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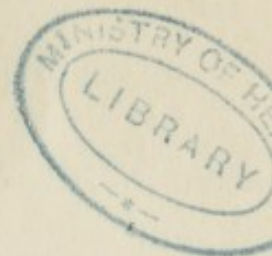
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URBAN DISTRICT OF RAYLEIGH.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH


(Norman Lorraine, M.D., Ch.B., D.P.H., F.R.S.E.)

including THE REPORT of the

SANITARY INSPECTOR

(E. H. Lloyd, C.R.S.I.)

FOR 1939.



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PUBLIC HEALTH STAFF.Medical Officer of Health \*

Norman S. R. Lorraine, M.D., M.B., Ch.B., F.R.S.E., D.P.H.,  
R.C.P.S. Edin. and R.F.P.S. Glas.  
Also Medical Officer of Health for Benfleet and  
Canvey Island Urban District Councils and Assistant  
County Medical Officer, Essex County Council.

Assistant Medical Officers - Essex County Council.

J. H. Crosby, M.B., Ch.B., D.P.H.  
Jemima B. Ratcliffe, M.B., Ch.B., J.P. /

Orthopaedic Surgeon (part-time)

B. Whitchurch Howell, F.R.C.S.

Ophthalmologist.

J. Horton Young, M.B., B.S., D.O.M.S.

District Dental Surgeon.

D. W. Hurley, L.D.S., R.F.P.S.

Specialist, Ears, Nose and Throat (Southend General Hospital - part-time)

C. Hamblen Thomas, F.R.C.S.

Health Visitor.

Mrs. M. Cassidy, C.M.B., General Training, N. Canterbury Hospital,  
New Zealand. She takes part in the work of the School  
Medical Inspection, Tuberculosis and Child Welfare  
under the County Council schemes.

Clerk to the Medical Officer of Health.

Miss D. Grudgings.

Sanitary Inspector \*

E. H. Lloyd, C.R.S.I. This officer is qualified in accordance  
with the Sanitary Officers (Outside London) Order, 1935,  
and in addition holds other certificates

\* One half of the salary attached to these offices  
is paid by the County Council from Exchequer  
Contribution Account.

/ Part-time. Also in general practice.



ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1939.

Public Health Department,  
London Road,  
HADLEIGH, Essex.

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

Mr. Chairman and Gentlemen,

I have the honour of presenting for your consideration my Tenth Annual Report on the health and sanitary circumstances of your Urban District for the year 1939.

A Circular was issued by the Ministry of Health, dated 19th July, 1940, addressed to the Clerk of the Local Authority indicating that in view of the increasing pressure of work in the public health department of local authorities and the need for strict economy in the use of paper, the Minister considers that interim reports only should be made for the year, 1939, which this is intended to be.

I desire again to express my gratitude to all members of the staff of the Department for their loyal co-operation and also to officers of other Departments for information and assistance readily given from time to time.

For the sympathetic consideration and assistance received during the year, I should like to express my thanks to the Council.

I beg to remain,

Your obedient Servant,

NORMAN LORRAINE.

M.D., M.B., Ch.B., F.R.S.E., D.P.H.  
R.C.P.S. Edin. and R.F.P.S. Glas.

October, 1940.

SECTION A - STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	...	...	...	5,787
Population:				
(a) For calculation of Birth Rates	...			8,002
(b) For calculation of Death Rates				
or the incidence of notifiable				
disease	...	...	...	8,024
Number of inhabited houses (end of 1939)				
according to Rate Books	...			2,628
Rateable Value	...	...	...	£53,007
Sum represented by a penny rate			...	£201

In the above and following statistics, several routine details are omitted, as non-essential.

## EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

England and Wales.      Live Births - 15.0      Deaths - 12.1  
Deaths under one year of age - 50.0

Rayleigh U. D. C.Live Births (a) B.R. (For calculating Birth Rates)

	<u>Total.</u>	<u>M.</u>	<u>F.</u>	
	101	59	42	Birth Rate per
Legitimate	98	57	41	1,000 estimated
Illegitimate	3	2	1	resident population
				.. 12.6 ..

## (b) I.M. etc (For calculating Infant and Maternal Mortalities)

Total	105	61	44
Legitimate	102	59	43
Illegitimate	3	2	1

Stillbirths.

Total	2	2	-	Rate per 1,000
Legitimate	2	2	-	total (live and
Illegitimate	-	-	-	still) births
				.. 19.4 ..

Deaths

Total	114	64	50	Death Rate per
				1,000 estimated
				average population
				.. 14.2 * ..

Deaths from puerperal causes:-

	Deaths.	Rate per 1,000 total (live & still) births.
Puerperal sepsis	-	-
Other puerperal causes	-	-
Total	-	-

Death Rate of Infants under one year of age:

Total number of infants	...	...	7
All infants per 1,000 live births	...	...	66.6
Legitimate infants per 1,000 legitimate live births	...	...	40.0
Illegitimate infants per 1,000 illegitimate live births	...	...	1000.0
Deaths from Cancer (all ages)	...	...	20
Deaths from Measles (all ages)	...	...	-
Deaths from Whooping Cough (all ages)	...	...	-
Deaths from Diarrhoea (under 2 years of age)	...	...	2

\* This figure to render it comparable with the death rate for the country as a whole, has to be multiplied by the Areal Comparability Factor 0.89 which has been supplied by the Registrar General as requisite to redress the abnormal constitution of the local population from the point of view of sex and age components. Applying this factor, the corrected death rate is 12.6 as compared with 12.1 for the country as a whole.



## SECTION B. - GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

In respect of (a) Laboratory Facilities, (b) Ambulance Facilities, (c) Nursing in the Home, (d) Treatment Centres and Clinics and (e) Hospitals, there are no essential changes to note.

## SECTION C - SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply. The number of houses connected with the public supply at the end of the year was 2,712, an increase of 151 as compared with the number connected at the end of 1938.

Closet Accommodation. Of the 128 new houses erected during the year, 120 were connected to the sewer.

48 existing houses were converted from a conservancy system of drainage and were connected to the sewer.

Public Cleansing. The usual work was undertaken and refuse is collected once weekly except from the Rawreth area, where a once fortnightly collection is in operation.

The Council is considering the introduction of a salvage scheme.

Night Soil. Night soil is collected from 66 houses in the district; 42 by the Council and 24 by a contractor.

Visits and Inspections. During the year 989 inspections and visits were made in the detection and abatement of nuisances, repair and improvement of houses, the abatement of overcrowding and the administration of the Factories Acts, Food and Drugs Act, Milk and Dairies Acts and Orders, and enquiries into cases of infectious diseases.

Factories Act, 1937. 16 inspections were made of factories and only on one occasion were conditions found not to be satisfactory. This was remedied by the provision of an additional W. C.

Petroleum (Consolidation) Act, 1928. 17 licences were issued to store petroleum within the district. 20 visits were made to premises licensed for the storage of petroleum.

In other branches of sanitary administration, the usual routine work was carried out without any essential changes.

## SECTION D - HOUSING.

Activities in connection with housing were largely curtailed by the outbreak of hostilities.

During the year two houses were demolished as the result of Demolition Orders, and 25 houses were inspected and recorded under the Housing Consolidated Regulations.

## SECTION E - INSPECTION AND SUPERVISION OF FOOD.

Milk Supply. 30 persons and premises were registered by the Council at 31st December, 1939.

10 visits were paid to producers premises and to dairies during the year.

4 samples of milk were taken and submitted to bacteriological examination during the year, 3 being of ordinary and one of graded milk. With the exception of one ungraded milk, all were reported as being of a satisfactory standard of cleanliness. In addition to the above samples, 25 samples of milk were taken at Accredited farms in the district by the Essex County Council and of these 6 were reported as unsatisfactory.

20 samples of milk from producers premises in the district were taken by the Essex County Council for biological examination and all were reported as not containing tubercle bacilli.



Milk (Special Designations) Order, 1936. 8 licences were issued by the Essex County Council and the district council for the production and distribution of graded milks.

Ice Cream. 15 persons and premises were registered for the manufacture or sale of ice cream on 31st December, 1939.

Meat and Other Foods. There is one registered slaughterhouse in the District and 130 visits both for ante-mortem and post-mortem inspection were paid during the year. Approximately 1267 lbs. of unsound food were surrendered.

Food and Drugs (Adulteration) Act, 1928. Food and Drugs Act, 1938. The usual sampling was carried out by the Essex County Council who are the Food and Drugs Authority for the area. 29 samples were taken and all samples except two were found to be genuine.

#### SECTION F - PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

In respect of the prevalence of infectious diseases, there are no matters of outstanding importance to report.

Tuberculosis. During the year, a total of thirteen cases of tuberculosis were notified, twelve of which were respiratory and one non-respiratory. Of the respiratory cases, nine were males and three were females and the one non-respiratory case was a male.

It is regretted that during the year four male and one female cases of respiratory tuberculosis died and there was also one male non-respiratory death.

#### AIR RAID PRECAUTIONS ACT, 1937.

Heavy responsibilities have devolved upon this Department in respect of the Emergency Medical Services (Casualty Services).

In this District, one First Aid Post, one Mobile First Aid Unit and one First Aid Point have been established, equipped and staffed as hereunder:-

First Aid Post, Eastwood Road, Rayleigh.	Medical Officer in charge, Dr. J. C. T. Fiddes.
Mobile First Aid Unit, based on First Aid Post.	Medical Officer in charge - Dr. J.M.Searle.
First Aid Point - Rawreth Rectory.	

A Nurse in Charge has also been allocated to the First Aid Post and Mobile Unit by the Civil Nursing Reserve.



