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U.D.C.**

Contributors

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ROTHWELL
URBAN DISTRICT COUNCIL
(NORTHANTS)



ANNUAL
REPORT

of the

Medical Officer of Health

For the Year 1956

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Rothwell Urban District Council

Chairman of the Council :

COUNCILLOR F. J. W. WEST, J.P., C.C.

Vice-Chairman of the Council :

COUNCILLOR F. PANTER.

Clerk to the Council :

MR. A. SHARMAN.

Members of the Public Health Committee :

COUNCILLORS MRS. I. E. ANDREWS, MESSRS. J. T. BUCKBY, R. L. DAINTY, T. NICHOLS, A. E. SHARMAN.

The CHAIRMAN and VICE-CHAIRMAN of the Council are ex-officio Members.

Public Health Officers of the Local Authority :

Medical Officer of Health :

JAMES CARROLL, M.B., B.CH., B.A.O., L.M., D.P.H.,
D.CH.

Also holds the appointments of

Medical Officer of Health, Burton Latimer Urban District Council.

Medical Officer of Health, Corby Urban District Council.

Medical Officer of Health, Desborough Urban District Council.

Medical Officer of Health, Kettering Rural District Council.

School Medical Officer.

Secretary :

MISS M. W. LANGLEY.

Surveyor and Public Health Inspector :

A. SMITH, M.R.S.I.A., M.R.SAN.I., CERT.S.I.B.

Holds the Royal Sanitary Institute Certificate as an Inspector of Meat and other Foods.

Public Health Department,
75 London Road,
KETTERING.

June, 1957.

*To the Chairman and Members of the
Rothwell Urban District Council.*

MR. CHAIRMAN, MRS. ANDREWS AND GENTLEMEN,

I have the honour to present my third Annual Report on the Health and Sanitary Circumstances of the Urban District for the year 1956.

The Vital Statistics for the year under review were as follows :—
The population (Registrar General's Estimate) was 4,720 showing an increase of 10 on last year's figure.

The Birth Rate 17.58 showed an increase on the 1955 figure of 15.29. The Death Rate 9.75 showed a decrease on the 1955 figure of 10.40 but this figure has remained relatively constant for a number of years. The Infant Mortality Rate was 12.05 as compared to 69.44 last year, which was the highest recorded figure for a number of years. It actually means, as will be seen from the text, that out of eighty-three live births there was one death under one year of age, in 1955 there were seventy-two live births resulting in five deaths under one year of age. There were again no deaths under the heading of Maternal Mortality which is very satisfactory.

Section F deals with the prevalence of and control over Infectious Diseases. There was a great reduction in the notification of Measles, two cases compared with 170 last year. Two cases of Scarlet Fever were notified as compared to five cases last year. One case of Non-Paralytic Poliomyelitis, one case of Meningococcal Meningitis and five cases of Food Poisoning were notified.

Sections C, D and E of the report have been submitted by your Public Health Inspector and Surveyor.

Section C deals with the Sanitary Circumstances of the area and an account of the Water Supply, Sewerage, and Sewage Disposal is given. Section D deals with the Public Health and Housing Acts. Section E gives an account of the Inspection and Supervision of Food.

In conclusion, I should like to thank the Chairman and Members of the Health Committee for their help and encouragement and Mr. Smith for information supplied for this report and for his ever ready assistance throughout the year. I should also like to thank Mr. Sharman and staff for assistance on many matters throughout the year. Finally, I appreciate very much the assistance received from Miss Langley in compiling this report.

I have the honour to be,

Your obedient Servant,

JAMES CARROLL,
Medical Officer of Health.

SUMMARY OF VITAL STATISTICS

The following is a summary of the principal statistics for the years
1952, 1953, 1954, 1955 and 1956

	1952	1953	1954	1955	1956
Area (acres)	3,638	3,638	3,638	3,638	3,638
Population (Registrar-General's estimate)	4,649	4,692	4,710	4,710	4,720
Number of Live Births	58	67	82	72	83
Legitimate	57	65	81	70	78
Illegitimate	1	2	1	2	5
Birth rate per 1,000 population ...	12.48	16.41	17.41	15.29	17.58
Number of Still Births	4	1	3	2	2
Legitimate	4	1	3	2	2
Illegitimate	—	—	—	—	—
Rate per 1,000 total (live and still births)	64.52	14.71	35.29	27.03	23.53
Rate per 1,000 population ...	0.86	0.21	0.64	0.42	0.42
Number of Deaths	47	53	58	49	46
Death rate per 1,000 population	10.11	11.30	12.31	10.40	9.75
Deaths from Pregnancy, Child-birth and Abortion	—	—	—	—	—
Infantile Mortality rate per 1,000 live births	17.24	14.93	—	69.44	12.05
Neonatal Mortality rate per 1,000 live births	17.24	14.93	—	13.89	12.05
Deaths from all forms of Tuberculosis	1	—	1	—	—
Deaths from Respiratory Tuberculosis	1	—	1	—	—
Deaths from Malignant Neoplasms	10	12	11	10	11
Deaths from Measles (all ages) ...	—	—	—	—	—
Deaths from Whooping Cough (all ages)	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age	—	—	—	—	—
Deaths from Acute Poliomyelitis and Polioencephalitis ...	—	—	—	—	—

SECTION A. Statistics and Social Conditions.

Area (acres)	3,638
Registrar General's estimate of resident population	4,720
Number of inhabited houses (end of 1956)	1,699
Rateable Value	£48,420
Sum represented by Penny Rate	£190

The chief occupations of the inhabitants are as follows:—Boot and Shoe manufacture, Ironstone Mining and manufacture of Agricultural Implements.

Extracts from Vital Statistics for the Year :

LIVE BIRTHS					<i>Total</i>	<i>Males</i>	<i>Females</i>
Legitimate					78	46	32
Illegitimate					5	3	2
TOTALS					83	49	34

Birth Rate per 1,000 of the estimated population 17.58

STILL BIRTHS					<i>Total</i>	<i>Males</i>	<i>Females</i>
Legitimate					2	1	1
Illegitimate					—	—	—
TOTALS					2	1	1

Rate per 1,000 total (live and still) births 23.53
 England and Wales 23.0

DEATHS					<i>Total</i>	<i>Males</i>	<i>Females</i>
					46	19	27

Death rate per 1,000 of the estimated population (crude) ... 9.75

Death rate per 1,000 of the estimated population (corrected) ... 8.97

Death rate from Pregnancy, Childbirth and Abortion ... —

Death rate of infants under one year of age :—

All infants per 1,000 live births 12.05

Legitimate infants per 1,000 legitimate live births ... —

Illegitimate infants per 1,000 illegitimate live births ... 200.0

Death rate from Measles (all ages) —

Death rate from Whooping Cough (all ages) —

Death rate from Enteritis and Diarrhoea (under two years of age) —

Death rate from Malignant Neoplasms 2.33

Death rate from Acute Poliomyelitis and Polioencephalitis ...	—
Death rate from Diphtheria	—
Death rate from Respiratory Tuberculosis	—
Death rate from Influenza	—
Death rate from Pneumonia	0.42
Death rate from Typhoid and Paratyphoid Fevers	—

Maternal Mortality Rates for :—	<i>Maternal Causes Excluding Abortion</i>	<i>Due to Abortion</i>	<i>Total Maternal Mortality</i>
England and Wales per 1,000 Total (Live and Still) Births	0.46	0.10	0.56
Rothwell Urban District	—	—	—

Deaths.—Comparability factor for 1956 was 0.92. The crude death rate per 1,000 population for 1956 was 9.75 which multiplied by the comparability factor of 0.92 supplied by the Registrar General, gives a corrected death rate of 8.97. This death rate of 8.97 is the rate which, it is assumed, would be arrived at if the age and sex distribution of the population of Rothwell Urban District was distributed in the same proportion as that of England and Wales as a whole.

England and Wales	11.7
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Births.—The following table shows the birth rate for 1956 together with the rate for England and Wales.

LIVE BIRTH RATES, 1956

A comparability factor has been issued for 1956 by the Registrar General, which allows for the different age and sex distribution of Rothwell and provides a basis for comparison with that of England and Wales as a whole.

Rothwell	17.58
Rothwell corrected by comparability factor 1.14	20.05
England and Wales	15.7

INFANTILE MORTALITY RATES, 1956

Infantile mortality is the number of deaths in children under one year of age per 1,000 live births. This is an indication of the environmental and social conditions of a community with special reference to housing, overcrowding and maternity and child welfare.

Rothwell	12.05
England and Wales	23.8

NEONATAL MORTALITY RATES, 1956

Neonatal mortality is the number of deaths in children under four weeks of age per 1,000 live births.

Rothwell	12.05
England and Wales	16.9

The causes of deaths in children under one year of age with age and sex distribution are given in the following table :—

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

<i>Age</i>	<i>Sex</i>	<i>Cause of Death</i>
4 days	M	Prematurity. Maternal Toxaemia. P.M.

The registered causes of death were as follows :—

	<i>Males</i>	<i>Females</i>	<i>Total</i>
All causes	19	27	46
1. Tuberculosis, respiratory	—	—	—
2. Tuberculosis, other	—	—	—
3. Syphilitic disease	—	—	—
4. Diphtheria	—	—	—
5. Whooping Cough	—	—	—
6. Meningococcal infections	—	—	—
7. Acute poliomyelitis	—	—	—
8. Measles	—	—	—
9. Other infective and parasitic diseases	—	—	—
10. Malignant neoplasm stomach	2	—	2
11. Malignant neoplasm lung bronchus	—	—	—
12. Malignant neoplasm breast	—	4	4
13. Malignant neoplasm uterus	—	—	—
14. Other malignant and lymphatic neoplasms	1	4	5
15. Leukaemia, aleukaemia	—	—	—
16. Diabetes	—	—	—
17. Vascular lesions of nervous system	3	6	9
18. Coronary disease, angina	5	1	6
19. Hypertension with heart disease	—	—	—
20. Other heart disease	—	1	1
21. Other circulatory disease	1	2	3
22. Influenza	—	—	—
23. Pneumonia	—	2	2
24. Bronchitis	2	1	3
25. Other disease of the respiratory system	—	1	1
26. Ulcer and stomach duodenum	—	—	—
27. Gastritis, enteritis and diarrhoea	—	—	—
28. Nephritis and nephrosis	—	—	—
29. Hyperplasia of prostate	—	—	—
30. Pregnancy, childbirth, abortion	—	—	—
31. Congenital malformations	—	—	—

Registered causes of death— <i>continued</i>					<i>Males</i>	<i>Females</i>	<i>Total</i>
32.	Other defined and ill-defined diseases	...	...	...	3	2	5
33.	Motor vehicle accidents	...	...	...	—	1	1
34.	All other accidents	...	...	...	2	1	3
35.	Suicide	...	...	...	—	1	1
36.	Homicide and operations of war	...	...	...	—	—	—

SECTION B. General Provision of Health Services.

(a) **Laboratory Facilities.**—Bacteriological examinations are carried out by the Public Health Laboratory at Northampton and by the Laboratory of the Kettering General Hospital.

The following specimens were examined :—

Faeces	2
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(b) **Ambulance Facilities.**—The County Council is responsible for Ambulance Services. The St. John Ambulance Brigade carry out the service on behalf of the County Council for non-infectious cases.

(c) **Nursing in the Home.**—The County Council is responsible for the Home Nursing Service.

(d) **Treatment Centres and Clinics.**—A County Council Welfare Clinic is held twice monthly. A Medical Officer attends one session each month.

The treatment of Tuberculosis and Venereal Diseases is carried out by the Regional Hospital Board.

DIPHTHERIA IMMUNISATION

The number of children who were immunised in 1956 is as follows :—

Under 5 years of age	...	...	...	1
5 to 14 years of age	...	...	...	9
TOTAL	...	...	...	10
Boosters	...	...	...	7

The number of children who had completed a full course of immunisation at any time up to 31st December, 1956 is as follows :—

Age at 31.12.56	Under 1	1	2	3	4
<i>i.e.</i> Born in Year	...	1956	1955	1954	1953
No. Immunised	...	8	48	69	50
Age at 31.12.56	5—9	10—14	Total		
<i>i.e.</i> Born in Year	...	1947-51	1942-46	under 15	
No. Immunised	...	229	297	750	

WHOOPING COUGH VACCINATION

	Under 1	1—4	5—14	Total	Boosters
Whooping Cough Only ...	—	—	—	—	—
Combined Diphtheria/Pertussis	41	10	—	51	7

VACCINATION

The following table gives the number of vaccinations undertaken during the year :—

	Under 1	1—4	5—14	15 or over	Total
Primary ...	21	2	3	4	30
Re-Vaccination ...	—	—	—	—	—

POLIOMYELITIS VACCINATION

The following table gives the number of vaccinations undertaken during the year :—

Under 1	1—4	5—9	10—14	Total
—	5	6	—	11

My thanks are due to the County Medical Officer of Health for the above figures.

National Assistance Act, 1948, Section 47.—No formal action was taken during the year.

SECTION C. Sanitary Circumstances of the Area.

Report by

A. SMITH

M.S.I.A., M.R.SAN.I., CERT. S.I.B. CERT. Meat & Foods R.S.I.
SURVEYOR AND PUBLIC HEALTH INSPECTOR.

I have the honour to present my Annual Report for the year 1956.

Water Supply.—An adequate supply of water has been maintained in the town by the Mid-Northamptonshire Water Board, supplementing the local supply with water from Ravensthorpe via the Harrington main, and no reports of water shortage were received during the year.

A new 12 inch main has been laid from Broughton, bringing the Pitsford water to a new Pumping Station by the water tower ready for connection and supply to Rothwell and Desborough.

Forty-eight samples of town's water were taken by the Water Board and all were found to be bacteriologically satisfactory.

Rainfall.—The rainfall during 1956 was 23.25 inches, 4 inches more than last year, and about the average for the past ten years.

1956	23.25	1952	23.44	1948	28.77
1955	19.55	1951	29.97	1947	21.21
1954	29.06	1950	25.58	1946	25.94
1953	19.24	1949	23.72	1945	20.83

Water Services.—New services were connected to 28 Council houses, and 3 private houses.

Public Swimming Bath.—A cool wet summer was responsible for a lack of interest in open air bathing.

Mr. R. Cross again carried out his duties of Bath Attendant with efficiency and enthusiasm, and was assisted by Mr. W. Norman, who attended the bath daily during the school holidays.

Between June and September, the following bathers paid for admission to the bath.

Boys	451	Men	59	Spectators	510
Girls	366	Women	2		

Total 878, a decrease of 1867 bathers compared with 1955.

SEWERAGE AND SEWAGE DISPOSAL

There have been no defects or stoppages of sewers throughout the system during the year.

Public Cleansing.—A weekly collection of house and trade refuse has been maintained excepting for holiday periods.

Controlled Tipping.—All household refuse is deposited in the Controlled Tip at Thorpe Underwood, and facilities are available for tradesmen to deposit their trade waste in the tip at moderate charges.

Salvage Collections.—The total collections of mixed waste paper was 70 tons 2 qrs., a reduction of 2 tons 5 cwts. compared with the figure for 1955.

The price of mixed waste paper varied from £8 per ton for the first three months to £7. 10s. 0d. per ton for the remaining nine months, so that the yield of 70 tons 2 qrs. realised £533 against £570 income for last year.

Annual Tonnage of Waste Paper :

Year	Tons	cwts.	qrs.	Year	Tons	cwts.	qrs.
1951	53	18	0	1954	65	16	0
1952	48	11	0	1955	72	5	0
1953	56	9	0	1956	70	0	2

Rodent Control.—14 infestations of rats were successfully dealt with by your Rodent Operator during the year, when 27 bodies were recovered, mostly at the refuse disposal tip and sewage works.

The use of the new rodenticide “Warfarin” has continued to be most successful in completely exterminating whole colonies of rats, followed by long clear periods before reinfestation.

Sewer treatment was carried out by test baiting 12 manholes on different parts of the system, but no evidence of infestations were found.

Factories Act, 1937 and 1948.—There are 35 factories on the Register—13 inspections were made and 4 defects were found, all were remedied.

The number of outworkers in August, 1956 was 36.

SECTION D. Public Health and Housing Acts.

Housing.—28 new houses were completed by the Council during the year, and a start was made on a further 24. 3 private houses were completed during the year. No houses were demolished under Section 11 of the Housing Act, 1936.

Summary of Sanitary Defects Remedied :—

Drains re-laid or repaired	...	...	...	...	29
Blocked drains cleared	...	...	...	...	73
Inspection chambers repaired	...	...	...	...	14
Inspection chambers provided	...	...	...	...	4
Soil and ventilation pipes provided	...	...	...	...	6
Water closet compartments repaired	...	...	...	...	21
Wells and pumps repaired	...	...	...	...	8
Roofs repaired	...	...	...	...	33
Rainwater guttering repaired	...	...	...	...	24
Dampness to walls remedied	...	...	...	...	22
Fireplaces repaired or renewed	...	...	...	...	45
Floors repaired or re-laid	...	...	...	...	7
Sub-floor ventilation provided	...	...	...	...	—
Handrails to staircases provided	...	...	...	...	6
Stairs repaired	...	...	...	...	12
Ventilation to larder	...	...	...	...	—
Washing coppers provided	...	...	...	...	33
Sinks provided	...	...	...	...	27
Internal water services	...	...	...	...	14
Dustbins provided	...	...	...	...	83
Bathrooms, Internal W.C.'s and Hot Water Installation provided under Improvement Grants	...	...	...	...	11

Sanitary Inspections of the Area :—

Complaints received	...	...	...	...	...	501
Nuisance inspections	...	...	...	...	...	152
Housing inspections	...	...	...	...	...	349
Factory inspections	...	...	...	...	...	13
Food Shops inspections	...	...	...	...	...	18
Rodent Infestations	...	...	...	...	...	14
Slaughtering and Meat Inspections	...	...	...	...	...	16
Nuisances abated	...	...	...	...	...	157
Housing Defects remedied	...	...	...	...	...	312

Number of Notices Served :—

Informal : Nuisance	...	...	...	...	...	7
Housing	...	...	...	...	...	—
Statutory	...	...	...	...	...	—

SECTION E. Inspection and Supervision of Food.

Meat and Food Inspection.—One slaughterhouse in the district is licensed, but not in regular use.

All cottagers' pigs slaughtered in the district were found to be free from any disease which would render the meat unfit for human consumption.

The following food was examined and found to be unfit for human consumption, consequently being surrendered and destroyed :—

Canned Meat ... 18 lbs.

I should like to thank all Officers and Staff of the Council for their co-operation, and to you Mr. Chairman, Lady and Gentlemen for the support you have given to the various schemes which I have laid before you.

SECTION F. Infectious Diseases.

There were 11 cases notified during the year compared with 180 cases in 1955.

Measles.—There were two notifications during the year compared with 170 in the previous year.

Scarlet Fever.—Two cases were notified during the year. Both cases were nursed at home and both recovered.

Food Poisoning.—5 cases were notified during the year, all from one family.

Non-Paralytic Poliomyelitis.—1 case was notified and was removed to hospital. This case recovered.

Meningococcal Meningitis.—1 case of this disease was notified and was removed to hospital. This case recovered.

TUBERCULOSIS

Public Health (Prevention of Tuberculosis) Regulations, 1925.—These regulations empower the Council to prevent persons suffering from Tuberculosis to engage in the milk trade. No action was taken during the year.

No cases of Tuberculosis were notified during the year. There were no deaths from Tuberculosis but one Respiratory Tuberculosis case died as a result of other causes. Four Respiratory and one Non-Respiratory Tuberculosis removed to other districts. Two Non-Respiratory cases are not now known clinically in the District and were removed from the Register.

The number of cases in the Register at the end of 1956 was as follows :—

Respiratory			Non-Respiratory			<i>Grand</i>
<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>	<i>Total</i>
8	5	13	6	3	9	22

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1956

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Measles	-2	...	2
Scarlet Fever	1	...	...	...	...	1	...	...	...	...	...	2
Food Poisoning	5	...	5
Non-Paralytic Poliomyelitis	1	...	...	...	...	1
Meningococcal Meningitis	1	...	...	...	1
TOTALS	...	1	...	...	...	...	1	1	1	...	7	...	11

AGE INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1956

Disease	0-	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65+	All Ages to Hospital	Deaths	Age Unknown
Measles	1	...	...	...	1	...	...	...	...	...	2	...	...	...
Scarlet Fever	1	...	1	...	...	...	...	2	...	...	...
Food Poisoning	1	1	...	1	1	1	5	...	...	...
Non-Paralytic Poliomyelitis	1	...	...	...	...	...	1	1	...	...
Meningococcal Meningitis	1	...	...	...	...	...	1	1	...	...
TOTALS	...	1	...	...	1	4	2	...	1	1	1	11	2	...	...

NEW CASES OF TUBERCULOSIS, 1956

Age Period	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	—	—	—
25—	—	—	—	—
35—	—	—	—	—
45—	—	—	—	—
55—	—	—	—	—
65—	—	—	—	—
TOTALS	—	—	—	—

DEATHS FROM TUBERCULOSIS, 1956

Age Period	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	—	—	—
25—	—	—	—	—
35—	—	—	—	—
45—	—	—	—	—
55—	—	—	—	—
65—	—	—	—	—
TOTALS	—	—	—	—







