#### [Report 1953] / Medical Officer of Health, Nuneaton Borough.

#### **Contributors**

Nuneaton (England). Borough Council.

#### **Publication/Creation**

1953

#### **Persistent URL**

https://wellcomecollection.org/works/a2gvsvu9

#### License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



HEALTH A 26 NOV54 C.R. 15



BOROUGH OF NUNEATON

## ANNUAL REPORT

OF THE

## **MEDICAL OFFICER OF HEALTH**

For the Year

1953

J. H. BRISCOE-SMITH, M.B., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

Digitized by the Internet Archive in 2018 with funding from Wellcome Library



BOROUGH OF NUNEATON

# ANNUAL

of the

Medical Officer of Health

FOR THE YEAR

#### MEMBERS OF THE HEALTH AND HOUSING COMMITTEE

(as on 31st December, 1953)

His Worship The Mayor (Alderman C. H. Cartwright, J.P.)

The Deputy Mayor (Councillor H. A. Corbett)

Chairman (Councillor F. B. J. Warr)

Deputy Chairman (Councillor R. Wilkinson)

#### Members

Alderman W. R. Chamberlain

Councillor F. Bailey

- G. L. J. Cossey
- ., A. Cox
- ., H. J. Deeming
- .. L. Ford
- .. J. W. Lee
- " C. P. Mann
- .. M. R. Moreton
- .. G. W. Palmer
- , A. W. Sherriff
- ., L. Whetstone

#### STAFF OF HEALTH DEPARTMENT

(as on 31st December, 1953)

Medical Officer of Health

(G. R. Kershaw, M.A., M.R.C.S., L.R.C.P., D.P.H. (resigned 30th Sept., 1953).

J. H. Briscoe-Smith, M.B., Ch.B., M.R.C.S., L.R.C.P., D.P.H. (Comm. duty 16th Nov., 1953).

Deputy Medical Officer of Health

L. S. Stephens M.,B., Ch.B., D.R.C.O.G., D.P.H. (appointed 1st Feb., 1953).

Chief Sanitary Inspector

K. P. Llewellyn, Cert.R.S.I., Cert. Meat Inspector.

Additional Sanitary Inspectors and Meat Inspectors

E. C. Herold, Cert.R.S.I., Cert. Meat Inspector.

J. T. Bruen, Cert.R.S.I., Cert. Meat Inspector. (resigned 5th January, 1953).

A. J. Collett, Cert.R.S.I., Cert. Meat Inspector.

R. D. Davies, Cert.R.S.I., Cert. Meat Inspector. (appointed 1st April, 1953).

Pupil Sanitary Inspector

R. T. Newman.

Rodent Control Operatives

(P. B. Jackson. C. Oakey.

Chief Clerk

W. Wood.

#### BOROUGH OF NUNEATON

Health Department, Council House, Nuneaton.

#### To the Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit to you the Annual Statistical Report on the health of the Borough during the year 1953.

#### Vital Statistics and Social Conditions

The principal vital statistics for 1953 are set out on Page 9. There were 86 more live births than in 1952, making a total of 943. This gives a corrected birth rate of 16.7 per thousand of the population, which approximates closely to the rate for 160 County Boroughs and great towns (17.0), and is somewhat higher than the figure for the whole of England and Wales (15.5) as shown in the Registrar General's Statistical Report. The number of illegitimate births—35—remains the same as in the previous year, and there was little change in the still-birth rate. It is encouraging to see that the infant mortality rate, which reached the abnormally high figure of 43.1 per thousand live births in 1952, has again fallen and is now 23.3, a figure which is below that recorded for the whole of England and Wales (26.8).

analysis of infant deaths on Page 12 shows The that of the 22 deaths in children under one year, 15 occurred in the first week of life and were directly related to the hazards of childbirth, the remaining 7 deaths occurred at ages between 1 and 12 months, and only 4 of these can be attributed to These figures are significant when one considers infection. the large proportion of infant deaths which at one time occurred as a result of infectious disease, especially gastroenteritis. The prevention of infant deaths is now largely a matter of ante-natal care of the mother, since conditions which may cause the death of the child at or shortly following birth may often be related to conditions affecting the mother during Investigations are being undertaken on a her pregnancy. national scale to ascertain the extent to which the incidence of congenital abnormalities is affected by certain infectious diseases, if these are contracted by the mother during her pregnancy. Conditions such as prematurity and atelectasis may well be due to some nutritional or other factors of which we are not yet aware. There is much to be learned before any further significant decrease may be expected in the infant mortality rate but, in the meantime, our efforts must be directed to ensuring that the mother is well cared for during her pregnancy and that she is in the best possible physical condition when she comes to her confinement.

A total of 526 deaths of all ages was recorded for the year, which gives a corrected death rate of 11.07 per thousand of the population. The principal causes of death are shown on Page

11. Conditions mainly affecting the aged, such as heart diseases, vascular lesions of the nervous system and various forms of cancer, predominate. Pneumonia and bronchitis are also still a frequent cause of death in older people. The acute infectious diseases are becoming increasingly insignificant as a cause of death. Once again there were no deaths from diphtheria, whooping cough or measles. One death occurred as a result of acute poliomyelitis, and 16 from pulmonary tuberculosis. Although there have been 5 more deaths from tuberculosis in 1953 than there were in 1952, this is not considered to indicate an upward trend in view of the small numbers involved.

#### Prevalence and Control of Infectious Diseases

There was a moderate amount of measles during the year, a total of 423 cases being notified. This disease had been prevalent during the winter months and reached a peak in the middle of July. The incidence continued high throughout the month of August, being unaffected by the dispersal of the school children for the summer holiday, and then gradually declined. There were fewer cases of scarlet fever and whooping cough than usual and only one case of dysentery was notified.

Four cases of malaria were notified by Medical Practitioners within the Borough. This disease has been notifiable for a number of years but the fourth schedule of the new Public Health (Infectious Diseases) Regulations, 1953, requires the Medical Officer of Health to ascertain whether the infection was contracted in this country and, if so, to notify the Ministry of Health immediately. All 4 cases reported were ex-servicemen who had recently returned from abroad and were in the nature of relapses following infection overseas.

#### Poliomyelitis

There was an outbreak of acute anterior poliomyelitis during the summer months. In all, 15 cases were notified, of whom 9 developed paralysis and 6 were of the non-paralytic variety. Four of the paralytic cases were pre-school children. Fortunately all of them made a good recovery, although one child of  $2\frac{1}{2}$  years was in an iron lung for three weeks during the acute stage of the illness. Six school children were affected, of whom 3 developed paralysis, but it is pleasing to report that of these one had made an almost complete recovery by the end of the year, and although the others had some residual paralysis neither is likely to be left with any severe disability. Unfortunately, one death occurred. This was a youth of 18 years living in a probation hostel in the town. The hostel was closed for two weeks to prevent spread of the disease and no other cases occurred there.

As is usual with poliomyelitis, the majority of the cases occurred during the summer and autumn. This is a period when children spend a lot of time out of doors and indulge in vigorous exercise. There is evidence that fatigue in a person who has been infected with poliomyelitis but who has not yet become ill may increase the likelihood of paralysis developing and becoming severe. It is, therefore, important that when poliomyelitis is prevalent parents should make every effort to see that their

children, while getting out into the open air as much as possible, do not overtire themselves.

#### Tuberculosis

As will be seen from table VI on Page 13, 79 new cases of tuberculosis (71 pulmonary and 8 non-pulmonary) were notified during the year. This was 24 less than in 1952. On the other hand, notifications in 1952 were high, mainly as a result of cases discovered by the Mass Radiography Unit of the Regional Hospital Board which visited the area for a month during the early summer of that year.

No public survey was carried out during 1953 by the Mass Radiography Unit. The Unit did, however, visit the Higham Lane Schools during March, when 922 children were X-rayed. Only one case of active pulmonary tuberculosis was diagnosed, although several children were referred for treatment for other non-tuberculous conditions.

On Page 14, table VII shows the new notifications of tuberculosis and the deaths from this disease over the past 10 years, together with the number of cases remaining on the register at the end of each year. It will be seen from this table that, while the number of new cases of pulmonary tuberculosis notified has fluctuated, it cannot be said that there has been any significant decrease during the 10-year period. This does not necessarily mean that there has been no decrease in the incidence of the disease, since modern diagnostic methods, notably the use of the Mass Radiography Unit, have led to much better ascertainment of cases. During the same period it will be seen that there has been a decline in the number of deaths from all forms of tuberculosis.

The better ascertainment of cases, decreased mortality and more prolonged treatment have all contributed to an increase in the number of cases of tuberculosis on the register. So far as this increase has been due to better ascertainment, it is extremely valuable in the control of the disease, since it means that more cases are being brought under supervision early and can be treated and taught to take the necessary measures to prevent the spread of infection.

#### Inspection and Supervision of Food

Although only one case of food poisoning was notified by a Medical Practitioner, investigations were undertaken in connection with other food infections. An elderly couple came to our notice when they were taken ill following the consumption of some pressed beef which they had purchased from a butcher's shop, and on investigation it was found that another person had also had a mild illness after eating some of this meat. An organism, staphylococcus aureus, was found in a portion of the food which was sent for examination, and was also isolated from a specimen taken from one of the patients. Nose swabs from the butcher and his assistant who had prepared the food also showed a growth of this organism. Further bacteriological investigations proved that in all these cases the strain of staphylococcus was identical. The fact that the organism

could not be isolated from specimens taken from the other two persons who were ill is not significant since, in this type of food poisoning, illness can occur as a result of poisons produced in the food by the staphylococcus and which persist even though the germ itself is no longer present or has been destroyed by cooking.

Another outbreak of food poisoning which involved 4 Nuneaton people occurred in London. They were members of a coach party who went there for a day trip. A total of 25 persons in this party were affected and were treated at the Middlesex Hospital. Investigations by the local Medical Officer of Health led to the conclusion that this outbreak was also due to staphylococcal food poisoning.

This type of food poisoning is very common, and the organism, which is found in the nose and throat and in septic wounds, is very easily transferred to food, unless the strictest precautions are taken by food handlers. The Public Health (Infectious Diseases) Regulations 1953, which came into force during the year, have recognised its importance by including staphylococcal infection among the conditions for which a person may be prohibited from entering employment as a food handler or continuing in this occupation if he is already so employed. The regulations have also strengthened the hand of local authorities by allowing the exclusion from food handling not only of all persons suffering from certain specified diseases, but also of anyone who is shown to be a carrier of the germs of any of these diseases, even though he may be otherwise healthy. They also permit action to be taken by local authorities to secure the medical examination of food handlers suspected of suffering from or carrying the germs of the diseases likely to cause food poisoning and who are unwilling to undergo such an examination voluntarily.

While welcoming the powers these regulations give to control persons engaged in the handling of food, it cannot be too strongly stressed that the prevention of food poisoning depends mainly upon the training of food handlers in the measures which they can take to ensure that they do not transfer infection from their persons to the food which they are handling. These measures are, in the main, simple. The maintenance of a high standard of personal hygiene, frequent hand washing, particularly after the use of the toilet, immediate first-aid treatment for wounds, especially of the hands, and the realisation of the need to report immediately any bowel, skin or other infection. Already lectures to food handlers have been held and letters have been sent to food preparing, handling and catering This instruction has been reinforced by the establishments. efforts of the Sanitary Inspectors in the course of their routine visits to food premises, and these measures will be continued in the future.

#### Housing

Table IX on Page 15 shows the numbers and sites of houses erected by the Council since the war up to December 31st, 1953.

During 1953 extensive progress has been made in the

building programme. A total of 401 houses were erected in the Borough during the year compared with 333 in 1952. Most of this development took place on the Camp Hill Estate where, in July, the 2,000th post-war house was officially opened. On this Estate also, in September, the National Coal Board arranged a similar ceremony marking the completion of the 100th house erected there by their housing association. It is the intention of the Borough Council that 1,181 houses shall eventually be erected by them on this estate, and to these will be added a total of 230 houses erected by the Coal Industry Housing Association. The lay-out of the estate has been designed to provide a shopping centre and various community buildings to satisfy the social and religious needs of the neighbourhood, and a general purposes clinic has already been erected by the Warwickshire County Council and will soon be open for school health and infant welfare work.

In preparing this, my first Report, I have had to rely largely upon information collected by my predecessor, Dr. G. R. Kershaw, and I wish to express my appreciation for the help and advice which he so freely offered when I took up my duties in November, 1953. My thanks are due to the Officers of other departments and authorities, and particularly to the staff of the Health Department for their help since my appointment. I also desire to thank you, Mr. Chairman and the Members of the Committee for the consideration you have shown me.

J. H. BRISCOE-SMITH, Medical Officer of Health.

1st November, 1954.

Table I
VITAL STATISTICS AND SOCIAL CONDITIONS

Area of District					11,767 acres
Population (Registrar (	General's	Estimat	e) Mid.	1953	54,970
Rateable value					£308,768
General Rate Levied					26/-
Product of Penny rate					£1,270

Live	Birt	hs		Males	Females	Total
Legitimate Illegitimate			 	483 18	425 17	908 35
Total			 	501	442	943
Still	birth	ıs				
Legitimate Illegitimate			 	10	9	19 —
Total			 	10	9	19
All birt	hs .		 	511	451	962

Birth Rate 16.71 per 1,000 population (corrected)
Birth Rate 17.15 per 1,000 population (live births) (crude)
Sex Ratio at Birth 1,133 males per 1,000 females
Stillbirth Rate 0.35 per 1,000 population
19.75 per 1,000 total births

Deaths	Males	Females	Total
All ages	307	219	526
Under one year	12	10	22

Crude Death Rate 9.56 per 1,000 population Corrected Death Rate 11.07 per 1,000 population Infant Mortality Rate 23.33 per 1,000 live births

Number of women dying in, or in consequence of childbirth: One

Deaths from Measles (all ages) ... ... Nil
Deaths from Whooping Cough ... ... Nil

Table II
VITAL STATISTICS, 1901-1953

Ten year Average	Popula- tion	No. of Deaths	No. of Births	No. of Infant Deaths	Death Rate	Birth Rate	Infant Mortality Rate
1901-10 1911-20	30,822 38,697	382 472	1,034 1,076	129 109	12.5 12.2	33.6 26.8	126 100
1921-30	44,152	444	939	63	9.9	20.9	66.9
1931-40	47,971	497	807	48	10.3	16.8	59.4
1941—50	51,262	540	1,063	48	10.6	20,7	44,7
Yearly							
1951	54,120	611	917	22	11.2	16.9	23.9
1952	54,340	541	857	37	9.9	15.7	43.1
1953	54,970	526	943	22	9.6	17.2	23.3

Table III
CAUSES OF DEATH, 1953

Causes of Death	Males	Females	Total
All Causes	307	219	526
Tuberculosis—Respiratory	13	2	15
Tuberculosis—Other Forms		1	1
Syphilitic Disease	_	-	
Diphtheria	_	-	
Whooping Cough	_	_	-
Meningococcal Infections	_	-	_
Acute Poliomyelitis	1	_	1
Measles	-	-	-
Other Infective and Parasitic			
Diseases	1	_	1
Malignant Neoplasm, Stomach	10	5	15
Malignant Neoplasm, Lung, Bron-	00		OF.
chus	23	2	25
Malignant Neoplasm, Breast		7 2	7 2
Malignant Neoplasm, Uterus	_	2	2
Other Malignant and Lymphatic	22	12	34
Neoplasms	1	12	1
	î	3	4
Vascular Lesions of Nervous System	44	43	87
Coronary Disease, Angina	51	35	86
Hypertension with Heart Disease	2	7	9
Other Heart Disease	28	35	63
Other Circulatory Disease	6	6	12
Influenza	1	2	3
Pneumonia	9	10	19
	28	3	31
Other Diseases of Respiratory System	7	2	9
Ulcer of Stomach and Duodenum	5	3	8
Gastritis, Enteritis and Diarrhœa	-	_	-
Nephritis and Nephrosis	1	5	6
Hyperplasia of Prostate	5	_	5
Pregnancy, Childbirth, Abortion	_	1	1
Congenital Malformations	1	2	3
Other Defined and Ill-defined			
Diseases	29	23	52
Motor Vehicles Accidents	3	_	3
All Other Accidents	13	6	19
Suicide	2	2	4
Homicide and Operations of War	_	_	

Table IV

INFANT MORTALITY

ANALYSIS OF INFANT DEATHS, 1953

Causes of Death	1st. week			4th.	Total und'r 4 wks	1-3			10-12	Total under 1 year
Congenital										
Malformations	2	-	-	-	2	1	-	-	-	3
Asphyxia	1	-	_	_	1	1		_	_	2
Prematurity	5	-	-	_	5		-			5
Atelectasis	2	_	-		2	-	-	-	-	2
Birth Injuries	1	_	_	_	1	_	_	_	_	1
Cerebral					-					
Haemorrhage	1	_	_	_	1	-	_	1		2
Pneumonia and						100000				
Bronchitis	_		_	_	_	1	_	, 2	_	3
Meningitis	_	-	_	_		1	_	-	_	1
Haemorrhagic Disease of New-					-					
born	2	_	_	_	2		_	_	_	2
Haemorrhage	-	1				7.00			33.50	-7
from Umbilical										1
Cord	1	-	-	-	1	-	-	-	-	1
Totals	15	_	_	_	15	4	_	3	_	22

Table V
NOTIFICATION OF INFECTIOUS DISEASES
(Totals after any cancellations)

	0	1	3	5	10	15	25	45	65 +	Ages	Total
Disease	1	2	4	9	14	24	44	64		Aunk	
Scarlet Fever	1	4	11	58	7	2		2	_	_	85
Measles	14	69	117	209	2	2			-	10.	423
Whooping Cough	4	13	24	17		-	-	-	-	4	62
Pneumonia	2	4	1	1	-	2	7	10	7	3	37
Dysentery	-		-	1-		-	1	-	-	-	1
Erysipelas		-	-	-	-	-	1	5	1	-	7
Meningococcal	,										
Infection Malaria	1	1	-	_	-	1		-	-		3 4 1 2
Food Poisoning	_	_	-	-		1	3	_	_	_	4
Puerperal Pyrexia			=	-			2	-			1
Poliomyelitis			-	1	_		-	-	_	-	2
Paralytic	2	2	_	1	2	1	1		_	_	9
Non-Paralytic		ĩ	_	2	1	1	î	_	_		6

Remarks: The only death occurring during the year of a person notified as suffering from an infectious disease was that of a male aged 18 years as a result of Paralytic Poliomyelitis.

Table VI
TUBERCULOSIS

Ag	ge Peri	od			fied Ca				aths	on
			Pulmo M.	F.	Pulmo M.	F.	Pulmo M.	F.	Pulmo M.	nary
	years		1	_	-	_	_	_	_	_ 1
1- 5 5-15	"		8	6	_	1	_	1	_	
15-25 25-35	,,		6 8	8	1	2	_	1	_	_
35-45	,,		5 7	9	_	_	1	_	_	_
45-55	,,			_	-	_	7	-	-	-
55-65 65+	"		5 6		1	Ξ	3	_	=	=
	Totals		47	24	4	4	13	2	_	1

		Pulm	onary	Non-Pu	Total	
		M.	F.	M.	F.	
Cases	s on Register 1st Jan. 1953	259	235	37	42	573
,,,	Removed during 1953	32	21	6	7	66
"	Added during 1953	49	27	4	5	85
**	on Register 31st Dec. 195	3 276	241	35	40	592

#### PULMONARY TUBERCULOSIS, 1953

Stage of Disease at Notification

		R.B.			R.A.	
Not Known	3	2	1	3	2	1
10	6	17	1	1	10	26

Table VII
TUBERCULOSIS

		New Cases Notified		aths	Cases Remaining on Register on 31st December		
	Pul- monary	Non-Pul- monary	Pul- monary	Non-Pul- monary	Pul- monary	Non-Pul- monary	
1944	48	17	39	8	269	127	
1945	83	8	22	3	334	132	
1946	60	6	34	7	371	140	
1947	84	13	23	3	423	146	
1948	108	15	20	2	360	84	
1949	96	10	28	6	416	79	
1950	60	14	23	7	436	84	
1951	69	8	12	3	470	87	
1952	91	12	8	3	494	79	
1953	71	8	15	1	517	75	

Table VIII
INFANT WELFARE CLINICS

The following table shows the number of infant welfare clinics functioning in the Borough during 1953. Each session was attended by health visitors and a medical officer.

Clinic	Frequency
Riversley Park	Every Monday, Tuesday and Wednesday
Stockingford	Every Monday and Wednesday

#### Table IX

#### SITUATION OF POST-WAR COUNCIL HOUSES

#### ERECTED BY 31st DECEMBER, 1953

Estate				No.	Completed
Abbey Street (Flats)		 			_
Attleborough		 			49
Bucks Hill		 			46
Caldwell Estate		 		=	366
Camp Hill Estate		 			304
Church Street (Flats		 			58
Green Lane		 			60
Greenmoor Road		 			46
Heath End Road					48
Hill Top (East) Esta		 			957
Marston Estate					240
Mount Street (Flats)		 			27
Ramsden Avenue		 			34
TT 11 D 1					36
Valley Road Various small sites		 ***			0.4
TT T					246
Weddington		 			84
Whittleford Road Est	ate	 ***			70
			Т	otal	2.155

Total Houses Erected during the year = 401

#### SANITARY CIRCUMSTANCES OF THE DISTRICT

#### NUMBER AND NATURE OF INSPECTIONS AND VISITS MADE DURING THE YEAR

Pul	olic Health					
	Dwelling-houses (number of number of number) Dwelling-houses (re-inspections	1		inspec		1,015 1,310
	Dwelling-houses (inspections re					 259
	Inspections:					
	Municipal Lodging House					 37
	Moveable Dwellings	***				 41
	Offensive Trades					 1
	Smoke Observations					 15
	Drains tested or inspected					 32
	Visits to cases of infectious dis					 138
	Disinfections (infectious disease	9)				 147
	Disinfestations (vermin)					 179
77.						
10	using					
	Dwelling-houses inspected for					523
	the Housing Act, 1936 Dwelling-houses—re-inspections					150
	Dweining-nouses—re-mspections					 130
Foo	od and Drugs					
	Attendances at Abattoir					 697
	Inspections:					
	Butchers Shops					 3
	Dairies					 14
	Bakehouses					 2
	Fried Fish Shops					 2
	Licensed premises					 36
	Other food premises					 69
	Private pigs inspected					159
	Visits to premises for food inspe	ection				 171
	Visits to premises for food sam					
	visits to premises for rood same	piiiig				 1.0
Mi	scellaneous					
	Inspections under the Pet Anin	nals A	Act.	1952		 2
	Inspections under the Shops Ac					 152
	Inspections under the Prevention				by P	201
	Act, 1949					 751

#### NUMBER OF NOTICES SERVED

Public Health Act, 1936					
Informal					379
Statutory					80
RESULT OF SERVICE OF	NOT	ICES			
General Repairs					
Roofs repaired and made weathern	roof				81
Spouting repaired or renewed					52
Windows repaired or renewed					96
Staircases repaired or renewed					2
Floors repaired or renewed					93
Doors repaired or renewed					13
Walls and ceilings re-plastered				***	150
Cooking facilities provided or impro	ved				19
Fireplaces repaired or replaced	***		111	111	22
Walls re-pointed New sinks provided		***	***	***	28
New sinks provided Sink waste pipes repaired or renewe					19
Washing coppers repaired or renewe					30
Chimneys repaired					44
Damp-proof courses provided					5
Ventilation of rooms improved					3
Wash-houses repaired or rebuilt					6
Drainage					
Drains cleared from obstruction					239
New drains provided					5
Defective drains repaired or relaid					12
Drainage inspection chambers provi	ded (	or ren	iewec	l	16
Yard pavement re-laid or repaired		***	***		1
Sanitary Accommodation					
					4.77
W.C. Cisterns repaired or renewed New W.C. pedestals provided				***	47 39
W.C. Buildings re-built or repaired					7
W.C.'s repaired					27
morb reputied					21
Domestic Refuse					
New dustbins provided (a) by the C	ounci	1			123
(b) by owner					4
Water Cumple					
Water Supply					
Domestic water services renewed					62
Miscellaneous					
					100
Offensive accumulations removed					4
Filthy houses cleaned	***		***		1

#### WATER SUPPLY

#### SOURCES OF SUPPLY, CONSUMPTION, ETC.

The main sources of supply of water to the district are as follows:

- A piped supply from the Desford Reservoirs (Leicestershire).
- (2) Deep wells at Whittleford, Robinsons End, Newtown Road and the White Stone, Lutterworth Road.

With the exception of the water from the White Stone Well, all supplies are subject to treatment before consumption.

The water from Desford and the Whittleford well is filtered and chlorinated, and that from Robinsons End and Newtown Road, is chlorinated.

The average daily consumption of water in the Borough during 1953 was 1,801,534 gallons. The maximum consumption in any one day was 2,107,000 gallons. The number of houses being supplied direct from public water mains at the end of the year was approximately 15,900.

#### Extensions to Mains

The extensions to mains totalled 1,232 yards of 6 in. pipes, 4,458 yards of 4 in. pipes and 1,426 yards of 3 in. pipes, details of such extensions being as follows:

Camp Hill Estate			 	1,232	yards	of	6	inch
				3,768	,,	,,		- ,,
				1,134	27	,,		,,
Hill Top (East) Esta	ite		 	60	,,	"		"
				96	,,	,,	3	,,
Caldwell Estate		***	 	196	,,	"	3	,,
Cleveley Drive			 	52	,,	,,	4	**
Mancetter Road			 	38	,,	,,	4	,,,
Bermuda Village			 	540	**	,,	4	,,

#### SAMPLING

Regular sampling from each source of supply has been carried out as follows:

		samples ken	Cher	nical	Bacteriological		
Place of Sampling	Chemical	Bacterio- logical	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory	
Tuttle Hill Booster Station (Desford Supply)	12	22	12	-	22	_	
Whittleford Pumping Station (1) Raw (2) Treated Robinsons End Pumping Station	12	22 21	_ 12	Ξ	21 21	1 —	
(1) Raw	6	23	6	_	19	4	
(2) Treated	12	24	-12	_	23	1	
White Stone Well Newtown Road,	12	21	12	-	21	-	
Borehole	12	21	12	_	21	_	
Miscellaneous	-	3	-	-	1	2	
Totals	66	157	66	_	149	8	

#### SPECIMEN CHEMICAL ANALYSES

		Sour	rces of Su	ipply	
	Tuttle Hill Reservoir	White Stone Well	Robinsons	Newtown Road	Whittleford
Appearance	Bright & clear	Bright & clear	Bright & clear	Bright & clear	Bright &
Total dissolved solids . Oxygen absorbed (4 hours at 26.7 deg. C.)	21.9 0.095	53.2 0.012	51.4 0.008	66.4 0.010	68.6 0.008
Chlorides as Cl	1.42	2.53	3.40	2.00	3.80
Free & saline ammonia	Trace	Nil	0.004	0.006	Nil
Albuminoid ammonia .	0.003	Nil	Trace	Nil	Nil
Nitrites	Nil	Nil	Nii	Nil	Nil
Nitrates	0.10	0.10	0.06	0.02	0.03
Temporary hardness	2.25	17.0	18.5	9.0	16.0
Permanent hardness	11.75	18.5	12.5	26.0	24.0
Total hardness	14.00	35.5	31.0	35.0	40.0
pH Value Alkalinity as CaCo3	7.3 6.3	7.3 18.5	7.3 22.5	7.4 12.0	7.3 19.2

Note: Results expressed in parts per 100,000.

#### SWIMMING BATHS

The Public Swimming Baths at St. Mary's Road were open to the public from the 2nd May to the 27th September. During this period the number of persons using the baths was as follows:

Adults		***	***			69,488
Schoolch	ildren	:				
Boys						8,385
Girls						4,769
				т	otal	82,642

Chemical and Bacteriological samples of the water were taken at regular intervals during the season, the number and results being as follows:

Chemical		Bacteriological					
Satisfactory	 512	Satisfactory			31		
Unsatisfactory	 -	Unsatisfactory			1		

#### DRAINAGE AND SEWERAGE

#### SEWER EXTENSIONS

Sewerage extensions during the year have been as follows: Camp Hill Estate:

Foul Sewers	 	 	1,927	yards	0	f 6	inch
Storm water sewers	 	 	2,345	,,	,,	6	,,
			853	,,	,,	9	,,
			211	,,	,,	12	,,
			188	"	,,	15	,,
Barpool Valley Sewer:							
			854	yards	of	15	inch
			665	,,	,,	18	,,
		1	1,278	,,	,,	21	,,

#### RODENT CONTROL

The following is a tabulated statement of rodent control work carried out during the year:

		Typ	oe of Pi	operty	
	Local Authority	Dwelling house		All other (including Business & Industrial	Total
Total number of proper- ties in district	30	15,445	73	1,650	17,198
Number of properties in- spected during the year as a result of: (a) notification	(a) 9	, 454	5	96	564
(b) otherwise	(b) 4	32	-	10	46
Number of properties found to be infested by	Major 6	14	4	12	36
rats	Minor 18	399	5	62	484
Number of properties found to be seriously in- fested by mice	_	3	_	1	4
Number of infested properties treated	25	458	4	98	588

Note: The figures above relate to the *number of properties* inspected and not to the number of inspections, infestations or treatments at each property.

#### SEWER TREATMENT

The treatment of sewers for rat infestation was carried out at follows:

Test baiting Period of test baiting	April 20th—25th April	October 5th—9th Oct.
No. of manholes tested No. of manholes tested		175
showing bait take	33	76
Treatment	*	
Period of treatment	27th April—2nd May	12th 19th Oct.
Bait Base and Poison	Sausage Rusk &	Bread Mash &
used	Zinc Phosphide	Arsenic
	216	318

#### PUBLIC CLEANSING

The approximate weight of refuse collected during the year was 9.895 tons 15 cwts.

The plant for the disposal of offals, condemned meat, fish, etc., for the production of fertilizers and feeding stuffs, etc., has been working satisfactorily and has produced the following during the year:

				Tons	cwts.	qrs.	lbs.
No. 1 Fertilize	er		 	9	2	1	0
"Etone" "			 		11	1	14
Bone Meal			 	1	4	1	0
Meat Meal			 	11	2	0	0
Dried Blood			 	1	6	0	14
Grease and F	ats		 	19	5	0	0
Concentrated	Pig F	ood	 	307	18	0	0
Compage			 	229	6	0	14

#### SALVAGE

Waste Paper	 	 	Tons 349	cwts. 17	qrs.	lbs.
Rags	 	 		18	3	0
Ferrous Metals	 	 	30	2	3	0
Kitchen Waste	 	 	307	18	0	0

#### LIST OF FACTORIES ON REGISTER

Aerated Waters	1	Leather goods making	2
Agricultural machine re-		Lighting fittings	1
pairing	1	Marble masons	2
Art silk winding	1	Metal foundry	1
Bakers	20	Metal polishing	1
Beer bottlers	2	Motor repairs 2	29
Biscuit making	1	Needle making	1
Blacksmith	2	Photography	4
Boot making	3	Plumbing	4
Boot repairers	6	Potato crisp making	1
Box making	2	Preservation and packing	1
Brick making	8	Printing	9
Cardboard games making .	1	Ribbon weaving and regalia	1
Chamois leathers making .	1	Sausage making	3
Coach painting	1	Sawyers	3
Cycle repairs	1	Scales repairing	1
Dairies	1	Sheep skin dressers	1
Dental repairs	1	Sheet metals	2
Dressmaking	2	Shuttlecock making	1
Elastic web making	1	Silk weaving	1
Electrical repairs	3	Soft furnishings	1
Electric undertaking	1	Spice mixing	1
Engineering	21	Spring seat centres	1
Felt hat making	1	Tailors	9
Flour milling	2	Tarmacadam	1
Gas undertaking	1	Tennis ball making	1
Gown alterations	1	Toolmaking	1
Gut scraping	1	Tyre assembly	1
Hosiery	8	Undertakers	2
Hosiery repairs	1	Upholsterers	4
Ironfounders	1	Vehicle and wagon repairs	2
Jam making	1	Watch repairs	2
Joinery	7	Welding	2
Knitwear	1	Wire work	
Laundries	2	Worsted spinning	1

## FACTORIES

## 1.—Inspections for purposes of provisions as to health:

	Number		Number of	
Premises.	on Register	Inspections	Written Notices	Occupiers prosecuted
<ul> <li>(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities</li> <li>(ii) Factories not included in (i) to which Section 7 applies</li> </ul>	14	2	-	-
<ul> <li>(a) Subject to the Local Authorities (Transfer of Enforcement) Order, 1938</li> <li>(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers'</li> </ul>	195	27	3	_
premises)	-	_	-	-
Total	209	29	3	

#### 2.—Cases in which Defects were found:

	Nur	mber of De	fects	
Particulars.	Found	Remedied	Referred by H.M. Inspector	Number of offences in respect of which Prosecutions were instituted
Want of cleanliness (S.1)	_	_	_	_
Overcrowding (S.2)	_	-	_	-
Unreasonable temperature (S.3)	_		_	_
Inadequate ventilation (S.4)	_	-	_	_
Ineffective drainage of floors (S.6)	-	-	_	-
Sanitary Conveniences (S.7)  (a) Insufficient	- 4 -	_ _	=	=
Other offences (not including offences relating to Homework)	_	_		_
Total	4	4	_	_

#### FOOD AND DRUGS ACT, 1938

One hundred and fifty-three samples were obtained under the above Act. These were as follows:

Dripping					1
Cooking Fat					8
Margarine					8
Tea					4
Ice Cream					6
Vinegar					2
Coffee					3
Butter					8
Sugar					8
Cheese					8
Milk					56
Sausage					5
Fever Mixture					1
Bronchial Tablets					3
Saccharin Tablets					2
Salad Cream					1
Tomato Sauce					3
Cream					6
Mineral Waters					1
Malted Food					1
Energy Tablets					1
Salmon					1
Ham					1
Preserves					1
Olive Oil					1
Condensed Milk					2
Buttered Buns					2
Mincemeat					2
Preserved Ginger					1
Sardines					1
Beef Suet					
Ginger Wine					1
Danish Pork					1
Potted Crab					1
Touca Orab	***	***	***		
			To	tal 1	153

Of these samples 113 were informal and 40 formal. Analyses showed the following results:

Satisfactory ... 142

Unsatisfactory ... 11

The unsatisfactory samples were:

No. 1248 (Informal). Milk. Deficient of 15 per cent. fat. No. 1251 (Informal). Milk. Deficient of 16 per cent. fat. No. 1253 (Informal). Milk. Deficient of 10 per cent fat. No. 1258 (Informal). Milk. Deficient of 13 per cent. fat.

No. 1263 (Formal). Milk. Deficient of 3 per cent. fat.

No. 1270 (Formal). Milk. Deficient of 5 per cent. fat.

No. 1274 (Formal). Milk. Deficient of 5 per cent. fat.

No. 1275 (Formal). Milk. Deficient of 13 per cent. fat.

No. 1320 (Informal). Milk. Approximately 2 per cent. added water.

No. 1330 (Informal). Buttered Buns. Approximately 33 per cent. foreign fat.

No. 1350 (Formal). Buttered Buns. Approximately 10 per cent. foreign fat.

Informal Samples Numbers 1248, 1251, 1253 and 1258 were followed by Formal Samples Numbers 1263, 1270, 1274 and 1275. Warning letters were addressed to the three vendors involved.

Sample Number 1320 was followed by Formal Sample Number 1329 which was genuine.

Sample Number 1330 was followed by Formal Sample Number 1350. Vendor warned by letter from Town Clerk.

#### MILK SUPPLY

#### MILK AND DAIRIES REGULATIONS, 1949.

Number of persons registered as distributors within the Borough under the Regulations ... ... ... 34

#### MILK (SPECIAL DESIGNATION) (RAW MILK) REGULATIONS, 1949

Number of persons licensed to sell Tuberculin Tested
Milk within the Borough ... ... ... ... ... ... 11

## MILK (SPECIAL DESIGNATION) PASTEURISED AND STERILISED MILK) REGULATIONS, 1949

Number of persons licensed to sell Sterilised Milk ... 34
Number of persons licensed to sell Pasteurised Milk ... 9
Number of persons licensed to sell Pasteurised Milk ... 1

#### SAMPLING

In addition to those procured under the Food and Drugs Act, 1938, samples were taken for the purpose of bacteriological examination. Particulars of samples taken and results obtained are as follows:

Type or designation. No. of samples Satisfactory Unsatisfactory Pasteurised:

Phosphatase Test	32	32	_
Methylene Blue	31	31	
Tuberculin Tested : Methylene Blue	5	4	1

#### ICE CREAM

#### Registration of Premises

Eight premises in the district are registered under the provisions of the Food and Drugs Act, 1938, for the manufacture and sale of ice cream, and one hundred and seventy-four for the sale of ice cream.

There are now only two premises where ice cream is manufactured and the remainder are selling ice cream which in the majority of cases is prepacked.

#### Sampling

Eighty-five samples of ice cream were taken, subjected to the methylene blue test, and graded as follows:

Grade 1	Grade 2	Grade 3	Grade 4
77	8	Nil	Nil

MEAT
CARCASES INSPECTED AND CONDEMNED, 1953

Detail	Cattle excluding cows	Cows	Calves	Sheep & Lambs	Pigs
Number killed	2,525	1,967	1,927	13,601	5,526
Number inspected	2,525	1,967	1,927	13,601	5,526
Tuberculosis only: Whole carcases condemned	22	46	6	_	36
Carcases of which some part or organ was condemned	670	803			468
Percentage of the number inspected affected with Tuberculosis	% 27.41	% 43.15	0.31	%	9.12
All diseases except Tuberculosis: Whole carcases condemned	11	17	45	71	50
Carcases of which some part or organ was condemned	1,151	1,116	12	402	335
Percentage of the number inspected affected with disease other than Tuberculosis	% 46.02	% 57.60	% 2.96	3.48	% 6.97

#### MEAT - QUANTITY CONDEMNED, 1953

DETAILS	Tons	Wei Cwts.	Ors.	lbs.
Tuberculosis: 46 carcases and all organs of cows	13	15	0	27
Portions of carcases of cows	1	9	1	16
Organs of cows	9	14	0	9
cows	6	3	1	39
Portions of carcases of cattle other than cows	1	0	0	1
Organs of cattle other than cows	7	5	1	6
6 carcases and all organs of calves	10.	2	3	9
36 carcases and all organs of pigs	2	0	2	21
Portions of carcases of pigs	1	18	2	0
Organs of pigs		19	0	19
Diseases other than tuberculosis: 17 carcases and all organs of cows	4	2	2	11
Portions of carcases of cows		8	0	6
Organs of cows	6	7	0	25
11 carcases and all organs of cattle other than cows	2	14	1	24
Portions of carcases of cattle		4	2	15
Organs of cattle other than cows	6	8	3	0
45 carcases and all organs of calves	1	2	1	20
Portions of carcases of calves	-	-	_	-
Organs of calves			3	3
50 carcases and all organs of pigs	2	6	3	0
Portions of carcases of pigs		3	3	16
Organs of pigs		12	1	2
71 carcases and all organs of sheep	1	11	2	11
Organs of sheep		11	0	0
Portions of carcases of sheep			1	8
Total Weight	71	3	3	11

OTHER FOODS CONDEMNED (including Tinned Meat), 1953

DETAILS						Weight			
DETA	ILLO					Tons	Cwts.	Qrs.	lbs
530 tins of meat							17	0	173
328 tins of fish			* *				1	2	12
4,597 tins of fruit						2	10	1	24
538 tins of vegetables						-	3	3	23
252 tins of milk							2	0	18
56 tins of soup							_	1	11
105 tins and jars of jam							1	1	51
Sausage							3	1	18
Cheese							1	2	12
Chocolate and sweets									2
Pickles and sauce									14
Fresh fish							1	1	0
Meat pies									6
Rabbits								3	22
Bacon								1	21
Cereals									20
Dried fruit								1	2
Fish paste									-
*									
Total Weight						4	5	1	7

