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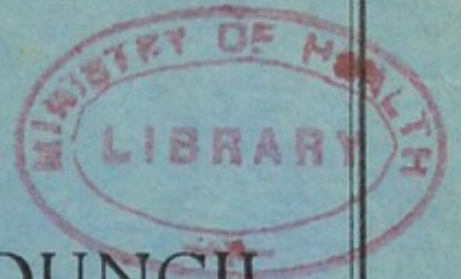
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CHELMSFORD
RURAL DISTRICT COUNCIL

Annual Report

OF THE

MEDICAL OFFICER of HEALTH

(JOHN F. MACDONALD, M.D., D.P.H.)

(Barrister-at-Law)

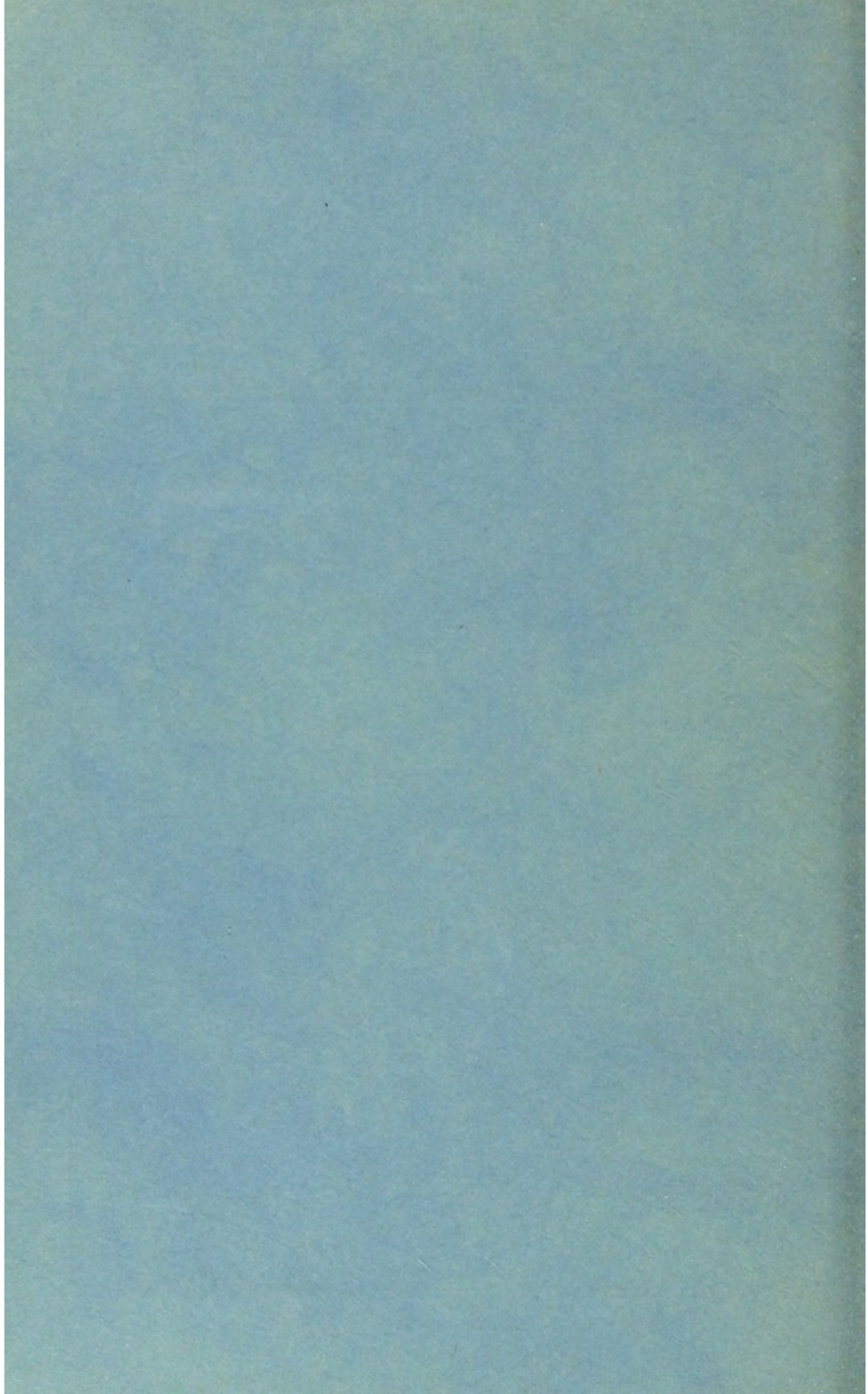
FOR

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London Road,
Chelmsford

1st November, 1940.

*To the Chairman and Members of the Chelmsford Rural District
Council.*

Mr. Chairman and Gentlemen,

I have the honour to present for your consideration the Annual Report on the Health and Sanitary circumstances of your district during the year 1939.

In accordance with the Circular from the Minister of Health the report has been considerably curtailed.

Owing to the abnormal conditions both before and since the outbreak of war a great amount of time has had to be given to other than normal public health activities.

In spite of the considerable movement of population into the area no increase in the incidence of infectious disease occurred and the general health of the community was maintained.

To my colleagues I am much indebted for valuable assistance and to Mr. Ogden for helping in the preparation of this Report.

For the sympathetic consideration and assistance received during the year, I beg to thank the Council.

I am,

Mr. Chairman and Gentlemen,

Your obedient Servant,

JOHN F. MACDONALD.

STAFF.

PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health : John F. Macdonald, M.D., D.P.H., (also Medical Officer of Health for the Rural Districts of Maldon and Rochford.)

Clerk to Medical Officer of Health : M. C. Barton, (in H.M. Forces from September, 1939).

SANITARY INSPECTOR'S DEPARTMENT.

Chief Sanitary Inspector and Petroleum Inspector : A. Denton Ogden, F.R.S.I., F.S.I.A., [Qualified Inspector of Meat and other Foods, Royal Sanitary Institute, late Investigator to the Industrial Fatigue Research Board (Medical Research Council).]

Second Sanitary Inspector : G. F. Mellor, A.M.Inst.P.C., M.S.I.A., A.R.S.I., (Qualified Inspector of Meat and other Foods, Qualified Smoke Inspector, Royal Sanitary Institute).

Assistant Sanitary Inspector : T. H. C. Bartrop, M.S.I.A. A.R.S.I., (Qualified Inspector of Meat and other Foods, Royal Sanitary Institute).

Clerk-Assistant : J. V. Binder, resigned 30th September, 1939.
F. B. Brewster from 24th October, 1939.

Clerk : F. B. Brewster to 24th October, 1939.
R. H. Hawkes appointed 1st October, 1939.

ENGINEER'S DEPARTMENT

Engineer and Surveyor : T. T. Thomas, M.Inst.M.&.Cy.E.

Assistant Engineer and Surveyor : D. C. Pinder appointed February, 1939.

Building Inspectors : C. F. Church.
H. W. Powell appointed February, 1939.

Clerical Staff: A. R. Brookes.
R. V. Aldred (in H.M. Forces from September, 1939).

CHELMSFORD RURAL DISTRICT

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Statistics

Area (in acres)	.. ..	86,506 (land and inland waters)
Registrar-General's estimate of		
(a) resident population, mid-1939		31,290
(b) average population appropriate to the calculation of death rates		32,440
Number of inhabited houses (end of 1939) according to Rate Books		
		9,880
Rateable value (1st October, 1939)		£176,114
The sum represented by a penny rate (31st March, 1939)		
		£678

Social Conditions

The majority of the adult population continued to be employed in agriculture or in works within the Borough of Chelmsford.

There was no excessive unemployment.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		Total	Male	Female		
Live Births (B.R.)	Legitimate	484	247	237	} Birth-rate per 1,000 estimated resident population mid-1939	
	Illegitimate	13	8	5		
Live Births (I.M.&c.)	Legitimate	492	252	240		
	Illegitimate	13	8	5		
Still Births	Legitimate	15	6	9		} Rate per 1,000 total (live and still) births
	Illegitimate	4	1	3		
					36.8	
Deaths		357	190	167	Death-rate per 1,000 estimated average population 11.0 *	

Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List) :—

		Deaths	Rate per 1,000 total (live and still) births.
No. 29	Puerperal sepsis	2	3.8
No. 30	Other puerperal causes	1	1.9
	Total	3	5.7

Death-rate of infants under 1 year of age :—

All infants per 1,000 live births	25.7
Legitimate infants per 1,000 legitimate live births	24.4
Illegitimate infants per 1,000 illegitimate live births	76.9
Deaths from Cancer (all ages)	42
Deaths from Measles (all ages)	Nil.
Deaths from Whooping Cough (all ages)	Nil.
Deaths from Diarrhoea (under 2 years of age)	1

Comparative Table of Birth and Death Rates During the Year 1939.

	Rate per 1,000 Resident Population.		Deaths under one year per 1,000 registered live births.
	Live Births.	Deaths from all causes.	
England and Wales	15.0	12.1	50
126 County Boroughs and great towns, including London	14.8	12.0	53
148 smaller towns with estimated resident population of from 25,000 to 50,000 (1931 Census)	15.6	11.2	40
Chelmsford Rural District	15.9	11.0*	25.7

*In order to render this figure comparable with the death rate for the country as a whole, it must be multiplied by the "Comparability Factor," or as it now styled, the "Areal Comparability Factor (A.C.F)" 0.85, 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 correct death rate is 9.35 as compared with 12.1 for the country as a whole.

The deaths classified according to age were as follows :—

				No. of Deaths.
Under 1 year	..	..	..	12
1 and under 2	..	..	..	4
2 „ 5	..	..	..	3
5 „ 15	..	..	..	5
15 „ 25	..	..	..	10
25 „ 35	..	..	..	12
35 „ 45	..	..	..	9
45 „ 55	..	..	..	25
55 „ 65	..	..	..	57
65 „ 75	..	..	..	95
75 and over	..	..	..	128
Total				*360

*This is 3 more than the Registrar General's figures for the same period.

The following table classifies the deaths according to cause and sex —

Cause of Death.	Males.	Females.	Total
Influenza	5	3	8
Cerebro Spinal Fever	1	—	1
Tuberculosis of Respiratory System	5	—	5
Other Tuberculosis	1	1	2
Syphilis	1	—	1
Cancer	18	24	42
Diabetes	1	7	8
Cerebral Haemorrhage, &c.	6	14	20
Heart Disease	50	37	87
Aneurysm	4	—	4
Other Circulatory Diseases	18	9	27
Bronchitis	10	4	14
Pneumonia (all forms)	11	4	15
Other Respiratory Diseases	1	2	3
Peptic Ulcer	3	—	3
Diarrhoea (under 2 years)	—	1	1
Appendicitis	2	3	5
Cirrhosis of Liver	1	—	1
Other Diseases of Liver	1	2	3
Other Digestive Diseases	3	9	12
Acute and Chronic Nephritis	6	4	10
Puerperal Sepsis	—	2	2
Other Puerperal Diseases	—	1	1
Congenital Debility and Malformation, Premature Birth	5	5	10
Senility	15	19	34
Suicide	3	—	3
Other Violence	9	4	13
Other defined Diseases	9	11	20
Causes ill-defined or unknown	1	—	1
Diarrhoea 2 years and over	—	1	1
TOTALS	190	167	357

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory facilities: Additional facilities to supplement those already available have been provided by the establishment of Emergency Public Health Laboratories under the direction of the Medical Research Council at Brentwood and Colchester.

Ambulance facilities : Nursing in the home : Treatment Centres and Clinics : Hospitals—Public and Voluntary. These all remain unchanged. **Registered Nursing Homes :** One registered Nursing Home—at Galleywood—has been opened during the year.

SANITARY CIRCUMSTANCES OF THE AREA

Water : The piped water supply scheme was completed and mains water made available throughout the district except to isolated properties. Except in those parishes within the South-end Waterworks Company's statutory area and in Broomfield, where there is a local supply, all water is now obtained from the South Essex Waterworks Company, and public supplies, from the wells within the district formerly used, have been discontinued.

Various extensions to the mains amounted to 6 miles 1104 yards. This figure includes 1 mile 526 yards to make a connection between the Northern Area scheme and the existing mains at Writtle, to provide a complete circuit, and assist in maintaining a supply in the event of damage to the mains. In addition 588 yards of mains at Danbury were renewed.

The South Essex Waterworks Company's "method of purification followed at Langham, comprises storage in a sedimentation reservoir of 32 million gallons capacity, double sand filtration and treatment with chloramine. The finished water is tested daily in the Company's laboratory at Langham, together with samples taken at various stages of the treatment.

Early in 1939 a laboratory was built and equipped at the Company's Langham Works and a whole-time chemist and bacteriologist together with an assistant chemist and bacteriologist, were engaged, and from 1,500 to 2,000 samples a year are now being analysed."

A recent sample was reported upon by Dr. E. V. Suckling as "an efficiently treated water, pure and wholesome in character, and suitable for the purposes of public supply."

The treatment and examination of the Southend Waterworks Company's supply remains unchanged. A sample recently analysed by Dr. E. V. Suckling is reported upon as "a satisfactory sample indicative of a pure and wholesome water, suitable for drinking and domestic purposes."

Samples taken from the Broomfield Waterworks are reported as a "a wholesome water, suitable for drinking and domestic purposes."

During the year 478 additional premises were connected to the mains.

Drainage and Sewerage.

Three additional branch sewers were constructed during the year, in Vicarage Road, and from Galleywood Road to Pitt Chase, in Great Baddow, and Brown's Avenue, Runwell.

Samples of the effluent from the Ingetestone and Mountnessing Sewage Disposal Works have been reported upon as being of a satisfactory standard.

Closet Accommodation.

No great changes have been made to those shown in previous reports.

Public Cleansing.

This work continues to increase with the development of the District. It is carried out partly by direct labour and partly by contract. That collected by direct labour is disposed of by Controlled Tipping. The contractor removes that collected by him to his own disposal point outside the district.

A salvage scheme was put into operation following the outbreak of war to recover such materials as can be utilised again by industry.

Sanitary Inspection of the Area.

The following table gives details of the inspections carried out and of notices served. The work was considerably curtailed as a result of the carrying out of the survey and compiling of registers in connection with the Government Evacuation Scheme and later in the year as a result of staff being engaged on Civil Defence duties.

INSPECTIONS AND PARTICULARS OF NOTICES FOR THE YEAR, 1939.

Nature of Inspection.	Total Inspections.	Notices Outstanding at end of 1938	Notices served.		Notices	
			Informal.	Statutory.	Complied with.	Outstanding at end of 1939.
Infectious Diseases Inquiries ..	106	—	—	—	—	—
Disinfection ..	10	—	—	—	—	—
Houses Inspected and Recorded under Housing Acts ..	13	—	—	—	—	—
Do. under Public Health Acts	37	66	32	7	52	53
Re-inspections under Housing Acts ..	328	—	—	—	—	—
Re-inspections under Public Health Acts ..	214	—	—	—	—	—
Overcrowding ..	60	15	3	—	12	6
Dirty condition of Houses ..	1	—	—	1	—	1
Other Nuisances ..	33	—	—	—	—	—
Re-inspections ..	2	—	—	—	—	—
Privies and Pail Closets ..	3	31	8	1	24	16
Water Closets ..	17	4	8	3	8	7
Urinals ..	14	1	—	—	—	1
House drainage ..	271	84	47	27	89	69
Water Supply ..	102	34	19	17	44	26
Pigstyes ..	7	—	4	—	—	4
Animals improperly kept ..	1	—	—	—	—	—
Schools ..	5	1	—	—	1	—
Cowsheds and Dairies ..	252	25	30	—	35	20
Bakehouses ..	20	5	—	—	3	2
Ice-cream Premises ..	10	1	8	—	9	—
Slaughterhouses and Meatshops	1161	—	—	—	—	—
Knackers Yards ..	15	—	—	—	—	—
Fresh and Fried Fishshops	1	—	—	—	—	—
Factories ..	32	—	4	—	—	4
Rats, Mice and Insects Pests	5	1	2	—	2	1
Tents, Vans, Sheds ..	862	—	11	—	5	6
Public Cleansing :—						
Ashbins ..	35	22	37	1	53	7
Refuse Dumps ..	226	—	—	—	—	—
Shops Act ..	31	1	1	2	1	3
Miscellaneous ..	221	6	9	1	12	4
Total ..	4,095	297	223	60	350	230

The following tables show the work done as a result of the service of Informal and Statutory Notices :—

Adequate lighting provided to living rooms	..	1
Adequate ventilation provided to rooms	..	4
Ashbins provided	..	53
Brick walls repaired or roughcast	..	16
Chimney stacks repaired or re-pointed	..	15
Ceiling plasters repaired or renewed	..	26
Coppers repaired or provided	..	2
Dampness remedied other than by d.p.c.	..	10
Dirty or verminous houses cleansed	..	2
Doors repaired or renewed	..	25
Eavesgutters and downspouts repaired or renewed	..	19
External wall plaster repaired or renewed	..	12
Floors repaired or re-laid	..	31
Foodstores provided or repaired	..	3
Handrails provided to staircases	..	9
Internal wall plaster repaired or renewed	..	25
Lighting or ventilation provided to foodstores	..	2
Outbuildings repaired or demolished	..	6
Roofs repaired or renewed	..	26
Sinks provided or repaired	..	12
Staircases provided or repaired	..	9
Stoves repaired or renewed	..	16
Weatherboarded walls renewed or repaired	..	8
Windows or frames repaired or renewed	..	55
Yards or paths repaired or paved	..	7

Cesspools cleansed	..	3
Cesspools filled in or abolished	..	6
Choked drains unstopped	..	6
Drainage systems altered or repaired	..	8
Drainage cut off from ditches, watercourses, etc.	..	20
Foul ditches cleansed	..	6
Houses connected to the sewer	..	17
Overflows from cesspools abolished	..	3
Pail closet structures repaired or renewed	..	13
Pails provided to closets	..	3
Water closet flushing apparatus repaired or renewed	..	5
Water closet pedestals repaired or renewed	..	3
Water closet structures repaired or renewed	..	5
Ventilation pipes fitted	..	2

Yard gullies provided or repaired	2
Main water supply provided to houses ..	35
Wells cleansed, repaired or improved ..	3
Rain-water supplies improved	2
Approaches to cowsheds or dairies improved ..	5
Cowshed floors repaired	6
Cowsheds reconstructed	1
Cowshed walls repaired	8
Cesspools provided	1
Cesspools repaired	1
Dairies sealed off from other buildings ..	1
Dairies repaired or improved	4
Dairy floors repaired	1
Dairy walls repaired	2
Drainage to cowshed or dairy improved ..	5
Lighting to cowshed or dairy improved ..	7
Manure accumulations removed	3
Mechanical milking plants, sterilizers, &c., cleansed and repaired	7
Other improvements to cowsheds or dairies ..	11
Ventilation to cowsheds or dairies	6
Water supply provided to cowsheds or dairies ..	4
Water supply improved	1
Bakehouses cleansed or limewashed	1
Miscellaneous work done	20
Non-compliance with Section 62 Housing Act, 1936	10

Camping Sites.

Section 269 Public Health Act 1936 was put into operation during the year and 6 camping sites were licensed. There are a number of other sites in use in the district by persons who are members of the Showmen's Guild.

The dwellings used by temporary agricultural workers were regularly inspected.

HOUSING

The following table gives details of the housing work carried out during the year. It will be seen that the work has been considerably interfered with as a result of other pressing duties and the outbreak of hostilities.

Number of new houses erected during the year :—

(a) Total (including number given separately under (b))	319
(b) Under the Housing Acts :—	
By the Local Authority	32

1. *Inspection of Dwelling Houses during the year* :—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	143
(b) Number of Inspections made for the purpose	637
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	52
(b) Number of Inspections made for the purpose	157
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	22
(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	40

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 or their officers	69
---	----

3. *Action under Statutory Powers during the year* :—

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

Number of dwelling-houses which were rendered fit after service of formal notices :—

By Owners	2
-------------------	---

B.—Proceedings under Public Health Acts.	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	11
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
By Owners	4
C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.	
(1) Number of dwelling-houses in respect of which Demolition Orders were made	6
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders :—	
By Owners	21
4. <i>Housing Act, 1936—Part IV.—Overcrowding :—</i>	
(a) (i) Number of dwellings overcrowded at end of year	28
(ii) Number of families dwelling therein	28
(iii) Number of persons (equivalent) dwelling therein	189
(b) Number of new cases of overcrowding reported during the year	3
(c) (i) Number of cases of overcrowding relieved during the year	12
(ii) Number of persons (equivalent) concerned in such cases	77½

Overcrowding has been affected by two factors, the temporary reduction of the number of inmates of some overcrowded dwellings by members of the families concerned leaving for service in H.M. Forces, and in other cases by the number of inmates being increased by persons evacuated to the District. It is very difficult therefore to give any accurate figure of actual overcrowding at the end of the year. No case of gross overcrowding as a result of the war has however been brought to light.

In addition to the 32 houses erected and completed by the Council during the year 3 cottages were purchased and re-conditioned and are now occupied.

312 houses out of the 531 provided for in the Council's building programme have now been completed. During the year 4 houses additional to the programme were erected at Little Baddow.

In respect of Clearance Areas the position at the end of the year was that 9 houses were still occupied and 11 were vacant but not demolished.

INSPECTION AND SUPERVISION OF FOOD

Milk Supply.

There are 213 registered cowsheds and dairies in the district in which milk is produced for sale. A large proportion of these are licensed for the production of Designated Milks by the Essex County Council. In addition there are 21 dairies used by persons who retail milk purchased from other producers, and 22 persons who are registered to retail milk within the district, with premises outside the district. These premises have been regularly inspected and details of works which have been carried out as a result of requests from your Sanitary Inspector's Department, in order to improve the premises, are shown in the table on page 12.

19 licences were granted under the Milk (Special Designations) Orders 1936 and 1938. These were renewals of licences previously granted to the holders.

Meat and Other Foods.

14 slaughterhouses were in use throughout the district and animals slaughtered in them were regularly inspected. Details of the number of animals inspected are given below. 3 Tons 8 cwts 43 lbs. of meat were condemned as diseased or unsound or unfit for the food of man.

Carcases Inspected and Condemned.

	Cattle, exclud- ing Cows	Cows.	Calves	Sheep and Lambs.	Pigs.
Number inspected ..	380	15	104	871	3410
<i>All Diseases except Tuberculosis—</i>					
Whole carcases condemned ..	—	—	4	—	3
Carcases of which some part or organ was condemned	13	—	3	3	229
Percentage of the number inspected affected with disease other than Tuberculosis	3.42	—	6.73	0.35	6.8
<i>Tuberculosis only—</i>					
Whole carcases condemned	1	2	1	—	5
Carcases of which some part or organ was condemned	26	6	2	—	260
Percentage of the number inspected affected with Tuberculosis	7.11	53.33	2.88	—	7.77

Meat exposed for sale in butchers' shops was also regularly inspected.

The 27 bakehouses and other premises where food is prepared for sale were also regularly visited. Supervision was maintained over premises where ice cream is manufactured or stored for sale.

Investigations were made regarding an outbreak of food poisoning occurring amongst persons resident outside the district, in which food purchased within the district was suspected as a probable source of infection. The evidence obtained was inconclusive.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

As and from 23rd October, 1939, cases of measles and whooping cough were made notifiable diseases but up to the end of the year no such cases were notified or discovered. There was an increase in the number of cases of scarlet fever over the previous year's total. No serious outbreak occurred however.

There were 2 cases of cerebro-spinal fever in Stock, one of which was a soldier. Troop movements appeared to account for both cases. Assistance in tracing carriers was given by the staff of the Emergency Public Health Laboratories at Brentwood.

The immunisation of children against diphtheria was continued during the year. 43 children were completely immunised and 455 partially immunised, (*i.e.* had received the first inoculation). The prophylactic used throughout was A.P.T. Arrangements have been made to hold sessions throughout the district during 1940 so as to give facilities for children to be immunised in all parishes.

The following tables show the incidence of Infectious Diseases during the year.

NOTIFIABLE DISEASES DURING THE YEAR (EXCLUSIVE OF TUBERCULOSIS).

Notifiable Disease.	Total Cases Notified	Under 1	Age Group										65 or over	Cases admitted to Hospital	Total Deaths	
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65				
Scarlet Fever ..	43	—	—	3	1	23	9	1	6	—	—	—	—	—	35	—
Diphtheria ..	22	—	1	—	7	4	4	3	—	2	—	—	—	22	—	
Enteric Fever (including Paratyphoid) ..	4	1	—	—	—	—	2	1	—	—	—	—	—	3	—	
Puerperal Pyrexia ..	5	—	—	—	—	—	—	5	—	—	—	—	—	—	2	
Pneumonia (Primary and Influenza) ..	3	—	—	—	—	—	—	—	1	1	—	—	—	—	15*	
Cerebro-Spinal Fever ..	2	—	—	1	—	—	—	—	—	—	1	—	—	2	1†	
Ophthalmia Neonatorum ..	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
Erysipelas ..	6	—	—	—	—	—	—	—	1	—	—	—	1	—	—	
Totals ..	86	2	1	14	1	30	13	10	16	1	4	3	62	18		

* 12 cases not notified.

† Both cases fatal. One case not recorded in Registrar General's totals, being a Military case.

TABLE SHOWING LOCAL DISTRIBUTION OF CASES NOTIFIED DURING 1939.

Parish	Scarlet Fever.	Diphtheria.	Enteric Fever.	Puerperal Pyrexia.	Pneumonia.	Cerebro-Spinal Fever.	Ophthalmia Neonatorum.	Erysipelas.	Pulmonary Tuberculosis.	Other forms of Tuberculosis.	Total.
Great Baddow	8	6	—	4	—	—	1	—	4	3	26
Little Baddow	2	—	1	—	1	—	—	1	2	—	7
Boreham	2	—	—	—	—	—	—	—	—	—	2
Broomfield	8	—	1	—	—	—	—	1	—	—	10
Chignal	—	—	—	—	1	—	—	—	—	—	1
Danbury	2	1	1	—	—	—	—	—	1	—	5
Good Easter	4	—	—	—	—	—	—	—	—	—	4
East Hanningfield	2	—	1	—	—	—	—	—	—	—	3
Sth Hanningfield	—	—	—	—	—	—	—	—	1	—	1
W.Hanningfield	—	—	—	—	—	—	—	—	—	—	—
Ingatestone & Fryerning	1	—	—	—	—	—	—	1	—	1	3
Great Leighs	—	1	—	—	—	—	—	—	—	1	2
Little Leighs	—	—	—	—	—	—	—	—	—	—	—
Margaretting	2	—	—	—	1	—	—	—	—	1	4
Mashbury	—	—	—	—	—	—	—	—	—	—	—
Mountnessing	—	1	—	—	—	—	—	—	—	—	1
Pleshey	—	—	—	—	—	—	—	—	—	—	—
Rettendon	2	3	—	—	—	—	—	—	—	—	5
Roxwell	1	—	—	—	—	—	—	—	1	—	2
Runwell	1	5	—	—	—	—	—	—	4	1	11
Sandon	2	—	—	—	—	—	—	1	—	—	3
Springfield	—	—	—	—	—	—	—	—	—	—	—
Stock	—	—	—	—	—	2	—	—	—	—	2
Great Waltham	—	—	—	1	—	—	—	—	—	1	2
Little Waltham	—	—	—	—	—	—	—	—	1	1	2
Woodham Ferrers	4	1	—	—	—	—	—	—	1	—	6
Writtle	2	4	—	—	—	—	—	2	3	—	11
Totals	43	22	4	5	3	2	1	6	18	9	113

TUBERCULOSIS.

New Cases and Mortality during 1939.

Age Periods.	*New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ..	—	—	—	—	—	—	—	—
1 to 5 ..	1	—	2	—	—	—	—	—
5 „ 15 ..	1	—	3	3	—	—	—	1
15 „ 25 ..	1	1	—	1	1	—	1	—
25 „ 35 ..	3	1	—	—	1	—	—	—
35 „ 45 ..	2	1	—	—	1	—	—	—
45 „ 55 ..	3	1	—	—	1	—	—	—
55 „ 65 ..	2	—	—	—	1	—	—	—
65 and upwards	1	—	—	—	—	—	—	—
Totals ..	14	4	5	4	5	—	1	1

*Not including cases of tuberculosis removed into the district during the year, which had been previously notified elsewhere.

REPORT OF PETROLEUM INSPECTOR.**(A. Denton Ogden, F.R.S.I., F.S.I.A.).**

Mr. Chairman and Gentlemen,

For the year commencing 24th August, 1939, 128 licences were issued authorising the storage of petroleum spirit within the district. These licences permitted the storage of 100,166 gallons of petroleum spirit, 99,580 gallons in storage tanks and 586 gallons in cans.

One licence was issued authorising the storage of Carbide of Calcium.

The fees received by the Council for these licences amounted to £80 5s. od.

I am, Gentlemen,

Yours obediently,

A. DENTON OGDEN,

Petroleum Inspector.

Council Offices,

London Road, Chelmsford.

