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Annual Report of M.O.H.

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N D I S T R I C T O F  
C A N V E Y I S L A N D .

A N N U A L R E P O R T

of the

M E D I C A L O F F I C E R O F H E A L T H

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


including THE REPORT of the

S A N I T A R Y I N S P E C T O R

(E. Ditchburn, C.R.S.I.)

for

1 9 4 2 .



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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 Rayleigh Urban District Councils and  
Assistant County Medical Officer, Essex  
County Council.

Assistant Medical Officer - Essex County Council.

Esther P. Jones, M.R.C.S., L.R.C.P.

Health Visitor - Essex County Council.

Miss A. M. Young, General Training and Midwifery Training,  
University College Hospital, London. Queens  
Institute District Nursing, London. New Health  
Visitor's Certificate, Royal Sanitary Institute,  
London.

Clerk to the Medical Officer of Health.

Miss D. Grudgings.

Sanitary Inspector \* and Inspector under the Petroleum  
(Consolidation) Act, Factory and Workshops  
Act, and the Rats and Mice Destruction Act, 1919.

E. Ditchburn, C.R.S.I.

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

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE  
YEAR 1942.

Public Health Department,  
London Road,  
HALEIGH, Essex.

To the Chairman and Members of the  
Urban District Council of Carvey Island.

Mr. Chairman, Madam and Gentlemen,

I have the honour of presenting for your consideration my  
Fourteenth Annual Report on the health and sanitary circumstances of  
your Urban District for the year 1942.

In accordance with the Ministry of Health Circular 2773, of  
the 10th March, 1943, 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mentioned, certain facts and figures must not be published.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, 1943.

SECTION A. STATISTICS AND SOCIAL CONDITIONS  
OF THE AREA.

Area (in acres) ... ..	9,071
comprising Island, Foreshore and Tidal Waters	
Number of inhabited houses (end of 1942) according to Rate Book ... ..	3,850
Rateable Value ... ..	£42,489
Sum represented by a penny rate ... ..	£140

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

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

England and Wales. Rates per 1,000 Civilian Population:-

Live Births: 15.8 Deaths: 11.6

Rate per 1,000 live Births:-

Deaths under 1 year of age: 49

Canvey Island U. D. C.

	<u>Total.</u>	<u>M.</u>	<u>F.</u>
<u>Live Births:</u>			
Total	137	71	66
Legitimate	127	67	60
Illegitimate	10	4	6
<u>Still Births.</u>			
Total	4	1	3
Legitimate	4	1	3
Illegitimate	-	-	-
<u>Deaths.</u>	81	41	40

When comparing the Birth and Death Rates for 1942 with those of 1941, the 1942 Birth Rate shows a substantial increase whilst the 1942 Death Rate has diminished.

Deaths from puerperal causes:-

Puerperal sepsis	Nil.
Other maternal causes	Nil.

Death Rate of Infants under one year of age:-

Total number of deaths	...	...	5
All infants per 1,000 live births	...	...	36.5
Legitimate infants per 1,000 legitimate live births	...	...	39.4
Illegitimate infants per 1,000 illegitimate live births	...	...	-
Deaths from Cancer (all ages)	...	...	18
Deaths from Measles (all ages)	...	...	-
Deaths from Whooping Cough (all ages)	...	...	-
Deaths from Diarrhoea (under 2 years of age)	..	..	1

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. 2,794 houses were connected to Southend Water Company's mains at the end of the year - an increase of 6.

Drainage and Sewerage. There are 496 connections to the sewer affecting 982 properties. Twelve new connections were made during 1942.

Public Cleansing. 756 loads of refuse were collected from 65 bins, each bin serving several streets.

Salvage. Waste paper is collected on receipt of postcards and also periodical collection is made from various depots on the Island. Tins, scrap iron, rubber, bottles and rags are also collected.

Visits and Inspections. 943 visits were made for public health purposes during the year.

Factories Act, 1937. A total of 25 inspections were made including visits to premises of Outworkers.

Petroleum (Regulations) Acts, 1928 and 1936. 5 inspections were made and one licence was issued during the year.

In other branches of sanitary administration, the usual routine work was carried out but no essential changes occurred.

SECTION D. HOUSING.

No new houses were erected during the year 1942. 134 inspections were made in respect of repairs carried out under the Housing Act, 1936.

SECTION E. INSPECTION AND SUPERVISION OF FOOD.

Milk Supply. At the end of the year 7 farms and other premises used as dairies were registered and 20 retail purveyors were also registered.

Milk (Special Designations) Order, 1936. One licence to sell Pasteurised milk and one licence to sell Tuberculin Tested milk were granted.

The licences were supplementary licences for the retail sale of milk in the district.

Meat and Other Foods. No slaughterhouse exists in the District. Periodical inspection is made of butchers shops and the meat therein examined.

Fish. Fish shops were inspected periodically.

Food and Drugs (Adulteration) Act, 1928, etc. Six samples of milk - three each from the two vendors of milk on the Island at three separate times and a sample of Custard Powder from a Grocer's shop. All the samples on analysis were found to be genuine.

Milk and Dairies Acts and Orders. Fourteen samples of milk were submitted to the Methylene Blue Reduction Test and three were found to be unsatisfactory.

One sample of milk was submitted to biological examination, the result was negative.

Two samples of Pasteurised milk obtained at a school were submitted to a bacterial count examination, the result was satisfactory.

One sample of sterilised milk was also submitted to a bacterial count examination, the result was satisfactory.

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 of notifiable disease occurring in the Urban District during 1942 will be found in the table on page 6.

Scabies. There was an increase in the incidence of scabies during the year, and arrangements are being made for the use of the cleansing section of the First Aid Post at Carvey Island, for treatment, with the co-operation of the Emergency Medical Services Department - Essex County Council.

The treatment, which will be given on a "family unit" basis, involves a bath and the use of 25% emulsion of Benzyl Benzoate as recommended in the Memorandum of the Ministry of Health, 229/Mod, revised June, 1942.

Venereal Diseases. Regulation 33B does not come within the purview of the local sanitary authority.

Diphtheria Immunisation. During the year, the scheme of immunisation against diphtheria proceeded satisfactorily, propaganda being intensified when occasion arose. During the year, 151 children under 5 years, and 144 children between 5-15 years were immunised under the Local Authority's Scheme. At the end of December, 1942, the estimated percentage of immunised children in the district was as follows:-

Under 5 years: 53.4%

5-15 years: 59.1%

It is pleasurable to record that not a single case of Diphtheria was notified during the year.

Tuberculosis. I am unaware of any undue incidence of this disease associated with any local cause or condition. The majority of the cases come from outside the District, chiefly from Greater London, having already been notified and are transfers under the Public Health (Tuberculosis) Regulations, 1930.

During 1942, 11 cases of tuberculosis were notified, 10 pulmonary and 1 non-pulmonary. Of these pulmonary notifications, 3 were males and 7 were females. The non-pulmonary notification was male.

It is regretted that during the year, there were 5 deaths from tuberculosis, 4 pulmonary, 2 males and 2 females, and 1 male non-pulmonary.



NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING 1942.

NOTIFIABLE DISEASE	Cases included in Weekly Returns													Cases admitted to hospital.	Total Deaths.	Sex.		
	ALL ages	At ages														M.	F.	
		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					
Scarlet fever	10 (1)	(1)	-	-	-	1	1	2	-	1	1	-	-	-	9	-	2	8 (1)
Acute Primary Pharyngitis	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Measles	180	2	6	16	15	13	110	14	3	1	-	-	-	-	-	-	98	82
<u>NON-CYLLIAN</u> Scarlet Fever	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-

Figures in parentheses indicate the number of cases in which the diagnosis was unconfirmed.