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**Contributors**

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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

1941.

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. /

Health Visitor - Essex County Council.

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 1941.

Public Health Department,  
London Road,  
HADLEIGH, Essex.

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

Mr. Chairman, Madam and Gentlemen,

I have the honour of presenting for your consideration my  
Twelfth Annual Report on the health and sanitary circumstances of your  
Urban District for the year 1941.

In accordance with the Ministry of Health Circular 2604, of  
the 24th March, 1942, this is intended to be an interim report and, on  
grounds of national security, as instructed in this Circular afore-  
mentioned, certain facts and figures must not be published.

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.

June, 1942.

#### SECTION A - STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	...	...	...	...	5,787
Number of inhabited houses (end of 1941) according to Rate Books	...	...	...	...	2,700
Rateable Value	...	...	...	...	£53,667
Sum represented by a penny rate	...	...	...	...	£210

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      14.2      Deaths      12.9  
Deaths under 1 year of age      59.0

#### Rayleigh U.D.C.

Live Births.      (For calculating Infant and Maternal Mortalities  
and Birth Rates)

	<u>Total.</u>	<u>M.</u>	<u>F.</u>
Total	99	54	45
Legitimate	95	51	44
Illegitimate	4	3	1

Stillbirths.      (For calculating Infant and Maternal Mortalities  
and Birth Rates)

	<u>Total.</u>	<u>M.</u>	<u>F.</u>
Total	5	3	2
Legitimate	5	3	2
Illegitimate	-	-	-

Deaths.      113      55      58



Deaths from puerperal causes:-

Puerperal sepsis	Nil.
Other maternal causes	1.
Total	1.
Rate per 1,000 total (live & still births)	9.6

Death Rate of Infants under one year of age:-

Total number of infants	...	...	5
All infants per 1,000 live births	...	...	50.5
Legitimate infants per 1,000 legitimate live births	...	...	52.6
Illegitimate infants per 1,000 illegitimate live births	...	...	-
Deaths from Cancer (all ages)	...	...	19
Deaths from Measles (all ages)	...	...	-
Deaths from Whooping Cough (all ages)	...	...	1
Deaths from Diarrhoea (under 2 years of age)	...	...	-

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 premises connected with the public supply at the end of the year was 2719, an increase of 2 as compared with the number connected at the end of 1940.

Closet Accommodation. There was no change in the position during the year.

Public Cleansing. The usual work was undertaken and refuse is collected once fortnightly.

A salvage scheme is now in operation.

Night Soil. Night soil is collected from 66 houses in the district; 36 by the Council and 30 by a Contractor.

Visits and Inspections: During the year 1079 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 disease.

Factories Act, 1937. 15 inspections were made of factories and no defects or infringements of the Act were found.

Petroleum (Consolidation) Act, 1928. 2 licences were issued to store petroleum within the district. 32 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.

It was found quite impossible to carry out routine housing inspections during the year owing to the extent of war time duties performed by the Inspector responsible for this work.

## SECTION E - INSPECTION AND SUPERVISION OF FOOD.

Milk. 22 persons and premises were registered by the Council at 31st December, 1941. These included 13 producers premises, 1 bottling establishment, 5 shops from which milk is sold in sealed bottles as received from a registered dairy, and 3 firms who retail milk in the district from barrows and who are registered at dairies situate outside the district.

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, 1941.

Meat and Other Foods. The one slaughterhouse in the district is now under the control of the Ministry of Food.

220 visits, both ante-mortem and post-mortem inspection were paid during the year and there were inspected 169 cows, 52 cattle excluding cows, 403 calves, 8,552 sheep and 294 pigs.

Approximately 11 ton 1 cwt. of unsound food was condemned at this slaughterhouse.

In addition, 5½ cwt. of foodstuffs were surrendered by shopkeepers and condemned as unfit.

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 Drug Authority for the area.

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

There are no matters of outstanding importance to report in respect of the prevalence of infectious diseases. Particulars of all cases notified during the year will be found in the table on page 6. I am glad to be able to report that during the year there were no deaths from diphtheria, no cases being notified.

Tuberculosis. During the year, the following cases were notified:-

Respiratory: Civilian 8, males 2, females 6.  
Non-civilian 1, male.

Non-Respiratory: Civilian 1, male.

It is regretted that during 1941, there were six civilian deaths from tuberculosis, all females, five respiratory and one non-respiratory.

Immunisation against Diphtheria. During the year, the Scheme of Immunisation against Diphtheria proceeded satisfactorily, propaganda being intensified when occasion arose. At the end of December, the number of children in the District who had been immunised against diphtheria was slightly lower than the average number for England and Wales.



### AIR RAID PRECAUTIONS.

This Department has assumed the normal responsibilities in respect of the Emergency Medical Services (Casualty Services). One Fixed First Aid Post and two Mobile First Aid Posts have been established, equipped and staffed. At the end of the year, Drs. Fiddes, Searle and Bateman were acting as Medical Officers in Charge of these Posts and a Nurse in Charge of the Fixed First Aid Post and two Assistant Nurses in Charge of the Mobile First Aid Posts had been allocated by the Civil Nursing Reserve.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1941.

NOTIFIABLE DISEASE.	Cases included in Weekly Returns.													Cases admitted to Hospital.	Total Deaths.	Sex.	
	At ages															M.	F.
	All ages	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over.				
Smallpox ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever ..	16 (1)	1 (1)	-	-	-	1	9	1	-	3	-	1	-	12	-	8	8
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebro-spinal fever ..	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-
Eruptive Pyrexia ..	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2
Acute Pneumonia ..	15	-	1	-	-	1	1	1	-	1	2	4	4	5	2	9	6
Erysipelas ..	6	-	-	-	-	-	-	-	-	-	-	3	3	-	-	3	3
Measles ..	297	13	22	21	23	23	166	24	1	3	-	1	-	2	-	156	141
Whooping cough ..	87	6	8	10	6	8	43	3	1	1	-	1	-	2	1	44	43
<u>NON-CIVILIAN</u>																	
Diphtheria ..	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-
Measles ..	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-

Figures in parentheses indicate the number of cases in which the diagnosis was not confirmed.



