places were treated with Cyanogas. 250 baits were placed in the sewers, and on a later visit, the majority of these baits were found to have been taken by rats.

47 visits were made to rat-infested premises and from information received from various sources, the combined action taken during this

special effort produced good results".

COWSHEDS.

Registered cowkeepers	...	...	26
Cowsheds	...	...	38
Cowkeepers registered during 1938	...		1
Cowkeepers discontinued during 1938			1
Inspections	...	...	65
Notices to limewash	...	...	46
Informal notices	...	...	14

DAIRIES AND PURVEYORS OF MILK.

Registered purveyors	...	...	...	94
Purveyors registered during 1938 (bottled milk only)				43
Purveyors discontinued during 1938	...	...		2
Licences granted to sell milk as "Pasteurised"	...			1
Premises used for pasteurising milk	...	...		1
Inspections	...	...	...	103
Informal notices	...	...	...	5

MEAT AND OTHER FOODS.

Slaughterhouses.

There are 7 registered and 12 applications were received for the renewal of licensed slaughterhouses, 69 informal notices were served for the limewashing of these premises and 27 informal notices in respect of defects and minor contraventions and these were remedied.

One application was received for a license under the Slaughter of Animals Act, 1933, and this was granted.

CARCASES INSPECTED AND CONDEMNED.

	Cattle, excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	1,347	379	93	4,072	4,102
Number inspected	1,287	364	90	3,744	3,949
<u>All diseases except Tuberculosis</u>					
Whole carcasses condemned ...	1	1	1	9	3
Carcases of which some part or organ was condemned ...	293	51	5	99	97
Percentage of the number inspected affected with disease other than Tuberculosis	22.8	14.3	6.7	2.9	2.5
<u>Tuberculosis only</u>					
Whole carcasses condemned ...	3	5	-	-	-
Carcases of which some part or organ was condemned ...	14	38	-	-	82
Percentage of the number inspected affected with Tuberculosis ...	1.3	11.8	-	-	2.1

There were 467 surrenders which amounted to 6 tons 10 cwt. 2 stones.

All diseases and unsound meat was dealt with at a factory in an "Iwell" Dry Process Plant.

PUBLIC HEALTH (MEAT) REGULATIONS 1924.

No. of notices of Intention to Slaughter received (occasional slaughter) 103

Inspection of meat on Retail sale and premises where food is prepared.

504 visits were made to meat shops, stalls, stores and vehicles, with 211 visits to bake-houses and other places where food is prepared.

39 informal notices were issued and the various infringements were remedied.

Class of Meat and other Foods condemned from the Market, shops and other premises.

Frozen Beef	...	...	69 lbs.	Timed Tomatoes	...	90 lbs.
Brisket Beef	...	...	12 lbs.	Pineapple Chunks	...	10 lbs.
Pickled Tongues	...	...	9 lbs.	Total		100 lbs.
Ox Tongue	...	...	5 lbs.			
Chitterlings	...	...	63 lbs.			
Sausages	...	...	11 lbs.			
Black Puddings	...	...	5 lbs.			
		Total	174 lbs.			

OFFENSIVE TRADES.

Three applications were received for consent to establish the business of fish friers, also 6 applications for renewal of consent and these were granted for the period of one year.

Two fish friers discontinued business during 1938.

Renewals were granted to two rag and bone dealers.

During the year 117 inspections were made and 8 informal notices were issued and complied with.

ICE CREAM MANUFACTURERS, VENDORS, MERCHANTS AND DEALERS.

Applications for registrations and re-registrations under Sections 131 and 132 of the Workshop Corporation Act, 1933 numbered 24 and these were granted for one year.

Four minor infringements were found in the course of 42 visits.

HOUSING.

Houses Demolished: -

Nos. 115 & 117, Westgate	...	...	...	...	2
No. 32, Westgate	...	...	...	...	1
No. 34, Westgate	...	...	...	...	1
Nos. 36, 38, 40, 42 and 44, Westgate	...	...	...	...	5
Nos. 5, 6, 7 and 8, Union Street	...	...	...	...	4
No. 119, Kilton Road	...	...	...	...	1
No. 6, Court 3, Gateford Road	...	...	...	...	1
Nos. 33, 35, 37 and 39, Eastgate	...	...	...	...	4
Nos. 43 and 45, Eastgate	...	...	...	...	2
Nos. 1 and 2, Court 1, Lead Hill	...	...	...	...	2
Nos. 48 & 50, Newgate Street	...	...	...	...	2
Nos. 5 & 7, Hill Street	...	...	...	...	2
No. 71, Norfolk Street	...	...	...	...	1
					<u>28</u>

Housing Act, 1936. Section 11 (3).

The Council have accepted the undertakings of the owners to carry out the work necessary to make the houses fit, in respect of: -

Nos. 44 - 66, Abbey Street	...	...	...	...	12
No. 23, Norfolk Street	...	...	...	...	1
Nos. 9, 11, 13, 15 and 27, Norfolk Street	...	...	...	...	5
Nos. 17, 25 and 29, Norfolk Street	...	...	...	...	3
No. 19, Norfolk Street	...	...	...	...	1
No. 10, Norfolk Street	...	...	...	...	1
No. 12, Norfolk Street	...	...	...	...	1
No. 21, Norfolk Street	...	...	...	...	1
Nos. 40, 42 & 65, Norfolk Street	...	...	...	...	3
Cottage, Ratcliffe Lane	...	...	...	...	1
					<u>29</u>

Undertakings in respect of the following houses were completed by the owners, to the satisfaction of the Local Authority:-

No. 14, Norfolk Street	...	...	...	...	1
No. 16, Norfolk Street	...	...	...	...	1
No. 18, Norfolk Street	...	...	...	...	1
No. 20, Norfolk Street	...	...	...	...	1
Nos. 49 & 51, Norfolk Street	...	...	...	...	2
Nos. 41, 43, 45 & 47, Church Walk	...	...	...	...	4

No. 44, Norfolk Street	...	...	...	...	1
No. 46, Norfolk Street	...	...	...	...	1
No. 48, Norfolk Street	...	...	...	...	1
Nos. 50 & 52, Norfolk Street	...	...	...	...	2
No. 54, Norfolk Street	...	...	...	...	1
Nos. 9, 11, 13 & 15, Norfolk Street	...	...	...	...	4
No. 17, Norfolk Street	...	...	...	...	1
No. 19, Norfolk Street	...	...	...	...	1
No. 21, Norfolk Street	...	...	...	...	1
Nos. 25 & 29, Norfolk Street	...	...	...	...	2
No. 27, Norfolk Street	...	...	...	...	1
No. 70, Norfolk Street	...	...	...	...	1
					<u>27</u>

Housing Act, 1935. Sec. 55 (3).

Certificates of Fitness were issued in respect of 6 houses.

Eradication of Bed Bugs.

No. of houses infested	...	23
(a) Council houses	...	7
(b) Other houses	...	16
No. of houses disinfested	...	22
(a) Council houses	...	7
(b) Other houses	...	15

Disinfestation is carried out in the following manner:-

The walls are stripped of wallpaper, and skirting boards are removed. Cracks and crevices are then treated with a blow-lamp; this is followed by thorough spraying with 'Solution B', "Vermoose", or "Zaldecide". In cases of severe infestation the process is followed by fumigation with "Furmex" disinfestating blocks.

Frequent re-inspections are made of houses which have been treated and, when necessary, the process is repeated.

Advice is given to the tenants of disinfested houses, and suitable disinfectants are supplied so as to guard against further infestation.

Before the removal of tenants into Council houses, their bedding, furniture etc. is subjected to careful inspection and if these are badly infested, and of little value, they are destroyed; otherwise spraying and, if necessary, fumigation is carried out.

HOUSING STATISTICS.

1. Inspection of Dwelling-houses during the year:-

(i)(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	376
(b) Number of inspections made for the purpose	397
(ii)(a) Number of dwelling-houses (included under sub-head (i) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	65
(b) Number of inspections made for the purpose	71
(iii) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	38
(iv) 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	242

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	187
--	-----

3. Action under Statutory Powers during the year: -

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:-

(i) Number of dwelling-houses in respect of which notices were served requiring repairs	7
(ii) Number of dwelling-houses which were rendered fit after service of formal notices:-	
(a) By owners	14
(b) By local authority in default of owners	0

(b) Proceedings under Public Health Acts:-

(i) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	4
(ii) Number of dwelling-houses in which defects were remedied after service of formal notices:-	
(a) By owners	4
(b) By Local Authority in default of owners	0

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:-							
(i) Number of dwelling-houses in respect of which Demolition Orders were made	...	...	...	...	...	...	4
(ii) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	...	...	...	...	28

(d) Proceedings under Section 12 of the Housing Act, 1936:-							
(i) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	...	...	...	...	...	0
(ii) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	...	...	...	...	...	...	0

4. Housing Act, 1936. Part IV - Overcrowding:-

(a)(i) Number of dwelling-houses overcrowded at the end of the year	...	...	...	...	...	...	...	39
(ii) Number of families dwelling therein	...	...	...	...	...	...	...	40
(iii) Number of persons dwelling therein	...	...	...	...	...	...	...	338
(b) Number of new cases of overcrowding reported during the year	...	...	...	...	...	...	...	1
(c)(i) Number of cases of overcrowding relieved during the year	...	...	...	...	...	...	...	7
(ii) Number of persons concerned in such cases	...	...	...	...	...	...	...	49

HOUSING ACTS, 1919-1938.

CORPORATION HOUSING ESTATES
AT 31ST DECEMBER 1938.

	Bungalows.	Parlour Type.	Non-Parlour Type.	Total.
Manton	...	209		209
Anston Avenue	...	22		22
Gateford Road	...	35		35
Lincoln Street	...		138	138
Radford Street and Furnival Street	...		130	130
Shireoaks Common	...		4	4
Newgate Street	...	8		8
Westgate	...	8		8
Bracebridge	...	118		118
	134	266	272	672
Erected under 1919 Act	23)	
" " 1923 Act	243)	
" " 1924 Act	58)	...
" " 1930 - 36 Acts	348)	672

PUBLIC CLEANSING SERVICE.

The collection and disposal of house and trade refuse has been satisfactorily maintained during the year.

The introduction of the motor vacuum cesspool emptier which was put into commission on the 5th April 1938, has revolutionized the system of cleansing Cesspools.

Building activities in the district have increased the weekly calls by 147, and 20 unfit houses have been deleted from our list of premises.

The provisions of the Public Health Act, 1936, relating to trade refuse were considered by the Council and it was agreed to undertake the removal of a reasonable amount of trade refuse from business premises, according to the size and class of business carried on at such premises, during the periods of removal of ordinary house refuse. A scale of charges was adopted and came into operation on the 1st July, 1938; one bin per week allowed free, 4d. per bin per week for each subsequent bin, or 15/- per bin or equivalent capacity per annum, payable in advance. £21. 19s. 0d. was received for such service.

The salvage of waste paper and cardboard realised £111. 2s. 7d. and £5. 8s. 3d. was realised by the sale of old metal and string.

No charge is made for the disposal of trade refuse as there are ample tipping facilities in the district.

The average number of houses and other premises dealt with weekly was 8,060 at a nett cost of 9/11d. per house or premises (collection 8/2½d. - disposal 1/8½d.)

The method of disposal is by controlled tipping in the Blyth Road Sand Quarry.

With the exception of the dry refuse collected from Rhodesia village which is deposited on some low lying land adjoining "Woodhouse Inn", the remainder of the dry refuse is dealt with at the Blyth Road Tip.

Additional Refuse and other materials were deposited in this tip by the Borough Engineer's and Electricity Departments, Markets, Builders and Private Traders, consisting of Rubble and Bricks - 2,426 tons, Soil - 2,530 tons, Sweepings - 907 tons, Trade Refuse - 1,526 tons, Sawdust, Bark, etc. - 466 tons, and Straw - 46 tons. Total - 7,901 tons during 1938.

The bulk of the contents from cesspools was deposited in the public sewers and the remainder with wet refuse was placed on farm land.

Classified Sanitary conveniences and receptacles in the District:-

Number of water closets	...	...	8,335
Number of pail closets	...	...	23
Number of privies ...	...	...	259
Number of wet ashpits	...	...	121
Number of cesspools	...	...	37
Number of dry ashpits	...	...	4
Number of dustbins ...	...	...	7,746

The purchase of the new "Dennis" 750 gallon Cesspool Emptier, with interchangeable 10 cubic yard side loading refuse collecting body, replaced 2 horses, 2 open carts, one low loading dust cart with sliding covers and one tumbler cart (the latter was used for the cleansing of cesspools and pail closets).

On an average, one day per week is allocated to the cesspool emptier, after which the tank is exchanged for the refuse collecting body, and this deals with both dry and wet refuse in the outlying parts of the district.

Other transport consists of two 10 cubic yard S.D. Freighters, one with inside barrier loading and the other with rear loading movable floor.

The regular staff of the Cleansing Department consists of one foreman, 3 drivers, 12 loaders and 2 men engaged on refuse disposal. Additional temporary men are engaged during holiday periods and bad weather.

Details of collection during the year.

Number of dustbins emptied, including trade refuse	...	...	427,842
Number of dry ashpits emptied ...	...	...	126
Number of wet ashpits emptied ...	...	...	151
Number of pail closets emptied	...	...	1,160
Number of cesspools emptied ...	...	...	227
		Total	<u>429,506</u>

Approximate number of houses and other premises in the district
not cleansed by the Council

	...	...	205
Number of loads of dry refuse removed by S.D. Freighters			2,803
Number of loads of dry refuse removed by Dennis and carts			1,083
Number of loads of wet refuse removed ...	...	...	91
Number of loads of cesspool liquid removed	...	...	412
		Total	<u>4,389</u>

Number of loads deposited on the land	...	...	...	100
Number of loads deposited in the Blyth Road Tip	...	...	...	3,394
Number of loads deposited in the Woodhouse Tip	...	...	...	74
Number of loads transported for covering purposes	...	...	...	102
Number of loads deposited in Public Sewers	...	...	...	255

The total quantity of refuse collected (including 1,380 tons of cesspool liquid and 321 tons of wet refuse) for the year ending March 31st 1939, was 11,024 tons.

The weight of refuse is estimated by test weighing.

The average yield (excluding cesspool liquid and wet refuse):-

				tons.
Per 1,000 population per annum (365 days)	...	...	...	334.3
				cwts.
Per 1,000 population per day	...	...	...	18.3
Per head per annum (365 days)	...	...	...	6.68
Per house per annum (including business premises)	...	...	...	23.13

Estimated population (Registrar-General), 27,890.

Area of District, 17,935 acres.

Number of houses and premises, 8,060.

Average haul, $1\frac{1}{2}$ miles.

Collection and Salvage of Waste Paper and Cardboard.

During the year ended 31st March 1939, 59 tons 9 cwts. 2 qrs. of newspapers and white paper, and 35 tons 8 cwts. 1 qr. 6 lbs. of mixed paper and cardboard were sorted and baled, making a total of 94 tons 17 cwts. 3 qrs. 6 lbs.

The income from the sale of these materials realised £111. 2s. 7d. and the expenditure £103. 5s. 1d.

The costs are included in the following table.

HOUSE AND TRADE REFUSE.

(excluding cesspool liquid and wet refuse).

Table showing costs for the year ended 31st March 1932.

Item Particulars (1) (2)	1 COLLECTION		2 DISPOSAL		TOTAL	
	Including loan charges (3)	Excluding loan charges (4)	Including loan charges (5)	Excluding loan charges (6)	Including loan charges (7)	Excluding loan charges (8)
<u>REVENUE ACCOUNT</u>						
A Gross Expenditure	£ s. d. 3401.11.6	£ s. d. 3401.11.6	£ s. d. 912. 1. 2	£ s. d. 740.10.6	£ s. d. 4313.12.8	£ s. d. 4142.2. 0
B Gross Income	95.17.3	95.17.3	224.17. 8	224.17.8	320.14.11	320.14.11
C Net Cost	3305.14.3	3305.14.3	687. 3. 6	515.12.10	3992.17.9	3821.7. 1
<u>UNIT COST</u>						
D Gross Expenditure per ton	7.3½	7.3½	1.11½	1.7	9.3	8.10½
E Gross Income per ton	0.2½	0.2½	0. 5¼	0.5¾	0.8¼	0.8¼
F Net cost per ton	7.1	7.1	1. 5¾	1.1¼	8.6¾	8.2¼
G Net cost per 1000 of population	118.10.6	118.10.6	24.12. 9	18. 9.9	143. 3.3	137.0.3
H Net cost per head	2.4½	2.4½	0. 5¾	0.4½	2.10¼	2.9
J Net cost per 1000 houses or premises from which refuse is collected	410. 2.9	410. 2.9	85. 5. 2	63.19.6	195. 7.11	474.2.3
K Net cost per house	8.2½	8.2½	1.8½	1.3½	9.11	9.5½
<u>RATE POUNDAGE</u>						
L Net cost equivalent rate in the £	5.80d.	5.80d.	1.20d.	.90d.	7.00d.	6.70d.
M Percentage of L to total rate in the £	3.63%	3.63%	.75%	.56%	4.38%	4.19%

The following extracts are taken from the Ministry of Health's Costing Returns for the year ended 31st March, 1937, on Public Cleansing from returns furnished by 369 Local Authorities.

Average weight of refuse per 1,000 population per day (365 days to year) for the year 1936 - 37.

A. 118 Areas in which 80 per cent or more of the refuse was actually weighed ...		15.2 cwts.						
			<u>WORKSOP.</u>					
B. 251 Areas where weight was based on test weighings or wholly estimated ...		17.8 cwts.	<u>March, 1938. March, 1939.</u>					
Non-County Boroughs.			£	s.	d.	£	s.	d.
Average nett expenditure per ton (Collection) ...			9	0		7	5	7
Average nett expenditure per ton (Disposal) ...			3	10		1	8 $\frac{3}{4}$	1
Average nett expenditure per ton per 1,000 population (Collection) ...			129	0	0	119	7	0
Average nett expenditure per ton per 1,000 population (Disposal) ...			56	0	0	27	15	2
Average nett expenditure per 1,000 houses (Collection) ...			464	0	0	418	5	0
Average nett expenditure per 1,000 houses (Disposal) ...			200	0	0	97	5	8

ADMINISTRATION OF FACTORY AND WORKSHOP ACT 1901, AND FACTORIES ACT 1937

(WHICH SUPERSEDED THE ACT OF 1901 ON 1ST JULY, 1938).

1. INSPECTIONS for purposes of provisions as to health.

Premises.	Number of		
	Inspections.	Written Notices.	Occupiers prosecuted.
Factories with mechanical power	97	15	-
Factories without mechanical power	44	10	-
*Other premises under the Act (including works of building and engineering construction but not including outworkers' premises)	5	-	-
*Electrical Stations should be reckoned as factories			
Total	146	25	-

2. DEFECTS FOUND.

Particulars.	Number of Defects.			Number of defects in respect of which Prosecutions were instituted.
	Found.	Remedied.	Referred to H.M. Inspector.	
Want of Cleanliness (S.1.) ...	5	5	-	-
Overcrowding (S.2.)	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-
Sanitary (insufficient ...	1	1	-	-
Conveniences (unsuitable or (S.7.) defective ...	12	12	-	-
(not separate for sexes	-	-	-	-
Other Offences	-	-	-	-
(Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order 1921, and re-enacted in the Third Schedule to the Factories Act, 1937)				
Total	18	18	Nil	Nil

I N D E X.

Ambulance Facilities	13
Antitoxin Supply	25
Ashpits and Dustbins	31
Births	4, 8
Camping Sites	33
Canal Boats	32
Cinemas and Assembly Halls	32
Closet Accommodation	16, 42
Committees	2
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