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CHELMSFORD  
RURAL DISTRICT COUNCIL

# Annual Report

OF THE

MEDICAL OFFICER of HEALTH

AND

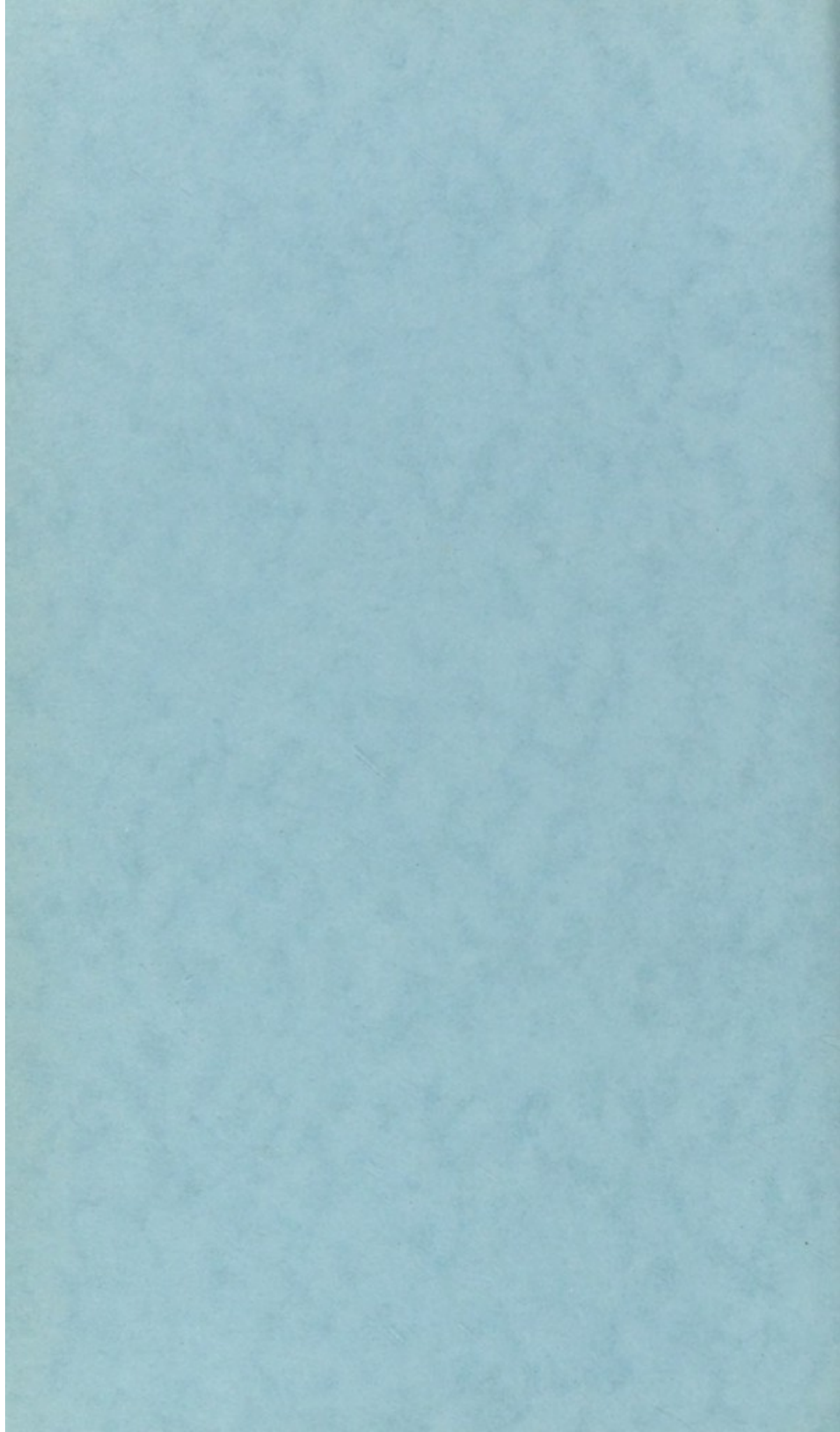
CHIEF PUBLIC HEALTH INSPECTOR

FOR

1960



*[Signature]*





CHELMSFORD  
RURAL DISTRICT COUNCIL

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**Annual Report**

OF THE

**MEDICAL OFFICER of HEALTH**

AND

**CHIEF PUBLIC HEALTH INSPECTOR**

FOR

**1 9 6 0**

## STAFF

*Clerk of the Rural District Council : C. A. Bohannon.*

*Deputy Clerk of the Rural District Council : A. J. Little, LL.B.,  
D.P.A.*

## PUBLIC HEALTH DEPARTMENT

*Medical Officer of Health : T. D. Blott, B.Sc., M.B., B.S., D.P.H.,  
Barrister-at-Law (also Medical Officer of Health to Borough of  
Maldon & Maldon Port Health Authority, Urban District of  
Burnham-on-Crouch, Rural District of Maldon, and Assistant  
County Medical Officer, Essex County Council).*

*Clerk to Medical Officer of Health :*

Mrs. E. M. Renzelman (part-time).

## CHIEF HEALTH INSPECTOR'S DEPARTMENT

*Chief Health Inspector and Director of Public Cleansing :*

A. Denton Ogden, M.B.E.,  
F.R.S.H., F.A.P.H.I., Hon. F.A.P.H.A.\*

*Deputy Chief Health Inspector :*

T. H. C. Bartrop, F.R.S.H., M.A.P.H.I.\*

*Health Inspectors :*

L. G. Smart, M.R.S.H., M.A.P.H.I., A.M.I.P.H.E.\*

F. B. Brewster, A.R.S.H.

R. F. S. Musgrave, M.A.P.H.I.\*

*Public Cleansing Inspector :*

E. J. Moore.

*Clerical Staff :*

R. H. Hawkes.

Mrs. A. B. Fleming.

\* Qualified Inspectors of Meat and other Foods, Royal Society of  
Health,



(3)

Council Offices,  
New London Road,  
Chelmsford.

November, 1961

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

Mr. Chairman, Ladies and Gentlemen,

I present for your consideration my seventh Annual Report covering the year 1960.

During the year the increase in building activity has continued and a number of parishes are becoming urbanised. In spite of the excellent work being done by Town and Country Planning on avoiding obvious eyesores, in many cases, I fear, we are building the slums of the future. Too little regard is given to the suitability of sites, as to drainage, accessibility of shops, transport, etc., the natural and proper desire of old people to dwell amongst the scenes and friends of the noontide life being largely ignored.

A good example of the left hand of the administrator not knowing what the right hand is doing can be seen in the excellent school dental service being swamped by children requiring treatment for carious teeth, whilst school tuck shops seem to be flourishing as never before. Surely apples and carrots would be a better accompaniment of school milk than toffees and chocolates.

This year saw the retirement of your Chief Public Health Inspector, Mr. Denton Ogden and his place has been taken by Mr. T. H. Bartrop. I feel, therefore, that we can look forward to serving our ever growing public in the same tradition as built up in the past.

I have the honour to be, Ladies and Gentlemen,

Your obedient servant,

T. D. BLOTT.

## PUBLIC HEALTH COMMITTEE

The Public Health Committee consisted of all the members of the Council (49 in number) and met on the second Tuesday of each month. The Council meeting is held on the fourth Tuesday in each month.

*Chairman of Public Health Committee:* Mrs. A. L. Mitchell.

*Vice-Chairman of Public Health Committee:* Mr. W. H. Orr.

### LIST OF COMMITTEES OF THE COUNCIL:

General Purposes and Staffing.

Finance.

Buildings and Planning.

Public Health.

Housing.

Building Contracts.

Re-Housing.

Slum Clearance.

Estates Management.

Drainage and Water.

Fuel and Lighting Advisory.

Community Centres.

Council and Staff Joint.

Civil Defence.

Reception (Civil Defence).

Town and Country Planning Act, 1954—Section 33.

*The Council is represented on the:—*

Chelmsford Joint Sewerage Committee.

South-East Essex Superannuation Joint Committee.

Chelmsford Borough and Rural District Road Safety Committee.

East Central-Essex Area Planning Sub-Committee.

Chelmsford and District Care Association for Tuberculosis and other Diseases of the Chest.



Chelmsford and District Youth Committee.  
Essex County Branch, Rural District Councils' Association.  
Divisional Executive Education Committee.  
Mid-Essex Health Area Sub-Committee.  
Old People's Committee.  
Chelmsford Hospital House Committee.  
Essex Boroughs and District Councils' Association.  
Eastern Regional Executive Committee (National Housing  
and Town Planning Council).  
Citizens' Advice Bureau Sub-Committee.  
Standing Conference Civil Defence.  
Civil Defence Joint Advisory Committee.  
Town Development Co-ordinating Committee.

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### **National Assistance Act, 1948**

*Section 47.* This section is concerned with the removal of aged and infirm persons from their homes when they are not receiving adequate care and attention. In most cases after the position has been explained to them, the persons concerned consent to leave home voluntarily, but sometimes legal action is necessary as a last resort.

*Section 50.* The Council has the duty to arrange the burial or cremation of the body of any person who has died or is found dead in its area, when no other suitable arrangements can be made.

From 1948 to 1959, forty-three such burials were arranged and during 1960 arrangements were made for the burial of one person.



## Clinics and Treatment Centres Administered

### by the Essex County Council

#### MATERNITY AND CHILD WELFARE CENTRES

Centre	Address	Sessions (Monthly)
Great Baddow ...	Parish Hall ... ..	Mondays, 2 p.m.
Galleywood ...	Keene Memorial Hall ...	Each Tuesday, 2 p.m.
Little Baddow ...	Memorial Hall ... ..	Last Tuesday, 2 p.m.
Boreham ...	Village Hall ... ..	3rd Tuesday, 2 p.m.
Broomfield ...	Church Room ... ..	1st and 3rd Thursdays, 2 p.m.
Chignal Smealey	Congregational Church Room ... ..	4th Monday, 2.30 p.m.
Danbury ...	Village Hall ... ..	1st and 3rd Thursdays, 2 p.m.
East Hanningfield	Women's Institute Hall	1st Tuesday, 2 p.m.
Downham ...	Women's Institute Hall, Downham ... ..	1st Friday, 2 p.m.
Highwood ...	New Village Hall ...	4th Wednesday, 2.30 p.m.
Ingatestone ...	Working Men's Club ...	2nd and 4th Fridays, 2 p.m.
Great Leighs ...	Village Hall ... ..	2nd Tuesday, 2.30 p.m.
Mountnessing ...	Village Hall ... ..	2nd Thursday, 2 p.m.
Rettendon ...	Village Hall ... ..	2nd Wednesday, 2 p.m.
Stock ... ..	Congregational School-Room ... ..	3rd Thursday, 2 p.m.
Great Waltham ...	Village Hall ... ..	3rd Tuesday, 2 p.m.
Little Waltham ...	Chapel Schoolroom ...	1st Tuesday, 2 p.m.
Woodham Ferrers	Village Hall ... ..	2nd Monday, 2 p.m.
South Woodham	Village Hall ... ..	1st Monday, 2 p.m.
Writtle ... ..	Village Hall ... ..	2nd and 4th Tuesdays, 2.30 p.m.
Runwell ... ..	Village Hall ... ..	1st and 3rd Tuesdays

#### ANTE-NATAL CLINICS

The New Writtle Street Clinic, Tuesday, 2 p.m.

Women's Welfare and Ante-Natal Clinic. Coval Lane, Chelmsford. Thursday mornings.

#### IMMUNISATION CLINIC

Coval Lane Clinic, Chelmsford. 2nd Monday, 2 p.m. - 4 p.m.

#### MINOR AILMENT CLINIC

Coval Lane Clinic, Chelmsford. Monday, 9 a.m. - 11 a.m.

OPHTHALMIC CLINIC, DENTAL CLINIC, CHILD GUIDANCE CLINIC, SPEECH CLINIC, CHIROPODY CLINIC (for elderly persons)

These clinics are held by appointment and full details can be obtained from the Area Medical Officer, 75, Springfield Road, Chelmsford.

#### OTHER CLINICS, etc:—

##### TUBERCULOSIS DISPENSARY

Broomfield Hospital, Broomfield. Mondays and Wednesdays, 10 a.m. - 12 noon.

##### VENEREAL DISEASES

Treatment is available at:—

(a) The New Writtle Street Clinic, Wednesday 3.30 p.m. to 6 p.m., Friday 10.15 a.m. to 12.15 p.m.

(b) Chelmsford and Essex Hospital, London Road, Chelmsford.

(b) Essex County Hospital, Colchester.

Patients are seen at V.D. Clinics without letters from their private doctors and without appointments.

##### FAMILY PLANNING CLINIC

Coval Lane Clinic, Chelmsford. Tuesday evenings.

##### HOSPITALS

The Hospitals in the area belong to No. 18 Group North-East Metropolitan Hospital Board.

AMBULANCE FACILITIES are provided by the Essex County Council.

##### MORTUARIES

Situate at:—

(a) St. John's Hospital, Chelmsford.

(b) Chelmsford & Essex Hospital, Chelmsford.

(c) Isolation Hospital, Great Baddow (Infectious Diseases).

##### LABORATORY FACILITIES

These services are used by arrangement with the Essex County Council.



## INFECTIOUS DISEASES (OTHER THAN TUBERCULOSIS) NOTIFIED DURING THE YEAR

Infected Diseases	Total Cases Notified	Under 1	1-2	2-3	3-4	4-5	5-9	10-14	15-24	25 & over
Measles ... ..	28	1	—	1	3	6	14	3	—	—
Acute Polio-Paralytic ...	2	—	—	—	—	—	—	—	—	2
„ „ -non-Paralytic ...	—	—	—	—	—	—	—	—	—	—
Pneumonia ... ..	3	—	—	—	—	—	—	—	—	3
Food Poisoning ... ..	8	—	—	—	3	1	—	1	1	2
Erysipelas ... ..	3	—	—	—	—	—	—	—	—	3
Scarlet Fever ... ..	43	—	—	2	4	3	30	4	—	—
Whooping Cough ... ..	41	2	6	1	4	—	22	5	1	—
Dysentery ... ..	19	1	1	—	—	1	8	4	—	4
Puerperal Pyrexia ... ..	1	—	—	—	—	—	—	—	—	1
TOTALS ... ..	148	4	7	4	14	11	74	17	2	15

## TUBERCULOSIS

The following table gives particulars of new cases of Tuberculosis during the year.

Age Periods	*New Cases			
	Respiratory		Non-Respiratory	
	M.	F.	M.	F.
Under 5 ... ..	—	—	—	—
5—14 ... ..	—	2	—	2
15—24 ... ..	—	1	—	—
25—44 ... ..	4	7	—	—
45—64 ... ..	3	1	—	—
65 & over ... ..	—	—	—	—
TOTALS ... ..	7	11	—	2

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

The number of deaths from respiratory tuberculosis was one. There were no deaths from non-respiratory tuberculosis.

Tuberculosis patients can, under certain circumstances, obtain financial help by way of grants for milk, food, clothing and other needs on application to the Hon. Secretary of the Chelmsford and District Care Association for Tuberculosis and other Chest Diseases, Mr. R. H. Hawkes, c/o R.D.C. Offices, 88 New London Road, Chelmsford.

## FOOD POISONING OUTBREAKS

Total number of outbreaks	Number of cases	Number of deaths	Organisms or other agents responsible, with number of outbreaks attributed to each	Foods involved, with number of outbreaks associated with each food
2	8	NIL	No specific organism isolated	No specific food identified



### WATER SUPPLY

The following is a summary of the water supplies from the *Council's mains* for the year ending 31st *March*, 1961.

Total amount of water supplied	...	594,789,000	gallons
Total length of water mains in use	...	252.93	miles
Total number of supplies afforded	...	15,057	
Total number of metered supplies	...	1,730	
New supplies afforded	...	739	
New mains laid	...	7.87	miles
Mains renewed	...	1.36	miles
Number of burst mains repaired	...	72	
Number of burst service pipes repaired	...	108	

It was not necessary to cart any water to individual properties during the year.

In addition to the water supplied from the Council's mains, a total of 25,900,000 gallons was supplied by the Southend Waterworks Company to the parish of Mountnessing, part of the parish of South Hanningfield and a small part of the parish of Woodham Ferrers during the year 1st January to 31st December, 1960.

*Copy of a Recent Analysis of Water from the Southend  
Waterworks Company's Mains*

(CHEMICAL RESULTS IN PARTS PER MILLION)

Appearance	...	...	...	Bright with a very slight deposit
Turbidity (Silica Scale)	...	...	...	Less than 3
Colour A.P.H.A.	...	...	...	4
Odour	...	...	...	Nil
Reaction pH	...	...	...	8.0
Free Carbon Dioxide	...	...	...	Trace
Electric Conductivity	...	...	...	580
Dissolved Solids dried at 180°C	...	...	...	385
Chlorine present as Chloride	...	...	...	78
Alkalinity as Calcium Carbonate	...	...	...	50
Hardness: Total	...	...	...	120
Carbonate	...	...	...	50
Non-Carbonate	...	...	...	70
Nitrate Nitrogen	...	...	...	1.8
Nitrite Nitrogen	...	...	...	Approx. 0.01
Ammoniacal Nitrogen	...	...	...	0.056
Albuminoid Nitrogen	...	...	...	0.072
Oxygen Absorbed	...	...	...	1.3
Residual Chlorine	...	...	...	0.03 at sampling
Metals: Zinc, copper and lead	...	...	...	Absent
Iron	...	...	...	0.03

### BACTERIOLOGICAL RESULTS

Number of Colonies developing on Agar per ml. in:—

1 day at 37°C	=	0
2 days at 37°C	=	1
3 days at 20°C	=	8

Presumptive Coliform Reaction	Absent from 100ml.
Bact. coli (Type 1) ... ..	Absent from 100ml.
Cl. Welchii Reaction ... ..	Absent from 100ml.

This sample is practically clear and bright in appearance, has a reaction on the alkaline side of neutrality and is free from metals apart from a negligible trace of iron. The hardness of the water is very moderate and it 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 pure and wholesome water suitable for public supply purposes.



# **SOUTH ESSEX WATERWORKS COMPANY**

## **ANALYSES OF PURIFIED WATER AT LANGHAM AND LAYER-DE-LA-HAYE**

(CHEMICAL RESULTS IN PARTS PER MILLION)

	Langham Works	Layer-de-la-Haye Works
	(Average of Weekly Analyses)	(Average of Weekly Analyses)
Total Dissolved Solids ...	518	425
pH Value ... ..	7.78	7.80
Residual Chlorine, Cl. ...	0.25	0.28
Chlorides, Cl. ... ..	55	47
Nitrate Nitrogen ... ..	4.10	2.93
Nitrite Nitrogen ... ..	0.001	Nil
Hardness, non-carbonate ...	141	159
„ carbonate ... ..	226	127
„ total ... ..	367	286
Free Ammonia (NH <sub>3</sub> ) ...	0.18	0.14
Albuminoid Nitrogen ...	0.10	0.13
Oxygen Absorbed (4hrs./27°C)	1.26	1.38
Iron (Fe) ... ..	0.02	0.01

### **Bacteriological Examinations**

No. of Tests during year	317	312
% of samples which were free from Bact. Coli (Type 1) in 100 ml. ... ..	100.0	100.0
% of samples which were free from Coliform bacteria in 100 ml. ... ..	99.6	100.0
Maximum count of Coliform bacteria per 100 ml. ...	1	—

## **STREET LIGHTING**

Street lighting is provided in the following parishes:—

Great Baddow.  
Broomfield.  
Danbury.  
Ingatestone.  
Great and Little Leighs.  
Margaretting.  
Mountnessing.  
Rettendon.  
Roxwell.  
Runwell (administered by Parish Council).  
Springfield.  
Stock.  
Great Waltham (administered by Parish Council).  
Little Waltham.  
Writtle.

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## **SEWERAGE**

Sewers are provided in the more populous areas of the following parishes:—

Great Baddow (including Galleywood).  
Broomfield.  
South Hanningfield (Ramsden Heath area).  
Ingatestone and Fryerning.  
Mountnessing.  
Roxwell.  
Runwell.  
Great Waltham.  
Little Waltham.  
Writtle.

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## **TOWN AND COUNTRY PLANNING**

The Rural District is within the area of the East Central Essex Planning Committee.

The Council, under delegated powers from the Essex County Council, deals with applications for permission to develop.



## HOUSING

## NUMBER OF HOUSES ERECTED DURING 1960

<i>Parish</i>	<i>Council</i>	<i>Private</i>
Great Baddow (inc. Galleywood) ...	32	156
Little Baddow ...	—	11
Boreham ...	3	1
Broomfield ...	—	13
Chignal ...	2	1
Danbury ...	—	16
Good Easter ...	—	—
East Hanningfield ...	—	—
South Hanningfield ...	—	42
West Hanningfield ...	—	2
Highwood ...	—	1
Ingatestone and Fryerning ...	2	45
Great and Little Leighs ...	—	1
Margaretting ...	13	—
Mashbury ...	—	—
Mountnessing ...	5	3
Pleshey ...	—	1
Rettendon ...	—	2
Roxwell ...	6	10
Runwell ...	—	41
Sandon ...	—	7
Springfield ...	—	—
Stock ...	4	13
Great Waltham ...	3	5
Little Waltham ...	3	2
Woodham Ferrers ...	—	6
Writtle ...	—	32
Totals ...	73	411

Since 1946, 2,011 Council houses and 2,968 private houses have been erected in the District,

**STATISTICS AND SOCIAL CONDITIONS OF THE AREA**

Area (acres) ... .. 86,506 (land and inland waters)

Home Population (estimated,  
June, 1960) ... .. 44,960

Number of houses, mid-1960 ... 14,694

Census population, 1951 ... 39,258  
(males 18,814, females 20,444)

The rateable value of the district for the half-year commencing  
1st April, 1960 was £461,026.

The sum represented by a penny rate, year ended  
31st March, 1960 ... .. £1,832 4 11

Live births (Male 422, Female 398) ... .. 820

Live birth rate per 1,000 population ... .. 18.23

Illegitimate live births per cent of total live births 5.48

Still births ... .. 17

Still birth rate per 1,000 live and still births ... 20.31

Total live and still births ... .. 837

**Infant Mortality Rates**

Total infant deaths per 1,000 total live births 18.29

Neo-Natal Mortality Rate (deaths under 4 weeks  
per 1,000 total live births) ... .. 12.19

Early Neo-Natal Mortality Rate (deaths under  
1 week per 1,000 live births) ... .. 9.75

Perinatal Mortality Rate (still births and deaths  
under 1 week combined per 1,000 total live  
and still births) ... .. 29.8



Maternal deaths (including abortion) ... ..	Nil
Maternal mortality rate per 1,000 live and still births ...	Nil
Deaths:— Male 260 } Crude death rate per 1,000 Female 242 } of estimated resident popu- Total 502 } lation ... ..	11.16
Registrar General's Comparability Factor of { Births 1.02 Deaths 0.90	
Corrected Death Rate ... ..	10.95
Death Rate for England and Wales ... ..	11.5
Number of deaths under one year of age ... ..	15
Number of deaths under 4 weeks of age ... ..	10

Natural increase of population, namely the excess in the number of live births over the number of deaths since 1943 is shown in the following tabular statement.

Year	Number of Births	Deaths	Increase
1943	584	387	197
1944	670	427	243
1945	586	358	228
1946	693	396	297
1947	770	428	342
1948	726	371	355
1949	690	391	299
1950	642	405	237
1951	589	413	176
1952	590	402	188
1953	641	470	171
1954	602	455	147
1955	666	514	152
1956	680	499	181
1957	738	523	215
1958	783	484	299
1959	749	504	245
1960	830	502	318

The following table classifies the deaths according to  
cause and sex

Cause of Death	Males	Females	Totals
Tuberculosis, respiratory ... ..	1	—	1
Tuberculosis, other ... ..	—	—	—
Syphilitic disease ... ..	—	—	—
Diphtheria ... ..	—	—	—
Whooping Cough ... ..	—	—	—
Meningococcal infections ... ..	—	—	—
Acute poliomyelitis ... ..	—	—	—
Measles ... ..	—	—	—
Other infective and parasitic diseases ... ..	—	—	—
Malignant neoplasm, stomach ... ..	9	4	13
Malignant neoplasm, lung, bronchus ... ..	14	4	18
Malignant neoplasm, breast ... ..	—	10	10
Malignant neoplasm, uterus ... ..	—	5	5
Other malignant and lymphatic neoplasms ... ..	19	23	42
Leukaemia, aleukaemia ... ..	2	2	4
Diabetes ... ..	—	2	2
Vascular lesions of nervous system ... ..	24	35	59
Coronary disease, angina ... ..	68	41	109
Hypertension with heart disease ... ..	5	6	11
Other heart disease ... ..	22	27	49
Other circulatory disease ... ..	12	18	30
Influenza ... ..	1	—	1
Pneumonia ... ..	17	19	36
Bronchitis ... ..	8	4	12
Other diseases of respiratory system ... ..	2	1	3
Ulcer of Stomach and duodenum ... ..	2	1	3
Gastritis, enteritis and diarrhoea ... ..	—	2	2
Nephritis and nephrosis ... ..	1	1	2
Hyperplasia of prostate ... ..	8	—	8
Pregnancy, childbirth, abortion ... ..	—	—	—
Congenital malformations ... ..	4	3	7
Other defined and ill-defined diseases ... ..	26	27	53
Motor vehicle accidents ... ..	4	—	4
All other accidents ... ..	5	6	11
Suicide ... ..	6	1	7
Homicide and operations of war ... ..	—	—	—
All causes ... ..	260	242	502



The deaths classified according to age were as follows:—

	Number of Deaths							
	Occurring in district		Of non-residents occurring in district		Of residents occurring outside district		Allotted to district	
	M	F	M	F	M	F	M	F
Under 1 year ... ..	3	1	1	—	7	5	9	6
1 and under 2 ... ..	2	—	1	—	—	1	1	1
2 " " 5 ... ..	—	—	—	—	—	—	—	—
5 " " 15 ... ..	—	1	—	—	1	2	1	3
15 " " 25 ... ..	3	—	—	—	2	—	5	—
25 " " 35 ... ..	1	4	1	3	4	1	4	2
35 " " 45 ... ..	2	4	1	1	8	3	9	6
45 " " 55 ... ..	17	7	7	2	6	9	16	14
55 " " 65 ... ..	33	18	8	6	14	13	39	25
65 " " 75 ... ..	57	36	20	12	22	22	59	46
75 and over ... ..	57	94	16	25	56	56	97	125
Totals ... ..	175	165	55	49	120	112	242	228

## RURAL DISTRICT COUNCIL OF CHELMSFORD

	Number of Dwellings (mid-1960)	Estimated Population (mid-1960)
Great Baddow ... ..	2,812	8,604
Little Baddow ... ..	364	1,114
Boreham ... ..	442	1,352
Broomfield ... ..	794	2,429
Chignall ... ..	131	401
Danbury ... ..	1,054	3,225
Good Easter ... ..	134	410
East Hanningfield ... ..	143	438
South Hanningfield ... ..	536	1,640
West Hanningfield ... ..	209	639
Highwood ... ..	200	612
Ingatestone and Fryerning ... ..	1,128	3,451
Great and Little Leighs ... ..	350	1,071
Margaretting ... ..	284	869
Mashbury ... ..	43	132
Mountnessing ... ..	452	1,383
Pleshey ... ..	122	373
Kettendon ... ..	427	1,306
Roxwell ... ..	395	1,209
Runwell ... ..	898	2,748
Sandon ... ..	301	921
Springfield ... ..	160	490
Stock ... ..	494	1,511
Great Waltham ... ..	636	1,946
Little Waltham ... ..	365	1,117
Woodham Ferrers ... ..	768	2,350
Writtle ... ..	1,052	3,219
	14,694	44,960



## ANNUAL REPORT

of

The Chief Health Inspector

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

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you the Annual Report for the year 1960.

As in previous years, the comments upon details of the work involved are made in the appropriate sections of the Report.

The maintenance of a one hundred per cent inspection service continued to demand considerable overtime work on the part of your Meat Inspectors because of evening, week-end and Bank Holiday slaughtering, as well as an increasing proportion of their normal working hours.

The total number of animals slaughtered during the year was 65,780, compared with 61,916 in 1959 and 52,555 in 1958.

The Department records its appreciation and thanks to the Chairman and Members of the Public Health Committee for their support and understanding during the year and to Dr. Blott, your Medical Officer of Health, for his friendly help and ready co-operation at all times.

This Report was prepared after the retirement in January, 1961, of your former Chief Health Inspector, Mr. A. Denton Ogden, and thus appears inappropriately over my signature. Appreciation of Mr. Ogden's thirty-six years' service with this Council has already been paid, but I take this opportunity of recording the tribute of his staff, to whom he was not only a greatly respected chief but also, at all times, a guide, counsellor and friend.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

T. H. C. BARTROP.



## INSPECTION WORK CARRIED OUT BY THE HEALTH INSPECTORS

The following tabular statement gives details of the housing work carried out 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)	113
(b) Number of inspections and re-inspections made for the purpose	419
(2) Number of dwelling-houses included under sub-heading (1) above which were inspected and recorded under the Housing Consolidated Regulations	10
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	18
(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	59
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	68
3. Action under Statutory Powers during the year:—	
Proceedings under Public Health Acts:—	
(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:—	
By Owners	40
Proceedings under Sections 17 and 18 of the Housing Act, 1957:—	
(1) Number of dwelling houses in respect of which Demolition Orders were made	4
(2) Number of houses closed as a result of Closing Orders	3
(3) Number of dwelling-houses demolished in pursuance of Demolition Orders:—	
By Owners	15
(4) Number of dwelling-houses rendered fit for human habitation as a result of owners complying with undertakings to carry out works of repair	5
(5) Number of houses demolished by owners as a result of informal action	6



# INSPECTIONS AND PARTICULARS OF NOTICES FOR THE YEAR 1960.

Nature of Inspection	Total Inspections	Notices Outstanding at end of 1959	Notices Served		Notices		
			Informal	Statutory	Complied with	Cancelled	Outstanding at end of 1960
Infectious Disease Inquiries ...	13	—	—	—	—	—	—
Disinfections ...	5	—	—	—	—	—	—
Houses Inspected under Public Health or Housing Acts ...	113	44	20	—	17	6	41
Re-inspections under Housing Acts ...	207	—	—	—	—	—	—
Re-inspections under Public Health Acts ...	99	—	—	—	—	—	—
Overcrowding ...	—	1	—	—	—	—	1
Dirty Condition of Houses ...	3	1	—	—	—	1	—
Water Closets ...	50	57	15	13	44	1	40
Privies and Pail Closets ...	12	5	2	—	—	4	3
House Drainage ...	625	215	70	16	149	14	138
Other Drainage ...	69	3	9	—	9	1	2
Sewerage Scheme Surveys ...	33	—	—	—	—	—	—
Water Supply ...	80	22	4	—	4	5	17
Urinals ...	18	—	—	—	—	—	—
Piggeries ...	17	3	—	—	3	—	—
Animals Improperly Kept ...	9	—	—	—	—	—	—
Rats and Mice ...	65	1	—	—	1	—	—
Insect Pests ...	21	—	—	—	—	—	—
Tents, Vans, Sheds and Similar Structures ...	1,149	3	—	—	2	—	1
Schools ...	6	1	—	—	—	—	1
Milk Retailers' Premises and Vans ...	2	—	1	—	1	—	—
Cowsheds and Dairies ...	2	—	—	—	—	—	—
Ice Cream Premises ...	30	—	1	—	—	—	1
Bakehouses ...	19	—	1	—	—	—	1
Catering Establishments ...	68	12	2	—	5	3	6
Butchers' Shops ...	42	—	—	—	—	—	—
Other Food Shops and Premises ...	42	10	1	—	4	—	7
Slaughterhouse and Knackers Yard ...	1,331	6	2	—	—	—	8
Shops Act ...	1	—	—	—	—	—	—
Factories:—							
(a) with Mechanical Power	31	7	2	—	5	2	2
(b) without Mechanical Power ...	9	2	2	—	2	1	1
Outworkers ...	5	—	—	—	—	—	—
Swimming Pool ...	12	—	—	—	—	—	—
Rent Act ...	6	—	—	—	—	—	—
Improvement Grants ...	123	—	—	—	—	—	—
Clean Air Act ...	6	—	—	—	—	—	—
Noise Abatement Act ...	—	—	—	—	—	—	—
Public Cleansing:—							
Dustbins ...	28	15	12	—	10	—	17
Refuse Dumps ...	176	—	—	—	—	—	—
Miscellaneous ...	524	—	—	—	—	—	—
Petroleum Storage ...	64	—	—	—	—	—	—
Miscellaneous ...	248	10	9	—	7	4	8
TOTALS ...	5,363	418	153	29	263	42	295

The following table provides statistics of work done as a result of the service of Informal and Statutory Notices:—

Ashbins provided	...	...	...	...	...	...	13
Chimney stacks repaired or re-pointed	...	...	...	...	...	...	6
Ceiling plaster, repaired or renewed	...	...	...	...	...	...	7
Dampness remedied	...	...	...	...	...	...	6
Door frames, repaired or renewed	...	...	...	...	...	...	7
Eavesgutters and downspouts repaired or renewed	...	...	...	...	...	...	5
External walls repaired	...	...	...	...	...	...	6
Fireplaces and stoves, repaired or renewed	...	...	...	...	...	...	2
Floors repaired or re-laid	...	...	...	...	...	...	3
Internal wall plaster repaired or renewed	...	...	...	...	...	...	4
Roofs repaired or renewed	...	...	...	...	...	...	10
Window frames repaired	...	...	...	...	...	...	2
Miscellaneous repairs	...	...	...	...	...	...	2
Cesspool overflows abolished	...	...	...	...	...	...	11
Choked drains cleansed	...	...	...	...	...	...	8
Drainage systems altered or repaired	...	...	...	...	...	...	2
Drainage cut off from ditches, water courses, etc.	...	...	...	...	...	...	44
Foul ditches cleansed	...	...	...	...	...	...	2
Hot water units provided	...	...	...	...	...	...	4
Main water supply provided	...	...	...	...	...	...	6
Pail closet structures provided	...	...	...	...	...	...	8
Sewer connections	...	...	...	...	...	...	60
Wash-hand basins provided	...	...	...	...	...	...	1
Water closets provided	...	...	...	...	...	...	42
Water closets cleansed	...	...	...	...	...	...	—
Water closet structures repaired or renewed	...	...	...	...	...	...	1
Water closet pedestals repaired or renewed	...	...	...	...	...	...	2
Urinals repaired or cleansed	...	...	...	...	...	...	1
Miscellaneous items of work done	...	...	...	...	...	...	13



## MOVEABLE DWELLINGS

During the year, 32 licences were in force to station moveable dwellings in the District, a decrease of 11 over last year. All such dwellings were kept under observation, and were situated as follows:—

<i>Parish</i>	<i>No.</i>
Great Baddow ... ..	6
Little Baddow ... ..	3
Boreham ... ..	1
Danbury ... ..	2
South Hanningfield ... ..	1
Highwood ... ..	2
Ingatestone ... ..	1
Great Leighs ... ..	1
Margaretting ... ..	1
Mountnessing ... ..	1
Rettendon ... ..	2
Roxwell ... ..	1
Runwell ... ..	1
Springfield ... ..	1
Stock ... ..	2
Little Waltham ... ..	1
Woodham Ferrers ... ..	4
Writtle ... ..	1
—	
Total ... ..	32
—	

Five licences for sites for more than one moveable dwelling were in force during the year. Details are as follows:—

<i>Site</i>	<i>Owner</i>	<i>No. of Moveable Dwellings</i>	<i>Remarks</i>
Badger Country Club Swimming Pool, Battlesbridge, Rettendon	Badger Building Company	16	
Mill Mead, Little Baddow	F. J. May	15	Site is licensed during summer months only
Post Office Field Boreham	B. Harris	10	
Bramwoods Farm, Highwood	Mrs. E. Brown	16	
Templegrove, Bakers Lane, West Hanningfield	T. W. Packer	10	

Conditions are attached to each licence regulating the proper conduct of the site.

The Caravan Sites and Control of Development Act, 1960, came into force towards the end of the year. This Act promises to strengthen the hands of local authorities so far as the control of caravans is concerned.

### SWIMMING POOL

*Badger Country Club, Battlesbridge.* This open-air sea water swimming pool, with a capacity of 312,000 gallons, is situated about 250 yards from the Chelmsford-Southend Road on the bank of the River Crouch.

Byelaws, made under Section 233 of the Public Health Act, 1936, with respect to swimming pools and bathing pools are operative in the district. Close supervision of the pool was exercised.

### WATER ANALYSIS

Samples of water were taken by the department as follows:—

New Mains	...	...	...	40
Swimming Pools	...	...	...	3
Wells	...	...	...	4



## ADMINISTRATION OF THE FACTORIES ACT, 1937

1.—INSPECTIONS for the purpose of provisions as to health including inspections made by 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 ... ..	79	9	2	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..	105	31	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... ..	—	—	—	—
TOTAL ... ..	184	40	4	—

## 2.—CASES IN WHICH DEFECTS WERE FOUND

Particulars	Number 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.) ... ..	1	1	—	—	—
Ineffective Drainage of Floors (S.6.) ... ..	—	—	—	—	—
Sanitary Conveniences { Insufficient ...	3	6	—	—	—
(S.7.) { Unsuitable or	—	—	—	1	—
{ Defective	—	—	—	—	—
{ Not separate for sexes	—	—	—	—	—
Other Offences against the Act (not including offences relating to outwork) ...	1	—	—	—	—
TOTAL ... ..	4	7	—	1	—

# OUTWORK

Nature of Work  (1)	Section 10				Section 11		
	No. of out-workers in August list required by Sect. 110 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in some premises (5)	Notices served (6)	Prosecutions (7)	
Wearing apparel—Making, etc.	24	—	—	—	—	—	
TOTAL	24	—	—	—	—	—	



## MILK SUPPLY

The Ministry of Agriculture, Fisheries and Food is responsible for the supervision of dairy farms, and this Council, under the Milk and Dairies Regulations, 1949, for the registration of distributors (who are not also producers) of milk, and for issuing dealers' licences and supplementary licences as set out below:—

### Milk and Dairies Regulations, 1949.

Number of registered milk distributors with premises in the District ... ..	30
Number of registered milk distributors with premises outside the District ... ..	9

### Milk (Special Designation) (Raw Milk) Regulations, 1949.

Number of dealer's licences in force during the year authorising the use of the special designation:	
Tuberculin Tested ... ..	17
Number of supplementary licences in force during the year authorising the use of the special designation:	
Tuberculin Tested ... ..	6

### Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949.

Number of dealer's licences in force during the year authorising the use of the special designation:	
Pasteurised ... ..	20
Sterilised ... ..	26
Number of supplementary licences in force during the year authorising the use of the special designation:	
Pasteurised ... ..	7
Sterilised ... ..	5

**BAKEHOUSES**

The following table shows the number of bakehouses in use at the end of the year:—

<b>Great Baddow</b>	...	...	...	Carters (Gt. Baddow) Ltd.
<b>Broomfield</b>	...	...	...	G. H. Follett.
<b>Danbury</b>	...	...	...	E. Roast.
<b>South Hanningfield</b>	...	...	...	Stafford (Bakeries) Ltd.
<b>Ingatestone and Fryerning</b>	...	...	...	E. Warder. S. Raven.
<b>Rettendon</b>	...	...	...	H. and E. Benson.
<b>Great Waltham</b>	...	...	...	Bigg Bros.
<b>Little Waltham</b>	...	...	...	E. W. Amos, Ltd.
<b>Woodham Ferrers</b>	...	...	...	Taylor and Woodland.
<b>Writtle</b>	...	...	...	A. W. Hance.

**ESSEX COUNTY COUNCIL ACT, 1933****Ice Cream**

At the end of the year there were 147 registered vendors of ice cream, an increase of six over last year.

The retailers' sources of supply are investigated before certificates are issued.



### Ice Cream Sampling

Twenty-five samples of ice cream and twenty-five samples of ice lollies were submitted to the bacteriologist for examination.

All the samples were reported upon as satisfactory.

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### CONDEMNED FOODSTUFFS

The following foods were condemned as unfit for human consumption:—

	No. of tins		No. of tins
Apricots (10lb.) ...	2	Luncheon Meat (4lb.)	22
Beans ... ..	5	Oranges ... ..	7
Brisket Beef ... ..	1	Peas ... ..	1
Corned Beef (6lb.) ...	2	Pilchards ... ..	2
Corned Beef loaf ...	1	Salmon ... ..	2
Evaporated Milk ...	1	Stewed Steak ...	3
Grapefruit ... ..	2	Tomatoes ... ..	21

### Miscellaneous

	Pounds		Pounds
Imported Pears ...	28,366	Sultanas ... ..	240
New Zealand		Currants ... ..	40
Lamb Livers ...	10	Ducks and Geese ...	218
Ox Kidneys ...	78	Onions ... ..	1

## MEAT INSPECTION

A one hundred per cent meat inspection service was again maintained throughout the year. On five evenings a week, meat inspection was in operation until a late hour; on every Sunday and Bank Holiday there was no respite. This overtime was in addition to the many hours spent during normal office hours and it inevitably seriously interfered with the routine work of the department and with the normal domestic life of the Inspectors.

During the year, 65,780 animals were killed and inspected—an increase of 6.2% over last year's figure. The total weight of meat condemned was 55,173 pounds, a decrease of 26%. All condemned meat is conveyed under our supervision to the Knackers Yard of Messrs. Harrison, Barber and Company Limited, from where it is transferred to their London works for processing into glycerine, fertilisers, etc.

TABLE I

Animals inspected and number affected with disease, etc. (The figures in brackets relate to the year 1959.)

	<i>Cattle excluding Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number inspected ...	4,283 (2,785)	1,323 (1,543)	1,431 (536)	19,782 (25,612)	38,961 (31,440)
<b>ALL DISEASES EXCEPT TUBERCULOSIS</b>					
Whole carcasses condemned	3 (2)	11 (8)	8 (10)	13 (35)	34 (42)
Carcasses of which some part or organ was condemned ...	1,172 (743)	375 (483)	20 (5)	235 (760)	3,532 (2,606)
Percentage of the number inspected affected ...	27.4 (26.8)	14.1 (31.8)	1.9 (2.8)	1.2 (3.1)	9.2 (8.4)
<b>TUBERCULOSIS ONLY</b>					
Whole carcasses condemned	1 (24)	2 (19)	— (2)	— (—)	— (2)
Carcasses of which some part or organ was condemned ...	27 (202)	101 (292)	1 (13)	— (—)	639 (434)
Percentage of the number inspected affected ...	.7 (12.5)	7.8 (20.1)	.07 (2.8)	— (—)	1.64 (1.4)



In addition to the above-mentioned condemnations, 11 (four in 1959) bovine carcasses were found to be affected with the parasite *Cysticercus bovis* which causes the condition commonly known as "measly beef." The carcasses were released when we were satisfied that arrangements had been made for them to be held for three weeks in a refrigerator at 20°F. This treatment destroys the cysts provided they are not generalised in the carcase musculature as well as in the usual sites of predilection.

In the following table is set out the number of each of the various kinds of animals inspected during each of the past five years, together with the amount of meat and edible offal condemned.

TABLE II

		<i>Cattle excluding cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>	<i>Total</i>	<i>Total weight of meat condemned</i>		
								tons	cwts.	lb.
1955	...	2,096	599	445	5,672	10,716	19,528	11	6	54
1956	...	2,482	511	826	6,306	13,206	23,331	10	17	46
1957	...	3,187	462	533	9,259	18,849	32,290	13	17	88
1958	...	3,313	994	396	16,868	31,284	52,555	17	17	93
1959	...	2,785	1,543	536	25,612	31,440	61,916	33	5	78
1960	...	4,283	1,323	1,431	19,782	38,961	65,780	24	12	69

The amount of meat condemned shows an appreciable decrease compared with the amount for 1959. This was mainly due to the peak having been passed in the Tuberculosis Eradication Scheme of the Ministry of Agriculture, Fisheries and Food. The amount of tubercular meat fell to approximately one-quarter of the total.

The whole of the meat condemned was voluntarily surrendered by those concerned and it was not necessary to resort to any legal action. An amicable understanding exists between butchers and the Department and in no case has our judgment been questioned. We have also worked closely with the Veterinary Inspectors of the Ministry of Agriculture, Fisheries and Food, in their campaign to eradicate bovine tuberculosis.

**TABLE IV: Slaughterhouses**

J. Copsey and Sons., Ltd., Rothmans, High St., Great Baddow.  
L. Campen, The Street, Great Waltham.  
A. Fincham, High Street, Ingatestone.  
F. D. Mahoney, Ramsden Heath.

**Knackers Yard**

There is one in the District, erected in 1935, situate in the parish of Great Baddow.

It was inspected regularly and no cause for complaint has arisen. It is owned and administered by Messrs. Harrison, Barber and Company Limited.

The annual licence permits the slaughter of horses at these premises, but none were slaughtered there during the year.



## PUBLIC CLEANSING

### Refuse Collection

With the delivery of an additional vehicle in May, it was possible to make further improvements in the collection schedules. The frequency in the greater part of Runwell became weekly and those parishes and parts of parishes which were still on a four-weekly schedule improved to a fortnightly schedule.

The continuing shortages in the number of suitable workmen and absences through sickness, holidays and other causes were again a feature of the year and unfortunately prevented the collection schedules being adhered to on all occasions.

### Refuse Disposal

During the year, negotiations for the purchase by the Council of a disused gravel pit (approximately twelve acres in extent) at Waltham Road, Boreham, were concluded. The tip was brought into use in September.

The tip at Mayes Lane, Sandon, continued in use.

### Depot

Work on the extension of the Depot was completed in March. The Depot now consists of fourteen garages, small workshop and spare parts store, office, general store, messroom, locker room, drying room and toilets. The greater part of the yard is concreted and there is a washdown area.

### Nightsoil Collection

The weekly collection of nightsoil is carried out in the following parishes by a contractor, Mr. G. Barker, of Steeple, for the sum of £80 a quarter.

<i>Parish</i>					<i>No. of houses</i>
Rettendon					
Battlesbridge	...	...	...	...	32
Hoe Lane	...	...	...	...	14
Woodham Ferrers	...	...	...	...	78

**Transport**

The transport for the public cleansing service consisted of the following vehicles at 31st December, 1960:—

Vehicle No.	Make	Capacity in cu. yds.	Date Purchased	Mileage	
				1959	1960
3	Shelvoke & Drewry (Mark II) ...	11	1947	2,692 (est.)	2,744
4	Shelvoke & Drewry (Mark II) ...	11	1947	2,869	2,015
5	Shelvoke & Drewry (W Type) ...	11	1948	7,614	6,919
6	Shelvoke & Drewry (W Type) ...	11	1950	9,815	7,781
7	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1954	10,406	9,506
8	Ford ...	2	1956	14,589	12,956
9	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1957	7,760	7,102
10	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1957	7,900 (est.)	5,267
11	Karrier ...	7	1958	10,160	8,942
12	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1958	7,438	6,353
13	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	16/18	1958	9,990	9,528
14	Shelvoke & Drewry (Diesel Side Loader) ...	11	1959	4,845	7,692
15	Shelvoke & Drewry (Diesel Side Loader) ...	11	1959	3,499	9,363
16	Shelvoke & Drewry (Diesel Fore-and-Aft Tipper) ...	12/14	1960	—	6,965
	Austin A.55		1959	7,884	11,302
Totals ...				107,461	114,435



## FOREIGN VISITORS

Several Doctors of Medicine and Public Health Inspectors from abroad, many of them attending Courses at the London School of Hygiene and Tropical Medicine, have visited the Department during the year—as in former years—to see various items of public health interest in a progressive rural district, including refuse collection and disposal, dairy farms and milk production, slaughterhouse, knackers yard, condemned property and fruit grading and packing premises.

## PETROLEUM LICENCES IN FORCE DURING 1960

During the year, 173 licences to store petroleum spirit were granted. Of these 123 were for private installations (not for re-sale to the public) and 50 for filling stations.

Six licences for the storage of cellulose were granted.

The total licensed storage capacity was 239,090 gallons for petroleum spirit and 300 gallons of cellulose.

The amount received in fees was £129 7s. 6d.