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BOROUGH OF CHELMSFORD.



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE
Year ended 31st December, 1945.

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

Medical Officer of Health.

School Medical Officer.

Medical Officer—Maternity and Child Welfare.

Medical Superintendent—Joint Isolation Hospital.

Medical Officer—Casualty Services, A.R.P.

CHELMSFORD :

John Dutton Ltd., 8, Tindal Street and 91, High Street.

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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.

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.

T. B. HOOD, C.R.S.I., M.S.I.A.

Health Visitors.

Miss E. E. GLASCODINE, S.R.N., S.C.M., H.V. Cert.

Miss C. M. SMITH, S.R.N., S.C.M., H.V. Cert.

Miss M. MAKINGS, S.R.N., S.C.M., H.V. Cert.

Miss H. M. HALL, S.R.N., S.C.M., H.V. Cert.

Miss I. M. PERRIN, S.R.N., S.C.M., H.V. Cert.

(Resigned July, 1945.)

Dental Surgeon :

FRANCIS V. MAGUIRE, L.D.S., R.C.S. (Eng.).

Chief Clerk :

T. W. BUNTER, M.R. San. I.

Clerks :

G. H. D. BROWN (In H.M. Forces).

D. G. RUMSEY (In H.M. Forces).

Miss M. PORTER (Temporary).

Mrs. F. KERSLAKE (Temporary).

Miss V. DEVONISH (Temporary).

Sanitary Inspector's Department :

S. V. EDWARDS (In H.M. Forces).

Mrs. J. E. PHILLIPS (Temporary).

Dental Attendant :

Miss R. LEEKS.

Veterinary Inspector (part-time) :

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

War-Time Nursery Matrons :

Corporation Road - - - Miss BAUMANN.

London Road - - - Miss RIPPIN.

Waterloo Lane - - - Miss BRIGHT.

BOROUGH OF CHELMSFORD.

Public Health Department,

Coval Lane,

Chelmsford,

August, 1946.

*To the Mayor, Aldermen and Councillors
of the Borough of Chelmsford.*

Mr. Mayor and Gentlemen,

To comply with the requirements of the Ministry of Health Circular 28/46 the following Statistical Review for the Year 1945 is appended. A short outline of the main features before the department during the year is given.

I have the honour to be,

Your obedient Servant,

J. MERVYN THOMAS,

Medical Officer of Health.

OBSERVATIONS.

HEALTH SERVICE.

I have pleasure in submitting my Seventh Annual Report as Medical Officer of Health. This is also the year of cessation of hostilities in the German and Japanese theatres of war, so that it is still a war-time edition.

It is good to be able to report that throughout the strenuous years of war, the health of the Borough has remained at a high level, that births have continued to increase (although a slight drop on the last Report, 668 to 616) and that infection, infestation and malnutrition are at their lowest.

Diphtheria is unknown thanks to the persistent efforts of all concerned in pressing the Diphtheria Immunisation Campaign at the clinics and in the schools. The response has been good but there are still defaulters and misinformed parents who prefer to run grave risks rather than accept this most sound and excellent preventive measure. During the year the responsibility for the immunisation of the 0-5 year olds was handed over to the Maternity and Child Welfare Committee.

The Clinics have risen yet again in attendances which reflects considerably on the altering views of the public.

When I first came to Chelmsford attendances were low and the element of "places for the poor" still the thought uppermost in the public mind. To-day it is different, for the benefits which are to be obtained and the advice offered by our Officers in each department is gradually making itself evident by the continued increases and requests for information in many unknown directions. Not the least of these is the increasing advice now sought and offered to parents who have no children. The "Fertility Clinic" as I like to call it. The results have proved encouraging combining as they do the advice of Specialists, Hospital and Pathologist.

The Dental Sessions per week for infants to five years of age and ante-natal mothers has been increased to two sessions per week, which take place the same time as the Infant Welfare Sessions, thus proving a better service for the mothers and children. Many babies are able to profit by this early dental attention. This increase in dental sessions was envisaged in my last Report.

There were no maternal deaths during the year under review.

An additional Infant Welfare Clinic was opened at the St. John's Hospital with the co-operation of the County Medical Officer of Health, who kindly placed one of the huts at our disposal. This was intended as a temporary measure, and it is hoped to make more permanent arrangements by the next Report.

In December, 1944, a Domestic Help Scheme was introduced by the Ministry of Health in Circular 179/44, but although every endeavour has been made to get this working, by contacting the Ministry of Labour, advertisements in the local press, etc., it has been found quite impossible to find suitable people to operate the Scheme, in fact it has been found quite impossible to get anybody to offer their services at all.

A draft Scheme for Epidemics was drawn up in the Autumn with the help of the various public bodies and voluntary organisations, but I am glad to report that it was found unnecessary to put it into operation.

The Ambulance Service was re-organised in the latter part of the year due to the cessation of the A.R.P. ambulances which had hitherto undertaken work for the Town Ambulance. The ambulance was transferred to the Chelmsford Hospital, where it was garaged at "Bellefields," and the six whole-time drivers and attendants housed in a room in the basement of the hospital. A new Town Ambulance was purchased.

It is possible that the Scheme will have to be reviewed and some further re-organisation made before the final arrangements are completed.

The War-time Nurseries have continued throughout the year working satisfactorily and filling a great need. The staffs have given loyal service and done much to promote the smooth and easy control of administration.

Before closing I must again give sincere thanks to our ever growing band of voluntary workers—Mrs. Gozzett, Mrs. Whitcomb, Mrs. Andrews, Mrs. Capers, Mrs. Green, Mrs. Devonish, Mrs. Snell, Mrs. Stubbings, Mrs. Thompson, Mrs. Stonard, Mrs. Slade—who have given most excellent service in the clinics, nurseries and other branches of public health work. And finally to the Health Visitors, the Midwives, the Dental Officer and his Attendant, and the brief office staff under its able Mr. Bunter, all of whom play such an important part in the complete summation of our public health effort.

J. MERVYN THOMAS,

MEDICAL OFFICER OF HEALTH.

August, 1946.

Circulars, etc., received during the Year 1945.

Ministry of Health Circular No. 42/45	..	Venereal Diseases Educational Campaign.
Defence Regulations, No. 55.G.	..	Restriction of the sale of Raw Milk.
Ministry of Health Circular No. 71/45	..	Diphtheria Prophylaxis.
Do. 166/44	}	War-time Nursery and Nursery Classes.
Ministry of Education Circular No. 16		Child Care Reserve.
Ministry of Health .. ..	..	Nurses Salaries Committee—Further Recommendations and points of interpretation. Nurses S.C. Notes No. 6. Nurses Salaries Committee Nurses S.C. Notes No. 7.
Ministry of Health Circular No. 638	..	Nurses Regulations.
Do. E.H.65/45	..	Residential and War-time Nurseries—Redundant Staff.
Do. ..	..	War-time Nurseries—Burnham Award, 15th August, 1945.
Do. 129/45	..	Civil Nursing Reserve—Nurses Act, 1943.
Do. }	59 {	Training of Nursery Students in Nurseries.
Ministry of Education		Nursery Schools and Nursery Classes.
Ministry of Health Circular No. 164/45	..	Welfare (Foods) Scheme.
Do. 193/45	..	Diphtheria Immunisation.
Do. 189/45	..	Staffing of Hospitals. An Urgent National Need.
Do. 198/45	..	Nurses Act, 1943, and Nurses Regulations, 1945.
Do. 187/45	..	Nurses' and Midwives' Salaries. Special Allowances to Student Nurses. Pupil Assistant Nurses and Pupil Midwives who have served on work of National Importance for at least one year.

Statistics and Social Conditions of the Area.

AREA (in acres)	4,755.
POPULATION, 1945 ..	{ 32,970 (Registrar-General's estimate of resident population, mid-year).
	{ 26,537 (Census, 1931).

NUMBER OF INHABITED HOUSES (end
of 1945) according to Rate Books 9,466.

RATEABLE VALUE (1st April, 1945) £346,773.

SUM REPRESENTED BY A PENNY
RATE (year ending 31st March,
1945 £1,438.

Extracts from Vital Statistics.

BIRTHS.

		Total.	Male.	Female.	
Live Births	Legitimate ..	561	298	263	Birth Rate per 1,000 of the estimated resident population mid-1945—18.68.
	Illegitimate ..	55	26	29	
	Totals ..	616	324	292	

Still Births	Legitimate ..	15	7	8	Rate per 1,000 total (live and still) births —23.77.
	Illegitimate ..	—	—	—	
	Totals ..	15	7	8	

DEATHS	355	189	166	Death Rate per 1,000 of the estimated resident population —10.76.
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Deaths from Puerperal causes :—

Puerperal Sepsis	Nil.
Other Maternal causes	Nil.

Death Rate of Infants under one year of age :—

All Infants per 1,000 births	45.45
Legitimate Infants per 1,000 legitimate live births	46.30
Illegitimate Infants per 1,000 illegitimate live births	36.00
Deaths from Cancer (all ages)	66
Deaths from Measles (all ages)	Nil.
Deaths from Whooping Cough (all ages)	Nil.
Deaths from Diarrhoea, etc. (under 2 years of age)	Nil.

BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY, MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR, 1945.

(Provisional figures based on weekly and quarterly returns.)

*Per 1,000 related births †Rates per 1,000 total population	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 Administrative County
Rates per 1,000 Civilian Population				
<i>Births.</i>				
Live	†16.1	19.1	19.2	15.7
Still	†0.46	0.58	0.53	0.40
<i>Deaths.</i>				
All Causes	†11.4	13.5	12.3	13.8
Typhoid and Paratyphoid ..	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.01	0.02
Diphtheria	0.02	0.02	0.02	0.01
Influenza	0.08	0.07	0.07	0.07
Smallpox	—	—	—	—
Measles	0.02	0.02	0.02	0.01
Rates per 1,000 Live Births.				
Deaths under one year of age ..	*46	54	43	53
Deaths from Diarrhoea and Enteritis under two years of age	5.6	7.8	4.5	7.6
Rates per 1,000 Civilian Population.				
<i>Notifications.</i>				
Typhoid Fever	0.01	0.01	0.01	0.01
Paratyphoid Fever	0.01	0.00	0.01	0.01
Cerebro Spinal Fever	0.05	0.05	0.05	0.06
Scarlet Fever	1.89	2.02	2.03	1.57
Whooping Cough	1.64	1.65	1.47	1.25
Diphtheria	0.46	0.52	0.56	0.31
Erysipelas	0.25	0.28	0.24	0.31
Smallpox	0.00	0.00	—	0.00
Measles	11.67	10.89	11.19	9.03
Pneumonia	0.87	1.03	0.72	0.78
Rates per 1,000 Total Births (Live and Still)				
(a) <i>Notifications.</i>				
Puerperal Fever	9.93	12.65	8.81	3.60
Puerperal Pyrexia				†15.87

(b) *Maternal Mortality (England and Wales).*

No. 140 Abortion with Sepsis	No. 141 Abortion without Sepsis	No. 147 Puerperal Infections	Nos. 142-146, 148-150 Other
0.25	0.08	0.24	1.22

Abortion : Mortality per million women aged 15-45 (England and Wales)

No. 140 with Sepsis

No. 141 without Sepsis

18

6

†Including Puerperal Fever.

Deaths.

DEATHS AT VARIOUS AGES DURING THE YEAR 1945.

Under 1	1-2	2-5	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75 +
28	1	3	1	5	7	21	27	63	91	108

DEATHS FROM ALL CAUSES, 1945.

Causes of Death	Males	Females	Total
Typhoid and Paratyphoid Fevers	—	—	—
Measles	—	—	—
Scarlet Fever	—	—	—
Whooping Cough	—	—	—
Diphtheria	—	—	—
Influenza	—	—	—
Cerebro-Spinal Fever	—	—	—
Tuberculosis of the Respiratory System	12	4	16
Other Tuberculosis Diseases	2	1	3
Syphilitic Diseases	1	—	1
Cancer of b. Cav. and Oesoph (M) ; Uterus (F)	5	1	6
Cancer of Stomach and Duodenum	9	7	16
Cancer of other sites	22	13	35
Cancer of Breast	—	9	9
Diabetes	1	1	2
Intra Cran. Vasc. Lesions	10	21	31
Heart Disease	38	34	72
Other Circulatory Diseases	6	2	8
Bronchitis	12	11	23
Pneumonia	9	8	17
Other Respiratory Diseases	—	3	3
Nephritis	4	6	10
Puerperal and Post-abortion : Sepsis	—	—	—
Other Maternal Causes	—	—	—
Con. Mal., birth injury, Infant dis.	9	3	12
Premature Birth	3	2	5
Suicide	2	2	4
Other Violent Causes	1	3	4
Road Traffic Act	6	—	6
For all other Causes	25	30	55
Poliomyelitis	—	—	—
Acute Infant Encephalitis	—	—	—
Ulcer of Stomach or Duodenum	3	—	3
Diarrhoea, etc. (under two years of age)	4	1	5
Appendicitis	—	1	1
Other Digestive Diseases	5	3	8
Totals	189	166	355

General Provision of Health Services.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY See Page 1.

NURSING IN THE HOME.

General.

There are four District Nurses practising in the Borough.

LABORATORY FACILITIES.

Pathological and bacteriological examinations and analysis of water, milk, food, etc., are made by arrangement with the Essex County Council Laboratories.

LEGISLATION IN FORCE.

Ministry of Health Circulars and Amendments, etc., received during the year have been mentioned.

HOSPITALS.

*St. John's Hospital under Essex County Council.**Chelmsford and Essex Hospital (Voluntary).**Out-patient Clinics—Chelmsford Hospital.*

Monday—9.30 a.m.	..	Orthopædic ..	..	Mr. H. A. H. Harris.
Tuesday—9.30 a.m.	..	General Surgery	..	Mr. M. D. Sheppard.
2.30 p.m.	..	Neurological	..	Dr. T. Rowland Hill.
		(alternate weeks)		
3 p.m.	..	Ear, Nose and Throat		Mr. A. Martin Henry.
Wednesday—9 a.m.	..	Dental ..	..	Mr. King and Mr. Jones.
2 p.m.	..	Clinical Pathology	..	Dr. F. E. Camps.
6 p.m.	..	Medical (old cases)	..	Dr. F. E. Camps.
Thursday—9.30 a.m.	..	Genito-Urinary	..	Mr. M. D. Sheppard.
9.30 a.m.	..	Diabetic ..	..	Dr. F. E. Camps.
1.45 p.m.	..	Dermatological	..	Dr. R. A. Price.
Friday—9.30 a.m.	..	General Surgery (in-	..	Mr. H. A. H. Harris.
		cluding orthopædics)		
1.30 p.m.	..	Ophthalmic	..	Dr. S. G. Corner.
Saturday—9 a.m.	..	Medical (new cases)	..	Dr. F. E. Camps.
11.30 a.m.	..	Psychological Cases	..	Dr. R. Strom-Olsen.

Patients will not be seen at the above Clinics except by appointment (application to be made to the Registration Clerk of the Out-patient Department, Telephone No. Chelmsford 3481), and must bring with them a letter from their own doctor giving details of the case.

Private patients can be seen at the above Clinics, similar arrangements to be made through the Registration Clerk regarding appointments. Intimation must be given when making appointments as to whether the case is private or not.

The following Essex County Council Clinics are also held at the Chelmsford Hospital, but it is not necessary for appointments to be made for patients attending these Clinics.

Tuesday—2.30 p.m.	..	Ante-Natal	..	Dr. J. T. Whitley.
Wednesday—10 a.m.	..	Tuberculosis	..	Dr. T. A. McQuiston.
1.30 p.m.	..	Mental Diseases	..	Dr. A. G. Duncan
		2nd, 4th & 5th weeks)		(New Writtle Street).
Thursday—5 p.m.	..	Venereal Diseases	..	Dr. R. H. Boyd
				(New Writtle Street).
Friday—11 a.m.	..	Venereal Diseases	..	Dr. C. W. Alford
				(New Writtle Street).

HOSPITALS.

St. John's Hospital (controlled by the Essex County Council).

The Chelmsford Joint Isolation Hospital.

AMBULANCE FACILITIES.

(a) *For Infectious Cases.* A motor ambulance is maintained by the Chelmsford Joint Hospital Board for conveyance of patients. In addition an older motor ambulance is in use for carrying articles for disinfection and disinfestation.

(b) *For Non-Infectious and Accident Cases ; and*

(c) *For Maternity Patients.*

These cases are dealt with by the Borough Ambulance Service.

SMALLPOX.

Arrangements as in previous years.

PUBLIC VACCINATORS.

District.

Dr. R. W. Willcocks, 194, Springfield Road,
Chelmsford

.. Springfield Area.

Dr. B. M. Charlotté, " Kitts Croft," Writtle .. North and South Wards.

MATERNITY.

Our arrangement for the institutional treatment at St. John's Hospital, Wood Street, of cases of complications arising during pregnancy or confinement, and for cases where the home environment is unsatisfactory, remains as before. The full charge for maintenance and treatment is 11/8 per day. This charge is subject to reduction if the person's income is below the Council's Income Scale Assessment.

One hundred and ninety-one Borough cases were admitted to St. John's Hospital for confinement during the year, compared with 214 in 1944.

ANTE-NATAL SERVICES.

The Ante-Natal and Post-Natal Clinics are held on the first and third Wednesdays in each month. Mothers are encouraged to attend six weeks or so after confinement for post-natal examination.

In addition, married women, where pregnancy would endanger health, are on their request given instructions in birth control.

INSTITUTIONAL PROVISION FOR—

(a) *Unmarried Mothers.* The only arrangement is that supplied by the Borough and the Essex County Council Public Assistance Committee. After the lying-in period, however, they may be helped by the Girls' Aid Society, who have a Hostel just outside the Borough. There is also a Home at Ardmore, Buckhurst Hill, for unmarried mothers and their children.

(b) *For Illegitimate Infants and Homeless Children.* The Public Assistance Institution is available.

PREMATURE INFANTS.

Arrangements have been made between the hospitals and this Authority to insure the follow-up of premature infants on discharge. Notification, with complete record of child's progress while in hospital, is received from the Medical Officer in Charge of the Maternity Section. Health Visitors follow-up soon after receiving above information.

PUBLIC HEALTH ACT, 1936.

Child Life Protection.

- (a) Number of persons who were receiving children for reward at the end of the year 9
- (b) Number of Children on Register :—
- | | |
|--|------|
| (1) At the end of the year | 14 |
| (2) Who died during the year | Nil. |
| (3) On whom inquests were held during the year | Nil. |
- (c) Proceedings taken during the year :—
- | | |
|--|------|
| (1) Number of cases | Nil. |
| (2) Act and Section under which the proceedings were taken | Nil. |

Municipal Midwives.

- | | | |
|----------------------------|-----------------------------------|----------------|
| (1) Mrs. M. E. Ritchie .. | 79, Springfield Park Avenue .. | Tel. No. 3815. |
| (2) Miss E. M. Miller .. | "Lonicera," St. Mildred's Road .. | Tel. No. 3816. |
| (3) Miss M. Connelly .. | 40, Kings Road .. | Tel. No. 3817. |
| (4) Miss M. A. Wilkins .. | 5, Bruce Grove .. | Tel. No. 2438. |
| (5) Miss I. G. Westlake .. | 65, First Avenue .. | Tel. No. 4552. |
- (Relief Midwife)

Inspection of Nursing Homes, etc.

Inspections are carried out by the Essex County Council, which is the Local Supervising Authority.

Nursing Homes.

"Brooklands," London Road.

St. John's Maternity Home, Broomfield Road.

Prevention of Blindness.

No cases occurred requiring action under Section 176 of the Public Health Act, 1936.

Maternity and Child Welfare.

CLINICS AND TREATMENT CENTRES.

These are set out in the Table on Page 15.

Attendances at Infant Welfare Centres.

	1944.	1945.
Children 0 to 5 years	8,855	10,694
Number who attended for the first time during the year :—		
	1944.	1945.
Children under 1 year	574	593
Children between 1 and 5 years	522	731
	<hr/> 1,096	<hr/> 1,324

Ante-Natal Clinic.

Attendances	381	363
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Post-Natal Clinic.

Attendances	134	98
---------------------	-----	----

HEALTH VISITING.

The Health Visitors have made the following visits during the year :—

	1st Visits.	Total Visits.
To expectant mothers	102	148
To children under 1 year of age	670	1,889
To children between the ages of 1 and 5 years	—	4,427
Totals	<hr/> 772	<hr/> 6,484

MILK AND OTHER FOODS.

The Maternity and Child Welfare Committee have instituted a scheme to supplement feeding in necessitous and difficult cases on the recommendation of the Medical Officer.

DENTAL SERVICE.

Dental treatment for expectant and nursing mothers and children under five years of age has been carried out during the year, and the following is a summary of the work :—

Number of attendances made by patients	1,047
Number of patients treated	887
Fillings—	
Permanent teeth	95
Temporary teeth	126

Extractions—					
Permanent teeth	..	..	..	..	242
Temporary teeth	..	..	..	..	60
Other Operations—					
Permanent teeth	..	..	..	..	346
Temporary teeth	..	..	..	..	694
Administration of general anæsthetics for extractions	..				59
Local anæsthetics	..	..	..	..	126
Number of sessions held	..	..	..	..	62

Sanitary Circumstances of the Area.

WATER.

The supply of water has been satisfactory in quality and quantity, but, owing to increasing demands, a new scheme for additional water supplies is now in the course of preparation.

Bacteriological examinations are made daily of the untreated and treated water by the Department's Chemist.

Independent bacteriological examinations are made weekly of the supply.

The water has no plumbo-solvent action and no contamination.

There are 18 properties within the area of supply which have no mains supply direct to the house.

RIVERS AND STREAMS.

A close watch is kept on the rivers within the Borough and all possible steps taken to prevent pollution.

PUBLIC CLEANSING.

There has been no alteration in the method of refuse collection and disposal during the year.

NUMBER OF NEW HOUSES ERECTED DURING THE YEAR.

(1) By the Local Authority	..	..	..	..	Nil.
(2) By other Local Authorities	..	..	..	..	Nil.
(3) By other Bodies or persons	..	..	..	..	Nil.

PROMOTION OF CLEANLINESS AND ELIMINATION OF VERMINOUS CONDITIONS.

Facilities for treatment of Scabies, etc., have been in operation throughout the year.

Number of children found unclean and cleansed	..	..	78
Number of persons treated for Scabies, etc.	..	..	46

CLINIC TREATMENT CENTRES.

Service	Accommodation	Purpose	Sessions	By whom provided
Minor Ailments Clinic.	Public Health Department, Coval Lane, Chelmsford.	Children under five years—Consultation and Treatment of School Children.	Daily, Monday and Thursday, 9-10 a.m.	Local Authority, Essex County Council for School Children.
Eye Clinic.	Public Health Department, Coval Lane, Chelmsford.	Children under five years—Consultation and Treatment of School Children.	When necessary and by appointment.	Local Authority, Essex County Council for School Children.
Dental Clinic.	Public Health Department, Coval Lane, Chelmsford.	Children under five years—Consultation and Treatment of School Children and for Expectant and Nursing Mothers.	School Children daily. Maternity and Child Welfare, two sessions per week by appointment.	Local Authority, Essex County Council for School Children.
Maternity and Child Welfare Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation, etc.	Each Tuesday, Thursday and Friday, 2 p.m. to 4 p.m.	Local Authority.
Ante-Natal and Post-Natal Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation, etc.	1st and 3rd Wednesdays in each month at 1.30 p.m.	Local Authority.
Orthopaedic Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation and Treatment.	2nd, 3rd and 4th Mondays in each month at 1.30 p.m.	Local Authority and Essex County Council joint.
Aural Clinic.	Public Health Department, Coval Lane, Chelmsford.	Consultation and Treatment.	By arrangement with Specialist.	Local Authority and Essex County Council joint.
Birth Control Clinic.	5, Market Road, Chelmsford.	Consultation and Treatment.	4th Friday in each month, 10 a.m.	Local Authority and Essex County Council joint.
War-Time Nurseries.	1, Corporation Road ; 2, London Road ; 3, Waterloo Lane.	For children 0 to five years of age of War-Time workers.	Daily, Monday to Friday, 7 a.m. to 7 p.m. Saturdays, 7 a.m. to noon.	Local Authority.
Veneral Diseases Clinic.	Chelmsford and Essex Hospital, New Whittle Street.	Consultation and Treatment.	5 to 6 p.m. daily (not Sundays. Specialist on Thursdays, 4.30 p.m. to 6.30 p.m. and Fridays, 11 a.m. to noon.	Essex County Council.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) NOTIFIED DURING THE YEAR 1945.

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 ..	16	—	—	1	—	1	6	4	1	2	1	—	—	4	4	5	3
Measles ..	106	13	21	19	11	18	35	7	—	2	1	—	—	26	57	21	22
Pneumonia ..	14	2	1	1	2	—	2	—	—	1	1	2	2	9	3	1	1
Whooping Cough ..	18	3	—	3	1	5	6	—	—	—	—	—	—	5	1	5	7
Erysipelas ..	7	—	—	—	—	—	—	—	—	—	4	3	—	2	2	—	3
Sonne Dysentery ..	2	—	—	—	—	—	—	1	—	1	—	—	—	2	—	—	—
Puerperal Pyrexia ..	19	—	—	—	—	—	—	—	3	10	6	—	—	—	19	—	—
Jaundice ..	13	—	—	1	—	—	4	—	1	3	4	—	—	4	3	2	4
Pollomyelitis Acute Anterior	1	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—
Cerebro-Spinal Meningitis	2	—	—	—	—	1	1	—	—	—	—	—	—	1	—	1	—
Malaria (not in Borough)	1	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—
Para-Typhoid B.	1	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Totals ..	220	18	22	25	14	25	53	12	5	20	17	7	2	54	91	35	40

TUBERCULOSIS.
NEW CASES AND MORTALITY DURING 1945.

	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 "	—	—	3	5	—	—	—	—
15 to 25 "	3	6	1	1	1	1	—	—
25 to 35 "	9	5	—	—	1	—	—	—
35 to 45 "	4	4	4	2	3	—	—	—
45 to 55 "	—	—	—	—	1	1	—	—
55 to 65 "	2	—	—	—	—	—	—	—
Over 65	—	—	—	—	—	1	—	—
TOTALS	18	15	8	8	6	3	—	—

Non-notified Tuberculosis Deaths 9
Total Tuberculosis Deaths 18

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

STATEMENT OF PARTICULARS OF CASES OF TUBERCULOSIS, COMPILED FROM THE REGISTER
FOR THE YEAR ENDED 31ST DECEMBER, 1945.

	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, 1945	128	73	201	63	63	126	327
(2) Number of cases notified to me under the Regulations for the first time during the year	18	15	33	8	8	16	49
(3) Number of cases added to the Register during the year which have been brought to my notice otherwise than by notification	—	2	2	—	1	1	3
(4) Number of cases removed from the Register during the year	7	7	14	2	2	4	18
(5) Number of cases remaining on the Register on 31st December, 1945	139	83	222	69	70	139	361

OPHTHALMIA NEONATORUM.

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

CASES TREATED IN JOINT ISOLATION HOSPITAL.

Month				Scarlet Fever	Diphtheria	Erysipelas	Measles	Mumps	Whooping Cough	Pneumonia	Scabies	Impetigo	Cerebro Spinal Meningitis	Other Diseases	Total
January	..	..	..	4	—	2	1	1	—	—	—	—	—	6	14
February	..	..	..	1	1	—	9	—	2	—	—	1	—	4	18
March	..	..	..	4	—	1	1	—	—	—	—	1	1	6	14
April ..	..	..	..	2	—	—	4	1	—	—	—	1	—	4	12
May ..	..	..	..	3	—	1	6	—	—	—	1	—	1	4	16
June ..	..	..	..	—	1	—	4	—	—	—	—	1	Specific	3	11
July ..	..	..	..	3	—	—	3	—	—	—	—	—	—	3	9
August	..	..	..	2	—	—	2	—	—	—	—	—	—	6	10
September	..	..	..	—	4	—	1	—	—	—	—	—	—	6	11
October	..	..	..	—	—	—	—	—	—	—	2	2	—	3	7
November	..	..	..	4	—	—	—	—	—	—	—	1	—	5	10
December	..	..	..	2	—	—	—	—	1	—	—	—	—	6	9
Totals	..	..	..	25	6	4	31	2	3	—	3	7	2	58	141
Patients remaining from 1944	..	..	..	1	—	—	1	—	—	—	—	—	—	1	3
Total number of patients treated during 1945				26	6	4	32	2	3	—	3	7	2	59	144
Discharged during the year	..	..	..	25	5	4	32	2	2	—	3	7	1	59	140
Deaths	..	..	..	—	1	—	—	—	—	—	—	—	1 Specific	—	2
Patients remaining 31st December, 1945				1	—	—	—	—	1	—	—	—	—	—	2

Of the 141 patients admitted during the year, 54 came from the Borough of Chelmsford, 49 from the Chelmsford Rural District, 14 from Ongar, 1 from Braintree, 1 from Dunmow and 22 from H.M. Services.

WORK CARRIED OUT BY SANITARY INSPECTOR'S DEPARTMENT
YEAR ENDED 31st DECEMBER, 1945.

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	513	}	855
Housing Act	342		

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

Public Health Act	1,595	}	3,067
Housing Act	1,472		

(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Amendment Regulations .. Nil.

(b) Number of inspections made for the purpose .. Nil.

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

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

Public Health Act	407	}	648
Housing Act	241		

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	315	}	552
Housing Act	237		

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

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

(1) Number of dwelling houses in respect of which notices were served requiring repairs 8

(2) Number of dwelling houses which were rendered fit after service of formal notices :—

(a) By owners	..	..	..	..	1
(b) By the Local Authority in default of owners	..	..	..	..	Nil.

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

Housing Act, 1936.

Informal notices issued	..	..	..	..	..	233
„ „ complied with	..	..	..	..	..	237
Statutory notices issued	..	..	..	..	..	9
„ „ complied with	..	..	..	..	..	2

Public Health Act, 1936.

Informal notices issued	..	..	..	..	..	406
„ „ complied with	..	..	..	..	..	315
Statutory notices issued	..	..	..	..	..	4
„ „ complied with	..	..	..	..	..	4

Food and Drugs Act, 1938.

Informal notices issued	..	..	..	..	..	12
„ „ complied with	..	..	..	..	..	15

Factories Act, 1937.

Informal notices issued	..	..	..	..	..	17
" " complied with	..	..	..	..	..	16

Work carried out.

Houses reconditioned	10
Firegrates repaired or renewed	35
Doors and woodwork repaired	8
Staircases repaired	1
Windows repaired or enlarged	31
Light and ventilation to rooms improved	12
Walls, ceilings and plasterwork repaired	18
Floors repaired or renewed	42
New sinks provided and fixed	8
Sink wastes renewed	12
Roofs, eaves, gutters and chimneys repaired	64
Drainage repairs or renewals	64
Water closets repaired	56
Yard pavings provided or repaired	8
Yards cleansed	1
External brickwork repaired	10
Water supplies improved	108
Coppers repaired	3
Dustbins provided	61
Dampness remedied	3
Accumulations of refuse removed	11
Animal nuisances abated	4
Verminous houses disinfested	29
Verminous articles disinfested	272

Fumigation following infectious disease	..	..	..	..	3
Houses or rooms cleansed	..	..	..	..	4
Library books fumigated following infectious disease	..	..	..	..	23
Rivers and watercourses, pollution abated	..	..	..	..	1
Artificial light provided	..	..	..	..	7
Hot-water apparatus repaired	..	..	..	..	10
Coal stores supplied	..	..	..	..	1
Baths provided	..	..	..	..	3
Sash cords renewed	..	..	..	..	35
Damp proof courses provided	..	..	..	..	1
Tents, vans or sheds removed	..	..	..	..	6
Water fittings repaired	..	..	..	..	11
Pail closets repaired	..	..	..	..	1
Ambulances fumigated	..	..	..	..	7
Wells repaired	..	..	..	..	1

THE FOLLOWING INSPECTIONS HAVE BEEN RECORDED.

Public Health Act, 1936.

840 complaints have been investigated.

1,595 inspections made at dwelling houses.

15	..	..	of tents, vans and sheds.
1	..	..	of offices.
11	..	..	of schools.
30	..	..	and enquiries made in connection with infectious disease.
5	..	..	made in connection with pollution of watercourses.
9	..	..	in respect of smoke nuisances.
14	..	..	of workplaces.
4	..	..	of stables.
11	..	..	of lands and ditches.
11	..	..	of public conveniences.
6	..	..	at marine stores.
83	..	..	of pig bins.
5	..	..	at corporation refuse tip.
10	..	..	at cinemas.
3	..	..	at waterworks.
3	..	..	of bus stations.
12	..	..	of hostels.

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.

Food and Drugs Acts, 1938.

20 inspections have been made at butchers' shops.

91	..	..	..	..	cafes, restaurants and hotels.
136	..	..	..	..	dairies and milkshops.

27 inspections have been made at farms (milk producers).					
307	"	"	"	"	food shops.
7	"	"	"	"	Ministry of Food stores.
3	"	"	"	"	market food stalls.
1,196	"	"	"	"	slaughterhouses.
4	"	"	"	"	fish shops.
3	"	"	"	"	flour mills.

The following carcasses were examined :—4,403 beasts, 3,976 calves, 5,068 sheep, 903 pigs.

Meat condemned at slaughterhouses (Government controlled) :—105,978 lb.

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

			Samples taken.	Satisfactory.		Unsatisfactory.
Accredited milk	..		1	..	1	—
Ordinary milk	..		37	..	34	3
Tuberculin-tested milk			8	..	7	1
Pasteurised milk	..		39	..	32	7
Whisky	..	..	1	..	1	—
Ice cream	..	..	6	..	4	2
Cheese	..	..	1	..	1	—
Water	..	..	3	..	1	2

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

607 tins fish.	82½ lb. jam.
1,401 tins meat (2,878 lb.).	474 lb. flour.
1,113 tins milk.	25 lb. lobsters.
892 tins vegetables.	160 lb. shrimps.
27 tins soup.	13 lb. tongue.
2 tins lambs tongues.	20 lb. syrup.
72 tins fruit.	90½ lb. sausages.
237 tins stew.	37½ lb. bacon.
200 tins steak and kidney pudding.	1 lb. tea.
1 tin groats.	29 lb. macaroni.
31 tins coffee.	15¼ lb. margarine.
1 tin Jenner's food.	162 lb. sugar.
7 tins soya-nut meat.	318 lb. apples.
2 pkts. rusks.	144 lb. plums.
29 pkts. batter flour.	51 lb. peas.
204 pkts. cereals.	55 lb. cake.
6 pkts. semolina.	65 lb. pearl barley.
726 pkts. soup.	40 lb. sprouts.
12 pkts. egg flour.	40 lb. swedes.
1 pkt. egg substitute.	9 lb. tapioca.
19 pkts. chocolate semolina.	7 lb. cloves.
	16¼ lb. mustard.

17 pkts. peppermints.	6½ lb. cocoa.
3 pkts. Dar-Vita.	28 lb. soya flour.
416 pkts. spices and flavourings.	2 lb. turmeric.
25 pkts. cake mixture.	2 lb. pudding spice.
151 pkts. pudding mixtures.	2 jars pickles.
87 pkts. egg powder.	14 jars paste.
247 pkts. baking powder.	30 jars horseradish.
92 pkts. dessert powder.	2 jars peanut butter.
10 pkts. rennet.	2 jars essence.
40 lb. beans.	226 st. fish.
585½ lb. dried fruit.	24 brawns.
174½ lb. butter.	12 marrows.
58 lb. sweets.	8 swiss rolls.
1 lb. mincemeat.	12 cauliflowers.
29 lb. marmalade.	213 botts. Paradise cocktail } Formally
40½ lb. semolina.	223 botts. Red Lady cocktail } seized.
26¾ lb. cheese.	18 botts. tonic wine.
100 lb. ducks.	1 cwt. potatoes.
140½ lb. biscuits.	2,768 cubes soup.

Rats and Mice (Destruction) Act, 1919.

Infestation Order, 1943.

During the year 1,374 visits have been made to infested premises and 2,284 treatments applied.

The sewers of the Borough have been test baited and revealed that 3 sections were infested. The Council have approved expenditure in order that the 900 manholes in the infested areas may be treated, but, in spite of continued efforts, it has been impossible to obtain any labour to carry out the work.

The campaign as a whole is proving fairly successful, but the fact that occupiers are charged for the service no doubt deters the private householder from reporting to the Local Authority the presence of rats or mice on his premises.

Factories Act, 1937.

21 inspections have been made at bakehouses.

201 „ „ „ „ „ factories and workplaces.

17	100 lb. 100 lb.
18	100 lb. 100 lb.
19	100 lb. 100 lb.
20	100 lb. 100 lb.
21	100 lb. 100 lb.
22	100 lb. 100 lb.
23	100 lb. 100 lb.
24	100 lb. 100 lb.
25	100 lb. 100 lb.
26	100 lb. 100 lb.
27	100 lb. 100 lb.
28	100 lb. 100 lb.
29	100 lb. 100 lb.
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95	100 lb. 100 lb.
96	100 lb. 100 lb.
97	100 lb. 100 lb.
98	100 lb. 100 lb.
99	100 lb. 100 lb.
100	100 lb. 100 lb.

100 lb. 100 lb. (100 lb. 100 lb.)

100 lb. 100 lb. (100 lb. 100 lb.)

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