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Contributors

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BOROUGH OF CHELMSFORD



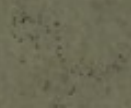
ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE
Year ended 31st December, 1951

MERVYN THOMAS, M.D., B.Sc., D.P.H., M.R.San.I.

*Medical Officer of Health.
Area Medical Officer, Mid-Essex.
Divisional School Medical Officer, Mid-Essex.
Medical Officer, Isolation Hospital.*

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BOROUGH OF CHELMSFORD

PUBLIC HEALTH OFFICERS OF THE BOROUGH.

Medical Officer of Health :

J. MERVYN THOMAS, M.D., B.Sc., D.P.H., M.R.San.I.

Clerk :

J. A. G. POTTER

Senior Sanitary Inspector :

R. F. WYNN, C.R.S.I., M.S.I.A.

Sanitary Inspectors :

E. ALTY, C.R.S.I., M.S.I.A.

H. FIELD, C.R.S.I., M.S.I.A.

R. PRICHARD, C.R.S.I., M.S.I.A.

Sanitary Inspector's Department :

Clerks :

S. V. EDWARDS

T. H. CARTER

Veterinary Inspector (part-time) :

MR. H. G. McSHANE, M.R.C.V.S.

195, Springfield Road,
Chelmsford.

26th June, 1952.

ANNUAL REPORT, 1951.

Mr. Mayor, Ladies and Gentlemen,

The thirteenth Annual Report of the Medical Officer of Health is presented for your consideration.

The estimated population is 37,690, this being slightly lower than the preliminary census figure of 37,888 mentioned in my Report of 1950.

The death rate of infants under one year of age is 28.22, this being higher than last year, but lower than the figure for England and Wales, which is 29.6 per 1,000 related live births.

An investigation into the causes of death of the 16 infants during the year resulted as follows :—

Prematurity and Atelectasis	7
Prematurity, Premature Labour	1
Pericarditis, Emphysema of Chest	1
Heart Failure, Congenital Pulmonary Stenosis	1
Broncho Pneumonia	1
Congenital Morbus Cordis, collapse of right lung	1
Cerebral Hæmorrhage	1
Toxæmia, Intestinal Obstruction	1
Broncho Pneumonia, Subarachnoid Hæmorrhage	1
Erythroblastosis Fœtal, Prematurity	1

The year was once again free from major disease—there were no epidemics, no outbreaks of food poisoning and diphtheria was absent. There were no deaths from measles, whooping cough or diarrhœa. Neither were there any deaths from maternal causes. There was also an absence of typhoid and enteric fevers.

The major deaths were therefore the inevitable ones at the end of the scale, of which 147 were over the age of 75, and 313 over the age of 55, out of a total death recording of 388. It is interesting to note that coronary disease claimed 50 of the total deaths. The deaths from street accidents were the same as last year, namely 4.

The Clean Food Committee set up by the Borough Council held meetings during the year and discussed methods of a clean food campaign. It was recommended that continued vigilance, together with additional propaganda from time to time was a better method of sustaining higher standards than one isolated week of activity. Consideration was given to lectures, exhibitions, films, inauguration of Guilds and a code of practice, together with the new Byelaws. Representative members were co-opted from all food distributors in the Borough, and their combined advice and observations proved most helpful.

It is inevitable that the commencement of refuse disposal in the site on Victoria Road soon proved a source of annoyance to nearby residents. However, your officers were ever watchful in this matter, and the Public Health Committee acted on the advice, taking such measures to reduce the annoyance as were practicable. It will be a happy day when this site has been completely covered, as it must always be a source of danger right in the heart of the Borough. In this connection the Health Committee have been very much concerned with the nuisance of smoke abatement in the Borough, of which there have been signs of continued nuisance for some time.

In the Public Conveniences, an experimental trial of an electric drying machine was set up, as an encouragement to a higher standard of hygiene in the population and in particular for the use of food handlers. It is too soon to report the results of this experiment, but this is a most important step towards better health and the prevention of food poisoning.

The following Byelaws were made during the year by the Mayor, Aldermen and Burgesses of the Borough of Chelmsford, Acting by the Council :—

1. BYELAW (made under Section 164 of the Public Health Act, 1875) with respect to the flying of power-driven model aircraft in the Pleasure Grounds.
2. BYELAW for the GOOD RULE AND GOVERNMENT OF THE BOROUGH (Wireless loudspeakers, etc., the sale of contraceptives in slot machines, and the prohibition of cycling on footpaths not alongside highways).
3. BYELAW (made under Section 164 of the Public Health Act, 1875) with respect to the flying of power-driven model aircraft in the Pleasure Ground known as "The Waterhouse Lane Recreation Ground".
4. BYELAW (made under Section 17 of the Water Act, 1945) for preventing waste, undue consumption, mis-use or contamination of water supplied by them.

The present method of recording the results of ice cream samples and publicity in the Monthly Public Health Minutes has been followed by a marked increase in the higher standard of ice cream sold, which is very satisfactory. This is particularly good, having in mind the ever-increasing number of ice cream vendors applying to the Council for licences to sell ice cream.

During the year the office of the Medical Officer of Health was transferred from Coval Lane to 195, Springfield Road, Chelmsford (Telephone No. Chelmsford 4891) to which office all communications should be addressed.

Finally, I would like to thank the Members of the Public Health Committee, and the Chairman, for their continued support, together with the help given me by the other Chief Officers and the co-operation of Mr. Wynn, the Chief Sanitary Inspector.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

J. MERVYN THOMAS,

MEDICAL OFFICER OF HEALTH.

INFANT MORTALITY.

Appended is a list of all figures of Infant Mortality, under one year of age, of all infants per 1,000 live births, since the year 1945.

INFANT MORTALITY, 1945-1951.

1945	..	..	..	..	45.45
1946	..	..	..	..	54.28
1947	..	..	..	..	25.97
1948	..	..	..	..	29.27
1949	..	..	..	..	19.93
1950	..	..	..	..	25.09
1951	..	..	..	..	28.22

CIRCULARS, ETC., RECEIVED DURING THE YEAR 1951.

Circular.	Number.	Title.
Ministry of Food Circular ..	MF.22/50	.. Food and Drugs (Milk, Dairies and Artificial Cream) Act, 1950.
Ministry of Food Circular ..	MF.13/51	.. Emergency Laws. The Food Standards (Ice-Cream) Order, 1951.
Ministry of Food Circular ..	MF.67/51	.. Food and Drugs, England The Ice-Cream (Heat Treatment, etc.) Amendment Regulations, 1951.
Ministry of Health Circular ..	8/51	.. Ice-Cream (Heat Treatment, etc.) Regulation, 1947-1951. Provision of thermometers—Siting and fitting — Control thermometers.
The Central Council for Health Education Circular Letter, 12-1-51 ..	..	.. Safe Food Campaigns.
Ministry of Food Circular ..	MF.5/51	.. Milk and Dairies Regulations, 1949. Approved Oxidising and Preservative Agents.
Ministry of Food Circular ..	MF.9/51	.. The Cream (Revocation) Order, 1951.
Statutory Instruments ..	1951, No. 593	The Cream (Revocation) Order, 1951.
Ministry of Food Circular ..	MF.11/51	.. The Dried Egg (Control of Use) (Revocation) Order, 1951. (Statutory Instrument, 1951, No. 923).
The Central Council for Health Education Circular Letter, 25-5-51		.. New treatment of an existing poster <i>re</i> infection from flies.

Circular.	Number.	Title.
Statutory Instrument, 1951. . . Civil Defence	No. 755	.. The Civil Defence (Designation of the Minister of Health and the Minister of Local Government and Planning) Order, 1951.
Statutory Instrument . . .	1951 No. 1022	The Sanitary Officers (Outside London) Regulations, 1951.
Ministry of Health Circular . .	27/51	.. Medical Officers of Health and Sanitary Inspectors—Procedure for filling vacancies in these offices.
Statutory Instrument, 1951 . .	No. 1036	.. The Public Health (Leprosy) Regulation, 1951.
Statutory Instrument, 1951 . .	No. 1081	.. The Puerperal Pyrexia Regulations, 1951.
Ministry of Health Circular . .	28/51	.. Notification of Puerperal Pyrexia. Previous definition of puerperal pyrexia modified—new form of notification introduced.
Ministry of Health Circular . .	29/51	.. Regional Organisation — Revised Arrangements.
Ministry of Health Circular . .	23/51	.. Civil Defence Act, 1948. Duties of Local Authorities in relation to :— (i) The Casualty Services ; and (ii) Public Health in time of War.
Ministry of Health Circular . .	33/51	.. Notification of Infectious Diseases and Food Poisoning.
Ministry of Food Circular . .	18/51	.. The Slaughter of Animals (Amendment) Act, 1951.
Ministry of Health Circular . .	37/51	.. National Assistance Act, 1948. National Assistance (Amendment) Act, 1951—Removal of Persons in need of Care and Attention.
Ministry of Food Circular . .	19/51	.. Milk and Dairies Regulations, 1949. Approved Oxidising and Preservative Agents.
Statutory Instrument . .	1951 No. 1846	Rag Flock and Other Filling Materials Regulations, 1951.
Ministry of Local Government and Planning Explanatory Memorandum		.. The Rag Flock and Other Filling Materials Act, 1951.
Ministry of Local Government and Planning Circular	62/51	.. Rag Flock and Other Filling Materials Act, 1951.
Ministry of Food Circular . .	MF.20/51	.. Dogs in Food Shops, Restaurants etc.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

AREA (in acres)	..	..	4,755.
POPULATION, 1951	..	}	37,690 (Registrar-General's estimate of resident population, mid-year). (Census, 1951—37,888).
NUMBER OF INHABITED HOUSES (end of 1951) according to Rate Books	..		
			11,254
RATEABLE VALUE (1st April, 1951)			£388,016
SUM REPRESENTED BY A PENNY RATE (year ending 31st March, 1951)	..	..	£1,550

EXTRACTS FROM VITAL STATISTICS.

BIRTHS.

		Total.	Male.	Female.	
Live Births	Legitimate	.. 536	.. 298	.. 238	Birth Rate per 1,000 of the estimated resident population mid-1951—15.04.
	Illegitimate	.. 31	.. 13	.. 18	
	Totals	.. 567	.. 311	.. 256	
Still births	Legitimate	.. 8	.. 5	.. 3	Rate per 1,000 live and still births—15.63
	Illegitimate	.. 1	.. —	.. 1	
	Totals	.. 9	.. 5	.. 4	
DEATHS	..	.. 388	.. 200	.. 188	Death Rate per 1,000 of the estimated resident population —10.29.

Deaths from Puerperal causes :—

Puerperal Sepsis	..	..	..	..	..	Nil.
Maternal causes	..	..	..	..	..	Nil.

Death Rate of Infants under one year of age :—

All Infants per 1,000 births	..	..	..	..	28.22
Legitimate Infants per 1,000 legitimate live births	..	..	..	..	27.99
Illegitimate Infants per 1,000 illegitimate live births	..	..	..	..	32.26
Deaths from Cancer (all ages)	..	..	..	..	46
Deaths from Measles (all ages)	..	..	..	..	Nil.
Deaths from Whooping Cough (all ages)	..	..	..	..	Nil.
Deaths from Diarrhoea, etc. (under two years of age)	..	..	..	..	Nil.

DEATHS.

DEATHS AT VARIOUS AGES DURING THE YEAR 1951.

Under 1	1-2	2-5	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75+
16	1	2	4	2	7	13	30	62	104	147

DEATHS FROM ALL CAUSES, 1951.

Causes of Death.	Males.	Females.	Total.
Tuberculosis, respiratory	2	3	5
Tuberculosis, other	—	—	—
Syphilitic disease	1	—	1
Diphtheria	—	—	—
Whooping cough	—	1	1
Meningococcal infections	1	—	1
Acute poliomyelitis	—	—	—
Measles	—	1	1
Other infective and parasitic diseases	7	7	14
Malignant neoplasm, stomach	9	2	11
Malignant neoplasm, lung, bronchus	—	9	9
Malignant neoplasm, breast	—	4	4
Malignant neoplasm, uterus	17	16	33
Other malignant and lymphatic neoplasms	—	—	—
Leukæmia aleukæmia	—	1	1
Diabetes	25	25	50
Vascular lesions of nervous system	37	13	50
Coronary disease angina	9	6	15
Hypertension with heart disease	18	36	54
Other heart disease	4	3	7
Other circulatory disease	—	—	—
Influenza	8	9	17
Pneumonia	9	10	19
Bronchitis	5	2	7
Other diseases of the respiratory system	7	2	9
Ulcer of stomach and duodenum	—	1	1
Gastritis, enteritis and diarrhoea	4	3	7
Nephritis and nephrosis	3	—	3
Hyperplasia of prostate	—	—	—
Pregnancy, childbirth, abortion	4	4	8
Congenital malformations	24	20	44
Other defined and ill-defined diseases	2	2	4
Motor vehicle accidents	4	6	10
All other accidents	—	2	2
Suicide	—	—	—
Homicide and operations of war	—	—	—
Totals	200	188	388

ANNUAL REPORTS OF MEDICAL OFFICERS OF HEALTH—1951.

VITAL STATISTICS.

BIRTH-RATES, DEATH-RATES, ANALYSIS OF MORTALITY, MATERNAL MORTALITY
AND CASE-RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1951.

(Provisional figures based on Quarterly Returns).

	England and Wales	126 County Boroughs and Great Towns (including London)	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County
Rates per 1,000 Home Population				
<i>Births.</i>				
Live births	15.5	17.3	16.7	17.8
Still births	0.36	0.45	0.38	0.37
<i>Deaths.</i>				
All Causes	12.5	13.4	12.5	13.1
Typhoid and paratyphoid	0.00	0.00	0.00	—
Whooping cough	0.01	0.01	0.01	0.01
Diphtheria	0.00	0.00	0.00	0.00
Tuberculosis	0.31	0.37	0.31	0.38
Influenza	0.38	0.36	0.38	0.23
Smallpox	0.00	0.00	0.00	—
Acute poliomyelitis (including polioencephalitis)	0.00	0.01	0.01	0.00
Pneumonia	0.61	0.65	0.63	0.61
<i>Notifications (Corrected).</i>				
Typhoid fever	0.00	0.00	0.00	0.01
Paratyphoid fever	0.02	0.03	0.02	0.01
Meningococcal infection	0.03	0.04	0.03	0.03
Scarlet fever	1.11	1.20	1.20	1.10
Whooping cough	3.87	3.62	4.00	3.11
Diphtheria	0.02	0.02	0.03	0.01
Erysipelas	0.14	0.15	0.12	0.15
Smallpox	0.00	0.00	0.00	—
Measles	14.07	13.93	14.82	14.64
Pneumonia	0.99	1.04	0.96	0.72
Acute poliomyelitis (including polioencephalitis)				
Paralytic	0.03	0.03	0.03	0.02
Non-paralytic	0.02	0.02	0.03	0.02
Food poisoning	0.13	0.15	0.08	0.23

VITAL STATISTICS—*continued*

	England and Wales	126 County Boroughs and Great Towns (including London)	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County
	Rates per 1,000 Live Births			
<i>Deaths.</i>				
All causes under 1 year of age	29.6 (a)	33.9	27.6	26.4
Enteritis and diarrhoea under 2 years of age	1.4	1.6	1.0	0.7
	Rates per 1,000 Total (Live and Still) Births			
<i>Notifications (Corrected).</i>				
Puerperal fever and pyrexia ..	10.66	13.77	8.08	14.90

Maternal Mortality in England and Wales.

Intermediate List No. and cause.	Number of Deaths.	Rates per 1,000 Total (Live and Still) Births.	Rates per million women aged 15-44.
A115 Sepsis of pregnancy, childbirth and the puerperium	70	0.10	
A116 { Abortion with toxæmia	3	0.00	0
{ Other toxæmias of pregnancy and the puerperium	167	0.24	
A117 Hæmorrhage of pregnancy and childbirth	91	0.13	
A118 Abortion without mention of sepsis or toxæmia	37	0.05	4
A119 Abortion with sepsis	66	0.09	7
A120 Other complications of pregnancy, childbirth and the puerperium ..	125	0.18	

(a) Per 1,000 related live births.

GENERAL PROVISIONS OF HEALTH SERVICES.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY (See Page 2).

LEGISLATION IN FORCE.

Ministry of Health Circulars and Amendments, etc., received during the year are tabulated elsewhere.

SERVICES PROVIDED BY THE ESSEX COUNTY COUNCIL.

These are repeated in all respects as stated in the Report for 1950.

HOME NURSING AND DOMICILIARY MIDWIFERY.

The list of Home Nurses are repeated, together with any recent change of address.

Home Nurses—

- Mrs. E. Mason, 6, St. Mildreds Road, Chelmsford. Tel. 2619.
- Mrs. M. B. Palmer, 54A, Hill Road, Chelmsford. Tel. 2354.
- Mrs. D. Rawlinson, 65, Fifth Avenue, Chelmsford. Tel. 4943.
- Miss E. Redcliffe, 1, Somerset Place, Woodhall Estate, Chelmsford.

Midwives—

- Mrs. J. M. Aldred, 13, Queensland Crescent, Chelmsford. Tel. 3817.
- Miss E. M. Miller, 10, St. Mildreds Road, Chelmsford. Tel. 3816.
- Mrs. M. E. Ritchie, 3, Ruskin Road, Chelmsford. Tel. 3815
- Miss M. A. Wilkins, 18, Pembroke Place, Woodhall Estate, Chelmsford.

AMBULANCE FACILITIES.

The Service under the control of the Essex County Council has now moved to No. 11, Springfield Road, Telephone No. 4801, where all communications should be addressed. However, in an emergency an ambulance can always be obtained by dialling "999" or "0" or "01" according to the instructions in force in the area concerned. This will usually be found prominently displayed in any telephone kiosk.

LABORATORY SERVICES.

The Laboratory Services and Services provided by the North-East Metropolitan Hospital Board remain as before.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE.

The following are again noted :—

(a) *Diphtheria*. An absence of notifications or clinical cases during the year.

(b) *Measles*. The total number of cases notified was 403 during the year. There were no deaths.

(c) *Scarlet Fever*. There were 22 cases notified during the year. There were no deaths.

(d) *Whooping Cough*. The total number of cases of whooping cough notified during the year was 89. There were no deaths.

(e) *Acute Poliomyelitis*. During the year there were 2 cases of confirmed poliomyelitis, one was an acute virulent type which responded to no form of treatment and died soon after admission to hospital. This was of the encephalitic paralytic type. The second was an encephalitic type, but there was full recovery and the patient is now performing his normal activities.

(f) *Acute Meningococcal Meningitis*. One case, of a virulent type, was admitted to hospital and died within 24 hours of admission. This did not appear to have been contracted in the Borough.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

The quality of the water has at all times been of a satisfactory nature for public supply purposes.

During the past year the quantity of water available has been sufficient to meet the needs of the Borough.

Bacteriological examinations are made daily of the treated water as it leaves the Sandford Mill Pumping Station and frequent analyses are made of the raw water. Frequent samples are also taken from the Service Reservoir and at certain points on the distribution system. These have in all cases proved satisfactory. Independent analyses are made monthly by the Counties Public Health Laboratories.

The water has no plumbo-solvent action.

No contamination has occurred after treatment.

All properties within the area of supply have mains supply direct to the house with the exception of the following :—

Writtle Road—

"Bedfords"	1
"Hillcroft"	1

Water is available at stopcocks but services have not been picked up.

Horse and Groom Lane—

No. 2, Ivy Cottages .. .	1
Total	3

Supply by means of Stand-pipes Nil.

SEWERS LAID DURING YEAR.

Soil Sewers—

368 yards	6in. diameter	(St. Margaret's Road and Kingston Crescent)
276	„ 6in. „	(Horse and Groom Lane)
179	„ 6in. „	(Hollow Lane)
38	„ 9in. „	(Hollow Lane)
10	„ 4in. „	(Chignall Estate, 7A)
46	„ 6in. „	(Chignall Estate, 7A)
138	„ 9in. „	(Chignall Estate, 7A)
1,703	„ 6in. „	(Chignall Estate, 7B)
640	„ 9in. „	(Chignall Estate, 7B)
3,398 yards		

Surface Water Sewers—

80 yards	6in. diameter	(Glebe Road)
30	„ 12in. „	(Woodhall Estate)
287	„ 9in. „	(Longstomps Avenue)
91	„ 6in. „	(Longstomps Avenue)
193	„ 6in. „	(St. Margaret's Road and Kingston Crescent)
195	„ 9in. „	(St. Margaret's Road and Kingston Crescent)
67	„ 12in. „	(Chignall Estate, 7A)
927	„ 6in. „	(Chignall Estate, 7B)
720	„ 9in. „	(Chignall Estate, 7B)
569	„ 12in. „	(Chignall Estate, 7B)
391	„ 15in. „	(Chignall Estate, 7B)
3,550 yards		

PUBLIC CLEANSING.

There was no change in the method of refuse collection during 1951.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR.

(1) By the Local Authority		402
(2) By other Statutory Authorities		18
(3) Private Enterprise		33

POST WAR HOUSING.

The number of Council shops and dwellings completed and occupied up to the 1st December, 1951, is as follows :—

	Number completed during 1951.	Total Shops.	Total Dwellings.
<i>Springfield Park (Extension) Estate—</i>			
Houses : Traditional Brick 3 bedroom type	—	..	212
Bungalows : 1 bedroom	4	..	4
<i>Boarded Barns Estate—</i>			
Flats : Duplex 1 and 2 bedroom type	—	..	140
<i>Melbourne Park Estate—</i>			
Aluminium Bungalows : 2 bedroom type	—	..	100
Houses : B.I.S.F. (Steel) 3 bedroom type	—	..	100
Houses : Traditional Brick 3 bedroom type	—	..	296
Shops	14	14	..
Flats : (over shops) 3 bedroom type	11	..	11
Flats : dining recess 2 bedroom type	24	..	24
<i>Woodhall Estate—</i>			
Houses : Traditional Brick 3 bedroom type	36	..	163
Flats : 1 and 2 bedroom types	51	..	51
<i>Chignall Estate—</i>			
Flats : 2 bedroom types	24	..	24
Houses : 2 bedroom type Easiform (concrete)	14	..	14
3 bedroom type Easiform (concrete)	196	..	213
4 bedroom type Easiform (concrete)	6	..	7
2 bedroom traditional brick type	21	..	21
3 bedroom traditional brock type	10	..	10
<i>Widford Estate—</i>			
Flats : Duplex 1 and 2 bedroom types	—	..	20
<i>Upper Bridge Road Site—</i>			
Flats : 1 and 2 bedroom types	—	..	36
<i>Lower Anchor Street Site—</i>			
<i>Rainsford Estate—</i>			
Bungalows : 1 bedroom type	9	..	38
<i>Waterhouse Lane Estate—</i>			
Aluminium Bungalows : 3 bedroom type	—	..	60
	420	14	1,544

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) NOTIFIED DURING THE YEAR 1951.

Disease	Total cases	NOTIFICATION AT AGES										Cases admitted to Hospital	Total Deaths	Total cases notified in each Ward			
		Under 1 year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	North Ward	South Ward	East Ward	West Ward
Scarlet Fever ..	22	—	1	2	—	—	19	—	—	—	—	—	—	12	8	2	—
Measles ..	403	13	41	56	68	73	140	3	4	2	1	2	—	147	126	76	54
Whooping Cough ..	89	7	18	10	15	35	—	—	—	2	1	1	—	26	17	26	20
Pneumonia ..	14	2	1	1	—	2	1	1	—	1	—	1	4	6	1	4	3
Puerperal Pyrexia ..	12	—	—	—	—	—	—	—	2	9	1	—	—	—	12	—	—
Acute Poliomyelitis ..	2	—	—	—	—	1	—	—	—	1	—	—	—	1	1	—	—
Polio-Encephalitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective Hepatitis ..	2	—	—	1	—	—	—	—	—	—	—	1	—	2	—	—	—
Dysentery ..	2	—	—	—	—	—	—	1	—	—	—	1	—	1	1	—	—
Cerebro-Spinal Meningitis ..	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—
Infective Diarrhoea ..	1	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—
Erysipelas ..	4	—	—	—	—	—	—	—	—	2	1	1	—	1	1	1	1
Totals ..	552	22	61	70	83	111	160	6	6	17	4	8	4	196	163	110	78

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1951.

	NEW CASES				DEATHS.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1 year	—	—	—	—	—	—	—	—
1 to 5 years	—	—	—	—	—	—	—	—
5 to 15 "	—	—	—	—	—	—	—	—
15 to 25 "	—	3	—	—	—	—	—	—
25 to 35 "	2	3	—	—	—	1	—	—
35 to 45 "	3	3	—	—	—	—	—	—
45 to 55 "	5	1	—	—	1	—	—	—
55 to 65 "	3	—	—	—	1	—	—	—
Over 65 "	2	—	—	—	—	—	—	—
TOTALS	15	10	—	—	2	1	—	—

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

STATEMENT OF PARTICULARS OF CASES OF TUBERCULOSIS, COMPILED FROM THE REGISTER FOR THE YEAR ENDED 31ST DECEMBER, 1951.

	PULMONARY			NON-PULMONARY			PULMONARY and Non-PULMONARY TOTAL
	Males	Females	Total	Males	Females	Total	
(1) Number of cases on the Register on the 1st January, 1951	209	123	332	89	81	170	502
(2) Number of cases notified to me under the Regulations for the first time during the year	14	12	26	2	—	2	28
(3) Number of cases added to the Register during the year which have been brought to my notice otherwise than by notification	1	—	1	1	1	—	3
(4) Number of cases removed from the Register during the year	2	1	3	—	—	—	3
(5) Number of cases remaining on the Register on 31st December, 1951	222	134	356	92	82	174	530

OPHTHALMIA NEONATORUM.

CASES			Vision unimpaired	Vision impaired	Total blindness	Deaths
No. Notified	Treated					
	At Home	Hospital				
1	1	—	1	—	—	—

WORK CARRIED OUT BY SANITARY INSPECTOR'S DEPARTMENT
YEAR ENDED 31ST DECEMBER, 1951.

SANITARY INSPECTION OF THE AREA.

1. INSPECTIONS OF DWELLING HOUSES DURING THE YEAR.

(1) (a) Total number of dwelling houses inspected for housing defects :—

Public Health Act	..	..	..	..	690	} 985
Housing Act	..	..	..	..	295	

(b) Number of Inspections made for the purpose :—

Public Health Act	..	..	..	..	1,050	} 2,207
Housing Act	..	..	..	..	1,157	

(2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 1

(3) Number of dwelling houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation :—

Public Health Act	..	..	..	..	69	} 203
Housing Act	..	..	..	..	134	

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority's Officers :—

Public Health Act	..	..	..	..	66	} 194
Housing Act	..	..	..	..	128	

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Demolition orders issued	..	..	..	1
(2) Demolition orders complied with	..	..	..	3
(3) Number of dwelling houses in respect of which notices were served requiring repairs	..	..	..	1
(4) Number of dwelling houses which were rendered fit after service of formal notices :—				
(a) By owners	..	..	..	1
(b) By the Local Authority on default of owners	..			—

4. CLEARANCE AREAS.

Houses Demolished	..	..	..	..	51
(Areas confirmed by Ministry, 1938)					

*Summary of Work carried out as a result of Notices Served or
Recommendations made.*

Housing Act, 1936.

Informal Notices issued	134
" " complied with	128
Statutory Notices issued	2
" " complied with	4

Public Health Act, 1936.

Informal Notices issued	69
" " complied with	66
Statutory Notices issued	2
" " complied with	

Food and Drugs Act, 1938.

Informal Notices issued	10
" " complied with	25

Factories Act, 1937.

Informal Notices issued	7
" " complied with	3

Work carried out.

Windows repaired	18
Sash cords renewed	6
New sinks provided	11
Water services renewed or repaired	5
Fire grates repaired or renewed	18
Floors repaired or renewed	9
Washing coppers repaired or renewed	2
House doors repaired	5
Waste pipes renewed	7
External brickwork repaired	11
Internal plasterwork repaired	26
Eaves guttering and fallpipes renewed	21
W.C.'s provided	5
W.C.'s repaired	19
Roofs repaired	22
Drains cleansed and repaired	41
Dampness remedied	5
Dust bins provided	5
Lighting improved	2
Yard paving repaired	2
Ventilation improved	1
Accumulations of refuse removed	2
External woodwork repaired	2

Hot water systems repaired	..	..	..	..	..	1
Iron staircase repaired	..	..	..	..	..	1
Conveniences erected	..	..	..	..	..	1
New drains laid..	..	..	..	..	..	1
Library books fumigated	..	..	..	..	..	88
Washing facilities	..	..	..	..	..	2
Premises cleansed and redecorated	..	..	..	..	..	6
W.C. compartments cleansed and repaired	..	..	..	..	..	2
Cloakrooms provided	..	..	..	..	..	2
Food shops rebuilt	..	..	..	..	..	1
Food protection provided	..	..	..	..	..	2
Premises disinfected and disinfested	..	..	..	..	..	58

THE FOLLOWING INSPECTIONS HAVE BEEN RECORDED.

763 complaints have been investigated

2,207 inspections made at dwelling houses

471	..	..	..	dwelling houses prior to rehousing
62	..	..	..	dirty or verminous houses
17	..	..	..	of tents, vans and sheds
41	..	..	..	of public houses
5	..	..	..	of schools
36	..	..	..	and enquiries made in connection with infectious disease
16	..	..	..	made in connection with pollution of water courses
11	..	..	..	in respect of smoke nuisances
2	..	..	..	of offices
118	..	..	..	at butchers' shops
157	..	..	..	cafes, restaurants and hotels
125	..	..	..	dairies and milkshops
1	..	..	..	farms
443	..	..	..	food shops
1,057	..	..	..	slaughterhouses
170	..	..	..	ice cream premises
64	..	..	..	refuse tips

In many cases during these inspections matters relating to minor defects and nuisances were dealt with verbally and remedies carried out in response to persuasive methods.

The following carcases were examined at the two Government controlled slaughterhouses :—6,499 beasts, 2,681 calves, 6,158 sheep, 2,892 pigs.

The total weight of meat condemned was :—126,004 lbs.

CARCASSES INSPECTED AND CONDEMNED.

	Cattle and Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	6,499	2,681	6,158	2,892
Number inspected	6,499	2,681	6,158	2,892
All diseases except Tuberculosis— Whole carcasses condemned	15	14	21	19
Carcasses of which some part or organ was condemned	2,019	41	887	144
Percentage of the number inspected affected with disease other than tuberculosis ..	31.3	2.1	14.7	5.6
Tuberculosis only— Whole carcasses condemned	36	4	—	14
Carcasses of which some part or organ was condemned	1,085	1	—	151
Percentage of the number inspected affected with tuberculosis	17.2	0.2	—	5.7

FOOD POISONING OUTBREAKS.

Total number of outbreaks	Number of cases	Number of deaths	Organisms or other agents responsible with number of outbreaks of each	Foods involved with number of outbreaks of each
Nil	Nil	Nil	Nil	Nil

The following samples were obtained and submitted for analysis, all unsatisfactory results being followed up :—

	Samples taken.	Satisfactory.	Unsatisfactory.
Milk (ungraded)	16	14	2
Pasteurised milk	80	79	1
Tuberculin tested milk ..	1	1	—
Ice cream	147	129	18
Bottle rinsings	4	3	1
Sausages	1	1	—

Restaurants, food shops, kitchens and all premises where food is prepared are subject to regular inspections. A Clean Food Campaign is in being, not in the form of a short exhibition or show, but continuous help and education, augmented by films and talks to the general public and to those engaged in the food trades.

It is felt that an overall improvement has been brought about by the introduction of the Borough of Chelmsford Byelaws for securing the observance of sanitary and cleanly conditions and practices in connection with the handling, wrapping and delivery of food, together with the co-operation of the traders concerned.

The following food has been condemned and surrendered as unfit :—

591 tins milk	100 tins tomatoes
517 tins vegetables	113 tins fruit juice
95 tins soup	151 tins fish
595 tins fruit	91 tins spaghetti
3 tins coffee	2 tins beverages
45 tins mustard	19 tins puddings
1 tin macaroni	58 tins meat
15 tins rabbit	19 tins sausages
13 tins malt extract	189 tins baby foods
62 $\frac{3}{4}$ lbs. cheese	159 $\frac{1}{4}$ lbs. dried fruit
53 lbs. sausages	95 $\frac{1}{4}$ lbs. bacon
4 lbs. butter	2,440 lbs. pears
13 lbs. chocolates	286 lbs. toffees
340 $\frac{3}{4}$ lbs. preserves	6 lbs. syrup
223 lbs. biscuits	40 lbs. coconut
12 lbs. dried peas	161 lbs. beef
236 $\frac{1}{2}$ lbs. pork	46 $\frac{1}{4}$ lbs. cake
80 $\frac{1}{4}$ lbs. margarine	3,553 $\frac{1}{2}$ lbs. tinned pressed meats
43 $\frac{1}{2}$ lbs. beef offal	70 lbs. prawns
60 lbs. frozen rabbits	112 lbs. macaroon paste
112 lbs. powdered milk	15 jars pickles
37 jars fish paste	136 jars fruit
3 jars salad cream	1 jar meat paste
1 jar malt extract	1 packet cereals
66 packets cheese	30 packets table jelly

15	packets dates and nuts	1	gallon synthetic cream
10	gallons shrimps	144	fish cakes
66	meat pies	26	duck eggs
114	cakes	1,808	eggs
12	sausage rolls	17	chocolate wafers
1	chicken	2	sheep's tongues
15	bottles fruit cordial	11	bottles sauce
14	stones wet fish	19	stones dried fish

Prevention of Damage by Pests Act, 1949.

During the year 316 infested premises have been visited and 1,372 poison points laid.

Factories Act, 1937.

12 inspections have been made at bakehouses.

119 " " " " " factories and workplaces.