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U.D.C.**

Contributors

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ROTHWELL
URBAN DISTRICT COUNCIL



ANNUAL
REPORT
of the
Medical Officer of Health
For the Year 1958

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Rothwell Urban District Council

Chairman of the Council :

COUNCILLOR T. NICHOLS, J.P.

Vice-Chairman of the Council :

COUNCILLOR REV. CANON G. F. TURNER, R.D.

Clerk to the Council :

MR. A. SHARMAN.

Members of the Public Health Committee :

COUNCILLORS G. C. AUSTIN, F. T. LEE, A. C. LEWIN, A. E. SHARMAN, F. J. W. WEST, C.C.

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.P.H.I.A., M.R.S.H., CERT.S.I.B.

Holds the Royal Society of Health Certificate as an Inspector of Meat and other Foods.

Telephone : Kettering 2473

Public Health Department,
75 London Road,
KETTERING.
May, 1959.

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

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to present my fifth Annual Report on the Health and Sanitary Circumstances of the Urban District for the year 1958.

The report has been written in accordance with the Ministry of Health Circular 22/58 dated 9th December, 1958. The Vital Statistics for the year under review were as follows, for comparison the 1957 figures are included in parenthesis :—

The population (Registrar General's mid-year estimate) is 4690 (4710) showing a decrease of 20 on last year's figure, and the Vital Statistics in this report are based on this figure. The Birth Rate was 13.65 (17.20), but there was an actual decrease in live births by 17. The Crude Death Rate 12.58 (15.29) showed a decrease of 13 deaths, the registered causes of deaths are listed on page 6. The Infant Mortality Rate 31.25 (12.35) which means that there were 2 deaths under one year of age out of 64 live births. Once again there were no deaths under the heading of Maternal Mortality which is highly commendable.

Section F deals with the Prevalence of and Control over Infectious Diseases. There were 11 cases notified during the year as compared with 132 cases in 1957. The Mass Radiography Service was in Rothwell on the 7th and 8th May, 1958 when 1330 persons were X-Rayed. One case of Active Pulmonary Tuberculosis and two cases of Inactive Pulmonary Tuberculosis were found.

Sections C, D and E of the report have been submitted by your Public Health Inspector and Surveyor. In Section D it will be noted that 16 new houses were completed by the Council during the year and a start was made on a further 8, and 9 houses were demolished under Section 11 of the Housing Acts 1936/57.

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
1954, 1955, 1956, 1957 and 1958

	1954	1955	1956	1957	1958
Area (acres)	3,638	3,638	3,638	3,638	3,638
Population (Registrar General's estimate)	4,710	4,710	4,720	4,710	4,690
Number of Live Births	82	72	83	81	64
Legitimate	81	70	78	77	60
Illegitimate	1	2	5	4	4
Birth rate per 1,000 population	17.41	15.29	17.58	17.20	13.65
Number of Still Births	3	2	2	—	—
Legitimate	3	2	2	—	—
Illegitimate	—	—	—	—	—
Rate per 1,000 total (live and still births)	35.29	27.03	23.53	—	—
Rate per 1,000 population	0.64	0.42	0.42	—	—
Number of Deaths	58	49	46	72	59
Death rate per 1,000 population	12.31	10.40	9.75	15.29	12.58
Deaths from Pregnancy, Child-birth and Abortion	—	—	—	—	—
Infantile Mortality rate per 1,000 live births	—	69.44	12.05	12.35	31.25
Neonatal Mortality rate per 1,000 live births	—	13.89	12.05	—	31.25
Death from all forms of Tuberculosis	1	—	—	—	—
Deaths from Respiratory Tuberculosis	1	—	—	—	—
Deaths from Malignant Neoplasms	11	10	11	11	9
Deaths from Measles (all ages)	—	—	—	—	—
Deaths from Whooping Cough (all ages)	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age	—	—	—	1	—
Deaths from Acute Poliomyelitis and Polioencephalitis	—	—	—	—	—

SECTION A. Statistics and Social Conditions.

Area (acres)	3,638
Registrar General's estimate of resident population ...	4,690
Number of inhabited houses (end of 1958)	1,720
Rateable Value	£45,979
Sum represented by Penny Rate	£179

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	...	...	...	60	24	36
Illegitimate	...	...	...	4	2	2
				—	—	—
TOTALS ...				64	26	38
				—	—	—

Birth Rate per 1,000 of the estimated population ... 13.65

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

Rate per 1,000 total (live and still) births ... —
 England and Wales 21.6

DEATHS				<i>Total</i>	<i>Males</i>	<i>Females</i>
				59	27	32
Death rate per 1,000 of the estimated population (crude) ...						12.58
Death rate per 1,000 of the estimated population (corrected)						11.57
Death rate from Pregnancy, Childbirth and Abortion ...						—
Death rate of infants under one year of age :—						
All infants per 1,000 live births						31.25
Legitimate infants per 1,000 legitimate live births ...						33.33
Illegitimate infants per 1,000 illegitimate live births ...						—
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	1.92
Death rate from Acute Poliomyelitis and Polioencephalitis	—
Death rate from Diphtheria	—
Death rate from Respiratory Tuberculosis	—
Death rate from Influenza	0.43
Death rate from Pneumonia	0.21
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	0.35	0.08	0.43
Rothwell Urban District	—	—	—

Deaths.—Comparability factor for 1958 was 0.92. The crude death rate per 1,000 population for 1958 was 12.58 which multiplied by the comparability factor of 0.92 supplied by the Registrar General, gives a corrected death rate of 11.57. This death rate of 11.57 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 1958 together with the rate for England and Wales.

LIVE BIRTH RATES, 1958

A comparability factor has been issued for 1958 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	13.65
Rothwell corrected by comparability factor 1.13	15.42
England and Wales	16.4

INFANTILE MORTALITY RATES, 1958

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	31.25
England and Wales	22.5

NEONATAL MORTALITY RATES, 1958

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

Rothwell	...	...	...	...	31.25
England and Wales	...	...	...	...	16.2

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>
15 mins.	F	Meningo Myelocoele. Anencephaly.
5 days	F	Failure to thrive. Congenital leaking of Lumbar Region. Congenital Abnormality in formation of Skull Bone.

The registered causes of death were as follows :—

	<i>Males</i>	<i>Females</i>	<i>Total</i>
All causes	27	32	59
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	1	1	2
12. Malignant neoplasm breast	—	1	1
13. Malignant neoplasm uterus	—	—	—
14. Other malignant and lymphatic neoplasms	1	3	4
15. Leukaemia, aleukaemia	—	—	—
16. Diabetes	—	—	—
17. Vascular lesions of nervous system	7	6	13
18. Coronary disease, angina	3	5	8
19. Hypertension with heart disease	—	2	2
20. Other heart disease	6	3	9
21. Other circulatory disease	1	1	2
22. Influenza	1	1	2
23. Pneumonia	1	—	1

Registered causes of death— <i>continued</i>					<i>Males</i>	<i>Females</i>	<i>Total</i>
24.	Bronchitis	...	...	...	1	2	3
25.	Other disease of the respiratory system				—	—	—
26.	Ulcer and stomach duodenum	...			—	1	1
27.	Gastritis, enteritis and diarrhoea	...			—	1	1
28.	Nephritis and nephrosis	...	...		1	2	3
29.	Hyperplasia of prostate	...	...		—	—	—
30.	Pregnancy, childbirth, abortion	...			—	—	—
31.	Congenital malformations	...	...		—	2	2
32.	Other defined and ill-defined diseases				1	1	2
33.	Motor vehicle accidents	...	...		—	—	—
34.	All other accidents	...	...	...	1	—	1
35.	Suicide	...	...	...	—	—	—
36.	Homicide and operation 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.

(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 1958 is as follows :—

Under 5 years of age	...	...	...	1
5 to 14 years of age	...	...	...	—
				—
TOTAL	...	...	...	1
				—
Boosters	...	...	...	27

The number of children who had completed a full course of immunisation at any time up to 31st December, 1958 is as follows :—

Age at 31.12.58	Under 1	1	2	3	4
<i>i.e.</i> Born in Year	1958	1957	1956	1955	1954
No. Immunised	8	55	54	51	69
Age at 31.12.58	5—9	10—14	Total		
<i>i.e.</i> Born in Year	1949-53	1944-48	Under 15		
No. Immunised	246	250	733		

WHOOPING COUGH VACCINATION

	Under 1	1—4	5—14	Total	Boosters
Whooping Cough Only ...	1	—	—	1	—
Combined Diphtheria/Pertussis	45	7	1	53	44

VACCINATION

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

	Under 1	1—4	5—14	15 or over	Total
Primary ...	22	6	2	4	34
Re-vaccination ...	—	—	1	4	5

POLIOMYELITIS VACCINATION

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

Under 1	1—4	5—9	10—14	Total	Third Injs.	0—14	15 or over
4	174	139	203	520	155		71

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.P.H.I.A., M.R.S.H., CERT. S.I.B. CERT. MEAT & FOODS R.S.H.
SURVEYOR AND PUBLIC HEALTH INSPECTOR.

I have the honour to present my Annual Report for the year 1958.

Water Supply.—An adequate supply of water has been maintained in the town by the Mid-Northants Water Board, and no reports of water shortage were received during the year.

Water Analysis.—Four samples of the town's water were taken during the year and submitted to the Public Health Laboratory Service

for bacteriological examination with the result that all samples were reported to be "very satisfactory".

The following information was supplied by the Engineer and Manager of the Mid-Northants Water Board :

"The following samples of filtered water were taken during 1958 by the Board :—

Bacteriological Examination

Rothwell 26

The results were satisfactory. In addition the raw waters were analysed and examined from time to time."

Water Softening.—Pitsford water is softened so that the total hardness does not exceed 120 parts per million. Typical figures are :—

Temporary Hardness	...	...	27
Permanent Hardness	...	...	83
			<hr/>
			110 p.p.m.
			<hr/>

A typical sample of Shotwell Mill Water is :—

Temporary Hardness	...	...	255
Permanent Hardness	...	...	105
			<hr/>
			360 p.p.m.
			<hr/>

Rainfall.—The rainfall during 1958, taken at Clover Hill, Kettering, was 28.44 inches nearly 5 inches more than in 1957, and one of the four highest measurements in recent years.

1958	28.44	1953	19.24	1949	23.72
1957	23.72	1952	23.44	1948	28.77
1956	23.25	1951	29.97	1947	21.21
1955	19.55	1950	25.58	1946	25.94
1954	29.06				

Water Services.—New services were connected to 16 Council houses and two 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.

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

Boys	...	...	...	...	...	391
Men	...	...	...	...	...	14
Girls	...	...	...	...	...	467
Women	...	...	...	...	...	2
Spectators	...	...	...	...	...	298

Total 874, a decrease of 416 bathers compared with 1957.

SEWERAGE AND SEWAGE DISPOSAL

There have been no serious 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 69 tons 13 cwts. a decrease of 1 ton 12 cwts. compared with the figure for 1957.

The price of mixed waste paper was maintained during the year at £7. 10s. 0d. per ton, so that the yield of 69 tons 13 cwts. realised £522 against £534 income for the previous year.

Annual Tonnage of Waste Paper :—

		<i>tons</i>	<i>cwts.</i>	<i>qrs.</i>
1952	...	48	11	0
1953	...	56	9	0
1954	...	65	16	0
1955	...	72	5	0
1956	...	70	0	2
1957	...	71	6	0
1958	...	69	13	2

Rodent Control.—33 infestations of rats were successfully dealt with by your Rodent Operator during the year, when 182 bodies were recovered, mostly at the refuse disposal tip and sewage works.

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

Factories Act, 1937 and 1948.—There are 35 factories on the Register—13 inspections were made and 2 defects were found and remedied.

The number of outworks in August, 1958 was 41.

SECTION D. Public Health and Housing Acts.

Housing.—16 new houses were completed by the Council during the year, and a start was made on a further 8. Two private houses were completed during the year.

9 houses were demolished under Section 11 of the Housing Acts 1936/1957.

Summary of Sanitary Defects Remedied :—

Drains re-laid or repaired	27
Blocked drains cleared	54
Inspection chambers repaired	14
Inspection chambers provided	11
Soil and ventilation pipes provided	21
Water closet compartments repaired	10
Wells and pumps repaired	8
Roofs repaired	33
Rainwater guttering repaired	41
Dampness to walls remedied	19
Fireplaces repaired or renewed	17
Floors repaired or re-laid	25
Sub-floor ventilation provided	12
Handrails to staircases provided	7
Stairs repaired	23
Washing coppers provided	24
Sinks provided	15
Internal water services	9
Dustbins provided	109
Bathrooms, Internal W.C.'s and Hot Water Installation provided under Improvement Grants	6

Sanitary Inspections of the Area :—

Complaints received	509
Nuisance inspections	112
Housing inspections	397
Factory inspections	13
Food Shops inspections	19
Rodent Infestations	33
Nuisances abated	112
Housing Defects remedied	405

Number of Notices Served :—

Informal : Nuisance	21
Housing	—
Statutory	—

SECTION E. Inspection and Supervision of Food.

Meat and Food Inspection.—With the conversion of the Bell Hill Slaughterhouse into a food preparing room, there are no licensed slaughterhouses in the district.

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

Canned Beef	...	...	...	...	12 lbs.
Sausage Skins	...	...	...	...	14 lbs.
Dripping	...	...	...	...	56 lbs.

I should like to thank all Officers and Staff of the Council for their co-operation, and to you Mr. Chairman 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 132 cases in 1957.

Measles.—There were 3 notifications during the year compared with 120 in the previous year.

Scarlet Fever.—5 cases were notified during the year compared with 9 last year. All the cases were nursed at home and recovered.

Whooping Cough.—One case was notified compared with one case in the previous year.

Sonne Dysentery.—This case occurred while the child was in Kettering General Hospital.

Puerperal Pyrexia.—This case occurred in hospital in Kettering Borough.

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.

One case of Respiratory and one case of Non-Respiratory Tuberculosis were notified during the year, and one case of Respiratory Tuberculosis was transferred into the district. One patient died during the year, but Respiratory Tuberculosis was not the primary cause of death. One Respiratory case removed to another district and two Respiratory and three Non-Respiratory cases were removed from the Register as cured.

The number of cases in the Register at the end of 1958 was as follows :—

Respiratory			Non-Respiratory			Grand
Males	Females	Total	Males	Females	Total	Total
4	5	9	3	4	7	16

MASS RADIOGRAPHY SERVICE
No. 1 Unit, Oxford Regional Hospital Board

Held on the Market Square, Rothwell. 7th—8th May, 1958.
 Response : Firms 76%.

*Summary of Significant cases of newly discovered
 Tuberculosis found in the Rothwell fifth survey*

Group	No. Examined	Active P.T.	Rate per 1,000	Inactive P.T.	Rate per 1,000
Boot and Shoe Firms ...	682	—		2	
Other Firms ...	9	—		—	
General Public ...	639	1		—	
	—	—	—	—	—
TOTAL ...	1330	1	0.75	2	1.50
	—	—	—	—	—

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1958

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Measles	—	—	—	—	—	1	—	2	—	—	—	—	3
Scarlet Fever ...	—	1	—	1	1	2	—	—	—	—	—	—	5
Sonne Dysentery ...	—	—	1	—	—	—	—	—	—	—	—	—	1
Puerperal Pyrexia ...	—	—	—	—	—	—	1	—	—	—	—	—	1
Whooping Cough ...	—	—	—	—	—	1	—	—	—	—	—	—	1
TOTALS	—	1	1	1	1	4	1	2	—	—	—	—	11

AGE INCIDENCE OF NOTIFIABLE DISEASES (Other than Tuberculosis) 1958

Disease	0-	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65+	All Ages	Removed to Hospital	Deaths	Age Unknown
Measles	—	—	—	1	—	2	—	—	—	—	—	—	3	—	—	—
Scarlet Fever ...	—	2	—	—	—	3	—	—	—	—	—	—	5	—	—	—
Sonne Dysentery ...	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—
Whooping Cough ...	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—
TOTALS	—	3	—	1	—	5	1	—	1	—	—	—	11	—	—	—

NEW CASES OF TUBERCULOSIS, 1958

Age Period	RESPIRATORY		NON-RESPIRATORY	
	Male	Female	Male	Female
0—	—	—	—	—
1—	—	—	—	—
5—	—	—	—	—
15—	—	1	—	—
25—	—	—	—	—
35—	—	—	—	1
45—	—	1	—	—
55—	—	—	—	—
65—	—	—	—	—
TOTALS	—	2	—	1

DEATHS FROM TUBERCULOSIS, 1958

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



