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Contributors

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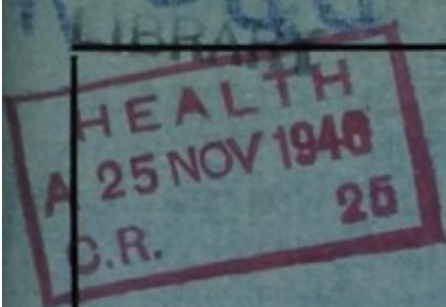
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1945



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County Borough of Burton upon Trent

ANNUAL REPORT

OF THE

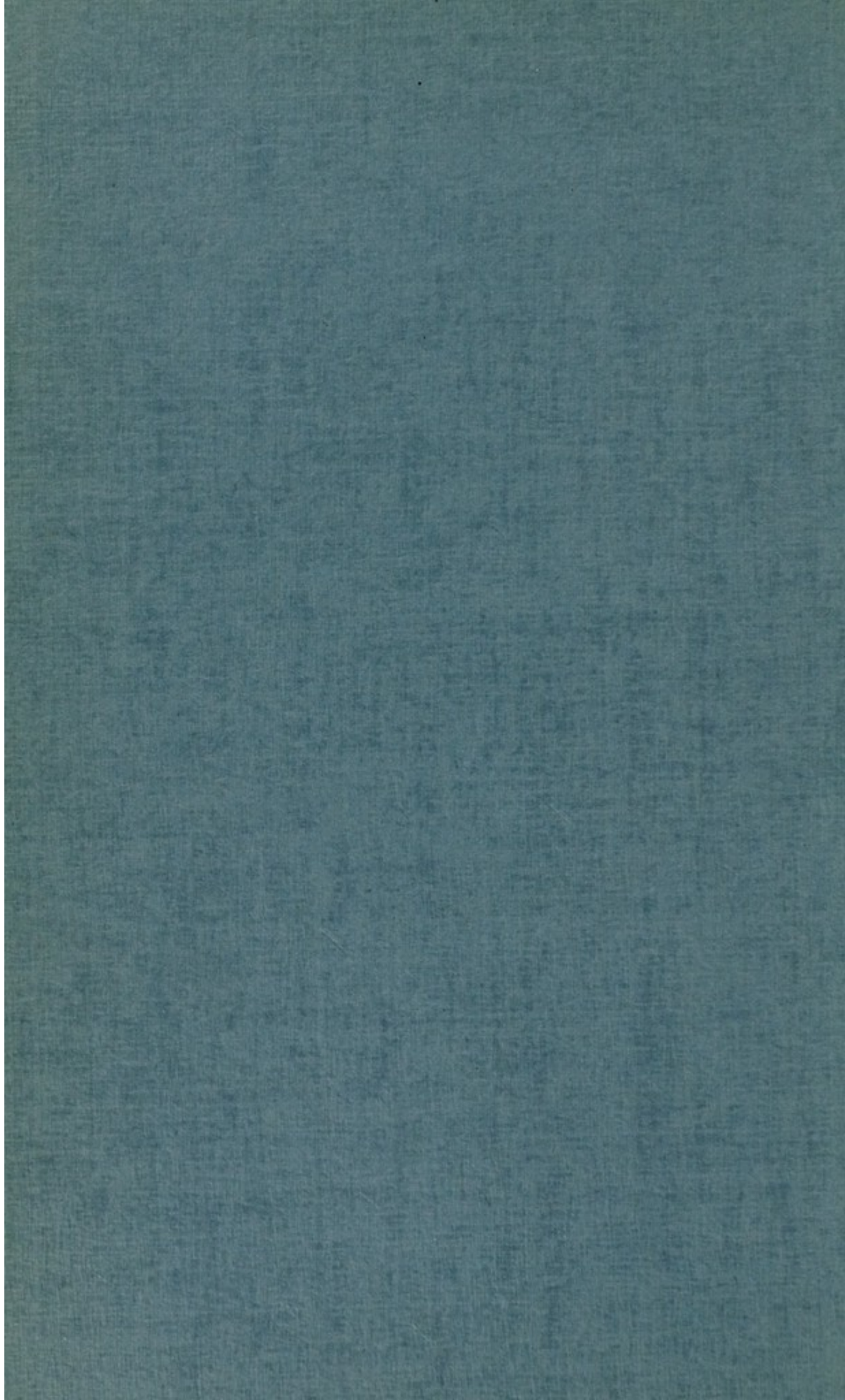
Medical Officer of Health

FOR THE YEAR 1945

By W. ALCOCK, M.B., Ch.B., B.Hy., D.P.H.

ALSO

Reports of the Sanitary Inspector and
Superintendent of Refuse Removal
and Destructor Department.



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County Borough of Burton upon Trent

HEALTH COMMITTEE

THE MAYOR (COUNCILLOR A. FIDKIN, J.P.)

Chairman—ALDERMAN W. HUTSON, J.P.

ALDERMAN J. W. CLARK, J.P.

ALDERMAN A. ELLIOTT, J.P.

COUNCILLOR A. G. APPLEBY

COUNCILLOR A. BAMFORD, J.P.

COUNCILLOR W. O. BURNELL

COUNCILLOR J. T. H. JACKSON

COUNCILLOR J. JONES, J.P.

COUNCILLOR J. H. JONES, J.P.

COUNCILLOR M. M. MERCER

COUNCILLOR G. E. RIDER

COUNCILLOR F. G. THOMPSON

COUNCILLOR T. H. WALTERS

MATERNITY AND CHILD WELFARE COMMITTEE

MEMBERS OF THE HEALTH COMMITTEE

Chairman—MR. COUNCILLOR A. BAMFORD, J.P.

Vice-Chairman—MRS. MACGILP

MRS. GILES

MRS. KEW

MRS. STANLEY

MISS WILD

HEALTH DEPARTMENT,
TOWN HALL,
BURTON UPON TRENT,

October, 1946.

TO THE MAYOR, ALDERMEN, AND COUNCILLORS OF
THE COUNTY BOROUGH OF BURTON UPON TRENT.

YOUR WORSHIP, AND GENTLEMEN,

I have the honour to present my Annual Report for the year 1945.

The principal Vital Statistics are not quite as satisfactory as those for 1944, but when considered in relation to corresponding figures for previous years, the disparity would not justify the conclusion that any marked deterioration in the health of the Borough had occurred, as a perusal of the following table will show :—

	Birth Rate	Death Rate	Maternal Mortality	Infant Mortality	Tuberculosis Death Rate	Cancer Death Rate	Zymotic Death Rate
1938	14.1	11.3	1.0	49	0.53	1.62	0.09
1939	15.4	12.9	1.3	51	0.66	1.53	0.13
1940	13.4	14.6	0.0	60	0.70	1.82	0.13
1941	15.1	13.2	0.3	66	0.75	1.77	0.21
1942	16.6	12.2	1.3	59	0.59	1.57	0.24
1943	19.0	14.2	2.3	59	0.71	1.50	0.36
1944	21.3	13.4	1.0	40	0.48	1.70	0.22
1945	17.1	13.5	2.0	50	0.63	1.90	0.13

In fact, the general health of the community was good. There were no outbreaks of epidemic disease and fewer cases were admitted to the Isolation Hospital than in recent years.

During the year there were only nine cases of diphtheria, and for the second year running there were no deaths from this disease.

I desire to express to the Chairman and Members of the Health Committee and to my colleagues and members of the Health Department staff, my grateful thanks for the loyal support and ready assistance they have afforded me during the year.

I am,

Your obedient Servant,

W. ALCOCK,

Medical Officer of Health.

REPORT

GENERAL STATISTICS

Area (Acres)	4,222
Population—Census 1931	49,529
No. of Houses, 1931 (Census)	12,168
No. of Inhabited Houses (end of 1945) (estimated)	13,379
Rateable Value (1st Oct., 1945)	£332,547
Sum represented by penny rate (1st Oct., 1945)	£1,336

Population. The Registrar-General estimates the civilian population of the Borough to have been 45,490 at mid-year, 1945, being a decrease of 240 on the previous year.

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1945

	<i>Males</i>	<i>Females</i>	<i>Total</i> 1945	<i>Total</i> 1944
Live Births (total) ..	408	371	779	972
„ „ Legitimate ..	354	329	683	881
„ „ Illegitimate ..	54	42	96	91
Birth Rate (Live)	17.1	21.3		
Still-births	19	14	33	30
„ Rate per 1,000 of total births (live & still) ..	41	30		
„ Rate per 1,000 of population	0.73	0.66		
Deaths	315	298	613	611
Death-rate	13.5	13.4		
Illegitimate Births (percentage of total live births) ..	12.3	9.4		
Deaths from Puerperal Sepsis	0	0		
Rate per 1,000 (live and still) births	0	0		
Deaths from other Maternal causes	2	1		
Rate per 1,000 (live and still) births	2.0	1.0		
Total Deaths from Puerperal Sepsis and other Maternal causes	2	1		
Total rate per 1,000 (live and still) births	2.0	1.0		
Deaths of Infants under 1 year of age per 1,000 live births	50	40		

	1945	1944
Deaths of Legitimate Infants per 1,000		
legitimate births	45 ..	35
Deaths of Illegitimate Infants per 1,000		
illegitimate births	83 ..	88
Deaths from Measles (all ages)	1 ..	0
Deaths from Whooping Cough (all ages) ..	1 ..	2
Deaths from Diarrhoea (under 2 years) ..	3 ..	7
Deaths from Pulmonary Tuberculosis ..	27 ..	16
Death-rate from ditto	0.59 ..	0.35
Deaths from other forms of Tuberculosis ..	2 ..	6
Death-rate from ditto	0.04 ..	0.13
Number of Deaths from Cancer	87 ..	79
Death-rate from Cancer	1.9 ..	1.7
Zymotic Death-Rate	0.13 ..	0.22
Number of Marriages	520 ..	361
Marriage Rate	23 ..	15.8

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Public Health Officers of the Local Authority :

*Medical Officer of Health, School Medical Officer,
Tuberculosis Officer, etc. :*

W. ALCOCK, M.B., Ch.B., B.Hy., D.P.H.

Deputy Ditto :

A. L. SMALLWOOD, M.B., Ch.B., D.C.H., D.P.H.

Assistant Ditto :

E. ANNE PERROTT, M.B., B.S., D.P.H.

Public Analyst :

R. MALLINDER, B.Sc., F.I.C. (*part time*)

Chief Sanitary Inspector :

F. V. A. SMITH, Cert. Roy. San. Inst. ; Cert. Inspection of Meat

Deputy Chief Sanitary Inspector :

E. MITTON, Cert. Roy. San. Inst. ; Cert. Inspection of Meat

Assistant Sanitary Inspectors :

- M. CARTER, Cert. of Sanitary Inspectors' Joint Board ;
Cert. Inspection of Meat (Left September, 1945)
- J. EASTON, Cert. of Sanitary Inspectors' Joint Board ;
Cert. Inspection of Meat
- F. LOMAS, Cert. of Sanitary Inspectors' Joint Board ;
Cert. Inspection of Meat. (Commenced November, 1945).
- J. H. WILLIS (Returned to duty November, 1945, after Demobilisation)
- G. B. STOKES Cert. of Sanitary Inspectors' Joint Board (on War Service)
- J. JENKINSON, Cert. Roy. San. Inst. ; Cert Inspection of Meat (temporary)

Chief Clerk :

G. M. UPTON

Clerks :

- | | |
|-------------------|--|
| R. E. CHAMBERLAIN | Miss M. RUSSELL |
| Miss J. ALGER | Miss B. A. MARTIN |
| Miss J. SUGDEN | Miss G. FOSTER
(Left March, 1945) |
| G. LIGHT | Miss W. MARBROW
(Commenced April, 1945) |

Matron of Isolation Hospital and Sanatorium :

Miss M. HEAPY, State Registered Nurse

Health Visitors :

- Mrs. E. A. STEEL, Supt. Health Visitor, State Registered Nurse, State Certified Midwife, Health Visitor's Certificate of the Royal Sanitary Institute.
- Mrs. E. KIRBY, State Registered Nurse, State Certified Midwife
Health Visitor's Certificate of the Royal Sanitary Institute
- Mrs. K. M. HARVEY, State Registered Nurse, State Certified Midwife
Health Visitor's Certificate of the Royal Sanitary Institute
- Miss M. GALLOWAY, State Registered Nurse, State Certified Midwife,
Health Visitor's Certificate of the Royal Sanitary Institute.

Clinic Nurse :

Mrs. G. IFE (part-time). (Commenced February, 1945).

Municipal Midwives :

- Miss G. A. BATES, State Registered Nurse, State Certified Midwife
- Mrs. M. H. CUNNINGHAM, State Registered Nurse, State Certified Midwife
- Miss L. A. ELKS, State Registered Nurse, State Certified Midwife
- Miss R. GILKS, State Registered Nurse, State Certified Midwife
- Miss G. M. JONES, State Registered Nurse, State Certified Midwife
- Miss G. MINOR, State Registered Nurse, State Certified Midwife
- Mrs. A. J. PLANT, State Registered Nurse, State Certified Midwife

Infant Welfare Centre Medical Officer :

E. ANNE PERROTT, M.B., B.S., D.P.H.

Ante-Natal Clinic :

E. ANNE PERROTT, M.B., B.S., D.P.H.

*Ophthalmologist for Pre-School Children :*EDWIN R. JAGGER, M.R.C.S., L.R.C.P., D.O.M.S. (*part time*)*Consultant for Puerperal Pyrexia, and for Ante-Natal
and Obstetric Complications :*N. L. EDWARDS, M.B., Ch.B., F.R.C.S. (*part time*)*Dental Surgeon for Maternity and Child Welfare :*W. C. GRIFFITHS, L.D.S., R.C.S. (*part time*)
(Commenced March, 1945)*Venereal Diseases Clinic Medical Officer :*H. T. CROSSLEY, M.B., Ch.B. (*part time*)**Orthopaedic Clinic :***Orthopaedic Surgeon :*R. BEWICK, M.B., F.R.C.S. (*part time*)*Masseuse :*Miss M. J. W. ABBOTTS, Cert. Ch. Soc. of Massage and Medical
Gymnastics and M.E. (*part time*). (Left September, 1945).**District Medical Officer and Public Vaccinator :**G. GILLIES, M.B., Ch.B., D.R.C.O.G. (*part time*)*Vaccination Officer :*J. L. KIND (*part time*)*Home Teacher of the Blind :*

Mrs. A. R. BATES

PROVISION OF HEALTH SERVICES

During the year there were no developments or changes in the provision of Ambulance facilities or Public and Voluntary Hospitals.

In the same manner there were no changes in the administration of the Institutional medical services transferred from the late Board of Guardians under the provisions of the Local Government Act, or in the provision of Poor Law medical out-relief.

As regards Mental Deficiency, Burton upon Trent is one of the constituent authorities of the West Midland Joint Board for the Mentally Defective. After considerable difficulty, the Board has secured a site for an Institution.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply. The South Staffordshire Waterworks Company is responsible for the public water supply to the Borough. The supply is drawn from deep wells at Chilcote (Leicestershire), Fradley and Trent Valley, and is satisfactory, both in quality and quantity.

Softening plants are installed at Chilcote and Fradley, and although the water after treatment is hard, it is not excessively so, there being about twenty parts per 100,000 total hardness, of which about half is permanent hardness.

Periodical chemical and bacteriological examinations of the piped supply are carried out in the Health Department Laboratory.

Four samples during the year gave the following results :

Chemical Analysis :

Satisfactory in each case.

Bacteriological Analysis

Plate Count

Inoculation of McConkey Broth

Organisms per c.c. on
agar at 37° C.

(No. 1) Not carried out	Not carried out
(No. 2) 5 colonies in 10 c.c. sample	Negative
(No. 3) 132 colonies in 10 c.c. sample	do.
(No. 4) 153 colonies in 10 c.c. sample	do.

No action was necessary to deal with any form of contamination.

The proportion of dwelling-houses supplied from public water mains is as follows :—

- (a) Direct to the houses—approximately 98%
- (b) By means of stand pipes—approximately 2%

The proportion of the population supplied from public water mains :—

- (a) Direct to the houses—approximately 98.5%
- (b) By means of stand pipes—approximately 1.5%

Scavenging. The scavenging is entirely carried out by the Refuse Removal Department of the Corporation.

The following report on the collection of house refuse has been presented to the Health Committee by Mr. P. J. Borley, Superintendent of the Refuse Removal Department, for the year ending 31st March, 1946.

Bond End,
Burton upon Trent.

TO THE CHAIRMAN AND MEMBERS OF THE
HEALTH COMMITTEE

ANNUAL REPORT, 1945/46
(1st April, 1945, to 31st March, 1946)

I beg to present herewith my Annual Report for the Refuse Removal and Disposal Department for the year 1945/46.

REFUSE REMOVAL DEPARTMENT

Toward the end of 1945 the release of men from the Armed Forces improved the labour position in this section, and on the 31st March, 1946, 20 men were employed refuse collecting and 2 men refuse and salvage collecting.

Shortage of men early in the year caused severe delay in collection and heavy accumulation of domestic refuse. The situation was not fully recovered at the end of the year under review.

Sickness was again very heavy and 5.9% available hours were lost during January, February and March. Organised overtime was discontinued as this was judged to be the indirect cause of much of the absence from work.

The collecting Freighters are in poor condition, three having been 15 years in service. It is hoped that new vehicles will be delivered late in 1946.

The weight of domestic refuse collected showed a marked reduction to 10,912 tons, presumably due to coal rationing.

Sanitary pail refuse was estimated to weigh 154 tons.

Income from charges for the collection of refuse amounted to £48.

REFUSE DISPOSAL AND SALVAGE PLANT

The cessation of hostilities brought a considerable loss of public interest in salvage particularly noticeable in the quantity of waste paper recovered. The reduction of paper sorting resulted in the employment of 3 women for this purpose, against 6 in the previous year. The Separation Plant continued to be operated by 8 men as against 11 before the war.

Paper salvage was again down by 15.3%. It was with regret that in March I had to report an intimation from Mrs. W. P. Stanley, Organiser of the Women's Voluntary Services, that assistance given by the organisation would cease. I was able to report that the W.V.S. had collected 854 tons of salvage by means of regular weekly and monthly collections and during the number of drives throughout the war period. I have to record my appreciation of the action of the Committee in this matter.

The list below is an analysis of material dealt with by the Department.

		<i>Tons</i>	<i>Cwts.</i>	<i>Qrs.</i>	
Domestic Refuse	..	10,911	13	0	(Weighed)
Trade Refuse	..	386	2	0	do.
Offal	..	14	7	3	do.
		11,312	2	3	
From Assisted Authorities		306	3	0	(Weighed)
Total through the Plant		11,618	5	3	(Weighed)
Direct to Tips	..	680	0	0	(Estimated)
Night-soil	.. ..	154	0	0	do.
Total	..	12,452	5	3	

Main items of salvage sales :—

Paper	.. ..	316 tons
Black Scrap	.. ..	30 „
Baled Tins	.. ..	329 „
Textiles	.. ..	21 „
Cinders	.. ..	51 „
Waste Food	.. ..	205 „
Bones	.. ..	12 „
Bottles and Jars	.. ..	9 „
Miscellaneous	.. ..	132 „

Bottles and jars are once again added to our list of Salvaged articles, whilst the sale of cinders has shown a large reduction due to the very inferior quality obtainable.

The income from the sale of salvage was £4,042 and purchases from other Authorities amounted to £124. Refuse, totalling 306 tons and for which charges were made, was received from other Authorities.

Charges for refuse disposal amounted to £105, and miscellaneous receipts made up the gross income to £4,504.

It is expected that many months will elapse before the Salvage market settles to peace-time conditions. It is hoped that the public have learned of the value of waste material, though frequent reminders will no doubt be necessary.

I desire to record my thanks to the Health Committee for their continued support.

I am, Your obedient servant,

PERCY BORLEY,

Superintendent.

SANITARY INSPECTION OF THE AREA.

I have received the following Report and Tables from Mr. F. V. A. Smith, Chief Sanitary Inspector under the Sanitary Officers (Outside London) Regulations, 1935.

DETAILS OF INSPECTIONS

Dwelling Houses :

Infectious Diseases	..	..	..	..	..	230
Re Sanitary Defects	..	..	..	..	..	3,972
Verminous	..	..	..	..	..	69
Overcrowding	..	..	..	..	..	19
Common Lodging Houses	..	..	..	..	..	61
Factories with Power	..	..	..	..	..	79
Factories without Power	..	..	..	..	..	21
Bakehouses	..	..	..	..	..	80
Re Shops Acts	..	..	..	..	..	304
Premises where Animals are kept	..	..	..	..	..	72

Tents, Vans and Sheds	372
Premises infested with Rats, Mice or other Pests ..	1,352
Diseases of Animals Acts	149
Miscellaneous Visits	148
Petrol, Carbide or Explosives	218
Meat and Food Inspections	3,083
Meat Shops	92
General Provision Shops	26
Fish Shops	315
Dairies, Cowsheds and Milkshops	429
Food and Drugs Act	293
Fertilisers and Feeding Stuffs Act	17
	<hr/>
	11,401
	<hr/>

SUMMARY OF NUISANCES DEALT WITH

	<i>Found</i>	<i>Abated</i>
Foul or defective drains, defective or dilapidated W.C.'s	233	219
Defective roofs, eaves and downspoutings ..	306	225
Houses damp, defective or dirty	386	206
Houses without proper ashes accommodation ..	30	38
Defective sinks, sink pipes, and yard paving ..	48	58
Houses without proper water supply ..	37	22
Defective floors, doors, windows, etc. ..	197	186
Defective washing coppers	111	102
Overcrowding	9	5
Animals kept so as to be a nuisance	3	2
Accumulations of manure, etc.	10	6
Miscellaneous nuisances	10	9
	<hr/>	<hr/>
	1,380	1,078
	<hr/>	<hr/>

NOTICES SERVED

Informal	655
Statutory	53

Legal Proceedings. In 8 cases proceedings were authorised, but in no case was it necessary to apply to the Court of Magistrates for an "Abatement Order."

Certificates of Essentiality. The following certificates have been issued recommending the release by the various Ministries of materials for essential repairs :—Timber 109, Washing coppers 74, Slates 13.

Abatement of Nuisances. Due to the lack of building materials and labour available for property maintenance, considerable delay is being experienced in the abatement of nuisances as will be seen in the table of nuisances found and abated.

CONTRAVENTIONS OF BYELAWS, ETC.

	<i>Found</i>	<i>Abated</i>
Common Lodging Houses	11	9
Factories	266	195
	<hr/>	<hr/>
	277	204
	<hr/>	<hr/>

SHOPS ACTS, 1912-1936

Total number of shop inspections 304

Closing of Shops. The hours fixed for the closing of shops for the period from the 5th November, 1944, to the 3rd March, 1945, was 7-30 p.m. on the late day and 6 p.m. on other days of the week, with the exception of hairdressers which was fixed at 8 p.m. on the late day, and 7 p.m. on the other days of the week.

Common Lodging Houses.

Number on register	2
Accommodation for (adults)	103
Accommodation for (children)	7
Number of inspections	61

Movable Dwellings.

Number of licensed sites	5
Number of vans	20
Number of vans at amusement fair	4
Number of inspections	372

Canal Boats.

During the year 93 visits were made to the local section of the Trent and Mersey canal, but on no occasion was a boat sighted, with the result that no inspection could be made.

VERMIN REPRESSION

Eradication of Bed Bugs. The number of houses disinfested during the year was :—

Council houses	..	11	Other houses	..	69
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The disinfestation of houses in 32 cases was carried out by the staff of the Local Authority with liquid insecticides, and in addition 48 houses were disinfested by the occupiers.

Rats and Mice Destruction

Notifications received of rat infestation	..	503
Number of premises treated by rat operators	..	451
Number of premises re-inspected after treatment		322
Number of premises found infested after treatment		86
Number of premises supplied with poison	..	174
Sewer manholes baited	.. ..	150
Dead rats collected from screens at Sewage Pumping Station	.. ..	607
Total dead rats picked up	.. ..	1,068
Estimated kill due to weight of poison taken	..	6,560

INSPECTION AND SUPERVISION OF FOOD

Food and Drugs Act. One hundred and fourteen samples were procured and submitted to the Public Analyst for analysis as follows :—

Arrowroot 1, Aspirin Tablets 1, Baking Powder 2, Beef Extract 1, Black Pepper 1, Bovril 1, Butter 2, Camphorated Oil 1, Cake Flour 1, Castor Oil 1, Chocolate Drops 1, Chocolate Spread 1, Cod Liver Oil 1, Coffee (ground) 1, Coffee (extract) 1, Dessert Mould 1, Epsom Salts 1, Flour 1, Flowers of Sulphur 1, Forcemeat 1, Fish Paste 1, Frutella Dessert with Sauce 1, Gelatine 1, Glycerine 1, Gravy Salt 2, Ground Ginger 1, Groats 1, Golden Raising Powder 2, Jam 1, Junket Powder 1, Lard 2, Lemon Curd 1, Margarine 2, Macleans Tablets 1, Malted Milk Tablets 1, Marmite 1, Mixed Spice 1, Mustard 2, New Milk 57, Oxo 1, Peas 1, Saccharin Tablets 1, Seidlitz Powders 3, Semolina 1, Sponge Pudding 2, Tincture of Iodine 1, Vinegar 1, Zinc Ointment 1.

110 Samples were found to be genuine.

4 Samples were found to be unsatisfactory as follows :—

- 1 Sample of milk showed a 4.6% deficiency of fatty solids. A letter of warning was sent to the vendor.
- 1 Sample of milk contained 3% extraneous water. The farmer was warned.

- 1 Sample of Saccharin Tablets showed a 12.7% deficiency of saccharin per tablet. A letter of warning was sent to the vendor.
- 1 Sample of ordinary Seidlitz Powder was supplied at double strength. A letter of warning was sent to the vendor.

Fertilisers and Feeding Stuffs Act, 1926. Six samples of fertiliser were examined by the Public Analyst during the year, all of which were satisfactory.

Diseases of Animals Acts.

CATTLE MARKET.

No restriction, due to outbreak of contagious disease, has been placed on the market during the year.

TUBERCULOSIS ORDER.

One case of Tuberculosis was discovered in a local herd, the animal affected was slaughtered, after which the cowshed was thoroughly disinfected.

SWINE FEVER.

Five cases of suspected Swine Fever were reported, none of which was confirmed by the Ministry of Agriculture.

FOOT AND MOUTH DISEASE.

No case or suspected case of Foot and Mouth Disease has occurred in this district during the year.

ANTHRAX.

One suspected case of Anthrax was reported, but bacteriological examination proved that the animal had not died from this disease.

PARASITIC MANGE.

No case of this disease has been notified during the year.

SHEEP SCAB,

No case has occurred during the year.

Storage of Petroleum Spirit, etc. There are 109 licensed petroleum stores, having a total capacity of 161,005 gallons of petroleum spirit, and 1,300 gallons of petroleum mixture. There are also 6 stores where 10 tons 9 cwts. of carbide of calcium may be stored.

Explosives. There are 35 premises in the Borough registered for the keeping of explosives all of which receive periodical inspections.

F. V. A. SMITH,

*Chief Sanitary Inspector and Inspector
under the above-mentioned Acts.*

HOUSING.

Statistics.

There were no new houses erected during the year and seven were demolished.

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)	1039
(b) Number of inspections made for the purpose ..	3972
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	0
(b) Number of inspections made for the purpose ..	0
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation..	956

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	801
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

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

(1) Number of dwelling houses in respect of which notices were served requiring repairs	0
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By owners	0
(b) By Local Authority in default of owners ..	0
(b) Proceedings under Public Health Acts.	

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ..	53
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By owners	36
(b) By Local Authority in default of owners ..	0
(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936.	
(1) Number of dwelling houses demolished in pursuance of Demolition Orders	0
(2) Number of dwelling houses where an undertaking was given not to use for human habitation	1

Milk Supplies.

Number of wholesale producers	14
Number of producer retailers	13
Number of retail purveyors	24
Number of milkshops	36

Licences granted for the production and sale of graded milk :—

Producers, bottlers and purveyors of Tuberculin Tested Milk	1
Producers, bottlers and purveyors of Accredited Milk ..	1
Producers of Accredited Milk	8
Bottlers and purveyors of Accredited Milk	2
Accredited milk dealers	8
Supplementary Accredited licences	2
Pasteurisers and purveyors of Pasteurised Milk ..	4
Pasteurised milk dealers	19
Supplementary Tuberculin Tested licences	3
Accredited Milk samples examined	148
Accredited Milk samples outside the prescribed standard	51
Tuberculin Tested Milk Samples examined	40
Tuberculin Tested Milk samples outside prescribed standard	9
Pasteurised Milk samples examined	62
Pasteurised Milk samples outside the prescribed standard	13
Accredited producers warned by Health Committee ..	4
Accredited licences revoked	3
Milk samples examined for Tuberculosis	10
Milk samples found to be affected with Tuberculosis ..	0

Slaughterhouses and Meat Inspection.

Number of licensed slaughterhouses	3
Number of Knacker's Yards	1
Number of licensed slaughtermen	58
Number of notifications of intended slaughter of suspected tuberculous animals received from the Inspector of the Ministry of Agriculture ..	16
Carcases condemned for generalised tuberculosis	7
Carcases partially condemned	9

Meat Marking :—

Number of carcasses officially stamped	7,275
--	-------

The following table shows the number of carcasses inspected, together with percentages of animals found to be diseased either wholly or in parts.

	Cattle ex- cluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	2,017	4,152	941	7,195	40,623
Number inspected	2,017	4,152	941	7,195	40,623
All diseases except Tuberculosis					
Whole carcasses condemned ..	2	26	7	13	35
Carcasses of which some part or organ was condemned	143	1,283	3	558	4,450
Percentage of the number inspected affected with disease other than Tuberculosis ..	7.2	31.5	1.1	7.9	11.0
Tuberculosis only					
Whole carcasses condemned ..	3	116	2	0	49
Carcasses of which some part or organ was condemned	564	1,578	1	0	2,644
Percentage of the number inspected affected with Tuberculosis	28.1	40.8	0.3	0	6.6

UNSOUND FOODS, CONDEMNED AND REMOVED FOR SALVAGE OR DESTRUCTION

Nature of Food	WEIGHT			
	Tons	Cwts.	Qrs.	lbs.
Home-killed Meat	136	17	1	6
Bacon	—	1	3	11
Biscuits	—	—	—	24
Bran	—	—	—	15
Butter	—	—	3	17
Canned Beans	—	—	2	26
„ Fish	—	4	2	23
„ Fruit	—	—	3	1
„ Meat	—	14	0	25
„ Milk	—	2	2	20
„ Syrup	—	—	—	9
„ Vegetables	—	4	3	15
Cheese	—	—	1	2
Coffee Beans	—	—	1	16
Cocoa	—	—	—	5
Dates	—	3	0	19
Dripping	—	—	—	8
Eggs	—	6	0	15
Fish	—	15	1	0
Flour	—	3	0	8
Gravy Browning	—	—	—	10
Jam	—	2	1	16
Malt	—	1	0	0
Oranges	—	—	2	27
Orange Juice	—	5	1	22
Pearl Barley	—	1	0	14
Pickled Cabbage	—	1	2	4
Rabbits	—	2	0	4
Raisins	1	17	1	22
Rice	—	2	2	20
Sausage	—	—	3	21
Sugar	—	11	2	14
Sultanas	—	—	3	6
Sweets	—	—	1	23
Tea	—	—	1	14
Total	143	5	2	6

INSPECTIONS OF FACTORIES

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers prosecuted (4)
Factories with mechanical power ..	159	31	—
Factories without mechanical power ..	21	1	—
Total	180	32	—

DEFECTS FOUND IN FACTORIES

Particulars (1)	Number of Defects			No. of defects in respect of which Prosecu- tions were in- stituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspec- tor (4)	
Want of cleanliness (S.1)	9	9	—	—
Overcrowding (S. 2)	—	—	—	—
Unreasonable temperature (S. 3)	—	—	—	—
Want of Thermometer (S. 3)	—	—	—	—
Inadequate ventilation (S. 4)	—	—	—	—
Ineffective drainage of floors (S. 60)	—	—	—	—
Sanitary Conveniences { insufficient unsuitable or defective not separate for sexes } (S. 7)	256	185	—	—
Other offences	1	1	—	—
(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	266	195	—	—

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

The number of notifications of infectious disease received during the year 1945 is shown in the following table :—

Infectious Diseases, 1945

Disease	Total Cases Notified	Cases admitted to Hosp.	Total Deaths
Smallpox	0	0	0
Diphtheria*	18	18	0
Scarlet Fever	61	53	0
Enteric Fever (including Para-typhoid)	0	0	0
Puerperal Pyrexia	1	0	0
Pneumonia	30	1	31
Encephalitis Lethargica	0	0	0
Erysipelas	3	0	0
Cerebro Spinal Fever	1	1	1
Whooping Cough	53	2	1
Measles**	710	9	1
Poliomyelitis	1	1	1
Dysentery	3	0	0

* Includes 1 non-Civilian.

** Includes 2 non-Civilians.

In the table given below is set out details of the notified cases of infectious disease where the diagnosis has been confirmed.

Disease					Total Cases after Corrections	Cases admitted to Hosp.	Total Deaths
Smallpox	..	..	..	..	0	0	0
Diphtheria	..	..	..	..	9	9	0
Scarlet Fever	..	..	..	..	53	45	0
Enteric Fever (including Para-typhoid)	..	..	..	..	0	0	0
Puerperal Pyrexia	..	..	..	..	1	0	0
Pneumonia	..	..	..	..	30	1	31
Encephalitis Lethargica	..	..	..	..	0	0	0
Erysipelas	..	..	..	..	3	0	0
Cerebro Spinal Fever	..	..	..	..	0	0	1
Whooping Cough	..	..	..	..	53	2	1
Measles**	..	..	..	..	710	9	1
Poliomyelitis	..	..	..	..	1	1	1
Dysentery	..	..	..	..	3	0	0

** Includes 2 Non-Civilians.

Immunisation against Diphtheria.

	Under 5 years	Aged 5 —15
Number of children immunised for the six months ending 30th June, 1945 ..	241	106
Number of children immunised for the six months ending 31st December, 1945 ..	302	28

At the end of the year it was estimated that 43% of the children in the town under five years of age had been immunised and 89% of the children aged 5-15.

Puerperal Pyrexia. The case notified occurred in private practice.

Zymotic Deaths. The number of deaths from Zymotic Diseases was six, one being due to Whooping Cough, three to Diarrhoea, one to Cerebro Spinal Fever, and one to Measles.

School Intimations of Disease. Intimations of non-notifiable infectious diseases are received daily from the Director of Education, and, as far as possible, are followed up by the Health Visitors.

The following table gives the number of cases dealt with :—

Chickenpox	112
------------	----	----	----	----	----	-----

Visits to Infectious Diseases. The Health Visitors paid the following visits to infectious diseases during the year :—

Visits to Measles	..	..	241	(Including 133 to children under 5 years of age).
Visits to Whooping Cough			35	(Including 25 to children under 5 years of age).
Visits to Mumps	..	..	8	(Including 2 to children under 5 years of age).
Visits to Chickenpox	..		8	(Including 6 to children under 5 years of age).

Diphtheria Antitoxin was supplied as usual from the Health Office for all cases of Diphtheria in the Borough if applied for. During the year 18 phials each containing 8,000 units were supplied to medical practitioners in the Borough.

Laboratory Work. Bacteriological examinations for infectious diseases are carried out at the Public Health Laboratory, Town Hall, with the exception of the tests for Enteric Fever, Puerperal Pyrexia, Pneumonia, and Undulant Fever, which if required are carried out at the Public Health Laboratory, Manchester, and the County Laboratory, Derby.

The total number of specimens examined during the year was 690, as compared with 891 in 1944.

The results of the specimens examined during the year may be summarised as follows :—

<i>Disease</i>	<i>Results</i>		<i>Total</i>
	<i>Positive</i>	<i>Negative</i>	
Diphtheria	100	184	284
Dysentery	2	3	5
Tuberculosis	154	197	351
Salmonella	—	1	1
Enteric Fever	4	23	27
Others	—	—	20
Haemolytic Streptococci ..	—	2	2
			<hr/> 690 <hr/>

Public Health (Infectious Diseases) Regulations, 1927. There were 30 cases of Pneumonia notified.

BOROUGH ISOLATION HOSPITAL.

Cases Treated. The following Table shows the number of cases admitted and discharged from the hospital during the year, with the number of deaths :—

Diagnosis on Admission

Patients	In Hospital January 1st, 1945	Ad- mitted	Dis- charged	Died	In Hospital Dec. 31st, 1945
Diphtheria	4	***19	23	0	0
Scarlet Fever	5	†55	57	0	3
Chicken Pox	0	4	4	0	0
Vincent's Angina	0	◇3	3	0	0
Measles	0	*11	11	0	0
Whooping Cough	0	2	1	0	1
German Measles	0	††3	3	0	0
Puerperal Pyrexia	0	†††2	2	0	0
Mumps	0	||9	9	0	0
Pneumonia	0	1	1	0	0
Cerebro Spinal Fever	0	1	1	0	0
Erysipelas	0	** 1	1	0	0
Acute Poliomyelitis	0	1	1	0	0
Typhoid Fever	0	+1	1	0	0
Observation	1	13	7	0	7
Totals	10	126	125	0	11

*** Includes 1 Service case and 1 from Repton Rural District Council.

† Includes 2 from Repton Rural District Council.

◇ Includes 2 Service cases.

* Includes 2 Service cases.

†† Includes 1 from Repton Rural District Council and 1 from Mid-Staffs Joint Hospital Board.

††† Cases from Repton Rural District Council.

|| Service Cases.

** Service Case.

+ Case from Swadlincote Urban District Council.

Revised Diagnosis after Admission to Hospital

Patients	In Hospital January 1st, 1945	Ad- mitted	Dis- charged	Died	In Hospital Dec. 31st, 1945
Diphtheria ..	4	9	13	0	0
Scarlet Fever ..	5	†47	49	0	3
Chicken Pox ..	0	4	4	0	0
Vincent's Angina ..	0	5	5	0	0
Measles	0	*11	11	0	0
Whooping Cough ..	0	2	1	0	1
German Measles ..	0	††4	4	0	0
Puerperal Sepsis ..	0	2	2	0	0
Tonsillitis	0	***5	5	0	0
Mumps	0	||9	9	0	0
Pneumonia	0	1	1	0	0
Otitis Media	0	1	1	0	0
Puerperal Pyrexia ..	0	†††2	2	0	0
Erysipelas	0	**1	1	0	0
Acute Poliomyelitis	0	1	1	0	0
Typhoid Fever ..	0	+1	1	0	0
Cervical Adenitis ..	0	1	0	0	1
Urticaria	0	1	1	0	0
Observation	1	19	14	0	6
Totals	10	126	125	0	11

† Includes 2 from Repton Rural District Council.

◇ Includes 3 Service cases.

* Includes 2 Service Cases.

†† Includes 1 from Repton Rural District Council and 1 from Mid-Staffs Joint Hospital Board.

*** Includes 1 from Repton Rural District Council.

|| Service Cases.

††† Cases from Repton Rural District Council.

** Service Case.

+ Case from Swadlincote Urban District Council.

The average period of isolation in the hospital of the 49 Scarlet Fever patients discharged was 26 days, and of the Diphtheria patients 51 days.

Ophthalmia Neonatorum. The following table gives the particulars of the cases of Ophthalmia Neonatorum dealt with during the year. Two of the cases were treated at home, the actual treatment being given by the Health Visitors, who carried out the instructions of the Doctor in attendance.

Ophthalmia Neonatorum	Cases			Vision unim- paired	Vision impaired	Total Blind- ness	Deaths
	Notified	Treated					
		At Home	In Hospital				
	3	1	1	3	0	0	0

In addition to the above, two other cases of inflammation of the eyes were brought to the notice of the Health Department by Midwives, but, when visited, practically no signs of disease were found.

The 3 cases of Ophthalmia Neonatorum may be classified as follows :—

Mild, 1

Moderate, 2

Severe, 0

TUBERCULOSIS

New Cases and Mortality during 1945

Particulars of new cases of Tuberculosis and of deaths from the disease during 1945 are given in the table below :—

Age Periods			New Cases				Deaths			
			Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
			M	F	M	F	M	F	M	F
0	..	..	0	0	0	0	0	0	0	0
1	..	..	0	0	1	0	0	0	0	0
5	..	..	1	0	0	1	1	0	1	0
10	..	..	0	0	1	0				
15	..	..	3	4	0	0				
20	..	..	1	3	0	0	5	3	0	0
25	..	..	8	5	1	0				
35	..	..	9	2	0	0				
45	..	..	13	1	0	1	14	2	0	1
55	..	..	4	0	0	0				
65 & upwards			0	0	0	0				
Totals	..		39	15	3	2	21	6	1	1

Public Health (Tuberculosis) Regulations, 1924. Number of cases of Tuberculosis remaining on the Dispensary registers kept by the Medical Officer of Health on the 31st December, 1945 :—

Total Cases	Pulmonary			Non-Pulmonary		
	Males	Females	Total	Males	Females	Total
191	102	60	162	13	16	29

Proportion of Non-Notified Cases. Three cases where death was certified as due to Tuberculosis had not been previously notified to the Medical Officer of Health. The ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths was one in 10.

Sanatorium. The number of cases admitted to the Outwoods Sanatorium during the year was 70.

During the year arrangements were made with the County Borough of Derby, whereby patients requiring surgical treatment in conjunction with collapse therapy—such as cauterisation of adhesions, phrenic crush, etc., could be transferred to the Derby City Isolation Hospital. The facilities thus afforded have been utilized in a number of cases

Rehabilitation. During the year an Occupational Therapy Centre was inaugurated at the Sanatorium. One male whole-time worker and one female part-time worker were appointed. A variety of occupational work is now being carried out, such as leathercraft and rug-making.

This work is greatly appreciated by the patients and has proved a most beneficial measure. The building of a new workshop has been approved, and when this is equipped and in occupation it will afford opportunities for a considerable extension of activities.

X-Ray Examinations. During the year the number of X-Ray examinations made was as follows :—

Chest Films	..	..	..	..	..	588
Chest Screening	..	..	..	..	..	520
Other Films	..	..	..	..	..	53

By arrangement with the General Infirmary a scheme was drawn up in 1943 whereby General Practitioners are enabled to send patients to the Infirmary for an X-ray examination of the chest, and this continued in 1945. The films come to the Health Department for interpretation and a report is then sent to the doctor.

The scheme has the merit of simplicity and causes a minimum of inconvenience to both patient and doctor. It is being well supported and the impression has been gained that a number of cases of Pulmonary Tuberculosis have come under treatment at a much earlier stage than would otherwise have been the case. The following table gives the results of the films examined under the scheme during the year :—

Nothing abnormal detected	..	..	..	107
No evidence of Tuberculosis	..	..	..	86
Cases for review	..	..	..	53
Definite cases of Tuberculosis	..	..	..	29
				<hr/>
				275
				<hr/>

Artificial Pneumothorax.

Number of inductions	..	..	..	..	6
Number of refills	..	..	..	..	543

Tuberculosis Dispensary. The number of cases examined for the first time at or in connection with the Tuberculosis Dispensary in 1945 was 114.

The total number of attendances at the Dispensary for the year was 834, which gives an average per session of 9.4.

Home Supervision. The Health Visitors, who also act as Dispensary Nurses, undertake the home supervision of Tuberculous patients. The total number of cases visited at home was 146, and the total number of visits 275.

In addition, 142 visits were made by the Tuberculosis Officers to the homes of tuberculous patients.

One patient has been lent a shelter to continue his treatment at home, and two patients were also lent bed and bedding so that they could have a separate room.

Public Health (Prevention of Tuberculosis) Regulations, 1925. It was not necessary to take any action under the above Regulations during the year 1945.

Public Health Act, 1936, Section 172. It was not found necessary to take action under this Section.

Memo 266/T. Grants have been paid to patients during the year. The total number who received an allowance during the year was 25 and the amount paid out was £1,144 as maintenance allowances, £2/10/- as Discretionary Allowances, and £4/2/6 as Special Allowances.

ORTHOPAEDIC TREATMENT

The following table gives a summary of the work done for the various Committees during the year ended 31st December, 1945 :—

	<i>Number of new cases</i>	<i>Total number of attendances</i>
Health	0	106
Maternity and Child Welfare	14	269
Education	67	2635

VENEREAL DISEASES.

The following is a summary of the work done during the year :—

Disease	No. of Persons attending the Clinic.		No. of Atten- dances	No. of In-patient- Days.
	Males	Females		
Syphilis	61	87	1848	67
Gonorrhoea	61	25	481	0
Other Diseases	16	25	188	0
Totals	138	137	2517	67

In 1944 the patients attending the Clinic numbered 141 males and 118 females, the total number of attendances being 2226 for treatment by the Medical Officer.

The figures given in the previous table include patients from the Borough, from Derbyshire and from Staffordshire, and also include 96 patients suffering from Syphilis and 36 from Gonorrhoea, who attended the Clinic in 1944 or earlier and continued their treatment during 1945.

There were, therefore, 139 new cases admitted to the Clinic during 1945, including 4 patients previously treated at other Centres, viz.,

75 from Burton, 37 from Derbyshire, 20 from Staffordshire and 7 others, compared with 127 cases in 1944, of which 77 were Borough cases.

Of the 2517 attendances at the Clinic, 1610 were made by Burton patients, 513 by Derbyshire patients, 326 by Staffordshire patients and 68 by other patients.

Pathological Specimens. Pathological specimens are examined from cases of Venereal Disease at the Laboratory of the Derby County Council at Derby.

The following Table shows the number of specimens examined both from the Clinic and from private medical practitioners, but the specimens sent from patients attending the Clinic from the Derbyshire area are not included in this Table :—

	Wassermann	Gonorrhoea	Spirochaeta Pallida
Hospitals and other Institutions	211	28	0
Treatment Centre	229	83	0
Private Medical Practitioners	48	15	0
Total	488	126	0

VENEREAL DISEASES—CONTACTS

During the year the following Notifications were received under Regulation 33b.

First Notifications	11
	(including 3 transferred from other areas).
Second Notifications	0

In the case of the First Notifications, action was taken as follows :

Unable to trace owing to insufficient information	3
Left the town when visited	2
Contacts found	6
	(of which five attended for treatment at the V.D. Clinic or were already undergoing treatment).

CANCER

The deaths caused by Cancer numbered 87, 42 being males and 45 females.

The facilities for the diagnosis and treatment of Cancer remain the same as were given in detail in the Annual Report for 1936.

The death rate from Cancer was equal to 1.9 per 1,000 of the population.

In the following table the Cancer deaths are classified according to age and sex :—

	0-1 yrs.	1-5yrs.	5-15 years	15-45 years	45-65 years	65 and upwards
Males ..	0	0	0	1	11	30
Females ..	0	0	0	4	22	19

BLIND PERSONS ACT

Under the Blind Persons Act, 94 persons are registered.

The following table gives the age and sex distribution of these cases :—

	0-16	<i>Ages.</i> 16-65	<i>Over 65 years.</i>
Males	2	22	20
Females	1	18	31

Grants are made by the Blind Persons Act Committee to blind persons in accordance with a scale of income adopted by the Committee.

Home Teacher of the Blind. The Home Teacher of the Blind paid 1,950 visits to the homes of the blind persons during the year.

Approved Blind Home Workers. Under the Blind Home workers scheme, seven blind persons were employed at the end of the year as follows :—

Piano Tuners ..	1	Boot Repairer ..	1	Toy Making	1
Tea Agent ..	1	Basket Maker ..	1	Machine Knitter	2

Socials, entertainments and outings for the blind have been arranged during the year. The Social Centre was open on one day per week during the year, and there has been a good attendance, averaging 18.1 per session.

MATERNITY AND CHILD WELFARE

Midwives Act, 1936.—Cases attended by Municipal Midwives. During the year the seven Municipal Midwives attended 394 patients as Midwives and 62 patients as Maternity Nurses.

Midwives. The number of Midwives, who in January, 1945, gave notice of their intention to practise within the area of the Borough in accordance with Section 10 of the Midwives Act, 1902, was 15, and subsequently 3 others gave notice of their intention to practise.

Notifications. The following notifications have been received from Midwives :—

Medical assistance required	..	..	..	216
Still Births	..	..	..	12
Artificial Feeding	..	..	..	61
Miscellaneous	..	..	..	4

During the year analgesia was administered in two cases.

Medical Practitioners' Fees. Claims from Medical Practitioners for fees under Section 14 of the Midwives Act, 1918, for assistance to Midwives in emergencies amounted to £40 for the year. A sum of £30 12s. 0d. was repaid to the Corporation by patients during the same period.

Birth Control. One case was referred to our Consultant Gynaecologist under the scheme of Birth Control given in the Report for 1934.

Infant Welfare Centre. The Infant Welfare Centre in Cross Street continued throughout the year to be attended by mothers and babies in very large numbers.

Voluntary Helpers. A number of ladies have acted as voluntary helpers at the Infant Welfare Centre, some of them over a long period of years, and have given very valuable assistance in carrying out the work. It is only through their regular and ungrudging help that such large numbers can be dealt with.

Number of Cases. The number of new cases registered at the Centre during the year was 669, and the total attendances 16,459, giving an average per session of 82.3, as compared with an average of 100.1 for 1944.

Eye Defects. The arrangements whereby infants suffering from eye defects could be referred to Dr. Jagger for examination were continued during the year.

The number of children examined by him during the year was 12.

Maternity and Child Welfare Sub-Committee. A Maternity and Child Welfare Sub-Committee, consists of the following ladies : Mrs. Evans, Mrs. Giles, Mrs. Kew, Mrs. MacGilp, Mrs. Stanley, and Miss Wild.

Light Clinic. During the year, 139 new cases received treatment at the Infant Welfare Centre. A total of 2,018 attendances was made during the year. In nearly all the cases improvement in the condition was noted.

Ante-Natal Clinic. The Ante-Natal Clinic was held on Friday afternoons at 2 o'clock and on Wednesday mornings at 10 o'clock. The Assistant Medical Officer of Health was in charge.

Total number of new patients seen	..	..	294
Total number of attendances	..	..	925

In this connection, the Health Visitors also paid 267 visits to Ante-Natal cases at home.

Post-Natal Clinic. A post-natal clinic was held in the morning of the first Wednesday in each month.

Post-natal consultations and examinations were made in 155 cases who made 210 attendances during the year.

Toddlers' Clinic. A clinic specially reserved for the examination of Toddlers was held during the afternoon session of the first Wednesday in every month.

Consultant Work. Dr. N. L. Edwards, of Derby, Consultant for ante-natal and obstetric complications, examined 5 obstetric cases during the year.

Hospital Beds. The following cases were treated at the General Infirmary during the year in accordance with the arrangements previously described for the treatment of complicated cases of pregnancy or labour, and also cases with complications arising after parturition whether in the mother or in the child.

Condition or Disease	Result	
	Cured	Died
Caesarean Section	0	0
Post Partum Haemorrhage	1	0
Difficult Labour	9	0
Incomplete Abortion	21	0
Other conditions	19	0
Total	50	0

Maternity Beds. Arrangements were in force during the year with the Burton upon Trent Nursing Institution, Union Street, for the provision of beds for maternity cases, where the circumstances were such that it was difficult for a confinement to be carried out at home. 142 patients were admitted during the year.

Notification of Births and Health Visiting. The number of births notified was 835 (including 33 still births), after adjustment of transferred notifications.

Still Births. The number of still births registered in the Borough was 33—19 males and 14 females.

Health Visiting. The Health Visitors have paid the following visits :—

Primary visits to infants	782
Secondary visits to children under 12 months	2,351
Visits to children over one year	4,179
Visits to still-births	12
Total	7,324

292 visits to cases of infectious diseases were also made by the Health Visitors.

Dental Treatment. The scheme for dental treatment of expectant and nursing mothers and for all children under 5 years of age remained the same as previously described.

The following is a summary of the work done :—

Number of children treated	..	..	..	8
Number of mothers treated	..	..	..	12
Number of teeth extracted	..	..	..	57
Number of fillings	..	..	..	15
Number of other operations	..	..	..	0
Dentures supplied	..	..	..	0

Child Life Protection. At the end of 1945, there were 9 children "taken for reward" registered under the provision of Sections 206-220 of the Public Health Act, 1936.

Adoption of Children Regulations. These Regulations came into force in 1943. No further applications for registration were received during the year.

Health Visitors and Cleanliness. The attention of the Health Visitors and Midwives in this town was drawn to Circular 2831 on the promotion of cleanliness and good habits, and the elimination of verminous conditions, and where the Health Visitors or Midwives discovered uncleanliness or verminous conditions, they endeavoured to get these conditions remedied.

The standards of cleanliness in this Borough of infants and expectant mothers is fairly high on the whole, and only a few families appear to be the offenders.

During the year, arrangements were made with the Education Committee whereby the cleansing facilities at the School Clinic have been made available for the cleansing of adults and pre-school children.

The medical practitioners have been acquainted with the arrangements, and good use is being made of the service.

Appointments are made in the evenings and a male and female attendant have been appointed on a sessional basis.

During the year 300 persons attended the Clinic.

Care of Premature Children. In accordance with the recommendation of Ministry of Health Circular 20/44, the Maternity and Child Welfare Committee approved arrangements for the purchase of suitable equipment for the home-nursing of premature infants. One cot and the necessary accessories was purchased, and has been made use of, on one occasion during the year. More recently, by arrangement with the Public Assistance Committee, a ward for premature infants

has been equipped at the Public Assistance Institution (Belvedere Hospital).

Care of Illegitimate Children. The marked increase in the number of illegitimate births during the war years is a matter for serious concern—more especially since the suitable placing of these unfortunate infants has become increasingly difficult.

Circular 2866 of the Ministry of Health suggested that Welfare Authorities should co-operate with, and reinforce the work of voluntary moral welfare organisations and this suggestion has been implemented by the making of a grant to the Committee of the Girls' Home in the town. This home has done much valuable work in the district for many years, but has unfortunately been seriously handicapped owing to lack of workers.

War-time Nursery. The War-time Nursery opened in November, 1942, and continued to be well attended during the year. The average number of children in attendance was 42 and they made 7,951 attendances during the year.

Home Help. During the year the Home Help attended 10 cases

Blood Transfusion Service. At the beginning of 1943 the Health Committee decided to establish a Blood Transfusion Service in the town, in conjunction with the Regional Blood Transfusion Service at Birmingham. This arrangement continued during 1945. A supply of blood is available for emergency use at the Borough Isolation Hospital, and the service operates very satisfactorily.

TABLE I.

COUNTY BOROUGH OF BURTON UPON TRENT

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1945 (after correction)

Notifiable Disease	Number of cases notified							Total cases notified in each Locality of the District								
	At all Ages	All Ages—Years						Shobnall	Victoria	Horn'g'l'w	Uxbridge	Broadway	Burton	Winshill & Wetmore	Stapenhill	Removed to Hospital
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65										Over 65
Smallpox ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria ..	9	0	8	1	0	0	0	0	0	1	0	0	0	2	2	9
Erysipelas ..	3	0	0	0	0	1	2	0	0	0	1	1	0	1	0	0
Scarlet Fever ..	53	1	6	44	1	0	1	0	3	10	15	4	2	8	6	45
Enteric Fever ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerebro-Spinal Fever ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poliomyelitis ..	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
Influ. Pneumonia ..	9	1	4	0	0	1	3	0	4	1	5	1	0	0	2	0
Primary Pneumonia ..	21	0	3	3	3	6	3	4	1	2	1	1	3	4	5	1
Malaria ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polioencephalitis ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ophthalmia Neonatorum ..	3	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Pulmonary Tuberculosis ..	56	0	0	1	11	24	20	8	7	8	10	7	3	4	9	44
Other forms of Tuberculosis ..	6	0	1	2	0	2	1	1	0	1	1	1	1	0	1	5
Encephalitis Lethargica ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerperal Pyrexia ..	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
Measles ..	710	28	366	300	11	4	1	71	78	145	73	40	55	74	174	9
Whooping Cough ..	53	7	25	19	0	2	0	12	4	5	9	2	4	6	11	2
Dysentery ..	3	0	1	1	0	1	0	0	0	0	1	0	0	2	0	0
Totals ..	928	40	406	379	27	42	31	101	97	174	116	58	69	101	212	117

Burton upon Trent Isolation Hospital and Sanatorium is outside the Borough, with the exception of the new cubicle block.

TABLE II.

County Borough of Burton upon Trent
CAUSES OF, AND AGES AT, DEATH DURING THE YEAR 1945

Causes of Death 1	Nett deaths at the subjoined ages of "Residents" whether occurring within or without the District						
	All Ages 2	0—1 years 3	1—5 years 4	5—15 years 5	15—45 years 6	45—65 years 7	65 and upwards 8
All Causes	613	39	2	5	54	156	357
Typhoid and Paratyphoid Fevers .....	..	..	..	..	..	..	..
Cerebro Spinal Fever	1	1	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..	..
Whooping Cough	1	1	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..	..
Tuberculosis of Respiratory System	27	..	..	1	8	16	2
Other Forms of Tuberculosis	2	..	..	1	..	1	..
Syphilitic Diseases	5	..	..	..	1	3	1
Influenza	3	..	..	..	..	..	3
Measles	1	1	..	..	..	..	..
Acute Poliomyelitis and Polioencephalitis	1	..	..	1	..	..	..
Acute Inf. Encephalitis .....	..	..	..	..	..	..	..
Cancer of Buc: Cav: and Oesoph (M); Uterus (F)	10	..	..	..	..	3	7
Cancer of Stomach and Duodenum	15	..	..	..	1	6	8
Cancer of Breast	8	..	..	..	1	3	4
Cancer of all other sites	54	..	..	..	3	21	30
Diabetes	5	..	..	..	..	1	4
Intracranial Vascular Lesions	57	..	..	..	1	13	43
Heart Disease	158	..	..	..	4	32	122
Other Diseases of Circulatory System	26	..	..	..	..	7	19
Bronchitis	25	3	..	..	2	7	13
Pneumonia	31	8	..	..	5	7	11
Other Respiratory Diseases	13	..	..	..	4	4	5
Ulcer of Stomach or Duodenum	4	..	..	..	1	2	1
Diarrhoea, under 2 years	3	3	..	..	..	..	..
Appendicitis	7	..	..	..	2	4	1
Other Digestive Diseases	23	1	..	..	5	6	11
Nephritis	12	..	..	..	3	4	5
Puerperal and Post-Abort. Sepsis .....	..	..	..	..	..	..	..
Other Maternal Causes	2	..	..	..	2	..	..
Premature Birth	12	12	..	..	..	..	..
Con. Mal. Birth Inj. Infant Dis.	6	6	..	..	..	..	..
Suicide	3	..	..	..	1	1	1
Road Traffic Accidents	5	..	1	1	..	3	..
Other Violent Causes	16	2	1	1	6	3	3
All Other Causes	77	1	..	..	4	9	63

Meteorology.—A summary of the observations at the meteorological station at the Borough Isolation Hospital for the year appear below:—

MONTH	Rainfall				No. of days on which 0.01 inch or more fell	Mean	Temperature (in shade)						No. of nights at or below 32-deg.
	Total inches	Greatest in 24 hours		Date			Maximum		Minimum		Date		
		Depth	Date				Deg.	Date	Deg.	Date			
JANUARY	1.65	0.50	29	20	31.6	48	18	8	27 & 28	27	
FEBRUARY	2.35	0.41	11	19	43.7	59	18	29	4, 11 & 24	12	
MARCH..	0.75	0.35	19	11	45.5	67	23	24	3	17	
APRIL	1.49	0.56	1	13	49.4	75	16	28	30	9	
MAY	2.31	0.75	5	18	55.0	77	12	35	28	4	
JUNE	3.04	0.68	21	17	57.7	81	20	38	17	0	
JULY	2.70	0.61	1	13	61.5	83	15	45	3	0	
AUGUST	1.91	0.48	29	11	60.3	82	4	42	2	0	
SEPTEMBER	2.44	0.73	14	15	56.6	76	18	41	7 & 29	0	
OCTOBER	3.46	0.80	21	12	52.3	68	10	36	15	0	
NOVEMBER	0.28	0.06	2	11	43.8	58	8	27	27	7	
DECEMBER	2.00	0.44	23	20	39.4	54	16	24	31	18	
YEAR—1945	24.38	0.80	21 Oct.	180	49.7	83	15 July	8	27 & 28 Jan.	94	

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