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RURAL DISTRICT COUNCIL OF DUNMOW

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year

1963

together with the

REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR



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RURAL DISTRICT COUNCIL OF DUNMOW

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PUBLIC HEALTH OFFICERS

Medical Officer of Health:-

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

Chief Public Health Inspector:-

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

Deputy Chief Public Health Inspector:-

D.J.GWYN, M.A.P.H.I., Cert. R.S.H. and P.H.I.E.B.
Certificated Inspector of Meat and Other Foods
(to 6th May, 1963)

N.JACKSON, M.A.P.H.I., Cert. R.S.H. and P.H.I.E.B.
Certificated Inspector of Meat and Other Foods
Diploma in Smoke Inspection
(from 6th May, 1963)

Additional Public Health Inspectors:

N.GAYLER, Cert. R.S.H. and P.H.I.E.B. (from 7th January, 1963
to 31st December, 1963)

R.C.BROWN, Cert. R.S.H. and P.H.I.E.B.
(from 1st July, 1963)

Chief Clerk:-

G.H.MASON

Shorthand-Typist/Clerk

Miss C.A. HAWKES

Public Health Offices,
Town Hall,
Braintree.

June, 1964.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting the annual report for 1963 on the health vital statistics and sanitary circumstances of the district. I have to thank Mr. Miller Wood for providing information with regard to clinics and personal health services run by the Essex County Council.

VITAL STATISTICS

The Registrar-General's estimate for the 1963 population is 21,160 an increase of 400 on 1962. In 1958 it was 20,570 and in 1953, 19,040. This means that the population has risen by about 10% in 10 years. One wonders what it will be in 1973?

In 1963 there were 385 live births giving a corrected birth rate of 18.7 per 1,000 estimated population. The figure for England and Wales is 18.2. It is interesting to recall that in 1938 Dunmow's birth rate was 15.2 and that of England and Wales 15.1.

In his Presidential address to the Royal Society of Health in April 1964, the Registrar-General commented on the national annual rise of 2 to 3 per cent in births from 1956 and added that this implied an average ultimate family size of about $2\frac{1}{2}$ children for the women who married in 1960 compared with just over two children for those who had married in 1930.

246 deaths were recorded for 1963, giving a corrected death rate of 11.4 per thousand population.

There were 6 still births and 5 deaths of infants under one year, giving an infantile mortality rate of 13 per 1,000 live births which is considerably lower than the national figure of 20.9.

Four of the infant deaths were due to prematurity and one from cardiac abnormalities.

NOTIFIABLE INFECTIOUS DISEASE

In all, 657 cases were notified but the total is not as formidable as it seems as 626 of these were of measles. Of the remainder dysentery accounted for 5, pulmonary tuberculosis 13 and infective hepatitis 2.

Measles was prevalent throughout the district, the majority coming from Great Dunmow 206, Felsted 66, Takeley 50 and Hatfield Heath 49. The months of highest incidence were February, March and April.

Polionyelitis and diphtheria showed nil returns but there were 2 cases of whooping cough.

IMMUNISATION

Immunisation against diphtheria, whooping cough, tetanus, polionyelitis is done by general practitioners and at the Essex County Council Clinic. Full details will be found later in this report.

It is to emphasize the importance of this service that I allocate to it a special paragraph in my annual report.

ENVIRONMENTAL HYGIENE

A great deal of the day to day work of the department comes under this heading and it has been adequately covered by your Chief Public Health Inspector in the latter part of this report. My own comments will therefore be brief.

Water

The Council's water undertaking was taken over by the Lee Valley Water Company on 1st October, 1963. All samples analysed during the year were satisfactory. We will continue to take samples of the water in supply independently and in addition to sampling done by the Lee Valley Water Company.

Housing

You will note that 30 Council houses were completed during the year and 12 were under construction. A further 67 were approved. There were 345 names on the Council's waiting list at the end of the year.

A total of 170 houses were built by private enterprise.

Sewage

The Hatfield Heath and Hatfield Broad Oak scheme was completed during the year but the Dutton Hill, Great Easton, scheme was held up pending consultations between Contractors and Council's Consultants.

New schemes and new extensions estimated to cost £385,000 at Felsted, Great Dunmow, Barnston, Takeley and Margaret and Leaden Roding are under consideration.

Once more I am happy to record my thanks to the Chairman and members of the Public Health Committee for their interest and support and to Mr. May and his staff for loyal co-operation at all times.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

C. R. C. RAINSFORD

Medical Officer of Health

Births			Deaths		
Total			Total		
1951			1951		
1950			1950		
1949			1949		
1948			1948		
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STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	...	72,834
Population (Registrar-General's estimate mid-1963)	...	21,160
Number of houses according to rate books	...	7,240
Rateable value	...	£225,778
Sum represented by a penny rate	...	£903
Number of marriages during the year	...	146

VITAL STATISTICS

Live Births

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	371	183	188
Illegitimate	14	7	7

Total live births - 385

Birth rate per 1,000 estimated population	...	18.2
Illegitimate live Births per cent of total live births	...	3.6
Birth rate corrected by comparability figure of 1.03	...	18.7
Birth rate for England and Wales per 1,000 population	...	18.2

Still Births

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	5	3	2
Illegitimate	1	1	-

Rate per 1,000 total live and still births	...	15.3
Total live and still births - 391		
Rate per 1,000 total births England and Wales	...	17.3

Infant Deaths

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Deaths of infants under 1 year			
Legitimate	5	4	1
Illegitimate	-	-	-
Total infant deaths - 5			

Infant Mortality Rates

Total infant deaths per 1,000 total live births	...	13.0
Legitimate infant deaths per 1,000 legitimate live births	...	13.5
Illegitimate infant deaths per 1,000 illegitimate live births	...	Nil

Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	...	10.4
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)	...	7.8
Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births)	...	23.0
Infantile Mortality for England and Wales per 1,000 live births	...	20.9

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>
	246	127	119
Death rate per 1,000 estimated population	11.6
Death rate corrected by comparability figure of 0.98	11.4
Death rate per 1,000 population England and Wales	12.2
1. All causes	127	64	63
2. Infectious diseases	11	6	5
3. Tuberculosis	1	1	0
4. Diphtheria	0	0	0
5. Whooping cough	0	0	0
6. Neonatal infections	0	0	0
7. Acute infectious diseases	10	6	4
8. Measles	1	1	0
9. Other infectious diseases	0	0	0
10. Non-infectious diseases	135	71	64
11. Malignant neoplasms	11	6	5
12. Malignant neoplasms, breast	0	0	0
13. Malignant neoplasms, uterus	0	0	0
14. Other malignant and lymphatic neoplasms	11	6	5
15. Leukaemia, myeloid	0	0	0
16. Diabetes	1	1	0
17. Vascular lesions of nervous system	10	6	4
18. Coronary diseases, angina	4	2	2
19. Hypertension with heart disease	10	6	4
20. Other heart disease	0	0	0
21. Other circulatory diseases	0	0	0
22. Influenza	12	6	6
23. Pneumonia	3	2	1
24. Bronchitis	0	0	0
25. Other diseases of respiratory system	0	0	0
26. Ulcer of stomach and duodenum	2	1	1
27. Gastritis, enteritis and diarrhoea	1	1	0
28. Nephritis and nephrosis	1	1	0
29. Hyperplasia of prostate	2	1	1
30. Pregnancy, childbirth, abortion	0	0	0
31. Congenital malformations	0	0	0
32. Other defined and ill-defined diseases	13	7	6
33. Motor vehicle accidents	6	3	3
34. All other accidents	2	1	1
35. Suicide	1	1	0
36. Homicide and operations of war	0	0	0

DEATHS FROM ALL CAUSES, 1963

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	...	-	-
2.	Tuberculosis, other	...	-	-
3.	Syphilitic disease	...	-	-
4.	Diphtheria	...	-	-
5.	Whooping Cough	...	-	-
6.	Meningococcal infections	...	-	-
7.	Acute Poliomyelitis	...	-	-
8.	Measles	...	-	-
9.	Other infective and parasitic diseases	...	-	1
10.	Malignant neoplasm, stomach	...	3	-
11.	Malignant neoplasm, lung, bronchus	...	7	-
12.	Malignant neoplasm, breast	...	-	8
13.	Malignant neoplasm, uterus	...	-	2
14.	Other malignant and lymphatic neoplasms	...	13	11
15.	Leukaemia, aleukaemia	...	2	-
16.	Diabetes	...	-	1
17.	Vascular lesions of nervous system	...	10	16
18.	Coronary disease, angina	...	22	21
19.	Hypertension with heart disease	...	4	-
20.	Other heart disease	...	10	10
21.	Other circulatory disease	...	9	12
22.	Influenza	...	-	-
23.	Pneumonia	...	12	11
24.	Bronchitis	...	3	3
25.	Other diseases of respiratory system	...	1	-
26.	Ulcer of stomach and duodenum	...	2	2
27.	Gastritis, enteritis and diarrhoea	...	1	-
28.	Nephritis and nephrosis	...	1	2
29.	Hyperplasia of prostate	...	2	-
30.	Pregnancy, childbirth, abortion	...	-	-
31.	Congenital malformations	...	-	-
32.	Other defined and ill-defined diseases	...	13	16
33.	Motor vehicle accidents	...	6	-
34.	All other accidents	...	5	2
35.	Suicide	...	1	1
36.	Homicide and operations of war	...	-	-
All Causes			127	119

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.		1,186
Ante-Natal & Women's Welfare	1st Thursday	10 a.m.		49
School Clinic	2nd Monday	9.30 a.m.		80
Dental Clinic	Tues. & Wed. all day.	10 a.m.		1,164
Speech Therapy	Every Wednesday	10 a.m.		400
(No Speech Therapist between 21.10.63 & 31.12.63.) (By Appt.)				
FELSTED - Memorial Hall				
Child Welfare	2nd Tuesday	2 p.m.		584
GREAT EASTON - Village Hall				
Child Welfare	Last Friday	2 p.m.		152
HATFIELD HEATH - Trinity Hall				
Child Welfare	4th Tuesday	2 p.m.		282
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.		165
STEBBING - Congregational Schoolroom				
Child Welfare	2nd Friday	2 p.m.		339
TAKELEY - Congregational Church				
Child Welfare	2nd Monday	2 p.m.		354
THAXTED - Church Hall				
Child Welfare	1st Friday	2 p.m.		311

(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	5	-	-
Encephalitis	-	-	-
Enteric Fever	-	-	-
Erysipelas	-	-	-
Food Poisoning	-	-	-
Infective Hepatitis	2	-	-
Measles	626	-	-
Meningococcal Infection	-	-	-
Pneumonia	2	-	-
Peurperal Pyrexia	2	-	-
Paralytic Poliomyelitis	-	-	-
Non-paralytic Poliomyelitis	-	-	-
Scarlet Fever	5	-	-
Tuberculosis, Pulmonary	13	1	-
Tuberculosis, Non-pulmonary	-	-	-
Whooping Cough	2	-	-
	657	1	-

INFECTIOUS DISEASES NOTIFIED ACCORDING TO AGE

DISEASE	at all ages	Under 1 year	1 year	2 years	3 years	4 years	5 - 9	10 - 14	15 - 19	20 - 34	35 - 44	45 - 64	65 and over	age
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	5	-	-	-	-	-	3	2	-	-	-	-	-	-
Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infective Hepatitis	2	-	-	-	-	-	-	2	-	-	-	-	-	-
Measles	626	9	41	45	67	69	305	63	14	3	3	-	-	7
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic Polio- myelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	2	1	-	-	-	-	1	-	-	-	-	-	-	-
Puerperal Pyrexia	2	-	-	-	-	-	-	-	-	2	-	-	-	-
Scarlet Fever	5	-	-	-	1	-	4	-	-	-	-	-	-	-
Tuberculosis, Pulmonary	13	-	-	-	-	-	-	-	2	7	3	1	-	-
Tuberculosis, Non- pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	2	-	1	-	-	1	-	-	-	-	-	-	-	-
Totals	657	10	42	45	68	70	313	67	16	12	6	1	-	7

INFECTIOUS DISEASES 1963

DISEASE	Total Notified	Aythorpe Roding	Little Bardfield	Barnston	Broxted	Great Camfield	Little Camfield	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	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infective Hepatitis	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	626	9	3	2	8	8	13	-	206	6	2	4	66	19	18	31	27	49	15	14	5	3	20	50	24	-	4
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Non-paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, Pulmonary	1	-	-	-	-	2	-	-	-	-	1	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis, Non-pulmonary	-	-	-	-	-	-	-	-	-	-	1	1	1	-	2	-	-	-	-	-	-	-	3	1	-	-	-
Whooping Cough	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Totals	657	10	3	20	8	11	13	-	209	6	2	6	67	25	19	33	30	50	15	14	5	3	20	55	25	-	4

INFECTIOUS DISEASES NOTIFIED MONTH BY MONTH

DISEASE	Total Notified	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	5	-	-	-	1	-	3	-	-	1	-	-	-
Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-
Infective Hepatitis	2	1	-	1	-	-	-	-	-	-	-	-	-
Measles	626	60	225	112	89	48	32	7	24	5	20	4	-
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	2	-	1	-	-	-	1	-	-	-	-	-	-
Puerperal Pyrexia	2	-	-	-	-	1	-	-	-	1	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	5	-	2	-	2	-	-	-	-	1	-	-	-
Tuberculosis, Pulmonary	13	-	-	1	-	1	2	2	4	-	2	-	1
Tuberculosis, Non-pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	2	-	-	-	-	-	-	-	-	1	1	-	-
Totals	657	61	228	114	92	50	38	9	28	9	23	4	1

NOTIFICATION OF TUBERCULOSIS

Periods	New Cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
1	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
19	1	1	-	-	-	-	-	-
34	4	3	-	-	-	-	-	-
44	1	2	-	-	-	-	-	-
64	1	-	-	-	-	-	-	-
and over	-	-	-	-	-	-	-	-
	7	6	-	-	-	-	-	-

Of these cases 10 were cases re-notified on taking up residence in this district.

VACCINATION AND IMMUNISATION

<u>Primary Courses</u>	<u>By General Practitioners</u>	<u>By County Staff</u>	<u>Totals</u>
Diphtheria, Pertussis and Tetanus	159	42	201
Diphtheria & Tetanus	2	22	24
Diphtheria	1	-	1
Pertussis	-	-	-
Tetanus	1	18	19
Poliomyelitis	187	353	540
Smallpox	79	-	79
<u>Re-inforcing Doses</u>			
Diphtheria, Pertussis and Tetanus	16	1	17
Diphtheria & Tetanus	12	13	25
Diphtheria	2	3	5
Pertussis	-	-	-
Tetanus	1	4	5
Poliomyelitis	131	422	553
Smallpox	58	-	58

Public Health Department,
Council Offices,
Durmow.

May, 1964.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you the annual report of my Department for 1963.

Statistical details of the various aspects of the department's work are set out in the following pages but figures of this sort do not always make very interesting reading however important they may be. I have endeavoured in this short report to amplify some of the items.

Acting on the request of the County Medical Officer, enquiries were made of all general stores and chemists in the district concerning Steedman's "Soothing Powders" which were manufactured some 10 or more years ago. These contained Mercury which was connected with the onset of Pink Disease in Infants. Although all stocks were withdrawn it was thought that there still might be some in small village general stores and this proved to be the case because your inspectors found 41 powders in two shops. These were returned to the Manufacturers. This is an instance of one of the many varied tasks falling to your Public Health inspectors.

The Liquid Egg (Pasteurization) Regulations, 1963, come into force on 1st January, 1964, and details were circulated to all food premises in the district. These regulations require the pasteurization of liquid egg to be used in food intended for sale for human consumption other than egg broken out on the food manufacturer's premises and used within 24 hours.

Some 200 new properties were added to the refuse collection rounds and a new collecting vehicle was taken into use during the year. The old Lewin C.R.C. is to be used for spare parts. Maintenance of the tip using the John Deere Crawler was satisfactory and steps were taken to find a new area for tipping as space at Merks Hill is rapidly being filled. Following consideration of whether the refuse service should be put out to contract it was decided to keep the service in the hands of the Council but to employ a Works Study firm to investigate the operations with a view to making time available so that part of the district can have a weekly collection. These investigations were in hand at the end of the year.

Meat Inspection duties increased yet again with over 71,000 carcasses inspected and this year the task was complicated by the coming into force of the Meat Inspection Regulations 1963. A small committee was set up to consider the implications of the Regulations which require all carcasses to be stamped - the Council may also impose charges for inspection on the butchers concerned. Charges were in fact imposed and the question of the employment of additional staff was under consideration.

The approval of improvement grants continued at the usual rate of previous years with discretionary grants showing a considerable increase but standard grants falling off slightly. The total of grants approved by the Council since the scheme was first introduced in 1949 now amounts to £209,079.0.0. in respect of 837 houses. There is no doubt that many houses have been not only modernised but have had their useful life considerably extended by these grants and there is every hope that should the Government's Housing Bill become law then the scheme for standard grants will be extended.

A Public Convenience Committee was set up and as a result of their deliberations the old building in Dunmow is to be superseded by a new Convenience to be erected on the site of the new car park. Arrangements are also to be made to convert the present facilities in two public houses, in Hatfield Heath and Felsted, to serve as public conveniences in those parishes. Considerable damage was caused to the existing building and a person was prosecuted and fined, at Great Dunmow.

Court action was also taken in the case of a caravan at Mole Hill Green, Takeley, and a site at Hatfield Heath. The occupiers were fined in each case. New model conditions were adopted by the Council for caravan sites which were more stringent than the previous ones and this should result in conditions on the various sites being as satisfactory as they can be.

Further meetings of the Slum Clearance Committee were held but unfortunately it was not possible to take action on their recommendations owing to the need for staff to be concentrated on meat inspection duties. I hope that in 1964 it will be possible for a further effort to be made in this direction.

Finally a new Act received the Royal Assent - the Offices, Shops and Railway Premises Act, 1963 - and this seems likely to create a large amount of additional work during the coming year. It is a good thing however that office and shop

staff will have the same protection to their health and welfare as is already enjoyed in factories and workshops.

In conclusion I should like to thank the Council for their support and my staff for their loyalty and assistance during the year. I am indebted to the Surveyor for the information concerning housing and sewerage which appears in the report.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

R. P. MAY

Chief Public Health Inspector

WATER

The Council's Water Undertaking was taken over by the Lee Valley Water Company on 1st October, 1963.

As a result of this amalgamation, it will not be possible to give the detailed statistical information as in previous years. However, with the co-operation of the Company I hope to include some figures in the report for 1964.

Fluoride

The Fluoride content of the water supplied was as follows:-

Thaxted (Borough Bridge)	... 0.45 part per million
Dunmow	... 1.0 part per million

Supplies

The water supplies in the district were adequate and the table giving the population served is given again, and completed as far as possible.

11 samples of the raw and treated water were taken for analysis and all were found to be satisfactory. Copies of reports by the Counties Public Health Laboratories appear on the following pages:-

Thaxted Pumping Station (Borough Bridge) Supply

Borough borehole, Filtered/chlorinated

Chemical Results in Parts Per Million

Appearance:	Clear and bright	Turbidity:	Nil
Colour:	4	Odour:	Nil
pH:	7.2	Free Carbon Dioxide	37
Electric Conductivity:	715	Dissolved Solids dried at 180°C	480
Chlorine present as Chloride:	29	Alkalinity as Calcium Carbonate	
Hardness: Total	430	Carbonate: 310 Non-carbonate	120
Nitrate Nitrogen:	0.0		
Ammoniacal Nitrogen: [#]	0.046		
Albuminoid Nitrogen: [#]	0.000	Nitrite Nitrogen:	absent
Metals: Zinc, Copper & Lead absent		Oxygen Absorbed:	0.15
Iron	0.28	Residual Chlorine:	0.02

[#]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 1)	- 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 the minute trace of iron. The water is very hard in character but contains no excess of mineral or saline constituents in solution. Its organic quality and bacterial purity are of high standard.

These results are indicative of a pure and wholesome water. The content of iron in the sample is however slightly higher than is usually desirable for the maintenance of satisfactory conditions in a public supply, and its high hardness will be disadvantageous for many uses with soap.

5th December, 1963.

Counties Public Health Laboratories

Thaxted Pumping Station Supply

Tap on main, Borough and Armitage Bridge. Mixed-filtered
and chlorinated

Chemical Results in Parts Per Million

Appearance: Slight opalescence with particles. Slight deposition of iron hydroxide on standing.

Colour:	Nil	Turbidity:	
pH:	7.1	Odour:	Normal
Electric Conductivity:	740	Taste	Normal
Chlorine present as Chloride	29	Free Carbon Dioxide	
Hardness: Total	400	Carbonate 300 Non-carbonate	
Nitrate Nitrogen	0.0	Alkalinity as Calcium Carbonate	
Ammoniacal Nitrogen *	0.28	Dissolved Solids dried at 180°C	
Albuminoid Nitrogen*	0.000	Nitrite Nitrogen	absent
Metals: Iron	1.3	Oxygen Absorbed	0.0
Zinc, Copper & Lead	absent	Residual Chlorine	.
Manganese:	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. Present in	2 days at 37°C 0 per ml. Absent from	3 days at 20°C - per ml. Probable number
Presumptive Coliform reaction	- ml.	100 ml.	0 per 100 ml
Bact. Coli (Type 1)	- ml.	100 ml.	0 per 100 ml
Cl. welchii reaction	... ml.	... ml.	

This sample shows slight opalescence, with deposition of iron hydroxide on standing. The water is neutral in reaction and free from other metals. It is very hard in character but contains no excess of saline constituents in solution. Its organic quality and bacterial purity are of a high standard.

These results indicate suitability for treatment, including aeration and removal of iron, for public supply purposes.

18th July, 1963.

Counties Public Health Laboratory

Dunmow Water Works Supply

Tap on Main, Dunmow Water Works, Filtered and Chlorinated

Chemical Results in Parts Per Million

Appearance:	Clear and Bright	Turbidity:	Nil
Colour:	Nil	Odour:	Nil
	7.3	Free Carbon Dioxide	28
Electric Conductivity:	665	Dissolved Solids dried at 180°C	440
Chlorine present as Chloride	34	Alkalinity as Calcium Carbonate	305
Hardness: Total	330	Carbonate: 305 Non-carbonate	25
Nitrate Nitrogen:	0.0	Nitrite Nitrogen	absent
Ammoniacal Nitrogen*	0.054	Oxygen Absorbed	0.20
Aminoid Nitrogen*	0.020	Residual Chlorine	0.15
Impurities: Iron, Zinc, Copper & Lead	absent		

*To convert to Ammonia multiply by 1.21

Bacteriological Results

	1 day at 37°C	2 days at 37°C	3 days at 20-22°C
No. of colonies developing on Agar	0 per ml.	0 per ml.	- per ml.
Presumptive Coliform reaction	- ml.	100 ml.	0 per 100 ml.
E. Coli. (Type 1)	- ml.	100 ml.	0 per 100 ml.
Welchii reaction	... ml.	... ml.	

This sample is clear and bright in appearance, neutral in reaction and free from impurities. The water 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.

The results are indicative of a pure and wholesome water suitable for public supply purposes.

5th December, 1963.

County's Public Health Laboratory

WATER SUPPLY

POPULATION IN EACH PARISH HAVING MAINS WATER SUPPLY

Parish	No. of Houses	Estimated Population (mid-63)	No. of houses on main supply	Estimated pop on main supply
Aythorpe Roding	76	211	71	196
Little Bardfield	88	236	66	198
Barnston	104	310	99	292
Broxted	186	518	173	500
Great Canfield	134	350	130	340
Little Canfield	110	331	101	300
*Chickney	12	40	-	-
Great Dunmow	1,420	3,842	1,353	3,670
Little Dunmow	133	352	110	300
Great Easton	252	677	234	634
Little Easton	132	315	119	306
Felsted	772	2,790	716	2,667
Great Hallingbury	319	935	274	857
Little Hallingbury	382	1,125	371	1,069
Hatfield Broad Oak	788	2,323	731	2,172
High Easter	196	560	172	516
High Roding	114	308	109	300
Leaden Roding	113	328	109	309
Lindsell	77	197	75	190
Margaret Roding	67	179	65	169
Stebbing	361	1,019	323	987
Takeley	560	1,993	551	1,906
Thaxted	702	1,830	677	1,760
Tilty	23	66	14	42
White Roding	119	325	114	318
	7,240	21,160	6,757	19,998

* Supplied by Saffron Walden R.D.C.

Swimming Baths

There are no public swimming baths in the district but there are swimming baths both at Dunmow Primary School and Dunmow Secondary Modern School. These are inspected regularly and samples taken for bacterial content - the chlorine content is also checked at regular intervals.

SEWERAGE AND SEWAGE DISPOSAL

There are 14 sewage disposal works and 15 sewage pumping stations in the district and these serve the more heavily populated areas in 16 of the 25 parishes.

Connections to sewers

During the year, 181 new properties were connected to the Council's sewers:-

Felsted	38	Great Easton	4
Great Dunmow	9	Hatfield Broad Oak	14
Little Hallingbury	8	Thaxted	19
Takeley	61	Little Easton	1
Stebbing	3	High Roding	1
Hatfield Heath	11	High Easter	4
Barnston	2	White Roding	2
Broxted		4	

Annual Inspection of Undertakings

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

First Comprehensive Post-War Sewerage Scheme

The final commissioning of the Hatfield Heath and Hatfield Broad Oak scheme (Contract 16) took place during the year.

The only remaining proposal is the Contract 15A - Great Easton and Dutton Hill extensions - and here the final remedial work was held up pending consultations between the Contractors and the Council's Consultants.

Future Proposals

Detailed documents and plans were received on the last day of the year from the Consultants for the three proposed new sewerage schemes:-

- (a) Lower Chelmer Valley with new works at Felsted and extensions in Great Dunmow and Barnston.
- (b) Takeley Sewage Works extensions.
- (c) Combined scheme for Leaden and Margaret Roding.

These were estimated to cost some £385,000 and are to be submitted to the Minister in the New Year.

PUBLIC CLEANSING

Refuse Collection and Disposal

The Council's system is a rear of premises collection fortnightly throughout the district. The staff consists of a foreman and 9 men working with three refuse collecting vehicles. One of the loaders works for half of his time on the tip. There is also a reserve vehicle. A new Karrier vehicle was purchased during the year and the oldest vehicle was cannibalised for spare parts. With 200 new houses completed during the year, the amount of refuse collected again increased considerably.

The Council considered the refuse collection service and decided to have a work study into its operation. A firm of work study consultants were employed and the collation of the necessary information by my staff was in progress at the end of the year. The intention is to try to save sufficient time by reorganisation so that a weekly collection can be started in Great Dunmow.

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 land. The tip is covered daily and is generally maintained in accordance with the terms of the planning permission and the E.C.C. Act.

Salvage

The collection of waste paper was continued during the year and 91 tons were despatched to the Mills with a total value of £737. This shows a decrease again over the previous year.

Litter

60 litter containers have been set up by the Council throughout the district and these were emptied regularly on the normal rounds.

A special litter drive took place during the year when hired vehicles made many special collections of the larger items of scrap.

Public Conveniences

Public Conveniences owned by the Council are situated in Great Dunmow and Thaxted. Plans were approved for the erection of a new building in Dunmow so that the old and unsatisfactory conveniences can be replaced during the coming year. Arrangements were also made for converting conveniences at Hatfield Heath and elsted at two public houses for general public use.

INSPECTION OF THE DISTRICT

The Council's Public Health Inspectors made 4,325 visits and inspections in the course of the year. Details of these are given below:-

Complaints received and investigated	...	178
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Inspections Under Housing Acts

Housing inspections	...	234
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Housing applications verified	...	43
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Housing applications verified for other local authorities	...	15
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Inspections under Public Health Acts

Caravan sites	...	227
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Offensive accumulations	...	9
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Water supplies	...	78
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Drainage, cesspools etc.	...	256
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Ponds, ditches and Watercourses	...	44
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Verminous premises	...	1
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Other household pest visits	...	42
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Disinfestations	...	1
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Animals improperly kept	...	40
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Refuse disposal	...	124
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Sewage disposal	...	14
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Infectious Disease Prevention

Visits to private houses	...	78
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Visits to schools	...	2
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Factories, Shops and Schools

Factories	...	8
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Outworkers	...	Nil
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Shops	...	2
-------	-----	---

Schools	...	14
---------	-----	----

Food and Drugs Act

Slaughterhouses	...	695
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Bakehouses	...	6
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Cafes, restaurants and canteens	...	55
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Hotels and Public Houses	...	15
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Dairies and Milk Roundsmen	...	8
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Mobile Food Premises	...	2
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Sampling

Milk	...	Nil
Ice Cream	...	Nil
Water	...	15
Other foods	...	10
Bacteriological	...	44

Rodent Control

Visits	...	147
Treatments	...	68

Clean Air Acts

Visits to installations	...	63
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Petroleum Regulations

Licensing	...	11
Pressure and seepage tests	...	31
Certificates of Disrepair	...	2

Improvement Grants

Litter Containers	...	4
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Escape from Fire

Aged Persons	...	4
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Noise Abatement

Swimming Pools	...	19
----------------	-----	----

Still Boiling Plants

Hairdressers	...	Nil
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Dangerous Structures

Meat Inspection visits	...	1,509
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Nuisances Detected and Notices Served

Nuisances detected	...	160
Informal notices served	...	8
Notices outstanding 1st January, 1963	...	18
Notices outstanding 31st December, 1963	...	7
Statutory Notices served	...	49
Legal Proceedings	...	1

HOUSING

New Building

New building during 1963 was as follows:

Number of Council houses completed	...	30
Number of Private houses completed	...	170
Number of houses built by other authorities	...	1
Number of Council houses under construction at end of the year	...	12
Number of Council houses approved but not commenced at end of year	...	67
Number of Private houses under construction at end of the year	...	148
Number of Private houses with detail plans approved but not commenced at end of year	...	317
Number of Private houses covered by outline approvals other than single houses	...	239
Number of conversions completed	...	2
Number of conversions in progress at end of year	...	11
Number of conversions approved but not started	...	10
Number of houses under construction by other authorities	...	Nil

Total building since the War

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

Council houses	...	896
Housing Associations	...	12
Private houses	...	1,206
Essex County Council	...	28
		<hr/>
		2,142

Private Building

The number of houses built was only 14 less than in the previous year, despite the fact that no building work was possible during the first three months of the year. 157 of the total of 170 were in the six parishes of Great Dunmow, Felsted, Little Hallingbury, Hatfield Broad Oak, Takeley and Thaxted.

Council Houses

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

Pre-War houses	...	670
Cottages purchased post-war	...	11
Post-War houses	...	903
		<hr/>
		1,584

12 houses have been sold to tenants (7 pre-war houses and 5 post-war houses).

The houses by types are as follows:-

1-bed houses	...	2
2-bed houses	...	163
3-bed houses	...	1,121
3-bed house/shop	...	1
4-bed houses	...	39
1-bed bungalows	...	81
2-bed bungalows	...	117
1-bed flats	...	4
2-bed flats	...	56

Housing Applications

There were 345 applications for Council houses at 31st December.

During the year there were 53 re-lettings.

Housing Programme

Out of the programme of 48 dwellings approved for the year 1962 36 had been completed and 12 were in various stages of construction.

A further programme of 98 dwellings had been approved for 1963/4 and by the end of the year a tender for 28 dwellings at Barnston had been approved and tenders for a further 42 dwellings had been received for submission to the Ministry for approval.

Housing Act, 1957 - Slum Clearance Programme

Further meetings of the Slum Clearance Committee were held during the year when it was reported that out of the Council's original clearance proposals approved for the 10 year period from 1955, comprising 767 dwellings, only 220 now remained to be dealt with and of these, 113 were virtually closed by reason of Undertakings not to relet given by the owners.

15 dwellings were demolished during the year.

Further action both under the Housing Acts and Section 27 of the new Public Health Act, 1961 was agreed to see that the Council's proposals were completed by the end of the 10 year period in December, 1965.

I give below a tabular statement setting out the 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)	...	176
	(b)	Number of inspections made for the purpose	...	221
(2)	(a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Regulations.	...	85
	(b)	Number of inspections made for the purpose	...	130
(3)		Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	9
(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	...	13

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	...	8
-----------------------------------------------------------------------------------------------------------------------------	-----	---

3. Action under Statutory Powers during the year

A - Proceedings under Public Health Acts, 1936 and 1961

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	13
(2)	Number of dwelling houses in which defects were remedied after service of formal notices:		
	(a) By owners	...	20
	(b) By Local Authorities in default of owners	...	Nil

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. | ... | 5 |
| (2) Number of dwelling houses which were rendered fit after service of formal notices:- | | |
| (a) By owners | | Nil |
| (b) By Local Authorities in default of owners | | Nil |

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 | ... | Nil |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders | ... | 1 |
| (3) Number of written undertakings accepted | ... | 15 |

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

- | | | |
|-----------------------------------|-----|-----|
| (1) Number of Closing Orders made | ... | Nil |
| (2) Number of houses demolished | ... | 14 |

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

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

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

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

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

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

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

- | | | |
|------------------------------------------------|-----|---|
| (1) Licences in force for temporary occupation | ... | 1 |
|------------------------------------------------|-----|---|

4. Overcrowding - Part IV, Housing Act, 1957

No action was necessary during the year

Improvement and Housing Grants

Grants under the Housing (Financial Provisions) Act, 1958, and House Purchase Act, 1959, as amended by Housing Act, 1961, were approved during the year as follows:-
Grants

Discretionary grants for 60 private dwellings totalling £21,686, and
Standard Grants for 32 dwellings for the maximum of £4,275.

Agricultural dwellings

2 applications were made for the £10 per annum grant and were approved.

Rent Act, 1957

No action was necessary during the year concerning certificates of disrepair.

Connections to sewer - Public Health Act, 1936

29 statutory notices under Section 47 were served requiring premises to be connected to the sewer together with 11 joint notices under the Public Health and Water Act for water supply to be taken into the property.

8 applications for a grant of half the expenses for closet conversation and connection to the sewer were approved.

Means of Escape from Fire

Action was taken during the year under section 60 of the Public Health Act, 1936, requiring the owners of Downham School, Hatfield Heath, to provide satisfactory means of escape from fire.

Ruinous or Dilapidated Buildings

A number of visits were made to dilapidated buildings under Section 27 of the 1961 Public Health Act and appropriate action was taken.

INSPECTION AND SUPERVISION OF FOOD

MEAT INSPECTION

Slaughtering was carried out regularly during the year at the Durmow Bacon Factory and at the 7 private slaughterhouses in the District.

Carcases inspected and condemned:

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
No. Slaughtered	4,717	84	168	6,619	59,896	-
No. inspected	4,717	84	168	6,619	59,896	-
<u>All diseases except</u>						
<u>Tuberculosis and</u>						
<u>Cysticerci</u>						
Whole Carcasses condemned	2	2	2	5	98	-
Carcases of which some part or organ was condemned	256	19	16	58	17,467	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	5.4%	22.6%	9.4%	0.87%	29.1%	-
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	41	-
Carcases of which some part or organ was condemned	-	-	-	-	688	-
Percentage of the number inspected affected with tuberculosis	-	-	-	-	1.2%	-
<u>Cysticercosis</u>						
Carcases of which some part or organ was condemned	8	-	-	-	-	-
Carcases 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.

The bulk of the meat inspected was for consumption outside the District.

Slaughter of Animals

The number of licences at the end of the year was

Private slaughterhouses	...	8
Knackers' Yards	...	1
Licensed slaughtermen	...	36

Slaughterhouses

All the slaughterhouses were inspected by the Veterinary Inspector of the Ministry of Agriculture & Fisheries in October and letters were subsequently addressed to all owners asking that the remaining contraventions under the Slaughterhouses (Hygiene) Regulations be dealt with without delay.

Knackers' Yards

There was one knackers' yard in operation during the year, at Little Hallington and the statutory returns under the Slaughter of Animals (Prevention of Cruelty) Regulations, 1958, revealed that 28 horses, 209 cattle and 1,052 pigs and sheep were slaughtered during the year.

OTHER FOOD

During the year the following foodstuffs were found to be unfit for human consumption and were condemned.

Lamb Livers	4 tins (10 lb)	Rump	35 lbs.
Garmon	22 $\frac{1}{2}$ lbs.	Corned Beef	1 tin (6 lb.)
Potatoes	6 tons 4 cwts.	Chopped Pork	3 tins (4 lb.)
Sliced Peaches	24 tins (15oz.)	Pressed Ham	7 tins (4 lb.)
	96 Lettuces		

Game

9 persons were licensed under the Local Government Act, 1894, to deal in Game.

Milk

8 inspections were made of the dairies in the District. No samples of Milk were taken during the year.

There were 18 persons registered in the District as Distributors of Milk and 9 Dairies (not being Dairy Farms) were also registered.

Ice Cream

There are 121 premises registered under Section 16 of the Food and Drugs Act, 1955, for the storage and sale of ice-cream in the District; no samples were taken

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

Food premises by type of Business

Grocers and General Provisions	...	67
Bread and Confectionery	...	12
Butchers	...	12
Greengrocers and Fruiterers	...	4
Fishmongers	...	3
Sweets	...	12
Cafes and Restaurants	...	24
Public Houses and Hotels	...	66
Works Canteens	...	9
School Canteens and Cooking Centres	...	15

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

Fish Frying	...	3
Manufacture of sausages and preserved food	...	18

Food Processing Premises

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

FOOD HYGIENE

57 inspections of food premises were made during the year - no formal action was necessary.

Informal action was taken where appropriate under the Food Hygiene General Regulations of 1960.

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; facilities are available at each slaughterhouse for the sterilisation of part carcasses and offal.

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

WASTE FOOD

There was one premise licensed for the boiling of waste food for animal feeding as under:-

Claremont, Hatfield Heath

The establishment at The Cottage, Cock Green, Felsted, previously licensed, ceased to be operative by the end of the year.

ATMOSPHERIC POLLUTION

The measurement of smoke and sulphur dioxide continued during the year - the apparatus being housed at the rear of the Council Offices.

CONTROL OF INFECTION

Some 78 visits were made to premises in cases of Dysentery, and 44 specimens of faeces were taken for examination.

Disinfestation

18 properties were visited after complaints of infestation by household pests other than rats and mice. The standard form of treatment is to spray with a 5 per cent solution of D.D.T., or to use Gammexane Smoke Generators.

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

AGRICULTURAL PREMISES

The Agriculture (Safety, Health and Welfare Provisions) Act, 1956, was introduced to require owners or occupiers of farms to provide sanitary conveniences for their agricultural workers. The Act also provided for the provision of washing facilities and this was the responsibility of the Ministry of Agriculture, Fisheries and Food. There are various other provisions of this Act but the only ones with which this Council are concerned are Sections 3 and 5 dealing with sanitary conveniences. No action was taken under the Act during the year.

NOISE ABATEMENT

No action was taken under the Noise Abatement Act, 1960, during the year, although there were continuing complaints regarding the barking of dogs at Great Hallingbury.

PETROLEUM

At the end of the year there were 154 licences issued for the storage of petrol (including 33 filling stations), and 5 licences for the storage of Carbide of Calcium. All new installations received the necessary pressure tests.

OFFICES, SHOPS AND RAILWAY PREMISES

The Offices, Shops and Railway Premises Act, 1963, which comes into force in 1964, makes provision for the safety, health and welfare of people employed in these premises. Some 300 premises will be affected in this district when registration takes place in May next year.

ANIMAL BOARDING ESTABLISHMENTS

The Animal Boarding Establishments Act, 1963, comes into force on 1st January 1964. No person shall keep a boarding establishment for animals except under a licence granted by the Council and subject to the conditions specified therein. It is estimated that not more than ten premises will be involved.

RODENT CONTROL

The following details of action taken under the Prevention of Damage by Pests Act, 1949, are given in the form required by the Ministry of Agriculture, and Food

	Type of Property			
	Local Authority (ii)	Dwelling Houses (iii)	Agricultural (iv)	All other incl. Business Premises (v)
Number of properties in Area	14	7,062	250	497
Premises inspected as a result of notification		96	3	7
Premises inspected as a result of Survey under the Act	-	-	-	-
Total number of inspections (including re-inspections and inspections primarily for other purposes)	-	140	3	7
Number of properties found to be infested with rats (common rats)	-	75	3	7
Major infestations	-	-	-	-
Minor infestations	-	96	3	7
Number of properties found to be seriously infested with mice	-	-	-	-
Number of infested premises treated by the Council's Public Health Inspectors	-	75	3	7
Number of notices served under Section 4 of the Act.	-	1	-	-

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

Sewers

Comprehensive baiting of the Council's sewerage system was undertaken in 12 parishes.

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, 1961, 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
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by local authorities	45	4	-	-
i) Factories not included in (i) in which Section 7 is enforced by local authorities	81	4	-	-
ii) Other premises in which Section 7 is enforced by local authorities (excluding out-workers premises)	-	-	-	-
	126	8	-	-

CASES in which DEFECTS were found

Particulars	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	
Want of Cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary conveniences (S.7)	-	-	-	-	-
a) Insufficient	-	-	-	-	-
b) Unsuitable or defective	-	-	-	-	-
c) Not separate for sexes	-	-	-	-	-
Other offences (not including offences relating to out-workers)	-	-	-	-	-
Totals	-	-	-	-	-

Outworkers Section 135 No notifications of out-workers were received.

CARAVANS and other MOVEABLE DWELLINGS

I give below a table by parishes showing the licensed sites under the Caravan and Control of Development Act, 1960:-

Parishes	Sites	Caravans	Tents	Huts
Aythorpe Roding	1	1	-	-
Barnston	3	3	-	-
Little Canfield	2	2	-	-
Great Dunmow	2	3	-	-
Great Easton	1	1	-	-
Felsted	1	-	-	1
Great Hallingbury	2	3	-	-
Little Hallingbury	-	-	-	-
Hatfield Broad Oak	2	13	-	-
High Easter	2	2	-	-
Leaden Roding	-	-	-	-
Stebbing	7	10	-	-
Takeley	8	186	-	-
Thaxted	3	4	-	-
White Roding	3	4	-	-
Totals	37	232	-	1

Further applications are pending as under either for planning permission or the confirmation of discontinuance orders:-

<u>Parish</u>	<u>Sites</u>	<u>Caravans</u>
Little Canfield	1	1
Great Dunmow	1	8
Great Hallingbury	1	1
Hatfield Broad Oak	1	1
Leaden Roding	1	1
Stebbing	1	1
Takeley	1	1
Thaxted	1	1
White Roding	1	1

As will be seen the vast majority of the caravans are situated on the three in Takeley.

A further survey of gypsies and other itinerant caravan dwellers was carried out during November and 31 caravans were found on unlicensed sites.

At the end of the year the list of conditions attached to caravan site licenses is in process of revision with a view to increasing the control over caravans.

OTHER PUBLIC HEALTH MATTERS

Shops

Few visits under the Shops Act, 1950, were carried out during the year. There are 178 shops entered in the Council's registers. One exemption certificate was issued.

Rag Flock/Pet Animals

There are no establishments in the district which come within the provisions of the Rag Flock and Other Filling Materials Act, 1951, and there are no licensed pet shops under the Pet Animals Act, 1951.

Heating Appliances

Your Inspectors are authorised officers for the inspection and testing of appliances under the Heating Appliances (Fireguards) Act, 1952, and the inspection and testing of Oil Burners under the Oil Burners (Standards) Act, 1960, and Oil Heaters Regulations, 1962. No inspections were carried out 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 20 burials has been arranged by the Council since the passing of the Act.

National Assistance Act, 1948 - Section 47

It was not necessary to exercise the Council's powers under this Act to move any aged person during the year.

Hairdressers and Barbers

New byelaws for the control of the establishments of hairdressers and barbers have been made under the Public Health Act, 1961.

Common Lodging Houses

There are none of these establishments in the district.

Protection of Birds

Under the Protection of Birds Act, 1954, should the Secretary of State establish a bird sanctuary in the district then this Council would have the responsibility for taking action in cases of any offences caused - no sanctuary has so far been established.

Riding Establishments

As far as I know there are no riding establishments in the district but the County Council have asked to be informed under the Riding Establishments Act, 1939, should any complaints concerning such establishments be received.

Schools and Courses

Your Deputy Inspector, Mr. Gwynn, attended a weekend school for Public Health Inspectors at Folkstone in April and gave a full and interesting report to the Committee.

Publicity

In conjunction with the anti-litter drive considerable publicity was given to the Keep Britain Tidy campaign.

Bakehouses

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

BYELAWS

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

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, including

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

byelaws for smoke prevention.

byelaws for thermal insulation and flue pipes.

Byelaws for the sanitary conditions and management of private slaughterhouses.

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

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

Byelaws as to Hairdressers and Barbers.

NEW LEGISLATION

The following Acts and Orders affecting the Council or of interest to them received the Royal Assent during the year:-

Animal Boarding Establishments Act, 1963.

Offices, Shops and Railway Premises Act, 1963.

Weights and Measures Act, 1963.

Meat Inspection Regulations 1963.

Animals (Cruel Poisons) Regulations, 1963.

The Liquid Egg (Pasteurization) Regulations, 1963.

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- Building Byelaws, including
- Byelaws for the protection of water fittings from frost.
- Byelaws for smoke prevention.
- Byelaws for thermal insulation and fire pipes.
- Byelaws for the sanitary conditions and management of private establishments.
- Byelaws for the sanitary conditions, management and keeping of records for kennels, yards.
- Byelaws for preventing waste, undue consumption, misuse or contamination of water.
- Byelaws for public houses and bars.

NEW LEGISLATION

The following Acts and Orders affecting the Council or of interest to them received the Royal Assent during the year:-

- Animal Boarding Establishments Act, 1965.
- Cinema, Shops and Railway Premises Act, 1965.
- Weights and Measures Act, 1965.
- Meat Inspection Regulations, 1965.
- Animals (Crucif. Poisoning) Regulations, 1965.
- The Laid Egg (Fertilisation) Regulations, 1965.

