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RAUNDS URBAN DISTRICT



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE
YEAR 1970.

F. R. N. LYNCH, M.B., B.Ch., B.A.O., D.P.H.



URBAN DISTRICT OF RAUNDS

Chairman of the Council:

Councillor R.W. Holmes

Members of the Public Health Committee

Councillor D.H. Smith (Chairman)

Councillors:

N.B. Featherstonehaugh
R.W. Holmes

J. Finding
H.H. Lawrence

M.J. Harvey
R.E. Warwick

Clerk of the Council:

B.M. Killick

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY

Medical Officer of Health:

F.R.N. Lynch, M.B., B.Ch., B.A.O., D.P.H.

(Medical Officer of Health Northamptonshire Health Division No. 2)

Secretary

Miss M.W. Langley

Surveyor and Public Health Inspector:

G.E.J. Potter, A.F.S., Mun.B.I., M.R.S.H., M.A.P.H.I.

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Telephone: Kettering 2473

Area Health Office,
75 London Road,
KETTERING.
April 1972

To the Chairman and Members of the
Urban District Council of Raunds.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my Annual Report on the Environmental Health of the Urban District for the year 1970. It has been compiled in accordance with instructions circulated by the Department of Health and Social Security.

There was little Infectious Disease during the year.

The statistics relating to the Urban District, as supplied by the Registrar General, are given on page 5 and are satisfactory.

In April the Northamptonshire Rat Control Committee decided to set up five District Committees and the Regional Officer of the Ministry of Agriculture, Fisheries and Food recommended that the Urban District of Raunds be included in Committee No. 5 which also comprises the Urban Districts of Irthlingborough, Oundle and Rushden, the Borough of Higham Ferrers and the Rural District of Oundle and Thrapston.

The treatment of sewage at the two sewage disposal works serving the District has been carried out under difficult circumstances of over-loading the capacity at each works and this problem will only be overcome when the proposed new disposal works become operative.

The National Assistance Acts of 1948 and 1951 empower the Local Authority to require compulsory admission to hospital in certain cases of persons in need of care and attention which they are unable to provide for themselves.

On 27th November, I applied for, and was granted, an Order by a Justice of the Peace for the urgent admission to hospital of a patient, aged 85 years, who had refused to enter hospital on the advice of his General Practitioner. The patient was admitted to the Park Hospital, Wellingborough.

My thanks are due to the Chairman and Members of the Council for their co-operation during the year to Mr. B. M. Killick, Clerk of the Council, Mr. G. E. J. Potter, Surveyor and Public Health Inspector, and Miss Langley, my Secretary, for their help in the preparation of this Report.

I have the honour to be
Your obedient Servant,

F. R. N. LYNCH
Medical Officer of Health.

SUMMARY OF VITAL STATISTICS

Comparative Statistics for the Five Year Period 1966 to 1970

	1966	1967	1968	1969	1970
Area of the Urban District (acres)	6,483	6,483	6,483	6,483	6,483
Population (Registrar General's Estimate) ...	4,850	5,000	5,190	5,370	5,470
Number of Live Births ...	87	106	128	110	113
Legitimate	86	99	124	102	107
Illegitimate	1	7	4	8	6
Birth Rate per 1,000 pop.	17.9	21.2	24.7	20.5	20.7
Number of Stillbirths ...	1	2	3	1	1
Legitimate	1	2	3	1	1
Illegitimate	-	-	-	-	-
Stillbirth rate per 1,000 total births	11.4	19.0	23.0	9.0	8.8
Stillbirth rate per 1,000 population	0.2	0.4	0.6	0.1	0.1
Number of Deaths	67	74	70	76	70
Death rate per 1,000 population	13.8	14.8	13.5	14.2	12.8
Deaths from Pregnancy Childbirth and Abortion	-	-	-	-	-
Number of Infant Deaths	1	2	-	3	2
Infant Mortality rate per 1,000 Live Births	11.5	19.0	-	27.0	17.7
Neonatal Mortality rate per 1,000 Live Births	11.5	19.0	-	18.0	8.8
Perinatal Mortality Rate (Stillbirths and deaths under one week combined per 1,000 total Live and Stillbirths)	22.7	18.5	22.9	27.0	17.5
Deaths from all forms of Tuberculosis including late effects	-	-	-	-	-
Deaths from Respiratory Tuberculosis	-	-	-	-	-
Deaths from Malignant Neoplasms	15	12	17	13	15
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	-	-	-	-	-
Natural increase in population, i.e., increase of Births over Deaths ...	20	32	58	34	43

SECTION A

Statistics and Social Conditions of the Area

Area (acres)	...	...	...	...	...	...	6,483
Population 1961 (Census)	...	...	...	...	...	...	4,570
1970 (Mid-year estimate)	...	...	...	...	...	...	5,470
Number of inhabited houses 1961 (Census)	...	...	...	...	...	...	1,650
1970	...	...	...	...	...	...	2,197
Rateable Value	...	...	...	...	...	...	£165,253
Sum represented by Penny Rate	...	...	...	...	...	...	£645

The Urban District of Raunds, which includes the parish of Stanwick, covers an area of 6,483 acres, and the density of population is 0.84 persons per acre. The Housing Factor is 2.48 persons per house.

The chief occupations of the inhabitants are as follows:-

Tanning, the manufacture of footwear and clothing and processing of animal food.

The social conditions of the district are satisfactory and at the end of the year the percentage of unemployment in the area was 1.4. The National Rate was 3 per cent.

EXTRACTS FROM VITAL STATISTICS, 1970.

			Males	Females	Total
<u>LIVE BIRTHS</u>					
Legitimate	...	...	52	55	107
Illegitimate	...	...	4	2	6
		Total	56	57	113
Crude Birth Rate per 1,000 estimated population		...			20.7
Adjusted Birth Rate (Comparability Factor 1.18)		...			24.4
<u>STILLBIRTHS</u>					
Legitimate	...	...	1	-	1
Illegitimate	...	...	-	-	-
		Total	1	-	1
Rate per 1,000 total births (live and still)		...			8.8
<u>DEATHS</u>					
Number registered all causes	...	...	39	31	70
Crude Death Rate per 1,000 estimated population		...			12.8
Adjusted Death Rate (Comparability Factor 0.79)		...			10.1
<u>DEATHS FROM CERTAIN SPECIFIED CAUSES</u>					
Cardio-vascular Disease (all forms)	...	...	8	11	19
Malignant Neoplasms (all forms)	...	...	12	3	15
Cerebrovascular Disease	...	...	4	9	13
Diseases of Respiratory System	...	...	8	6	14
<u>DEATHS FROM MATERNAL CAUSES</u>					
<u>DEATHS OF INFANTS (under 1 year)</u>					
Infant Mortality Rate per 1,000 live births		...	2	-	2
Legitimate Infants per 1,000 Legitimate live births		...			17.7
Illegitimate Infants per 1,000 Illegitimate live births		...			18.7
<u>DEATH OF INFANTS (under 4 weeks)</u>					
Neonatal Mortality Rate	...	...	1	-	1
Early Neonatal Mortality Rate	...	...			8.8
Perinatal Mortality Rate	...	...			8.8
		...			17.5

CAUSES OF DEATH 1970

List No.	Cause of death	Sex	All Ages	under 4 weeks	4 weeks & under 1 year	Age in years									
						1 - 4	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 & over	
B19(3)	Malignant Neoplasm, Stomach	M	1	-	-	-	-	-	-	-	-	1	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	2	
B19(4)	Malignant Neoplasm, Intestine	M	3	-	-	-	-	-	-	-	-	-	1	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B19(6)	Malignant Neoplasm, Lung, Bronchus	M	5	-	-	-	-	-	-	-	-	1	4	-	
		F	1	-	-	-	-	-	-	-	-	-	1	-	
B19(7)	Malignant Neoplasm, Breast	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	1	-	-	-	-	
B19(8)	Malignant Neoplasm, Uterus	F	1	-	-	-	-	-	-	1	-	-	-	-	
B19(9)	Malignant Neoplasm, Prostate	M	1	-	-	-	-	-	-	-	-	-	-	1	
B19(11)	Other Malignant Neoplasms	M	2	-	-	-	-	-	-	-	-	2	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B21	Diabetes Mellitus	M	1	-	-	-	-	-	-	-	1	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	1	-	
B46(5)	Other Diseases of Nervous System	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B26	Chronic Rheumatic Heart Disease	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	1	
B27	Hypertensive Disease	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	2	-	-	-	-	-	-	-	-	-	1	1	
B28	Ischaemic Heart Disease	M	6	-	-	-	-	-	-	1	1	3	3	1	
		F	3	-	-	-	-	-	-	-	-	2	1	3	
B29	Other Forms of Heart Disease	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	3	-	-	-	-	-	-	-	-	-	-	3	
B30	Cerebrovascular Disease	M	4	-	-	-	-	-	-	-	-	-	1	3	
		F	9	-	-	-	-	-	-	-	1	-	-	8	
B46(6)	Other Diseases of Circulatory System	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	2	-	-	-	-	-	-	-	-	-	-	2	
B31	Influenza	M	1	-	1	-	-	-	-	-	-	-	-	-	
		F	4	-	-	-	-	-	-	-	-	-	1	3	
B32	Pneumonia	M	4	-	-	-	-	-	-	-	-	1	1	2	
		F	1	-	-	-	-	-	-	-	-	-	-	1	
B33(1)	Bronchitis and Emphysema	M	2	-	-	-	-	-	-	-	-	-	1	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B33(2)	Asthma	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	1	-	
B46(7)	Other Diseases of Respiratory System	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B34	Peptic Ulcer	M	1	-	-	-	-	-	-	-	-	-	1	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B36	Intestinal Obstruction and Hernia	M	1	-	-	-	-	-	-	-	-	-	1	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B46(9)	Other Diseases, Genito-Urinary System	M	1	-	-	-	-	-	-	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B44	Other Causes of Perinatal Mortality	M	1	1	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
B45	Symptoms and Ill Defined Conditions	M	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	1	
BE47	Motor Vehicle Accidents	M	1	-	-	-	-	1	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL ALL CAUSES		M	39	1	1	-	-	-	1	-	2	6	13	15	
		F	31	-	-	-	-	-	-	-	2	1	7	21	

COMMENTS ON VITAL STATISTICS

- POPULATION:-** The Registrar General's mid-year estimate of population i.e. 30 June 1970, is 5,470. The corresponding figure for 1969 was 5,370 giving an increase of 100 in the twelve months.
- BIRTHS:-** There were 113 live births in 1970, which is an increase of 3 in the number registered for the previous year. This gives a Crude Birth Rate of 20.7 per 1,000 population. The corresponding figure for 1969 was 20.5.

It will be apparent that the Birth Rate and Death Rate in any place is influenced by the age and sex distribution of the population so that in order that more exact comparisons can be made between one area and another the actual Rate is multiplied by a number called the Comparability Factor, the result being known as the Adjusted, or Corrected Rate. These Comparability Factors are supplied by the Registrar General and are based on the age and sex distribution as shown by the Census. For Raunds the Birth Rate Comparability Factor is 1.18 and the Corrected Birth Rate standardised on the basis of age and sex composition therefore gives an Adjusted Rate of 24.4. The Adjusted Rate of 24.4 compares with 24.2 for 1969 and the Provisional Crude Rate for England and Wales of 16.0.
- DEATHS:-** There were 70 deaths from all causes in 1970. The figure for last year was 76 and the corresponding Crude Death Rates are 12.8 and 14.2. In the same way as described in the case of 2 BIRTHS, above, the Death Rate is standardised by the use of a further Comparability Factor. Its value for Raunds is 0.79 and the Adjusted Death Rate corrected by means of this calculation is found to be 10.1. The Provisional Crude Rate for England and Wales as a whole is reckoned by the Registrar General to be 11.7.
- DISPOSAL OF THE DEAD:-** Of the 70 deaths during the year, 52 bodies were disposed of by cremation at Kettering Crematorium, giving a percentage of 74.2.
- INFANT MORTALITY:-** There were two deaths of infants under one year of age. The Infant Mortality Rate was 17.7 per 1,000 live births. The rate in 1969 was 27.0. The corresponding infant mortality rate for England and Wales as a whole is 18.0. One death occurred in the first month of life. This method of expression is referred to as the Neonatal Mortality and the rate for 1970 is 8.8 per 1,000 live births. The current rate for England and Wales is 12.0. I append details of the causes and other particulars concerning the deaths.

<u>Age</u>	<u>Sex</u>	<u>Cause of Death</u>
7 hours	M	Prematurity.
2 months	M	Acute Bronchopneumonia.

STILLBIRTHS:- There was one Stillbirth registered in the District there was also one in 1969 and the rates are 8.8 and 9.0 respectively. The rate for England and Wales is 13.0. I append particulars of this death.

Sex	Cause
M	Hydramnios.

MATERNAL DEATHS:- There were no deaths classed to pregnancy and childbirth.

SECTION B

GENERAL PROVISION OF HEALTH SERVICES

In subsequent sections, full details will be found relating to infectious diseases and environmental health within the Urban District, for which the Council is directly responsible.

The present section relates to those health services which concern the personal health and welfare of the individual rather than public health and the community. The Health Committee of the Northamptonshire County Council is responsible for administration of some of these services under Part III of the National Health Service Act.

Liaison between County Council services and District Council services is facilitated by the fact that your Medical Officer of Health is also a School Medical Officer and Assistant County Medical Officer.

LABORATORY FACILITIES - The Public Health Laboratory at Northampton is available for the examination of specimens in connection with the diagnosis and control of infectious disease.

AMBULANCE SERVICE - This is one of the services for which the County Council is responsible, and the area is adequately covered.

DOMICILIARY SERVICES - These include District Nurses, Midwives and Health Visitors, who are all highly trained, qualified nurses on the staff of the County Medical Officer. The Home Help Service, also provided by the County Council, is proving more and more valuable in relieving people of domestic worries during periods of illness or confinement, and in helping old folks to remain in their own homes, so that they can retain their treasured independence.

HOSPITAL ACCOMMODATION AND OUT-PATIENT FACILITIES - The Oxford Regional Hospital Board is responsible for these services, a list of which is as follows:-

General Hospitals - Northampton and Kettering

Wellingborough - Wellingborough Hospital - Gynaecological and children
Highfield Hospital - Acute medical and skin cases also children.
Park Hospital - Chronic sick, the aged and old persons in need of care and attention.
Park Hospital - Maternity block.

Rushden Hospital - Tuberculosis and other diseases of the chest. Also beds available for skin cases.

Northampton - The Manfield Orthopaedic Hospital.

Out-patient facilities are available at the General Hospitals and also at the Rushden Memorial Hospital.

Gynaecological/Obstetrical	Monday mornings (except last Monday in month) Alternate Tuesday mornings 2nd, 4th and 5th Wednesday afternoons
Medical	2nd and 4th Monday afternoons Alternate Tuesday mornings 2nd and 4th Tuesday afternoons 1st, 3rd and 5th Friday mornings
Dietician	1st Tuesday mornings
Surgical	1st and 3rd Tuesday afternoons 2nd and 4th Friday mornings
E.N.T.	2nd and 4th Wednesday mornings 1st and 3rd Wednesday afternoons
Chest Diagnosis	Every Wednesday afternoon
Ophthalmology	Thursday mornings and afternoons
Physiotherapy	Monday afternoons Alternate Friday afternoons
Psychiatric	Thursday mornings
Skin	Thursday mornings

MEALS ON WHEELS SERVICE - The Women's Royal Voluntary Service arranges for the delivery of "Meals on Wheels" twice a week in appropriate cases. At the present time 30 meals are supplied each week and during the year the total number of meals delivered was 1,362.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply - An adequate and wholesome supply of mains water has been provided by the Nene and Ouse Water Board during the year under review.

Sewerage and Sewage Disposal - The treatment of sewage at the two sewage disposal works serving the District has been carried out under difficult circumstances of over-loading the capacity at each works and this problem will only be overcome when the proposed new disposal works become operative.

Rodent Control - In April the Northamptonshire Rat Control Committee decided to set up five District Committees and the Regional Officer of the Ministry of Agriculture, Fisheries and Food recommended that the Urban District of Raunds be included in Committee No. 5 which also comprises the Urban Districts of Irthlingborough, Oundle and Rushden, the Borough of Higham Ferrers and the Rural District of Oundle and Thrapston.

During the week commencing 23rd November all Local Authorities' properties, farm buildings, sewage works and estates throughout the County were baited. In October and November ten demonstrations were arranged on farms, these consisted of exhibitions and film shows put on by the Ministry of Agriculture, Fisheries and Food.

Common Lodging Houses - There are none within the Urban District.

SECTION D

ARBITRARY CIRCUMSTANCES OF THE AREA

HOUSING

The building programme for the year was as follows:

No. of Council houses completed during the year	-
No. of Council flats completed during the year	-
No. of Council houses under construction at the end of the year	-
No. of private houses completed during the year	78
No. of private houses under construction at the end of the year	120
No. of unfit houses presented for Clearance or Demolition in 1970	-
Grants issued for conversion or improvement	5

SECTION E.

INSPECTION AND SUPERVISION OF FOOD

FOOD AND DRUGS ACT, 1955:-

MILK SUPPLY:- There are no producer-retailers of milk within the Urban District.

THE LIQUID EGG (PASTEURISATION) REGULATIONS, 1963:- There are no pasteurisation plants within the Urban District.

FOOD HYGIENE (GENERAL) REGULATIONS, 1960:- There are 51 premises in the area concerned with the handling of food:-

Grocery	19
Greengrocery	11
Butchers	5
Cafes	1
Public Houses	6
Licensed Clubs	3
Premises preparing food	2
School Canteens	1
Slaughterhouses	3

POULTRY INSPECTION:- There are no poultry processing premises within the District.

SLAUGHTERHOUSES:- There are three slaughterhouses in the area.

WEIGHTS AND MEASURES ACT, 1963:- In all 2,635 articles were checked for weight or measure during the year, 191 of which were found to be incorrect due mainly to dehydration caused by excessive heat in shops.

FOOD SAMPLES:- Thirty-nine samples were taken in Raunds by the Chief Inspector, Weights and Measures Department, Northamptonshire County Council. All were found to be satisfactory.

SECTION F

THE PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

Health Services and Public Health Act, 1968
Public Health (Infectious Diseases) Regulations
Notification of Food Poisoning and Infectious Diseases

All provisions governing the notification of Infectious Disease and Food Poisoning are in Sections 47 to 49 of the Health Services and Public Health Act 1968 and the Public Health (Infectious Diseases) Regulations 1968.

The infectious diseases to be notified to the Medical Officer of Health are:-

Acute Encephalitis	Ophthalmia Neonatorum
Acute Meningitis	Paratyphoid Fever
Acute Poliomyelitis	Plague
Anthrax	Relapsing Fever
Cholera	Scarlet Fever
Diphtheria	Smallpox
Dysentery (Amoebic or Bacillary)	Tetanus
Infective Jaundice	Tuberculosis
Leprosy	Typhoid Fever
Leptospirosis	Typhus
Malaria	Whooping Cough
Measles	Yellow Fever

Since 1968 notification of the diseases listed below is no longer required:-

Acute Influenzal Pneumonia	Erysipelas
Acute Primary Pneumonia	Membranous Croup
Acute Rheumatism	Puerperal Pyrexia

Responsibility for notifying a case or suspected case of Food Poisoning or Infectious Disease rests exclusively on the medical practitioner attending the patient unless he believes that another practitioner has already notified the case.

SECTION 6

THE FACTORIES ACT

Prescribed Particulars on the Administration of the Factories Act 1961

PART 1 OF THE ACT

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authorities	16	5	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	-	-	-	-
Total	16	5	-	-

2 - CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Total	-	-	-	-	-

PART VIII OF THE ACT

OUTWORK

(Sections 133 and 134)

Nature of Work	Section 133			Section 134		
	No. of Out-workers in August list required by Section 133 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing Apparel	-	-	-	-	-	-
Stuffed Toys	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-



