

[Report 1960] / Medical Officer of Health, Dunmow R.D.C.

Contributors

Great Dunmow (England). Rural District Council.

Publication/Creation

1960

Persistent URL

<https://wellcomecollection.org/works/fh6z84zz>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

RURAL DISTRICT COUNCIL OF DUNMOW

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year

1960

together with the

REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR

INDEX

	<u>Page</u>		<u>Page</u>
Agricultural Premises	45	Milk	40, 41
Area of District	6	Moveable dwellings	50
Atmospheric Pollution	43, 44, 45	National Assistance Act, 1948	4
Bakehouses	41	Noise	46
Birds, protection of	51	Notices served	33, 36, 37
Births	3, 6	Nuisances detected	33
Burial of Dead	51	Pet animals	46
Byelaws, list of	52	Petroleum	51
Caravan sites	50	Poliomyelitis	16
Carbide of Calcium	51	Population of district	6
Clinics	9, 10	Public cleansing	31, 32
Dairies	40	Public conveniences	51
Dead, burial of	51	Public Health	
Deaths	3, 6, 7, 8	Chief Inspector's report	17, 18
Diphtheria	16	Committee, members of	1
Factories	48, 49	Officers, list of	2
Fire (Means of escape from)	49	Services, list of	9, 10
Fireguards (Heating appliances)	46	Rag Flock and Filling Materials	46
Fluoride	24	Rainfall	28, 29
Food		Rateable value	6
disposal of condemned	42	Rate, product of penny	6
hygiene	42	Refuse collection and disposal	31, 32
inspection and supervision	39, 40, 41	Rent Act	38
premises	41, 42	Rodent control	47
waste	42, 43	Salvage	32
Game Dealers	40	Sewerage and sewage disposal	29, 30, 31
Housing	33, 34, 35, 36, 37	annual inspection	29
new building	33	post war scheme	29, 30, 31
Houses, number of	6	Shops	43
Hygiene, environmental	4	Slaughter-houses	40
Ice Cream	41	Slum clearance	35, 36, 37
Immunisation	4, 16	Smallpox	16
Infantile mortality	6	Statistics	6
Infectious diseases	3, 4, 45	Street lighting	51
notifications	11, 12, 13, 14	Swimming baths	28
Inspection of District	32, 33	Tuberculosis	15
Knackers' Yards	40	Vaccination	16
Lee Valley Water Company	23, 28	Verminous premises	45
Legislation, 1960	52	Vital statistics	3, 6, 7
Litter	51	Waste Paper	32
Marriages, number of	6	Water supplies	19 - 28
Meat inspection	39	consumption	26, 27
Medical Officer's report	3, 4, 5	extensions	27
		properties on main supply	25
		re-grouping of undertakings	28
		samples	19 - 24
		Whooping Cough	16

RURAL DISTRICT COUNCIL OF DUNMOW

PUBLIC HEALTH COMMITTEE

CHAIRMAN: J. Lanyon, Esq., J.P.

VICE-CHAIRMAN: Mrs. M. R. Davey

Mrs. E. Bennett

Mrs. L. Burton.

Mrs. I. R. Clark, J.P.

P. Coleman, Esq.

Mrs. V. G. M. Culf

F. W. Dever, Esq.

P. A. G. Dixey, Esq.

H. A. Freeman, Esq.

Mrs. N. P. Gardiner

A. J. Gibbons, Esq.

E. C. Howard, Esq.

H. W. Juniper, Esq.

J. M. Lukies, Esq., J.P.

H. Maynard, Esq.

Mrs. B. F. Mellen

Mrs. M. L. H. Metson.

A. A. W. Rogers, Esq.

Mrs. D. H. M. Romanes

G. Smith, Esq.

G. E. Stock, Esq.

A. G. Turner, Esq.

C. A. Walker, Esq.

Mrs. A. M. F. B. Wilson.

J. Winder, Esq.

H. W. Witney, Esq.

E. F. Wright, Esq.

Co-opted Member: T. T. Streeter, Esq.

PUBLIC HEALTH OFFICERS

Medical Officer of Health:-

C. R. C. RAINSFORD, M.D., D.P.H., D.T.M.

Chief Public Health Inspector:-

H. B. GARDNER, M.R.S.H., M.A.P.H.I., Cert.R.S.H. and P.H.I.E.B.

Certificated Inspector of Meat and Other Foods

(to 21st September, 1960)

R. P. MAY, M.R.S.H., M.A.P.H.I., Cert.R.S.H. and P.H.I.E.B.

Certificated Inspector of Meat and Other Foods

(from 1st November, 1960)

Additional Public Health Inspector:-

D. J. GWYNN, M.A.P.H.I., Cert.R.S.H. and P.H.I.E.B.

Certificated Inspector of Meat and Other Foods

Chief Clerk:-

G. H. MASON

Clerk/Typist:-

Mrs. D. E. SANDERS

May, 1961.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my annual report for the year 1960 on the health, vital statistics and sanitary circumstances of the district. I am again indebted to Dr. Miller Wood for providing the information with regard to the health services controlled by the Essex County Council.

VITAL STATISTICS

Population The Registrar General's estimated population is 21,090, an increase of 270 over 1959. The population has increased every year since 1951 when it was 18,730.

Births There were 313 live births, a drop of 28 from the previous year. The corrected birth rate of 14.98 per 1,000 estimated population is below the general average for England and Wales which is 17.1.

Deaths 200 deaths were recorded and the corrected death rate of 9.12 per 1,000 estimated population is appreciably lower than that of England and Wales at 11.5.

The Maternal mortality figure is Nil.

Still births numbered 9 and there were 9 infant deaths, giving an infantile mortality rate of 28.8 per 1,000 live births. The causes of infant deaths were:- Acute bronchitis 1, bronchopneumonia 1, cerebral 1, and 5 due to or associated with prematurity.

The table giving deaths from all causes shows the usual pattern, the 2 biggest groups being cardio-vascular disease 102 and malignant disease 45.

NOTIFIABLE INFECTIOUS DISEASE

The number of cases notified was 175 compared with 353 in 1959. The reduction was due to the lower incidence of measles. Of the 127 cases 52 came from Thaxted and 42 from Great and Little Easton.

12 of the 18 cases of whooping cough were from Felsted Parish. It is gratifying to note a nil return for Poliomyelitis.

IMMUNISATION

Immunisation against diphtheria, whooping cough and vaccination against poliomyelitis was carried on as in previous years by General Practitioners and at Essex County Council Clinics.

Details of the work done can be found later in this report and it is satisfactory to note an appreciable increase in the number of children immunised against diphtheria.

In March 1960 vaccination against poliomyelitis was extended to cover all persons from the age of 6 months and up to 40 years of age. A great many people have availed themselves of this free insurance against an unpleasant disease but one would like to see even more do so. The efficacy and the safety of Poliomyelitis vaccination has been amply proved in many countries.

ENVIRONMENTAL HYGIENE

This section has been compiled by your Chief Public Health Inspector.

You will note that a great deal has been done and is being done to provide adequate sewers and sewage disposal works throughout the district. It is rather disconcerting to learn that increased building may mean that some of the new works already need extension. Further comment must await the report of the Consulting Engineers expected in June 1961.

The Council's building programme was resumed in 1960 but held up owing to brick shortage. Nevertheless 24 bungalows were completed during the year. In addition 80 private houses were built and planning approval has been given for a further 294.

NATIONAL ASSISTANCE ACT, 1948. Section 47.

It was not necessary to move anyone under the provision of this act.

I cannot complete this report without putting on record the deep personal loss felt by myself and all members of the Staff on the sudden death of Mr. Gardner our Chief Public Health Inspector. Many tributes have been paid to his efficiency, but he was far more than a highly efficient Officer, he tackled every problem with enthusiasm and a sense of humour. It was fun to work with Mr. Gardner.

I am grateful to Mr. May and the staff of the Public Health Department for the efficient way in which they have carried out their various tasks. It is a pleasure to record my thanks to the Chairman and members of the Public Health Committee for their interest and support and to all Officers of the Council for their co-operation at all times.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

C. R. C. RAINSFORD.

Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	...	72,836
Population (Registrar-General's estimate mid-1960)	...	21,090
Number of houses according to rate books	...	6,703
Rateable value	...	£211,820
Sum represented by a penny rate	...	£850
Number of marriages during the year	...	109

VITAL STATISTICS

Live Births

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	292	139	153
Illegitimate	21	11	10
Total live births - 313			
Birth rate per 1,000 estimated population	...	14.84	
Illegitimate Live Births per cent of total live births	...	6.7	
Birth rate corrected by comparability figure of 1.01	...	14.98	
Birth rate for England and Wales per 1,000 population	...	17.1	

Still Births

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	9	5	4
Illegitimate	-	-	-
Rate per 1,000 total live and still births	...	27.9	
Total live and still births - 322			
Rate per 1,000 total births England and Wales	...	19.7	

Infant Deaths

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Deaths of infants under 1 year			
Legitimate	9	3	6
Illegitimate	-	-	-
Total infant deaths - 9			

Infant Mortality Rates

Total infant deaths per 1,000 total live births	...	28.8
Legitimate infant deaths per 1,000 legitimate live births	...	30.8
Illegitimate infant deaths per 1,000 illegitimate live births	...	Nil

Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	...	22.36
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	...	22.36
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births)	...	49.68
Infantile Mortality for England and Wales per 1,000 live births	...	21.7

Maternal Mortality (including abortion)

Number of deaths	...	...	Nil
Rate per 1,000 total live and still births	...	...	Nil

Deaths

	<u>Total</u>	<u>Male</u>	<u>Female</u>
	200	100	100
Death rate per 1,000 estimated population	...	...	9.5
Death rate corrected by comparability figure of 0.96	...	...	9.12
Death rate per 1,000 population England and Wales	...	...	11.5

DEATHS FROM ALL CAUSES, 1960

The table below was compiled from figures supplied by the Registrar General and the Classification is given under the thirty-six headings based on the Abbreviated List of the International Statistical Classification of Diseases, Injuries and Causes of Death, 1948.

			Male	Female
1.	Tuberculosis, respiratory	...	1	-
2.	Tuberculosis, other	...	-	-
3.	Syphilitic disease	...	1	-
4.	Diphtheria.	...	-	-
5.	Whooping Cough	...	-	-
6.	Meningococcal infections	...	-	-
7.	Acute Poliomyelitis	...	-	-
8.	Measles	...	-	-
9.	Other infective and parasitic diseases	...	-	-
10.	Malignant neoplasm, stomach	...	6	8
11.	Malignant neoplasm, lung, bronchus	...	4	-
12.	Malignant neoplasm, breast	...	-	1
13.	Malignant neoplasm, uterus	...	-	1
14.	Other malignant and lymphatic neoplasms	...	15	9
15.	Leukaemia, aleukaemia	...	1	-
16.	Diabetes	...	1	-
17.	Vascular lesions of nervous system	...	15	14
18.	Coronary disease, angina	...	20	14
19.	Hypertension with heart disease	...	-	4
20.	Other heart disease	...	3	9
21.	Other circulatory disease	...	10	13
22.	Influenza	...	-	-
23.	Pneumonia	...	7	6
24.	Bronchitis	...	1	1
25.	Other diseases of respiratory system	...	1	1
26.	Ulcer of stomach and duodenum	...	-	1
27.	Gastritis, enteritis and diarrhoea	...	1	-
28.	Nephritis and nephrosis	...	1	-
29.	Hyperplasia of prostate	...	2	-
30.	Pregnancy, childbirth, abortion	...	-	-
31.	Congenital malformations	...	-	1
32.	Other defined and ill-defined diseases	...	7	12
33.	Motor vehicle accidents	...	2	-
34.	All other accidents	...	-	3
35.	Suicide	...	1	2
36.	Homicide and operations of war	...	-	-
All Causes			100	100

GENERAL PROVISIONS OF PUBLIC HEALTH SERVICES

(a) Under the control of the Essex County Council:-

(i) Clinics were held at the following Centres during the year:-

			<u>Attendances</u>
GREAT DUNMOW - Essex County Health Services Clinic, New Street.			
Child Welfare	Every Friday	2 p.m.	977
Ante-Natal and Women's Welfare	1st Thursday	10 a.m.	47
School Clinic	2nd, 4th & 5th Mondays	9.30 a.m.	30
Dental Clinic	Tues. & Wed. all day.	10 a.m.	1565
Speech Therapy	Every Wednesday	10 a.m.	608
FELSTED - Memorial Hall			
Child Welfare	2nd Tuesday	2 p.m.	421
GREAT EASTON - Village Hall			
Child Welfare	Last Friday	2 p.m.	166
HATFIELD HEATH - Trinity Hall			
Child Welfare	4th Tuesday	2 p.m.	376
HIGH EASTER - Village Hall			
Child Welfare	2nd Wednesday	2 p.m.	123
HIGH RODING - Women's Institute			
Weighing Centre	1st Thursday	2 p.m.	120
WHITE RODING - Village Hall			
Child Welfare	4th Wednesday	2.15 p.m.	307
STEBBING - Congregational Schoolroom			
Child Welfare	2nd Friday	2 p.m.	330
TAKELEY - Congregational Church			
Child Welfare	2nd Monday	2 p.m.	276
THAXTED - Church Hall			
Child Welfare	1st Friday	2 p.m.	373

(ii) Home Help Service:-

This useful service is administered from the Area Health Office,
75, Springfield Road, Chelmsford.

(iii) Ambulance Service:-

The Ambulance Station is situated in New Street, Dunmow. A full 24 hour cover is provided.

(b) Under the control of the North-East Metropolitan
Regional Hospital Board:-

(i) Chest Clinics:-

These are held at St. Michael's Hospital, Braintree; Herts and Essex General Hospital, Bishop's Stortford; and Saffron Walden General Hospital, and cater for the needs of the Dunmow population.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE

DISEASES	Total Notified	Admitted to Hospital	Total Deaths
Diphtheria	-	-	-
Dysentery	3	-	-
Encephalitis	1	1	-
Enteric Fever	-	-	-
Erysipelas	-	-	-
Food Poisoning	1	-	-
Infective Hepatitis	2	-	-
Measles	127	-	-
Meningococcal Infection	-	-	-
Pneumonia	4	-	-
Puerperal Pyrexia	-	-	-
Paralytic Poliomyelitis	-	-	-
Non-paralytic Poliomyelitis	-	-	-
Scarlet Fever	10	-	-
Tuberculosis, Pulmonary	8	1	1
Tuberculosis, Non-pulmonary	1	-	-
Whooping Cough	18	-	-
Totals	175	2	1

INFECTIOUS DISEASES NOTIFIED ACCORDING TO AGE

DISEASE	At all ages	Under 1 year	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20 - 35	35 - 45	45 - 65	65 and over	Age Unknown
Diphtheria	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Dysentery	3	1	1	1	1	1	1	1	1	1	1	1	1	1
Encephalitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Enteric Fever	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Erysipelas	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Food Poisoning	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Infective Hepatitis	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Measles	127	2	11	8	14	10	58	19	1	3	1	1	1	1
Meningococcal Infection	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Paralytic Poliomyelitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Non-paralytic Poliomyelitis	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Pneumonia	4	1	1	1	1	1	1	1	1	3	1	1	1	1
Puerperal Pyrexia	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet Fever	10	1	1	1	1	1	6	2	1	1	1	1	1	1
Tuberculosis, Pulmonary	8	1	1	1	1	1	1	1	1	1	3	2	2	1
Tuberculosis, Non-pulmonary	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Whooping Cough	18	2	1	2	1	2	7	3	1	2	1	1	1	1
Totals	175	4	11	10	15	13	72	26	1	10	6	4	2	1

INFECTIOUS DISEASES 1960

DISEASE	Total Notified	Aythorpe Roding	Little Bardfield	Barnston	Broxted	Great Canfield	Little Canfield	Chickney	Great Dumow	Little Dumow	Great Easton	Little Easton	Felsted	Great Hallingbury	Little Hallingbury	Hatfield Broad Oak	High Easter	Hatfield Heath	High Roding	Leaden Roding	Lindsell	Margaret Roding	Stebbing	Takeley	Thaxted	Tilty	White Roding
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dysentery	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	
Encephalitis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Food Poisoning	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Infective Hepatitis	2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Measles	127	-	-	1	-	-	-	-	2	-	24	18	1	10	10	5	-	-	-	-	1	-	-	1	52	1	
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pneumonia	4	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	
Puerperal Typhemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-paralytic Polio- myelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Scarlet Fever	10	-	-	-	-	1	1	-	3	1	-	-	-	-	-	2	1	-	1	-	-	-	-	-	-	-	
Tuberculosis, Pulmonary	8	-	-	-	-	-	-	-	3	-	-	1	1	-	-	-	-	1	-	-	-	-	-	1	1	-	
Tuberculosis, Non- Pulmonary	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Whooping Cough	18	-	-	-	-	-	-	-	-	-	1	-	12	2	-	1	-	-	-	-	-	-	-	1	-	1	
Totals	175	-	-	1	1	2	1	-	10	1	25	19	15	13	12	9	1	1	1	-	1	-	-	5	54	1	2

INFECTIOUS DISEASES NOTIFIED MONTH BY MONTH

DISEASE	Total Notified	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	3	1	1	-	-	-	-	1	-	-	-	-	-
Encephalitis	1	-	-	-	-	-	1	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	1	1	-	-	-	-	-	-	-	-	-	-	-
Infective Hepatitis	2	-	-	-	-	1	-	-	-	-	-	1	-
Measles	127	1	1	-	3	17	35	11	2	8	18	19	12
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	4	1	-	1	-	1	-	-	-	-	-	1	-
Puerperal Pyrexia	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	10	4	2	1	1	-	-	2	-	-	-	-	-
Tuberculosis, Pulmonary	8	-	-	2	2	2	-	-	1	-	-	-	1
Tuberculosis, Non-pulmonary	1	-	-	-	-	-	-	-	-	-	-	-	1
Whooping Cough	18	1	-	1	-	-	6	7	-	2	-	-	1
Totals	175	9	4	5	6	21	42	21	3	10	18	21	15

TUBERCULOSIS

Age Periods	New Cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1 - 2	-	-	-	-	-	-	-	-
2 - 3	-	-	-	-	-	-	-	-
3 - 4	-	-	-	-	-	-	-	-
4 - 5	-	-	-	-	-	-	-	-
5 - 10	-	-	-	-	-	-	-	-
10 - 15	-	-	-	-	-	-	-	-
15 - 20	-	-	-	-	-	-	-	-
20 - 35	-	1	-	-	-	-	-	-
35 - 45	3	1	-	1	-	-	-	-
45 - 65	-	1	-	-	-	-	-	-
65 and over	1	1	-	-	1	-	-	-
	4	4	-	1	1	-	-	-

Of these cases 7 were cases re-notified on taking up residence in this District.

IMMUNISATION AGAINST DIPHTHERIA

Children who completed a full course of primary immunisation during the year.				Children who were given a reinforcing injection during the year			
By General Practitioners		By County Staff		By General Practitioners		By County Staff	
<u>1960</u>	<u>1959</u>	<u>1960</u>	<u>1959</u>	<u>1960</u>	<u>1959</u>	<u>1960</u>	<u>1959</u>
(a) 199	(a) 223	82	44	35	29	212	56
Totals: 1960 - 281 1959 - 267				Totals: 1960 - 247 1959 - 85			

IMMUNISATION AGAINST WHOOPING COUGH

Children who completed a full course of immunisation under the County Scheme				Records of combined diphtheria pertussis immunisation received.	
By General Practitioners		By County Staff			
<u>1960</u>	<u>1959</u>	<u>1960</u>	<u>1959</u>	<u>1960</u>	<u>1959</u>
15	29	21	17	(b) 196	(b) 181
				<u>1960</u>	<u>1959</u>
Reinforcing injections	3	-	-	18	12

Figure (b) is included in (a)

VACCINATION AGAINST SMALLPOX

Number vaccinated during the year	<u>1960</u>	<u>1959</u>
	220	220
Number re-vaccinated during the year	68	68

VACCINATION AGAINST POLIOMYELITIS

	<u>1960</u>	<u>1959</u>
Number of persons who have received 2nd injection	917	1995
Number of persons who have received 3rd injection	1712	2967

Public Health Department,
Council Offices,
Dunmow.

May, 1961.

Mr. Chairman, Ladies and Gentlemen,

I beg to present to you the annual report of the Public Health Department for 1960.

The year was marred by the tragic and untimely death of Mr. Gardner. Henry B. Gardner came to Dunmow in 1931 as Assistant Sanitary Inspector and in 1935 became the Chief Sanitary Inspector on the retirement of Mr. Plumbley. This would have been his twenty-fifth annual report and I feel that the progress made over the last 25 years in housing, water and sewerage, some indication of which is given in this report, is the best tribute that one can pay to a man who had the interests and well-being of the district always at heart.

On 1st November the appointment of Surveyor and Public Health Inspector was split and I was appointed as your Chief Public Health Inspector. The Council also authorised the appointment of an additional Public Health Inspector and Mr. N. R. Jackson was appointed to commence his duties in January, 1961.

Good progress was again made in sewerage with the Great Easton and Little Easton, and the White Roding schemes completed and work well advanced in Willows Green and Causeway End, Felsted; High Roding and High Easter; Hatfield Heath and Little Hallingbury. The Council's Engineers are to make a new Comprehensive Report covering the remainder of the District not yet sewered.

Part of the contract of 56 bungalows was finished but progress was slow due to shortage of bricks. Private building expanded with 80 houses, the highest for any year since the war, being completed. At the end of the year the number of private houses planned or under construction was nearing 800, and this figure comprised houses actually being built, those with detailed plans approved but not commenced and those with outline planning

permission, details of which are set out on page 34 , and the considerable increase in population involved received the careful consideration of your Committee especially with regard to future sewerage requirements. A rural policy statement from the Planning Authority for the district is expected during the early part of 1961.

Since 1945, a total of 1,673 new dwellings has been provided in the district and the population has increased from 17,810 to 21,000.

I am indebted to the Surveyor for the above information.

The meat inspection duties of the department again eased very slightly; the total number of carcasses inspected being 48,340 as against 59,000 during 1959. Nevertheless this considerable volume of work to keep a 100% inspection of all meat killed in the district, takes much of the time of your Inspectors.

A full report on slum clearance is set out in the following pages but I feel it worthy of note that the total of 767 unfit houses existing in the district in 1955 had been reduced to 294 by the end of 1960. The Medical Officer of Health and myself are re-inspecting a number of these properties and I feel that the final figure of unfit houses to be dealt with will be a good deal less than 294.

The fortnightly back-door refuse collection continued and apart from one or two adverse comments in the local papers very few complaints were received. No doubt a weekly collection would be more popular but the resultant heavy increase in the rates would not be received very kindly. I estimate that to collect weekly would involve at least doubling the present staff and vehicles.

After approaches from the Council, the Essex County Council agreed to establish an Old People's Home in Great Dunmow and the search for a suitable site was in progress at the end of the year.

Further details of the work carried out by the Department are set out in the following pages and I should like, in conclusion, to thank the Council for their support and my staff for their loyalty and assistance during the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

R. P. MAY

Chief Public Health Inspector

PUBLIC HEALTH CIRCUMSTANCES OF THE DISTRICT

WATER UNDERTAKING

The water supplies in the District were adequate and were obtained from the Council's boreholes at Mill Lane, Great Dunmow; Borough Bridge, Thaxted; and Armitage Bridge, Thaxted. The parishes of Hatfield Broad Oak, Great Hallingbury and Little Hallingbury were supplied by the Lee Valley Water Company.

29 samples of the raw and filtered water were taken from all sources during the year for full chemical and bacteriological examination and all were found to be satisfactory.

Copies of reports on four of these samples by the Counties Public Health Laboratories appear on the following pages:-

Dunmow Pumping Station Supply

Tap - Dunmow Waterworks - deep borehole. 24.8.60

Chemical results in Parts per Million

Appearance:	Bright with few particles	Turbidity:	less than 3
Colour:	Nil	Odour	Nil
pH	7.3	Free Carbon Dioxide:	28
Electric Conductivity	680	Dissolved Solids dried at 180°C.	455
Chlorine present as Chloride	38	Alkalinity as Calcium Carbonate	300
Hardness	Total 320	Carbonate: 300. Non-carbonate	20
Nitrate Nitrogen	0.0	Nitrite Nitrogen	absent
Ammoniacal Nitrogen+:	0.059	Oxygen Absorbed	0.10
Albuminoid Nitrogen+:	0.000	Residual Chlorine	0.15
Zinc:	0.4		
Metals: Iron, Copper and lead:	absent		

+ to convert to Ammonia multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar:	1 day at 37°C. 0 per ml.	2 days at 37°C. 0 per ml.	3 days at 20-22°C. - per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	- ml.	100 ml.	0 per 100 ml.
Bact. coli (Type I)	- ml.	100 ml.	0 per 100 ml.
Cl. welchii reaction	 ml.	 ml.	

This sample is practically clear and bright in appearance, neutral in reaction and free from metals apart from a minute trace of zinc. The water is very hard in character but its hardness and its content of mineral and saline constituents in solution are not considered excessive. Its organic quality and bacterial purity are of a high standard.

These results are indicative of a pure and wholesome water suitable for public supply purposes. Softening would be considered advantageous.

6th September, 1960.

Counties Public Health Laboratories

Thaxted Pumping Station (Borough Bridge) Supply

Tap on public supply line, Thaxted Waterworks (Filtered -
Borough Bridge only)

Chemical Results in Parts per Million

Appearance:	Faint opalescence with a few particles.	Turbidity	3
Colour:	Nil	Odour:	Very faint oily.
pH	7.0	Free Carbon Dioxide	55
Electric Conductivity	740	Dissolved Solids dried at 180°C.	500
Chlorine present as Chloride	34	Alkalinity as Calcium Carbonate	305
Hardness:	Total: 410	Carbonate: 305.	Non-carbonate 105
Nitrate Nitrogen	0.3	Nitrite Nitrogen	less than 0.01
Ammoniacal Nitrogen+	0.000	Oxygen Absorbed	0.10
Albuminoid Nitrogen+	0.000	Residual Chlorine	absent
Metals: Iron: 0.45.	Zinc, Copper and Lead:	Absent	

+ To convert to Ammonia multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar.	1 day at 37°C. ... per ml.	2 days at 37°C. ... per ml.	3 days at 20-22°C. ... per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	 ml.	 ml.	 per 100 ml.
Bact. Coli (Type I)	 ml.	 ml.	 per 100 ml.
Cl. welchii reaction	 ml.	 ml.	

This sample shows faint opalescence associated with the trace of iron which is present. The water is free from other metals and is neutral in reaction. It is very hard in character but its hardness and its content of mineral and saline constituents in solution are not excessive. It conforms to the highest standard of organic quality.

These results indicate a water which, from the aspect of the chemical analysis, is pure and wholesome in character. The trace of iron present is however greater than is usually desirable to avoid grounds for complaint in a public supply.

27th May, 1960.

Counties Public Health Laboratories.

Thaxted Pumping Station (Armitage Bridge) Supply

Tap on public supply line at Thaxted
Waterworks (Armitage Bridge water only)

Chemical Results in parts per Million

Appearance	Clear and bright	Turbidity	Nil
Colour	4	Odour	Nil
pH	7.1	Free Carbon Dioxide	40
Electric Conductivity	700	Dissolved Solids dried at 180°C	470
Chlorine present as Chloride	29	Alkalinity as Calcium Carbonate	285
Hardness: Total	390	Carbonate 285. Non-carbonate	105
Nitrate Nitrogen	0.0	Nitrite Nitrogen	Absent
Ammoniacal Nitrogen+	0.071	Oxygen Absorbed	0.15
Albuminoid Nitrogen+	0.000	Residual Chlorine	0.05
Iron:	0.30		
Metals: Zinc, Copper and Lead:	Absent		

+ To convert to Ammonia multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar:	1 day at 37°C.	2 days at 37°C.	3 days at 20-22°C.
	0 per ml.	0 per ml.	- per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	- ml.	100 ml	0 per 100 ml.
Bact. coli (Type I)	- ml.	100 ml.	0 per 100 ml.
Cl. welchii reaction	... ml.	... ml.	...

This sample is clear and bright in appearance, neutral in reaction and free from metals apart from a minute trace of iron. The water is very hard in character but its hardness and its content of mineral and saline constituents in solution are not excessive. Its organic quality and bacterial purity are of a high standard.

These results are indicative of a pure and wholesome water suitable for public supply purposes, although softening would be considered advantageous.

13th January, 1960.

Counties Public Health Laboratories.

Lee Valley Water Company Supply

Tap, Main supply, "Casaganza", Goose Lane, Lt. Hallingbury

Chemical Results in Parts per Million

Appearance: Slight opalescence with a deposit. Microscopical examination:-
Deposit of iron hydroxide.

Colour	Filtered:	Nil	Turbidity	12
pH		7.0	Odour	Nil
Electric Conductivity		650	Free Carbon Dioxide	55
Chlorine present as Chloride		33	Dissolved Solids dried at 180°C	435
Hardness:	Total:	355	Carbonate: 300. Non-carbonate:	55
Nitrate Nitrogen		0.2	Alkalinity as Calcium Carbonate	300
Ammoniacal Nitrogen+:		0.015	Nitrite Nitrogen	absent
Albuminoid Nitrogen+:		0.000	Oxygen Absorbed	0.0
	Iron:	1.3	Residual Chlorine	absent
Metals: Zinc, Copper and Lead:	absent			

+ To convert to Ammonia multiply by 1.21

Bacteriological Results

No. of colonies developing on Agar	1 day at 37°C.	2 days at 37°C.	3 days at 20-22°C.
	0 per ml.	0 per ml.	- per ml.
	Present in	Absent from	Probable number
Presumptive Coliform reaction	- ml.	100 ml.	0 per 100 ml.
Bact. coli. (Type I)	- ml.	100 ml.	0 per 100 ml.
Cl. welchii reaction	... ml.	... ml.	

This sample shows slight opalescence and a deposit due to the substantial trace of iron which is present. The water is free from other metals and is neutral in reaction. It is very hard in character but contains no excess of mineral or saline constituents in solution. Its organic quality and bacterial purity are of a high standard.

These results are indicative of a wholesome water, but the "discolouration due to the iron content will have obvious disadvantages for some domestic use.

26th September, 1960.

Counties Public Health Laboratories

Fluoride

The Fluoride content of the water supplied from the Council's pumping stations is as follows:-

Thaxted (Borough Bridge)	..	..	..	..	0.5 parts per million
Dunmow ..	..	..	..	..	1.0 part per million

Main Water Supplies

On the following page will be found a schedule showing by parishes the houses and estimated population which have main water supplies:-

POPULATION IN EACH PARISH ON MAIN SUPPLY

Parish	No. of houses	Estimated Population (mid-60)	No. of houses on main supply	Estimated Population on main supply
Aythorpe Roding	63	185	58	180
Little Bardfield	84	235	62	186
Barnston	100	310	94	282
Broxted	178	550	164	486
Great Canfield	130	387	126	378
Little Canfield	107	347	98	294
Chickney	11	40	-	-
Great Dunmow	1349	3904	1286	3800
Little Dunmow	127	396	103	309
Great Easton	248	693	227	681
Little Easton	128	346	115	335
Felsted	666	2670	619	2557
Great Hallingbury	319	1007	249	797
Little Hallingbury	345	1076	314	1012
Hatfield Broad Oak	707	2241	660	2052
High Easter	191	575	166	498
High Roding	117	349	110	330
Leaden Roding	108	337	106	319
Lindsell	76	216	73	209
Margaret Roding	66	188	64	177
Stebbing	346	1062	303	982
Takeley	431	1651	421	1617
Thaxted	669	1923	644	1887
Tilty	23	72	14	42
White Roding	114	350	109	327
Totals:	6703	21090	6185	19737

Waterworks Undertaking

Quantities of Water Pumped:

Dunmow Pumping Station		25,437,000 gallons
Thaxted Pumping Station		181,306,000 gallons
		<u>206,743,000 gallons</u>

Water Consumption:

The water consumption for the last twelve years has been as follows:-

		<u>Gallons</u>	<u>Consumption per day - gallons</u>
<u>1949</u>	Total consumption	147,106,700	403,416
	Domestic	101,329,700	277,615
	Metered	45,777,000	125,801
<u>1950</u>	Total Consumption	150,402,700	412,496
	Domestic	99,225,700	271,851
	Metered	51,177,000	147,645
<u>1951</u>	Total Consumption	165,170,300	452,574
	Domestic	117,659,300	322,354
	Metered	47,511,000	130,220
<u>1952</u>	Total Consumption	172,226,600	471,518
	Domestic	128,463,600	351,924
	Metered	43,763,000	119,594
<u>1953</u>	Total Consumption	156,276,144	428,153
	Domestic	112,151,144	307,263
	Metered	44,125,000	120,890
<u>1954</u>	Total Consumption	180,274,900	496,393
	Domestic	136,916,900	375,114
	Metered	43,358,000	121,279
<u>1955</u>	Total Consumption	197,463,000	541,000
	Domestic	151,677,000	416,000
	Metered	45,786,000	125,000

		<u>Gallons</u>	<u>Consumption per day - gallons</u>
<u>1956</u>	Total Consumption	203,292,000	555,697
	Domestic	149,288,000	408,080
	Metered	54,004,000	147,617
<u>1957</u>	Total Consumption	209,777,000	574,730
	Domestic	147,932,000	432,690
	Metered	51,845,000	142,040
<u>1958</u>	Total Consumption	201,879,000	553,093
	Domestic	156,147,000	427,800
	Metered	45,732,000	125,293
<u>1959</u>	Total Consumption	210,083,000	575,569
	Domestic	165,393,000	453,131
	Metered	44,690,000	122,438
<u>1960</u>	Total Consumption	206,743,000	565,142
	Domestic	162,902,000	445,029
	Metered	43,841,000	120,113

Repairs and connections:-

No. of new domestic connections to mains	...	113
No. of new metered supplies	...	14
No. of repaired services	...	99
No. of repaired mains	...	27

Mains extensions:-

Extensions were made to the Council's water mains during the year as under:-

160 yards of 3" main	-	Cressages Close, Felsted.
85 yards of 3" main	-	Hawthorne Close, Takeley.
730 yards of 3" main	-	Highfields, Dunmow.

Dunmow and Thaxted Pumping Stations

The Thaxted station worked satisfactorily throughout the year and it was not necessary to overhaul No. 1 Pump although complete spares were held ready for this work.

At Dunmow, a new 5-stage Submersible pump was ordered to replace the worn-out Sumo pump which was beyond repair, but this had not been delivered by the end of the year. The new pump is to be used as a stand-by.

Water Carting

No water carting was necessary and this no doubt reflects the very wet summer.

Re-grouping of Water Undertakings

A further meeting of the authorities concerned was held during the year but no material progress to the amalgamation of the various water undertakings has yet been made.

Public Swimming Baths

There are no public swimming baths in the District.

Lee Valley Water Company

During the year the Herts and Essex Water Company was transferred to the Lee Valley Water Company. This Company supplies water to three of your parishes. No extensions were carried out during the year.

Rainfall

The rainfall as recorded at Thaxted Waterworks during the year is given below:-

		<u>inches</u>
January	...	2.32
February	...	1.45
March	...	1.38
April	...	1.91
May	...	1.10
June	...	1.27
July	...	3.33
August	...	4.04
September	...	5.9
October	...	6.04
November	...	3.81
December	...	4.32
		<u>36.87 inches</u>

This was the heaviest year's rainfall recorded since records were started in 1937. The heaviest fall was 1.73 inches on 20th September. The longest period without rain was the 16 days from 21st May to 5th June.

SEWERAGE AND SEWAGE DISPOSAL

Pollution of Streams

With the completion of a number of sewerage schemes the pollution of streams and rivers in the district has been halted.

Extensions of Sewers

No extensions were made to the Council's sewer network during the year other than those made under contracts in progress, reports on which appear in subsequent paragraphs.

Connections to Sewers

During the year, 70 properties were connected to the Council's sewers, other than in contracts in progress:-

Felsted	5	Hatfield Broad Oak	11
Great Dunmow	23	Thaxted	4
Little Hallingbury	11	Takeley	16

Sewage Works

All the various sewage disposal works; sewage treatment plants and sewage pumping stations worked satisfactorily throughout the year.

Annual Inspection of Undertakings

All the works were considered to be properly managed for the purpose of the Essex County Council's Grants Scheme.

Comprehensive Post-War Sewerage Scheme

Work proceeded during the year and I give below details of the progress of each scheme:-

Contract 12 - Great Easton Sewage Disposal Works, and Duck Street and Mill End, Little Easton

The sewerage of Duck Street and Mill End and the extension of the Great Easton Sewage Disposal Works was completed on 26th September.

Contract 13 - High Easter, High Roding and White Roding

The White Roding section was completed by the end of the year and the pumps at the disposal works site had been installed. At High Easter and High Roding work continued on house connections, sewer laying being completed. The various units on the disposal works sites were being finished off and machinery at the pumping stations was being installed.

Contract 14 - Willows Green and Causeway End, Felsted

Work on the sewerage of these two hamlets commenced on 26th March and at the end of the year work on laying sewers continued in adverse weather conditions and the biological filter at the Willows Green Sewage Disposal works site and the pumping station and humus tank were being constructed. Steady progress was being made.

Contract 15 - Great Easton and Duton Hill extensions

Several manhole lengths of sewer were completed on this contract but in March work was stopped and the Contractors went into liquidation. On 31st December tenders for the completion of the work had been received and were being examined.

Contract 16 - Hatfield Heath and Hatfield Broad Oak

Work on this contract commenced on 19th September and by the end of the year five manhole lengths of sewer had been laid along the Chelmsford Road and 400 yards of the rising main had also been laid.

Contract 17 - Little Hallingbury extensions

This contract for the further extensions of sewers in the Wrights Green area and the extension of the existing sewage disposal works commenced on 13th June. By 31st December, nine sewer lengths had been laid and remedial works were being carried out to the Goose Lane and Pynohon Hall sections. At the disposal works site work was in progress on the humus tank, sand filter, sludge digestion tank and biological filter.

Barnston extensions

After considerable discussions with the County Council the Council finally agreed to carry out the extensions in the High Easter road area of Barnston and in December the Council's Engineers were instructed to proceed with the preparation of the tender documents.

Great Dunmow

The report of the Council's Engineers for the extension of the sewers and sewage disposal works was received in August but consideration was deferred. Negotiations for the acquisition of further land required for the disposal works were however, put in hand.

Broxted

The detailed scheme for extensions for the whole of Broxted parish were received during the year but in view of the cost per house the scheme was deferred pending consultations with the Ministry of Housing and Local Government and the Essex County Council.

Remainder of District

The cost of the Broxted scheme raised the question of the remaining part of the Council's comprehensive scheme comprising schemes in the more rural areas of Little Canfield, Leaden Roding, Margaret Roding, Aythorpe Roding, Lindsell, Little Bardfield and Great Hallingbury, and also the considerable increase in population in the district was causing the overloading of new schemes recently completed. As a result of a meeting between the Council and their Engineers, the Engineers were instructed to prepare a new Report, the terms of reference of which were:-

"Discuss schemes already in operation, commenting on their operation and efficiency and giving consideration to any future extensions to either sewers or disposal works.

Discuss schemes in course of construction and those that are not yet finalised, with specific emphasis on the sufficiency of the schemes in the light of current population trends.

Discuss the possibility of the future linking-up of schemes"

This report was expected to be produced by June, 1961, when the Council will decide what further action to take. In the meantime the construction programme as set out in the 1959 report has been shelved.

PUBLIC CLEANSING

Refuse Collection and Disposal

The Council's system is a back door collection fortnightly throughout the district and has been working satisfactorily since its inception in May, 1959.

The work is supervised by a foreman who has a crew of 8 men and 3 refuse

collecting vehicles. 7,956 yards of refuse were collected during the year.

Tipping took place in the disused gravel pits at Merks Hill, Great Dunmow, under the terms of a lease negotiated with the owner of the farm. One refuse collector working part-time at the tip with the Chaseside Shovel covered the refuse with earth and kept the tip levelled as necessary. Earth was carted from the Felsted Sugar Factory under contract.

Salvage

The collection of waste paper was continued during the year and baling was carried out in the Council Yard. The amount collected, 126 tons 19 cwt, showed a slight decrease over the previous year. The value of the paper collected showed an increase and amounted to £1,008. 17. 2d.

Scrap metal; rags and gunny to the value of £5. 0. 0d. were also collected and sold during the year.

PUBLIC HEALTH INSPECTION OF THE DISTRICT

The Council's Public Health Inspectors made 4,460 visits and inspections in the course of the year. Details of these are given below:-

Complaints received and investigated	...	172
Inspections under Housing Acts	...	479
Housing applications verified	...	13
Housing applications verified for other authorities	...	11
Certificates of Disrepair	...	7
Inspections under Public Health Acts	...	901
Caravan sites	...	174
Schools	...	15
Offensive accumulations	...	35
Water supplies	...	92
Drainage, cesspools etc.	...	208
Sewage Disposal	...	70
Ditches, ponds and watercourses	...	95
Refuse Disposal	...	44
Infectious Disease prevention	...	52

Factories and Workshops	...	27
Shops	...	19
Verminous Premises and other pests	...	44
Bakehouses	...	18
Slaughterhouses and Knackers Yards	...	1,424
Cafes, restaurants and canteens	...	74
Dairies and Milk Roundsmen	...	19
Mobile Food Premises	...	21
Hotels and Public Houses	...	48
Rodent Control	...	210
Petroleum Acts	...	56
Improvement Grants	...	114
Atmospheric Pollution	...	2
Diseases of Animals (Waste Foods)	...	16
<u>Nuisances detected and Notices served</u>		
Nuisances detected	...	159
Informal notices served	...	56
Notices outstanding 1st January, 1960	...	30
Notices outstanding 31st December, 1960	...	27
Statutory Notices served	...	3
Legal Proceedings	...	1

HOUSING

New Building

New building during 1960 was as follows:-

Number of Council houses completed	...	24
Number of Private houses completed	...	80
Number of houses built by other authorities..		4
Number of Council houses under construction at end of year	...	24
Number of Council houses approved but not commenced at end of year	...	8
Number of Private houses under construction at end of year	...	114

Number of private houses with outline planning permission at end of year	...	355
Number of Private houses with plans approved but not commenced at end of year	...	294
Number of conversions completed	...	3
Number of conversions in progress at end of year		1

Total new building since the War

The total number of houses built in the District since the War is:-

Council houses	...	828
Housing Associations	...	12
Private houses	...	688
Essex County Council	...	26
Conversions	...	119
		<u>1,673</u>

Council Houses

The total number of houses owned by the Council at the end of the year was:-

Pre-War houses	...	671
Cottages purchased post-war		15
Post-War houses	...	<u>823</u>
		<u>1,509</u>

11 houses have been sold to tenants (6 pre-war houses and 5 post-war houses).

Private Building

The number of private houses built during 1960, 80, was the highest for any year since the War.

The number of planning applications made during the year was 497.

Housing (Financial Provisions) Act, 1958, and House Purchase and Housing Act, 1959

Grants

During the year, discretionary grants for 45 private dwellings were approved totalling £11,981. 0. 0., and standard grants were approved for 27 dwellings for the maximum of £3,455. 0. 0d.

Agricultural dwellings

During the year, 1 grant was approved for the erection of a private dwelling for an agricultural worker.

Housing applications

There were 351 applications for Council houses at 31st December. During the year there were 48 re-lettings.

Housing Programme

The contract for the erection of 56 bungalows proceeded somewhat slowly during the year mainly due to shortages of bricks. 24 had been completed by 31st December and 8 were still to be started.

A programme of 62 dwellings, mainly 1-bedroom bungalows, had been agreed for 1961 and by the end of the year a number of firms and local builders had been asked to submit plans and prices for consideration.

Housing Act, 1957 - Slum Clearance Programme

A meeting of the Slum Clearance Committee took place during the year when it was reported that out of 767 unfit houses estimated to exist in 1955, only 294 remained to be dealt with. At the request of the Ministry of Housing and Local Government a report of proposed action during the next 5 years was submitted as follows:-

Part I. The total problem

- | | | | |
|------|--|-----|-----|
| (i) | Estimated number of houses remaining unfit for human habitation | ... | 294 |
| (ii) | Period of years which the Council think necessary for securing the demolition of all houses in (i) | | 5* |

Part II Action already taken

Number of houses demolished or closed since 1.1.56 including unfit houses owned by local authorities and those in unfitness orders ...	343
--	-----

Part III Further proposals for action in the next 5 years

- | | | |
|-------|---|---------|
| (i) | Number of houses to be demolished in clearance areas | 10 |
| (ii) | Number of houses to be demolished elsewhere | 40 |
| (iii) | Number of houses to be patched and retained for temporary accommodation | ... Nil |

* Out of the total of 294 houses it is expected that 50 only will be demolished. The remaining 244 could be brought up to a fit standard and the Council are inviting owners to do this by way of improvement grants.

Details of action taken

I give below a tabular statement setting out details of the action taken during the year:-

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) | 485 |
| | (b) | Number of inspections made for the purpose | 641 |
| (2) | (a) | Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Regulations | 194 |
| | (b) | Number of inspections made for the purpose | 427 |
| (3) | | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 5 |
| (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 | 56 |

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 18

3. Action under Statutory Powers during the year

A - Proceedings under Public Health Acts:-

- | | | |
|-----|---|---|
| (1) | Number of dwelling houses in respect of which notices were served requiring defects to be remedied .. | 3 |
| (2) | Number of dwelling houses in which defects were remedied after service of formal notices:- | |
| | (a) By owners | 3 |
| | (b) By Local Authorities in default of owners | 0 |

B - Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957:-

- | | | |
|-----|---|---|
| (1) | Number of dwelling houses in respect of which notices were served requiring repairs | 0 |
|-----|---|---|

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

- | | | |
|--|-----|---|
| (a) By owners | ... | 0 |
| (b) By Local Authorities in default of owners .. | | 0 |

C - Proceedings under Sections 16 and 23 of the Housing Act, 1957:-

- | | | |
|---|-----|---|
| (1) Number of dwelling houses in respect of which Demolition Orders were made | ... | 0 |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders | ... | 0 |
| (3) Number of written undertakings accepted | ... | 6 |

D - Proceedings under Sections 17, 19 and 27 of the Housing Act, 1957:-

- | | | |
|-----------------------------------|-----|----|
| (1) Number of Closing Orders made | ... | 0 |
| (2) Number of houses demolished | ... | 37 |

E - Proceedings under Section 24 of the Housing Act, 1957:-

- | | | |
|---|-----|---|
| (1) Number of Demolition Orders revoked | ... | 2 |
|---|-----|---|

F - Proceedings under Section 28 of the Housing Act, 1957:-

- | | | |
|--|-----|---|
| (1) Number of Closing Orders revoked and Demolition Orders substituted | ... | 0 |
|--|-----|---|

G - Proceedings under Section 42 of the Housing Act, 1957:-

- | | | |
|--|-----|---|
| (1) Number of houses in confirmed clearance areas demolished | ... | 8 |
|--|-----|---|

H - Proceedings under Sections 34 and 53 of the Housing Act, 1957

- | | | |
|--|-----|---|
| (1) Licences issued for temporary occupation | ... | 1 |
|--|-----|---|

4 Overcrowding - Part IV, Housing Act, 1957

No action was necessary during the year.

RENT ACT, 1957

The following action was taken during the year:-

- | | | |
|-----|--|---|
| (1) | Number of applications for certificates of disrepair | 1 |
| (2) | Number of Undertakings given by owners ... | 1 |
| (3) | Number of certificates of disrepair issued ... | - |
| (4) | Number of certificates of disrepair cancelled ... | 1 |

INSPECTION AND SUPERVISION OF FOOD

MEAT INSPECTION

Slaughtering was carried out regularly during the year at the Dunmow Bacon Factory and at the 6 private slaughterhouses in the District.

Carcases inspected and condemned:

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	2336	54	141	2844	42,965*	-
Number inspected	2336	54	141	2844	42,965	-
<u>All diseases except Tuberculosis and Cysticerci</u>						
Whole carcasses condemned	5	-	2	2	81	-
Carcasses of which some part or organ was condemned	152	10	1	15	5,932	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	6.72	18.51	2.12	.59	13.98	NIL
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	-	-	-	-	1,071	-
Percentage of the number inspected affected with tuberculosis	NIL	NIL	NIL	NIL	2.49	NIL
<u>Cysticercosis</u>						
Carcasses of which some part or organ was condemned	9	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

* Pigs which arrived dead or died in lairs were examined for scheduled diseases but were not inspected for food.

139 lbs. liver was condemned in Butcher's shops during the year.

The bulk of the meat inspected was for consumption outside the District. The Ministry of Agriculture, Fisheries and Food made a grant of £525 towards the cost of this work for the year.

Slaughter of Animals

The number of licences at the end of the year was

Private Slaughter-houses	...	7
Knacker's Yards	...	1
Licensed Slaughter-men	...	33

Slaughterhouses

The report as required by the Slaughterhouses (Reports) Direction, 1959, was prepared and approved by the Council and the Ministry of Agriculture, Fisheries and Food. The appointed day when all the Slaughterhouses are required to comply with the Slaughterhouses (Hygiene) Regulations, 1958, was fixed as 1st April, 1961, and lists of the work required were sent to each slaughterhouse. 2 slaughterhouses gave up slaughtering and in the remainder a start on the necessary work was made.

Knackers Yards

There was one knacker's yard in operation during the year, at Little Hallingbury. The statutory returns under the Slaughter of Animals (Prevention of Cruelty) Regulations, 1958, revealed that 25 horses, 208 cattle and 506 pigs and sheep were slaughtered during the year.

OTHER FOOD

During the year the following foodstuffs were found upon inspection to be unfit for human consumption and were condemned:-

Rhubarb	1 tin	Spam	1 tin
Tomatoes	5 jars and 6 tins	Corned Beef	8 tins
Cooked Ham	5 tins	Gooseberries	1 tin
Sliced Beans	1 tin	Danish Fore ends	8
	Fowls	3	

Game

7 persons were licensed under the Local Government Act, 1894, to deal in Game during the year.

Milk

19 inspections were made of the dairies in the district. 19 samples of milk were taken for analysis and these were satisfactory.

There were 17 persons registered in the District as Distributors of Milk and 7 Dairies (not being Dairy Farms) were also registered.

Milk Dealer's licences were in force as under:-

to use special designation "Tuberculin Tested"	...	12
to use special designation "Pasteurised"	...	12
to use special designation "Sterilised"	...	8

Supplementary Licences:-

to use special designation "Tuberculin Tested"	...	4
to use special designation "Pasteurised"	...	5
to use special designation "Sterilised"	...	4

Under the Milk (Special Designations) Regulations 1960, as from 1st January, 1961, milk dealer's licences will be issued by the County Council.

Ice Cream

There were 108 premises registered under Section 16 of the Food and Drugs Act 1955, for the storage and sale of ice-cream in the District. 37 samples of ice cream were taken for analysis and these were satisfactory.

No manufacture of ice cream was carried on in the District and no action was required to be taken under the Ice Cream (Heat Treatment) Regulations, 1947 - 52.

FOOD PREMISES

Bakehouses

The number of bakehouses at the end of the year in operation was 9. No unsatisfactory conditions existed.

Food premises by type of Business

Grocers and General Provisions	...	67
Bread and Confectionery	...	12
Butchers	...	11
Greengrocers and Fruiterers	...	5
Fishmongers	...	4
Sweets	...	10
Cafes and Restaurants	...	24
Public Houses and Hotels	...	66
Works Canteens	...	10
School Canteens and Cooking Centres...		15

Included in the above list are the following premises as registered under Section 16 of the Food and Drugs Act, 1955:-

Fish Frying	...	4
Manufacture of sausages and preserved food	...	16

Food Processing Premises

Sweet Factory	...	1
Bacon Curing Factory	...	1
Beet Sugar Factory	...	1
Breweries	...	2
Egg Packers	...	2

FOOD HYGIENE

140 inspections of food premises were made during the year and it was necessary to take formal action in one case as follows.

Food and Drugs Act, 1955

During the year proceedings were instituted against one of the local bakers following a complaint that a wasp had been found in a cherry slice purchased from one of his establishments.

Having studied all the facts laid before them, the Court was not satisfied that the cherry slice had been rendered unfit for human consumption and had no alternative but to dismiss the case against the defendant.

No Clean Food Campaigns were carried out during the year.

DISPOSAL OF CONDEMNED FOOD

The Bacon Factory at Dunmow disposes of condemned meat by digestion in steam vats to produce inedible fats; beef carcasses are disposed of to Knackers for boiling down for inedible fats or fertilisers; smaller parts are burnt or buried.

No special arrangements for disposal of condemned food were necessary during the year.

WASTE FOOD

There were 4 premises licensed for the boiling of waste food for animal feeding as under:-

- Fanns Farm, Takeley.
- Leaden Roding Piggeries.
- Claremont, Hatfield Heath.
- The Cottage, Cock Green, Felsted.

Powers for the inspection and licensing of waste food bailing plants under the Diseases of Animals (Waste Food) Order, 1957, have been delegated to the Council.

SHOPS

The inspection of shops under the Shops Act, 1950, was carried out during the year but no formal action was necessary. There were 177 shops entered in the Council's registers.

ATMOSPHERIC POLLUTION

Since 1st June, 1958, all sections of the Clean Air Act 1956 have been in operation. A brief account of important sections follows:-

SECTION 1

Dark Smoke

Emission of dark smoke from a chimney, including domestic chimney, constitutes an offence. Penalties are provided for contravention.

Under these sections the Minister has made the Dark Smoke (Permitted Periods) Regulations 1958. These are in force and prevent the emission of dark smoke and soot blowing for certain periods. Nevertheless, dark smoke is prohibited for more than four minutes, and black some two minutes at any one time.

No offences have been observed under this section.

SECTION 3

This Section applies to new furnaces having a maximum heating capacity of 55,000 B.T.U. per hour or more to be capable of being operated without emitting smoke when burning a fuel for which they were designed. Installation must be notified to local authority. Plan and specification may be submitted for approval.

No notifications were received.

SECTION 11

Section 11 gives local authority power to make a Smoke Control Area.

SECTION 16

Abatement of Smoke Nuisances

Emission of smoke other than:-

- a) from a private dwelling or
- b) dark smoke from an industrial furnace

shall if it is a nuisance to the inhabitants of the neighbourhood, be dealt with as a statutory nuisance.

No nuisances have occurred.

Measurement of Atmospheric Pollution

In measuring atmospheric pollution it is required to find:-

- a) concentration of smoke in the atmosphere
- b) concentration of SO₂ in the atmosphere.

Volumetric method

Smoke

A measured quantity of air is drawn through a filter paper which retains the smoke particles in the form of a dark stain. From the darkness of the stain can be measured the weight of smoke. This is expressed in milligrams per 100 cm.

Sulphur Dioxide

A measured quantity of air is drawn through a dilute solution containing Hydrogen Peroxide. The sulphur dioxide in the air combines with the solution to form sulphuric acid. The amount of acid is determined by titration. This is expressed in: pp 100 million.

The Council have a volumetric control instrument at Bran End, Stebbing. The following are results for the year 1960.

<u>Smoke expressed</u> milligram per 100 m ³	January	February	March	April	May	June	July	August	September	October	November
Monthly Average	5	4	3	2	1	1	1	1	2	3	4
Highest Daily Average	29	9	6	6	5	1	1	2	6	5	8
<u>Sulphur Dioxide</u> expressed P.P. 100 million								Insufficient Readings			
Monthly Average	2	1	0.5	T	1	T	1		T	T	T
Highest Daily Average	3	2	2	1	2	1	1		0.6	1	1

T = trace (less than 0.5)

Lead Peroxide Candles

Two candles have been sited, one at Cutlers Green, Thaxted, and one at Little Canfield. Exposure is for a period of one month and then sent to the laboratory for analysis. Results are expressed as mg. of SO_3 /day collected by 100 sq. cm. of Batch A PbO .

As a result of national surveys, results from these instruments have not proved reliable. These instruments are now being withdrawn from service.

The results indicated show that air in the district is comparatively pure. Although little advantage has been gained for this district, it is felt that no national scheme for the control of air pollution can succeed without a sufficient number of stations and I consider the Councils participation worthwhile and a real contribution to the reduction of atmospheric pollution.

The results of the measurements in this area are of great interest to the Ministry's Research Departments.

INFECTIOUS DISEASE

1 disinfection of a private house was carried out during the year. 52 visits of investigation were made into cases of infectious disease.

VERMINOUS PREMISES

5 premises were disinfested during the year after complaints of infestation by vermin. The standard form of treatment was spray with a 5 per cent solution of D.D.T., or Gammexane Smoke Generators.

Disinfestation of bedding was carried out as required at Braintree U.D.C.'s plant or at the Herts and Essex General Hospital at Bishop's Stortford.

AGRICULTURAL PREMISES

It was not possible to carry out any inspections of farms under the provisions of the Agriculture (Safety, Health and Welfare Provisions) Act, 1956, during the year.

RAG FLOCK AND OTHER FILLING MATERIALS

There is one premise in the District where rag flock is manufactured or where filling materials are used, under the Rag Flock and Other Filling Materials Act, 1951.

PET ANIMALS

1 pet shop was licensed during the year in Great Dunmow, under the Pet Animals Act, 1951.

HEATING APPLIANCES

No action was necessary during the year under the Heating Appliances (Fireguards) Act, 1952, section 2 of which concerns the inspection and testing of appliances to see that they have the necessary fireguards.

Your Inspectors have been appointed as authorised officers for the inspection and testing of Oil Burners under the Oil Burners (Standards) Act, 1960.

NOISE ABATEMENT

The Noise Abatement Act came into force during the year making noise or vibration which is a nuisance, a statutory nuisance under the Public Health Act, 1936.

RODENT CONTROL

The following are details of action taken under the Prevention of Damage by Pests Act, 1949

Details (i)	Type of Property				
	Local Authority (ii)	Dwelling Houses (iii)	Agricultural (iv)	Business Premises (v)	
Number of properties in Area	11	6703	250 included in (iii)	297	
Premises inspected as a result of notification	-	124	-	7	
Premises inspected as a result of survey under the Act	11	68	-	-	
Total number of inspections (including re-inspections and inspections primarily for other purposes)	32	1008	-	241	
Number of properties found to be infested with rats:					
Major infestations	-	-	-	-	
Minor infestations	-	125	-	2	
Number of properties found to be seriously infested with mice	-	18	-	-	
Number of infested premises treated by the Council's Public Health Inspectors	-	143	-	2	
Number of notices served under Section 4 of the Act.	-	-	-	-	

In addition to the above, treatments were carried out at the refuse tips at Merck Hill, Great Dunmow, which are privately owned.

Sewers

The Council's sewerage systems were not test baited during the year.

Threshing of Stacks

No action was necessary during the year under the Prevention of Damage by Pests (Threshing and Dismantling of Ricks) Regulations, 1950

FACTORIES

Particulars of the premises registered by the Council under the Factories Act, 1937, and of the inspections made are to be found as follows:-

INSPECTIONS for the purpose of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by local authorities	45	18	-	-
ii) Factories not included in (i) in which Section 7 is enforced by local authorities	74	9	-	-
iii) Other premises in which Section 7 is enforced by Local Authorities (excluding out-workers premises)	-	-	-	-
Totals:	119	27	-	-

CASES in which DEFECTS were found

	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			to H.M. Inspector	by H.M. Inspector	
nt of Cleanliness (S.1.)	2	2	-	-	-
ercrowding (S.2.)	-	-	-	-	-
reasonable temperatures (S.3.)	-	-	-	-	-
adequate ventilation (S.4)	-	-	-	-	-
effective drainage of floors (S.6.)	-	-	-	-	-
itary conveniences (S.7.)					
a) Insufficient	1	1	-	-	-
b) Unsuitable or defective	1	1	-	-	-
c) Not separate for sexes	-	-	-	-	-
her offences (not including offences relating to out workers)	1	1	-	-	-
Totals:	5	5	-	-	-

MOVEABLE DWELLINGS
(Tents, Vans and Sheds)

At the end of the year, in addition to seasonal workers in agriculture, sites were used at:-

Parish	Sites	Vans	Tents	Huts	Adults	Children
Barnston	3	3	-	-	6	1
Little Bardfield	1	1	-	-	1	-
Little Canfield	2	2	-	-	4	-
Great Dunmow	4	4	-	1	7	-
Great Easton	1	1	-	-	2	-
Felsted	6	6	-	-	12	2
Great Hallingbury	2	2	-	-	5	1
Hatfield Broad Oak	3	13	-	-	28	18
High Easter	2	2	-	-	4	-
Leaden Roding	2	2	-	-	3	-
Stebbing	8	14	-	3	21	4
Takeley	10	156	-	1	226	110
Thaxted	4	5	-	-	10	-
White Roding	3	6	1	5	10	4
Totals:	51	215	1	10	339	140

All the sites have access to main water supply. The sanitary accommodation is mainly chemical or earth closets with water closets on the larger sites.

The bulk of the vans are sited on the three sites adjoining Stansted Airport in the parish of Takeley.

OTHER PUBLIC HEALTH MATTERS

Protection of Birds

No action was necessary under Section 12 (4) of the Protection of Birds Act, 1954, which concerns bird sanctuaries.

Public Conveniences

Public Conveniences owned by the Council are situated in Great Dunmow and Thaxted. An income of £75 was received from them during the year.

Burial of the Dead

No burials were arranged during the year under the provisions of Section 50 of the National Assistance Act, 1948. A total of 16 burials has been arranged by this Council since the passing of the Act.

The Burials Acts 1852-1906 have not been adopted by any parish in the District.

Petroleum and Carbide of Calcium

At the end of the year there were 143 licences issued for the storage of petroleum (including 32 filling stations), and 5 licences for the storage of Carbide of Calcium. The testing of underground tanks which have been installed for more than 20 years continued during the year.

Street Lighting

Street lighting powers under the Parish Councils Act, 1957, are held by Barnston, Felsted, Great Dunmow, Thaxted, and Little Dunmow, and Great Hallingbury for part of that parish.

Litter

An order was given for the supply and installation of fifty-eight litter baskets, without advertisements, and by the end of the year permission had been obtained for a number of these to be fixed to Post Office Telegraph and Electricity Board poles. The remainder were to be fixed on posts, and tenders for the erection of these posts were being invited.

BYELAWS

The following is a list of the Council's Byelaws now in force:-

Byelaws for securing cleanliness in premises of hairdressers or barbers.

Byelaws with respect to houses occupied by persons of the working classes.

Byelaws with respect to new streets.

Byelaws for the Handling, Wrapping and Delivery of Food and Sale of Food in the Open Air.

Building Byelaws.

Byelaws for the sanitary conditions and management of private slaughterhouses.

Byelaws for preventing waste, undue consumption, misuse or contamination of water.

Byelaws relating to sanitary conditions, management and keeping of records for Knackers' Yards.

Byelaws for the protection of water fittings from effect of frost.

Byelaws for smoke prevention.

Building Byelaws for Thermal Insulation and Flue Pipes.

NEW LEGISLATION

The following Acts affecting the duties of the Public Health Department received the Royal Assent during the year:-

Caravan Sites and Control of Development Act, 1960.

Noise Abatement Act, 1960.

Offices Act, 1960.

Oil Burners (Standards) Act, 1960.

Public Bodies (Admission of the Press) Act, 1960

NEW LEGISLATION

The following is a list of the Council's Byelaws now in force:

Byelaws for securing cleanliness in premises of hairdressers or barbers.

Byelaws with respect to houses occupied by persons of the working classes.

Byelaws with respect to new streets, roads and lanes.

Byelaws for the handling, weighing and delivery of food and drink.

Byelaws for the handling, weighing and delivery of food and drink.

Byelaws for the sanitary conditions and management of private lavatories.

Byelaws for preventing waste, contamination of water, undue consumption, misuse or pollution of water.

Byelaws relating to sanitary conditions, management and disposal of refuse for Kuching, Jangle.

Byelaws for the protection of water fittings from effect of frost.

Byelaws for smoke prevention.

Byelaws for the handling, weighing and delivery of food and drink.

NEW LEGISLATION

The following Acts affecting the duties of the Public Health Department have been passed during the year:

Caravan Sites and Control of Development Act, 1960.

Police Act, 1960.

Offices Act, 1960.

Oil Refractors (Standards) Act, 1960.

Public Bodies (Admission of the Press) Act, 1960.

