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Borough of Chelmsford.



ANNUAL REPORT

OF THE

Medical Officer of Health for 1928.

RICHARD H. VERCOE, B.A., M.R.C.S., L.R.C.P., D.P.H.,

Medical Officer of Health and School Medical Officer.

Medical Officer Maternity and Child Welfare.

Medical Superintendent Joint Isolation Hospital.

School Medical Inspector, Essex County Council.

INCLUDING THE

REPORT OF THE SANITARY INSPECTOR.

THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY

JOHN BURNET

OF THE UNIVERSITY OF OXFORD

IN TWO VOLUMES

LONDON

Borough of Chelmsford.



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Health Propaganda, 1928.

- 14th MARCH, 1928 Dental Films shown to Mothers and School Children at the Empire Cinema.
Mothers. One hour.
Older children from Trinity Boys' and Girls', St. John's Boys' and R.C. Boys' and Girls' Schools.
- 15th MARCH, 1928 Same Films shown to St. John's Girls', Victoria Boys' and Girls' and Springfield Boys' and Girls' Schools.
The Films shown were:—
 "The Care of the Teeth."
 "Don't wait till it hurts."
 "A Brush with the Enemy."
 "The Leaflet."
About 1,100 older school children saw the Films.
- 23rd JULY, 1928 Lecture by the School Medical Officer lasting half-an-hour at each of the following Departments in turn, *i.e.*, 6 lectures:—
 King's Road Boys' and Girls' Schools
 Victoria Boys' and Girls' Schools.
 Trinity Road Boys' and Girls' Schools.
Subject:—
 Health in Summer. (a) Swimming Bath Hygiene.
 (b) Milk—protection.
 (c) Sunlight.
 (d) The Housefly.
- 25th SEPT., 1928 Lecture to Women's Co-operative Guild and the public by the School Medical Officer, illustrated by lantern, etc., lasting 1½ hours, including questions.
Subject:—"Sunlight and Health."
- 24th NOV., 1928 Lecture at King Edward VI. Grammar School to senior boys and the public, by the School Medical Officer, lasting 1½ hours, including questions. Illustrated by lantern.
Subject:—"Sunlight, Food and Health."
- 29th NOV., 1928 The Health and Cleanliness Council's Cinemotor Lorry showed Films at:—
Trinity Road School. 1 hour. Older Boys' and Girls'
Cathedral Hall. 1 hour. Victoria Boys' and Girls' (older).
Friends' Meeting House. 1 hour, Mothers.
 1 hour, older Boys and Girls from K.R.B. and K.R.G. Schools.
About 700 older children saw the Films.

STAFF.

RICHARD H. VERCOE	...	...	Medical Officer of Health.
WALTER BROWN	...	...	Sanitary Inspector.
SARAH G. LANGFORD	...	...	Health Visitor.
F. ERIC YOUNG...	...	...	Clerk.
J. F. J. HAYWOOD	...	...	Junior Clerk.

(1) General Statistics.

AREA	...	...	3,112 acres, including Inland Water (Census 1921).
POPULATION, 1928	...	...	23,680, Registrar General's figure, 20,761 (Census 1921).
NUMBER OF INHABITED HOUSES			5,567 (Census 1921).
RATEABLE VALUE	...	...	£213,545.
AMOUNT PRODUCED BY 1D. RATE			£855.

(2) Extracts from Vital Statistics of the Year.

		Total.	Male.	Female.	
BIRTHS	{ Legitimate ...	360	204	156	} Birth Rate 15.71
	{ Illegitimate ...	12	5	7	

DEATHS :—

Total uncorrected, 340 : rate 14.36 per 1,000 living.

Total corrected, 226 : rate 9.54 per 1,000 living.

Number of women dying in, or in consequence of, Child-birth :—

From Sepsis ...	...	...	...	2
Other Causes...	...	...	...	4

Deaths of infants under one year :—

Legitimate, 16 ; illegitimate, 2. Total, 18.

INFANT DEATH-RATE	...	...	48.39 per 1,000 births.
Deaths from Measles (all ages)	...	...	1
„ Whooping Cough (all ages)	...	...	0
„ Diarrhoea (under 2 years)	...	...	0

(3) Vital Statistics.

The following table gives the chief vital statistics of the Borough of Chelmsford and also of London, the groups of 107 Great Towns and 156 Smaller Towns, and of the country as a whole.

COMPARATIVE TABLE OF BIRTH AND DEATH-RATES AND ANALYSIS OF MORTALITY, 1923.

BIRTH-RATE PER 1,000 TOTAL POPULATION.	ANNUAL DEATH-RATE PER 1,000 POPULATION.												RATE PER 1,000 BIRTHS.		PERCENTAGE OF TOTAL DEATHS.		
	Live Births.	Still Births.	All Causes.	Enteric Fever.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea and Enteritis (under two years).	Total Deaths under One year.	Causes of Death certified by Registered Medical Practitioners.	Inquest Cases.	Uncertified Causes of Death.	
England and Wales	16.7	0.70	11.7	0.01	0.00	0.11	0.01	0.07	0.06	0.19	0.53	7.0	45	90.9	6.7	1.0	
107 County Boroughs and Great Towns, including London.	16.9	0.70	11.6	0.01	0.00	0.15	0.02	0.09	0.09	0.17	0.48	9.6	70	91.0	6.5	0.6	
156 Smaller Towns (1921 Adjusted Populations 20,000-50,000).	16.6	0.73	10.6	0.01	0.00	0.08	0.01	0.06	0.08	0.21	0.41	4.8	60	92.6	5.7	1.2	
London	15.9	0.53	11.6	0.01	0.00	0.30	0.02	0.09	0.09	0.13	0.55	10.2	67	88.7	7.6	0.0	
Chelmsford M.B.	15.71	0.51	9.54	0.00	0.00	0.04	0.00	0.00	0.08	0.04	0.29	0.00	48	93.46	3.5	0.0	

BIRTHS. Three hundred and seventy-two births (R.G.) were registered as occurring in the Borough.

Twelve still-births were notified. These cases of still-births were investigated by the Health Visitor to ascertain, as far as possible, the cause of death.

BIRTH RATE. The birth rate of Chelmsford for 1928 was 15.71 as compared with 15.52 in 1927, 15.44 in 1926 and 15.16 in 1925. This is a low rate compared with that of England and Wales, as a whole, which was 16.7 in 1928, 16.7 in 1927, 17.8 in 1926 and 18.3 in 1925.

The following tabular statement gives details of the number of deaths classified according to cause and sex (R.G.):—

Cause of Death.						Males.	Females.	Total.
Enteric Fever .. .. .	..	..	..	..	..	..	..	..
Small-pox .. .. .	..	..	..	..	..	..	..	..
Measles .. .. .	..	..	..	..	1	..	..	1
Scarlet Fever .. .. .	..	..	..	..	..	..	..	..
Whooping Cough .. .. .	..	..	..	..	..	..	..	..
Diphtheria .. .. .	..	..	..	..	..	2	..	2
Influenza .. .. .	..	..	..	..	1	..	..	1
Encephalitis Lethargica .. .. .	..	..	..	..	..	..	..	..
Meningococcal Meningitis .. .. .	..	..	..	..	..	..	..	..
Tuberculosis of Respiratory System .. .. .	..	..	..	..	9	6	..	14
Other Tuberculous Diseases .. .. .	..	..	..	..	5	3	..	8
Cancer, Malignant Disease .. .. .	..	..	..	..	14	12	..	26
Rheumatic Fever .. .. .	..	..	..	..	..	..	..	..
Diabetes .. .. .	..	..	..	..	0	..	..	..
Cerebral Hæmorrhage, &c. .. .. .	..	..	..	..	5	11	..	16
Heart Disease .. .. .	..	..	..	..	17	22	..	39
Arterio-sclerosis .. .. .	..	..	..	..	6	..	..	6
Bronchitis .. .. .	..	..	..	..	5	12	..	17
Pneumonia (all forms) .. .. .	..	..	..	..	3	2	..	5
Other Respiratory Diseases .. .. .	..	..	..	..	2	1	..	3
Ulcer of Stomach or Duodenum .. .. .	..	..	..	..	1	..	..	1
Diarrhoea, &c. (under 2 years) .. .. .	..	..	..	..	..	..	..	..
Appendicitis and Typhlitis .. .. .	..	..	..	..	1	2	..	3
Cirrhosis of Liver .. .. .	..	..	..	..	1	..	..	1
Acute and Chronic Nephritis .. .. .	..	..	..	..	4	2	..	6
Puerperal Sepsis .. .. .	..	..	..	..	..	2	..	2
Other Accidents and Diseases of Pregnancy and Parturition .. .. .	..	..	..	..	..	2	..	2
Congenital Debility and Malformation, Premature Birth .. .. .	..	..	..	..	5	7	..	12
Suicide .. .. .	..	..	..	..	1	..	..	1
Other deaths from Violence .. .. .	..	..	..	..	5	1	..	6
Other defined Diseases .. .. .	..	..	..	..	26	28	..	54
Causes ill-defined or unknown .. .. .	..	..	..	..	..	..	..	0
Total						111	115	226

DEATHS AT VARIOUS AGES DURING 1928.

AGES.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and over.	Total Deaths.
	18	4	4	5	10	30	51	104	226

DEATH RATE. The number of deaths registered in the Borough was 340. Of this number 134 were deaths of persons who were not inhabitants of Chelmsford.

In addition, 20 deaths were accepted as deaths of Chelmsford residents occurring in other districts.

Subtracting 134 "outward transfers" from the figure of 340, and adding 20 "inward transfers;" the net number of deaths is 226, which agrees with the figure supplied by the Registrar General. This gives a corrected death rate of 9.54 per 1,000 for the year 1928. This is a low death rate as compared with that of the whole country, which is 11.7 per 1,000.

INFANTILE MORTALITY. It is a satisfactory fact that out of 372 births there were only 18 deaths of infants under the age of 12 months. This gives an Infantile Death Rate of 48.39 per 1,000 births, as compared with 68.18 per 1,000 births in 1926, and 52.19 in 1927.

Prevalence of, and Control over, Infectious Diseases.

The number of cases of infectious disease notified during the year was as follows :—

Scarlet Fever	...	...	...	54
Diphtheria	...	...	...	47
Pneumonia	...	...	...	14
Paratyphoid B	...	...	...	9
Puerperal Pyrexia	...	...	...	5
Puerperal Fever	...	...	...	4
Erysipelas	...	...	...	4
Encephalitis Lethargica	...	...	...	1
Cerebro-Spinal Meningitis	...	...	...	1
Tuberculosis (Pulmonary)	...	...	...	20
Tuberculosis (Non-Pulmonary)	...	...	...	9

Of the above cases the following numbers were admitted to hospital (excluding tuberculosis cases) :—

Scarlet Fever	...	...	...	46
Diphtheria	...	...	...	44
Pneumonia	...	...	...	7
Paratyphoid B	...	...	...	4
Puerperal Fever	...	...	...	4
Erysipelas	...	...	...	1
Cerebro-Spinal Meningitis	...	...	...	1

(See also Appendix on Infectious Diseases on page 13 of this Report).

The usual methods of disinfection and of dealing with contacts have been followed throughout the year. Diphtheria Antitoxin has been provided to practitioners free of charge.

TUBERCULOSIS. See figures in Appendix on page 13 of this Report. The Chelmsford Tuberculosis Dispensary is under the control of the County Council.

Low Attendance Certificates have been granted in respect of the undermentioned Schools during 1928.

Disease.	Period.	Number of Weeks.	School.
Measles	... 16th to 20th July, 1928	... 1 ...	King's Rd. Infants
"	... 23rd to 27th July, 1928	... 1 ...	" "
Chicken Pox...	3rd to 7th December, 1928	... 1 ...	" "
"	... 10th to 14th December, 1928...	1 ...	" "
SUMMARY:—Measles ... 2 weeks			
Chicken Pox 2 weeks			
} King's Road Infants' School.			

Sanitary Circumstances of the District.

WATER SUPPLY. At the end of 1928 the new water scheme to obtain water from the River Chelmer at Sandford Mill was nearly completed and it is intended to supply water from this source early in 1929.

A new storage reservoir, treatment tanks and covered storage tanks for treated water have been constructed of reinforced concrete. The water will flow by gravity to the storage reservoir, capacity 3,060,000 gallons, and is delivered through a channel to the treatment tanks, 1,000,000 gallons capacity. The treatment tanks are divided into nine compartments, the water flowing alternately over and under the intermediate walls. Sulphate of alumina solution and lime water solution are added at the point of entry, and carbon dioxide gas is diffused in the water in the penultimate compartment. The water then flows into covered tanks for the storage of chemically treated water, total capacity 500,000 gallons.

A new pumping station has been constructed on the site of old Sandford Mill. To utilize the river power, 50 h.p. and 26 h.p. turbines have been installed, coupled to a 12-in. by 12-in. horizontal double acting piston pump. An alternative pumping set consists of 106 h.p. Cambell crude oil engine

direct coupled to 12-in. by 15-in. vertical treble ram pumps, and in addition a 41 h.p. Cambell crude oil engine to assist the turbines when the river flow is insufficient.

The treated water is pumped through Paterson pressure filters to the Corporation service reservoir at Longstomps, Galleywood, a distance of approximately $2\frac{1}{2}$ miles through a 12-in. rising main. Arrangements have been made for adding chlorine gas to the water both before and after filtration.

The apparatus for adding the lime and allumina is housed in the pumping station, and a well-equipped laboratory has been provided, where constant tests will be made by a resident chemist to ensure the supply of a pure and wholesome water.

RIVERS AND STREAMS. The condition of the Chelmer and its tributaries which flow through Chelmsford remains much the same as in past years.

SCAVENGING. The disposal of refuse is being economically carried out by tipping on the low lying land in the Recreation Ground, men being constantly employed in covering the refuse as it is tipped daily and no nuisance has in any way occurred.

The number of tons of refuse tipped during the year was 6,500. The work is being done by five carts and a central tip is being used.

This number also includes the scavenging of Springfield Ward, which has been taken over by the Corporation; this Ward was previously worked by contract.

FOOD SUPPLY AND INSPECTION. For particulars under this head reference should be made to the reports of the Sanitary and Veterinary Inspectors.

Summary of Nursing Arrangements, Clinics, Hospitals, etc.

DISTRICT NURSING ASSOCIATION. There is one District Nurse in each of the three wards of the town. In the Springfield Ward the District Nurse undertakes midwifery cases, but the other two do not.

MIDWIVES. There are six fully qualified midwives in the Borough; 3 in the North Ward, 2 in the South Ward, and 1 in the Springfield Ward.

CLINICS, &c. The School Clinics, Ante-Natal and two Infant Welfare Centres in the town are municipal, whilst the Tuberculosis and Venereal Clinics are provided by the County Council.

HOSPITALS are the Chelmsford and Essex General Hospital, the Poor Law Infirmary and the Isolation Hospital for Infectious Diseases. There is also a Small-pox Hospital at Galleywood.

Maternity and Child Welfare Scheme.

The work under this Scheme has been carried on much in the same way as in the previous year.

HOME VISITS BY HEALTH VISITOR. The following is the record of the Health Visitor's work during the year:—

	1st Visits.	Total Visits.
To expectant mothers ...	141 ...	210
To infants under 1 ...	354 ...	2,052
To children aged 1—5 ...	— ...	801
All Maternity and Child Welfare visits totalled		<hr/> 3,063 <hr/>

The first visit follows notification of birth, and is with the object of advising the mother on infant care, and also about her own health.

Later visits are paid, varying in number and frequency according to the requirements of each case.

In addition to her work in the homes, the Health Visitor attends with the Medical Officer of Health at the Centres. There are two Centres where mothers may obtain advice about the health of their infants, these being held at the Friends' Meeting House and at the Orchard Street Hall. Judging by the attendance at the Centres, the mothers appreciate them. The attendance has been well sustained at both the Centres throughout the year as follows:—

	No. of Infants.	No. of Attendances Made.
Friends' Meeting House ...	269 ...	2,591
Orchard Street Hall ...	121 ...	1,140
	<hr/> 390 <hr/>	<hr/> 3,731 <hr/>

Altogether 390 infants were brought to the Centres by their mothers throughout the year, making in all 3,731 attendances.

The ANTE-NATAL CLINIC is held once a month (except August), for Expectant Mothers at the Chelmsford Hospital and the attendances have been as follows:—

1928	Attendances	...	53	...	Individual Mothers	...	34
1927	"	...	41	...	"	"	26
1926	"	...	31	...	"	"	28

The voluntary workers have continued to give their services as previously and their assistance has contributed very materially to the success of the work. They have rendered the usual services of recording the attendances, weighing the infants and providing refreshments for the mothers.

THE MILK (MOTHERS AND CHILDREN) ORDER. During the year free milk has been supplied for the use of *necessitous* mothers and their infants, the amount has been restricted to one pint daily for each family supplied. Altogether 90 families have been relieved.

The expenditure sanctioned by the Ministry was £200 per annum.

The actual amount spent during the *financial* year ended March 31st, 1929 was £134 11s. 10d.

BOROUGH OF CHELMSFORD—INFANT MORTALITY DURING THE YEAR 1928.

Nett Deaths from stated causes at various Ages under 1 Year of Age.

Cause of Death.	Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under One Year.
1 Causes { Certified ...	6	1	2	1	10	2	1	1	4	18
{ Uncertified
Gasles
Whooping Cough
Tuberculous Meningitis	1	1
Abdominal Tuberculosis
Other Tuberculous Diseases	1	1
Encephalitis not Tuberculous
Convulsions
Otitis
Pharyngitis
Rhinitis	1	...	...	1
Pneumonia (all forms)	1	1
Diarrhoea
Enteritis
Colitis
Stomach
Injury at Birth
Congenital Malformation	1	...	1
Premature Birth ...	6	1	...	1	8	...	...	...	...	8
Strophy, Debility and Marasmus	1	...	1	2	...	...	...	3
Other Causes	1	...	1	...	...	...	1	2
TOTALS ...	6	1	2	1	10	2	1	1	4	18

Nett Births in { Legitimate, 360.
the Year 1928 { Illegitimate, 12.

Nett Deaths in { Legitimate, 16.
the Year 1928 { Illegitimate, 2.

CAUSES OF INFANT DEATHS. On summarising the above table, it will be seen that 6 of the 18 deaths (one-third) occurred in the first week of life and were due to Premature Birth.

Another 4 occurred within the first month of life, two of which were also due to Premature Birth. So that more than half (10 out of 18) of the deaths occurred in the first month of life, and nearly all of these were due to Premature Birth.

There were no deaths at all from Measles, Whooping Cough, Diarrhœa, Enteritis, Gastritis or Rickets, which all come much more under the group of preventable deaths, whereas it is difficult to know how these many deaths from Premature Birth can be prevented, except to a limited extent, by more Ante-Natal examination.

School Medical Inspection in the Rural District of Chelmsford.

(Work done for the Essex County Council).

	1928.
Number of visits in Schools	55
„ children medically examined	1,381
„ Eye Clinics held in Chelmsford	11
„ children refracted (glasses ordered for 51)	59
„ Gas Clinics for Dentist	10
„ children to whom Gas was administered	227
„ children specially tested for Physical Deficiency	2
„ Scholarship Boys medically examined	9
„ Boys examined and certified for work	21
„ Special visits to homes	18
„ Children examined for Diphtheria	262
„ Supplementary Teachers examined	2
„ Lectures :— Chelmsford County High	
School for Girls	1
Children and Parents	1
Parents	1
Teachers	2

Bacteriological Examinations.

Number of specimens submitted to the County Public Health Laboratory from the Borough of Chelmsford during the year ended 31st December, 1928.

Specimen.	No. Examined.
Diphtheria	800
Sputa	131
Typhoid	37
Ringworm	8
Miscellaneous	8
Total	984

INFECTIOUS DISEASES APPENDIX.

NOTIFIABLE DISEASES DURING THE YEAR 1928.

NOTIFICATIONS AT AGES.											Total Cases notified in each Locality. (e.g.) Parish or Ward of the District.			
Notifiable Disease.	Total cases.	Under 1								Cases admitted to hospital	Total Deaths.	North Ward.	South Ward.	Springfield Wd.
		1	1-5	5-10	10-15	15-20	20-35	35-45	Over 45					
Diphtheria	47	—	4	26	9	4	4	—	—	41	2	17	18	12
Scarlet Fever	54	—	6	23	16	3	4	2	0	46	—	26	16	12
Pneumonia	14	2	2	2	—	—	4	2	2	7G	5	5	3	2†
Erysipelas	4	—	—	—	—	—	1	—	3	1L	—	2	2	—
Ophthalmia Neonatorum	0	—	—	—	—	—	—	—	—	0	—	—	—	—
Paratyphoid Fever...	9	—	1	2	2	3	1	—	—	4	—	4	4	1
Typhoid	0	—	—	—	—	—	—	—	—	0	—	—	—	—
Puerperal Fever	4	—	—	—	—	—	3	1	—	4G	—	2	2	—
Puerperal Typhemia...	5	—	—	—	—	—	4	1	—	0	2	3	1	1
Encephalitis Lethargica	1	—	—	—	—	1	—	—	—	0	0	—	1	—
Anterior Poliomyelitis	—	—	—	—	—	—	—	—	—	0	0	—	—	—
Cerebro Spinal Meningitis	1	—	—	—	—	—	—	—	1	1	1	—	—	1
Totals	139	2	13	53	27	11	21	6	6	107	10	59	47	29
TUBERCULOSIS.														
Pulmonary.														
Males	11	—	—	—	—	2	1	4	4	5	8	5	6	0
Females	9	—	—	—	—	1	4	2	2	5	6	3	5	1
Totals	20	—	—	—	—	3	5	6	6	10	14	8	11	1
Non-Pulmonary.														
Males	4	1	2	—	—	—	—	—	1	3	5	2	2	0
Females	5	—	1	3	—	—	1	—	—	4	3	2	2	1
Totals	9	1	3	3	—	—	1	—	1	7	8	4	4	1
Grand Totals	168	3	16	56	27	14	27	12	13	124	32	71	62	31

G Chelmsford General Hospital.

L London Hospital.

† 4 Cases in Chelmsford General Hospital from Chelmsford Rural District.

Annual Report of the Joint Hospital Board for the Year 1928.

Cases admitted during each month were as follows :—

	Scarlet Fever,	Diphtheria.	Typhoid,	Other Diseases.			
January ...	23	...	4	...	0	...	0
February ...	9	...	1	...	0	...	2 Tonsilitis
March ...	8	...	1	...	0	...	2 „
April ...	6	...	0	...	0	...	0
May ...	16	...	11	...	0	...	0
June ...	4	...	20	...	0	...	3 Measles
July ...	5	...	12	...	1	...	2 Meningitis (1 died)
August ...	9	...	5	...	0	...	1 „ (died)
September	11	...	6	...	0	...	0
October ...	7	..	7	...	2	...	0
November	8	...	17	...	0	...	0
December...	9	...	10	...	0	...	1 Erysipelas (died)
<hr/>							
Total ...	115	...	94	...	3	...	11 = 223 total.

Patients

remaining

from 1927 25 ... 3 ... 0 ... 0

Including 28 patients remaining from 1927, the total number of patients in the Hospital for the year was 251.

Total deaths were 6. These were 1 Erysipelas, 2 Meningitis, 3 Diphtheria.

Total death-rate for All diseases = 2.39 per cent. of all diseases admitted.

„ Diphtheria = 3.19 „ Diphtheria cases „

Of 94 cases admitted as Diphtheria 4 proved to be Tonsilitis.

HOUSING.

GENERAL HOUSING CONDITIONS. The number of dwelling-houses in the Borough is 6,036. Of these, about 4,695 may be considered working-class houses.

The population of the Borough is 23,680 (R.G. Estimate).

" " (Census 1921) 20,761.

During the year considerable progress was made with the housing scheme on the Boarded Barns Estate.

Number of houses contracted for	...	...	...	56
" " completed and inhabited	...	...	...	62

The number of houses erected in the Borough to December 31st, 1928, was 93, by private enterprise, of which 58 may be considered working-class houses.

UNFIT HOUSES. In a town like Chelmsford there is a large number of houses which are constantly requiring repairs if they are to be kept in a condition fit for human habitation. Owners of property of this type naturally demur to expending large sums of money in repairs each year in cases where the property is so dilapidated that it is incapable of being put in a state of repair without some amount of reconstruction. In some cases demolition is the only satisfactory remedy for this state of affairs.

At the present time there are about 50 houses in the Borough which are only fit for demolition. These houses are unfit for human habitation for various reasons. In some cases, houses are permanently damp from the fact that they are built on damp sites adjoining the river. In other cases, general dilapidation is the cause of unfitness. In a few cases the houses are in danger of falling down from this cause. In addition to the 50 houses which need demolition, there are about 300 more houses which are not entirely satisfactory as dwellings, but which may be considered reasonably fit for habitation in time of shortage, if repairs are attended to regularly.

HOUSING APPENDIX.

Number of new houses erected during the year :—

(a) Total (including numbers given separately under (b) with State assistance under Housing Acts)—

(i) By the Local Authority	...	...	62
(ii) By other bodies or persons	...	...	93

1. *Unfit for dwelling houses.*

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1,623
(2) Number of dwelling-houses which were inspected and recorded under the Housing (Consolidated) Regulations, 1925	138

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	2
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation...	...	...	...	...	98
2. <i>Remedy of Defects without Service of formal Notices.</i>					
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officer	...	...	...	...	86
3. <i>Action under Statutory Power.</i>					
A.—Proceedings under Section 3 of the Housing Act, 1925.					
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	...	...	...	...	—
(2) Number of dwelling-houses which were rendered fit :—					
(a) By owners	...	...	...	...	—
(b) By Local Authority in default of owners	...	...	...	...	—
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	...	...	...	...	—
B.—Proceedings under Public Health Acts.					
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	393
(2) Number of dwelling-houses in which defects were remedied :—					
(a) By owners	...	...	...	...	360
(b) By Local Authority in default of owners	...	...	...	...	—
C.—Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925 :—					
(1) Number of representations made with a view to the making of Closing Orders	...	...	...	...	2
(2) Number of dwelling-houses in respect of which Closing Orders were made	...	...	...	...	2
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	...	...	...	...	0
(4) Number of dwelling-houses in respect of which Demolition Orders were made	...	...	...	...	4
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	...	...	4

Factories, Workshops and Workplaces.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions. (4)
Factories (Including Factory Laundries)	25	—	—
Workshops (Including Workshop Laundries)	151	—	—
Workplaces (Other than Outworkers' Premises)	17	—	—
TOTAL	193	—	—

2. DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars. (1)	Number of defects.			Number of Prosecutions (5)
	Found. (2)	Remedied. (3)	Referred to H M Inspector. (4)	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of Cleanliness	1	1	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors	9	9	—	—
Other nuisances	1	1	—	—
Sanitary accommodation { insufficient	1	1	—	—
unsuitable or defective	1	1	—	—
not separate for sexes	1	1	—	—
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bakehouse (s.101)	—	—	—	—
Other offences... ..	—	—	—	—
(Excluding offences relating to outwork and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers Order 1921)				
TOTAL	13	13	—	—

*Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901,
as remediable under the Public Health Acts.

Report of Sanitary Inspector.

SANITARY INSPECTOR'S OFFICE,

DUKE STREET, CHELMSFORD,

March, 1929.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF CHELMSFORD.

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour of presenting the following Report on sanitary work done during the year 1928, being my seventeenth Annual Report.

Summary of Sanitary Work carried out as a result of Notices served or recommendations made.

Dilapidated water closets rebuilt	...	...	...	6
Additional water closets provided	...	...	...	5
Flushing apparatus and fittings of water closets repaired or new flushing cisterns provided	...	...	...	76
New pedestal basins provided in water closets in place of defective or obsolete basins...	...	...	...	26
Defective water closets repaired, cleansed, &c.	...	...	...	41
New branch drains laid	...	...	...	2
Glazed gulley traps fixed	...	...	...	5
Drains properly intercepted or ventilated	...	...	...	1
Defective drains repaired	...	...	...	19
Obstructed drains, water closets, &c., unstopped	...	...	...	7
Defective sink, bath and lavatory waste pipes properly disconnected, trapped or renewed	...	...	...	4
Smoke nuisances abated	...	...	...	5
Urinals provided or improved	...	...	...	1
Miscellaneous nuisances abated...	...	...	...	24

Refuse Receptacles.

Galvanised iron sanitary dustbins provided in place of foul ashpits or where previous bins were dilapidated	75
---	-----	-----	-----	----

Dwelling Houses.

Houses or parts thereof cleansed	...	...	...	12
Damp conditions prevented, damp courses inserted, walls rendered in impervious material, soil removed from walls, &c.	...	...	...	29
Overcrowding abated	...	...	...	14
Floors relaid	...	...	...	31
Floors and stairs repaired	...	...	...	34
Coppers and stoves repaired or new ones provided	...	...	...	9
Windows and doors repaired	...	...	...	23
Roofs, ceilings and chimneys repaired	...	...	...	46
Walls and plastering repaired	...	...	...	77
Troughing and downpipes provided, disconnected, repaired or cleared from obstruction	...	...	...	49
Efficient light provided	...	...	...	6
Sanitary sinks provided in place of defective stone or other sinks	...	...	...	7
Yard paving laid, relaid or repaired	...	...	...	40
Houses closed as unfit for habitation	...	...	...	20
Houses demolished	...	...	...	21

Factories and Workshops (including Bakehouses.

Factories, workshops, or parts thereof, limewashed or cleansed	1
Insufficient or defective closet accommodation	...	...	...	3
Other nuisances abated	...	...	...	9

Water Supply.

Houses provided with supplies of water directly from the main instead of from storage tanks	...	...	...	22
Samples of drinking water taken for analysis	...	...	...	3
New services provided where service had become defective	...	...	...	7

Miscellaneous.

Dairies, cowsheds or milkshops cleansed or repaired or new dairy provided	...	...	...	6
Nuisances from keeping animals abated	...	...	...	6
Accumulations of manure and refuse removed, premises cleansed, &c.	...	...	...	22
Manure pits provided or improved	...	...	...	3
Common lodging houses cleansed or repaired	...	...	...	2

Drains, Water Closets, &c.

The usual attention has been given to these matters and considerable improvements have been made.

Five additional water closets have been provided where there was no accommodation or where the accommodation was insufficient; 6 defective water closets have been entirely rebuilt and 26 pedestal basins provided in place of defective and obsolete basins.

Refuse Receptacles.

Seventy-seven sanitary bins have been provided to replace dilapidated ones. There are practically no ashpits in the Borough and no midden privies; there are about 40 pail closets, nearly all in unsewered areas. All other accommodation is properly flushed water closets. There are no hand-flushed water closets.

Dwelling Houses.

Particulars of this work will be found in the summary at the beginning of this report.

Three houses have been closed under the Public Health Act, 2 of which have been demolished, in addition to those closed under the Housing Acts, altogether 20 houses were closed during the year, and 21 have been entirely demolished, but only 4 as the result of formal demolition orders, the remainder being demolished without this formality being necessary, while 2 houses in Hindmarsh's Yard, though not entirely demolished, have been unroofed during the year and are now quite unusable. The third house is only used as a store for packing cases, &c.

Under the Housing Acts, 2 houses were represented to you with a view to the making of Closing Orders, and you decided to make the necessary Order in each case. The following table shows that considerable headway has been made in getting the dwellings closed against which Closing Orders were made in 1925, 1926, 1927 and 1928:—

Closing Orders made in 1925.		Condition at end of 1928.	
57, New Writtle Street	Demolished.
58	"	...	"
59	"	...	"
60	"	...	"
61	"	...	"
1, Baddley Square	"
2	"	...	"
3	"	...	"
4	"	...	"
5	"	...	"
6	"	...	"
7	"	...	"

Closing Orders made in 1925.				Condition at end of 1928.	
10, Union Yard	Demolished.
11, "	"
12, "	"
13, "	"
Angel Yard—					
Everitt	Used as store.
Green	"
Turner	"
Fisher	"
Lodge	"
Hindmarsh's Yard—					
Ridgewell	Empty.
Tovee	"
Faiers	"
126, Rainsford Road	Now lock-up shop.
a128, "	Occupied.
a130, "	Empty.
a132, "	"
142, "	Demolished.
144, "	"
146, "	"
148, "	"
172, "	"
174 & 176 "	"
1, French's Square	Empty.
b2, "	"
b3, "	"
5, "	"
6, "	"
7, "	"
8, "	"
9, "	"
10, "	Occupied.
11, "	Empty.
12, "	"
13, "	"
14, "	"
15, "	"
16, "	Occupied.
17, "	Empty.

a These houses have been closed and demolished since the end of the year 1928.

b These houses have been demolished since the end of 1928.

Closing Orders made in 1926.				Condition at end of 1928.	
1 and 2, Grigg's Yard	...	...	...	Empty.	
3, "	...	...	...	Demolished.	
4, "	...	...	...	"
5, "	...	...	...	"
6, "	...	...	...	"
7, "	...	...	...	Empty.	
9, Navigation Road	...	...	...	"
40, Orchard Street	...	...	...	Made fit by owner and Order cancelled.	
21, Baddow Road	...	...	...	Demolished.	
1, St. Helen's Cottages, Baddow Road	...	...	...	"
2, " " "	...	...	...	"
b20, New Street	"	"	...	Occupied.	
Closing Orders made in 1927.				Condition at end of 1928.	
1, Coppins Yard	...	...	...	Occupied.	
2, "	...	...	...	Empty.	
5, "	...	...	...	"
c120, Rainsford Road	...	...	...	"
a122, "	...	...	...	Occupied.	
14, Union Yard	...	...	...	Empty.	
29, Wood Street	...	...	...	"
30, "	...	...	...	"
31, "	...	...	...	"
32, "	...	...	...	"
18, Church Lane	...	...	...	Demolished.	
1, Brown's Yard, Moulsham Street	...	...	...	Empty.	
2, " " "	...	...	...	"
3, " " "	...	...	...	"
4, " " "	...	...	...	"
1 back of 203, Moulsham Street (Bright)	...	...	...	Occupied.	
2 " 203, " (Mead)	...	...	...	Empty.	
1 " 31, " "	...	...	...	"
2 " 31, " "	...	...	...	"
3 " 31, " "	...	...	...	"
4 " 31, " "	...	...	...	Occupied.	
Baker's Yard, Moulsham Street (Cowell)	...	...	...	Empty.	
b " " (Duce)	...	...	...	Occupied.	
Kings Arms Yard " (Warner)	...	...	...	"
" " (Oliver)	...	...	...	Empty.	
Springfield Green (Woodison)	...	...	...	"
b " (Gurton)	...	...	...	Occupied.	
Coppins Yard (Marshall)	...	...	...	Empty.	
25, Wood Street	...	...	...	Occupied.	
26, " "	...	...	...	"

a These houses have been closed and demolished since the end of the year 1928.

b These houses have been closed since the end of 1928.

c These houses have been demolished since the end of 1928.

Summarised, out of a total of 94 houses against which Closing Orders were made in 1925, 1926, 1927 and 1928, there were at the time of writing this Report, 8 houses still occupied, in addition to the one case in which the Order was cancelled, 85 are closed as dwellings, 38 have been demolished, five are being used as stores and one has been converted into a lock-up shop, eight other houses have been demolished where Closing Orders had not been made, making a total of 21 houses demolished during the year in addition to the 29 demolished in 1927, making a total of 50 houses demolished during the last 2 years.

The houses demolished during the year, where Closing Orders had not been made, including the 5 Almshouses in Baddow Road which had been the subject of several reports to you. Numbers 5 and 6, Threadneedle Street which were on our schedule of houses as "unfit for habitation" have been demolished in connection with the provision of new offices by the Essex County Council. Number 2, Meadowside, Rectory Lane, was closed by arrangement with the owner.

The yards entirely closed during recent years are :—

Pannell's Yard,	Baddeley Square,
Griggs Yard,	Angel Yard,
Hindmarsh's Yard,	Brown's Yard.

Paving of Yards, Passages, &c.

The paving of 40 yards and passages has either been repaired or relaid in cement.

This makes for the comfort and health of the tenants by preventing, to a large extent, dirt and filth being carried into the houses, and is also a good investment for the property owner, tending to the preservation of his property.

Water Supply.

The whole of the houses in the Borough, with the exception of a few isolated houses at Galleywood, where no water mains are available, are supplied from the Corporation water main. A few years ago great attention was given to the question of the storage of water in tanks which were often objectional, and placed in situations where they could not be properly cleansed—sometimes within the water closet or in passages leading to or in direct communication with the water closet, and in one or two cases in situations directly over ashpits where all kinds of refuse were deposited.

Over 2,000 of these tanks were abolished in the space of a few years, and it is now somewhat rare to meet with one, twenty-two such tanks were abolished during the year; practically all the houses are now supplied direct from the main.

Early in the year a sample of water from a new house in Galleywood was submitted for analysis and disapproved, a later sample, after further pumping, was approved. Later in the year, a sample of water from another new house at Galleywood was submitted for analysis but was also disapproved. Two other samples were submitted in the early part of this year from the same premises, after further measures had been taken, and eventually the water was passed as fit for domestic use.

Common Lodging Houses.

The two common lodging houses have been well kept and improvements have been made during the year, and a good deal of the bedding renewed, &c.

Slaughterhouses and Butchers' Shops.

The slaughterhouses are generally well and cleanly kept. Contravention of the Regulations are few, and the butchers are prompt to carry out suggestions made.

There are six slaughterhouses in the Borough:—

Registered.	Licensed.
H. Green & Son, Moulsham Street.	Archer & Finning, Viaduct
J. F. Banham, High Street.	Road.
Palmer & Rimmer, Mildmay Road.	W. T. Candler, Moulsham
H. Wright, Springfield Road.	Street.

The slaughter house at Hill Farm has not been used throughout the year, and the premises are now occupied for other purposes.

Considerable improvements have been carried out during the year at the slaughter house in Viaduct Road.

There are now 24 butcher's shops in the Borough, these and the slaughterhouses, and places where food is prepared have been frequently inspected.

The butcher's shops in the Borough are as follows:—

H. Wright	...	...	...	Tindal Street.
"	...	...	...	Springfield Road.
"	...	...	...	Moulsham Street.
"	...	...	...	Duke Street.

Edgecumbe	...	...	...	Rainsford Road.
Rowe	...	...	...	"
Matthews	...	...	...	Broomfield Road.
Day	...	...	...	"
Smith	...	...	...	Corporation Road.
Co-operative Society	...	...	...	Wells Street.
"	...	...	...	Baddow Road.
Rimmer	...	...	...	Moulsham Street.
Candler	...	...	...	"
Wooltorton	...	...	...	"
Green & Sons	...	...	...	"
"	"
Banham	...	...	...	High Street.
British & Argentine Meat Co.	...	...	...	"
London Central Meat Co.	...	...	...	"
W. & R. Fletcher	...	...	...	"
Archer	...	...	...	Duke Street.
"	...	...	...	Moulsham Street.
Ben Clarke, Ltd.	...	...	...	Duke Street.
Copsey	...	...	...	Springfield Road.

Dairies, Cowsheds and Milkshops.

The alterations in the Register for the year are as follows :—

Transfer of registration of old premises within the Borough	...	1
New registration of retailers within the Borough of persons producing milk outside the Borough	... ..	3

At the end of the year the numbers registered were as follows :—

Producers within the Borough	... ..	7
Retailers from premises within the Borough	... ..	12
" " outside "	... ..	17

I am indebted to the officials of the Chelmsford Rural District Council for valuable information in respect of the supplies from premises outside the Borough.

Generally speaking the conditions of the Milk and Dairies Order, 1926, are well observed.

The persons retailing milk in the Borough from premises outside are as follows :—

- F. C. Richens, 50, New Road, Great Baddow.
- J. R. Magness & Sons, Bowers Farm, Springfield.
- R. Partridge, Patching Hall, Broomfield.

J. N. Christy, Priors, Broomfield.
 Wm. McMillan, Brick House, Boreham,
 T. Chaplin & Sons, Galleywood.
 A. Bayliss, Jubilee Farm, Newney Green, Writtle.
 Wm. Goby, Writtle.
 Wm. Westwood, Roxwell.
 F. J. Carter, Great Baddow.
 H. J. J. Snelling, Writtle.
 A. W. Whiting, Great Baddow.
 P. W. Cleaver, Butt Hatch Farm, Roxwell.
 S. J. Garwood, Great Baddow.
 C. E. Cottey, Wood Farm, Galleywood.
 F. Holmes, Mill Hill, Sandon.
 W. A. McKnight, Wellington House, Writtle.

Producers within the Borough :—

R. H. Currie, Moulsham Lodge and Lodge Farm, Galleywood.
 J. Norton, Waterhouse Farm.
 R. Fleming, Springfield Barnes.
 A. Bradridge, Springfield Mill.
 P. R. Morse, Whittles Hall, Springfield.
 J. Rimmer, Bexfield Farm, Galleywood.
 H. C. Hasler, Thrift Farm, Wood Street.

Retailers whose premises are situated in the Borough :—

R. H. Currie, 9 and 10, Springfield Road.
 P. R. Morse, Whittles Hall, Springfield.
 E. Thurlow, 7, Broomfield Road.
 Misses Lambton & De Putron, 47, New Street.
 A. G. Bateman, 22, Springfield Road.
 A. G. Mayhew, 124, Rainsford Road.
 Mrs. Harrison, Rainsford Road.
 Messrs. Fewell & Lilley, Broomfield Road.
 Mrs. Tucker, 7, Baddow Road.
 J. Rimmer, Moulsham Street.
 G. Mason, Moulsham Street.
 F. J. French, New Writtle Street.
 Chelmsford Star Co-operative Society, Ltd., Barrack Square.

Milk (Special Designations) Order, 1923.

One person is distributing certified milk in the Borough.

Two firms are bottling and distributing Grade A (Tuberculin Tested) Milk produced outside the Borough.

One person is licensed as a distributor of Grade A in the Borough and three persons hold a supplementary licence to retail Grade A in the Borough.

Market.

I visit the Cattle Market each market day with your Veterinary Inspector, Major Mulvey, and the following is a list of the animals sent out of the market :—

Feb. 3rd,	1928.	Red roan cow, suspected tuberculosis, sent out of market and reported to the police.
March 9th,	„	2 store pigs, suspected swine fever, sent out of market and reported to the police.
„ 16th,	„	Black and white cow, suspected tuberculosis, sent out of market and reported to the police.
„ 23rd,	„	Red and white cow „ „ „
„ 23rd,	„	Red roan cow „ „ „
April 27th,	„	White steer slaughtered under the Tuberculosis Order.
June 8th,	„	Alderney cow, suspected tuberculosis, dealt with under Tuberculosis Order.
„ 29th,	„	Blue roan cow „ „ „
July 13th.	„	Black cow, injured in shed, sent home in float.
„ 20th,	„	14 store pigs, suspected swine fever, sent out of market and reported to the police.
August 10th,	„	Cow, suspected tuberculosis, sent out of market and reported to the police.
„ 31st,	„	5 store pigs, suspected swine fever, sent out of market and reported to the police.
„ 31st,	„	Sow „ „ „ „
Sept. 21st,	„	Red cow, suspected tuberculosis, sent out of market and reported to the police.
Nov. 9th,	„	2 bulls badly injured, sent to slaughter.
Dec. 14th,	„	Red roan cow, suspected tuberculosis, sent out of market and reported to the police.
„ 14th,	„	5 store pigs, suspected swine fever, sent out of market and reported to the police.

Offensive Trades.

The offensive trades carried on in the Borough are :—

Fish friers ... 5

No complaint has been received and the businesses are generally well conducted. The tanyard was closed at the end of the year. The Knacker's Yard has received considerable attention throughout the year.

Factories and Workshops.

The number on the Register is little changed from last year.

The bakehouses in use are as follows :—

Street.	Occupier.
Moulsham Street	... W. T. Nickelson
Duke Street ...	... Shedd Bros.
„ ...	... Buxton & Sons
„ ...	... H. Cannon
Springfield Road	... H. Nice
„ ...	... W. & O. Budd
Tindal Street ...	... F. Poney
Broomfield Road	... J. Thompson
High Street ...	... Hicks Bros.
Wells Street ...	... Chelmsford Co-operative Society
Anchor Street	... A. E. Sansome
Rainsford Road	... A. Brown
Legg Street ...	... Marriage & Willis

There is no underground bakehouse in the Borough.

The regular limewashing of the bakehouses has been carried out twice yearly as required by the Factory and Workshops Act, 1901, and in most cases more frequently.

The remaining workshops have, on the whole, been well kept.

Other work done is set forth in the summary of defects found on another page.

Elementary Schools.

Inspection of the sanitary conveniences at the Elementary Schools has been regularly carried out and monthly reports on their condition made to the Education and Sanitary Committees.

The table on page 30 shows the number and type of sanitary conveniences, &c., of each school in the Borough.

Disinfection, &c.

The number of cases removed to the Isolation Hospital was as follows :—

Scarlet Fever	...	...	46
Diphtheria	...	...	44
Paratyphoid B	...	...	4

The number of disinfections done was as follows :—

Scarlet Fever	...	...	...	62
Diphtheria	...	...	...	44
Consumption	...	...	...	5
Cancer	...	...	...	3
Typhoid and Paratyphoid	...	...	...	8
Other Illness	...	...	...	9

The bedding and clothing, where necessary, were removed to the Joint Hospital Board disinfecting station for disinfection.

Rats and Mice Destruction Act, 1919.

Constant attention has been given throughout the year, this being most important, but special efforts—by circular, &c.—were made on the occasion of Rat Week to enlist the co-operation of occupiers and much good work was done in consequence.

Tips, farms, food stores, &c., received special attention, and I am indebted to Mr. Miles, the Borough Engineer, for his active and valuable co-operation.

Petroleum Acts.

During the year 70 licences to store petroleum and 16 to store carbide of calcium were granted, as against 67 and 14 respectively in the preceding year. Increased power has been given to Local Authorities relating to transport and storage of petrol. A new schedule of fees has come into operation under this legislation, which has resulted in a very large increase of revenue to the Corporation from this source. The bulk storage of petrol in underground tanks is largely taking the place of can storage. The Regulations have been very well observed, and little intervention has been necessary so far as contraventions are concerned.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

WALTER BROWN, C.R.S.I.. M.S.I.A.

Sanitary Inspector.

Number and Type of Sanitary Conveniences in the Elementary Schools in the Borough.

School.	No. of Scholars, Accommo- dation pro- vided for.	Sanitary Conveniences.	Washing Accommodation.	Refuse Disposal.	Drainage.	Water Supply.
Trinity Road, Boys	352	6 Pedestal W.c.'s., 1 Urinal	14 Washing Bowls..	Collected by Council	Connected to Coun- cil's Sewer	From Boro' Mains
" Girls	370	16 " "	14 " "	" "	" "	"
" Infants	100	2 " " 1 " "	5 " "	" "	" "	"
Friars, Junior Mixed	131	14 " " 1 " "	8 " "	" "	" "	"
" Infants..	228	1 Sink in Cookery	1 Sink in Cookery	" "	" "	"
Roman Catholic	100	4 " " 1 " "	2 Wash Bowls	" "	" "	"
St. John's Boys	188	5 Trough Closets, 1 " "	2 " "	" "	" "	"
" Girls	264	12 " " 1 " "	5 " "	" "	" "	"
" Infants	159			" "	" "	"
Victoria Boys	296	4 " " 1 " "	2 " "	" "	" "	"
" Girls ..	248	6 Pedestal W.c.'s.	5 " "	" "	" "	"
" Infants	183	7 " " 1 " "	1 " "	" "	" "	"
St. Peter's Infants	104	7 Trough Closets, 1 " "	2 " "	" "	" "	"
Springfield Mixed	243	3 Pedestal Closets, 1 " "	2 " "	" "	" "	"
" Infants ..		4 " " 1 " "	" "	" "	" "	"
Kings Road Boys	320	8 Pedestal W.c.'s., 2 Urinals	17 " "	" "	" "	"
" Girls	320	28 " "	17 " "	" "	" "	"
" Infants	250	16 " "	22 " "	" "	" "	"

Report of Veterinary Inspector, 1928.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF CHELMSFORD.

GENTLEMEN,

I have much pleasure in reporting that nothing of unusual nature has arisen in connection with my duties as Veterinary Inspector to the Borough during the year.

Cows and Cowsheds.

All cows and cowsheds are inspected and examined at least once in each two months, and samples of milk have been taken from cows and examined whenever considered advisable.

The number of cowsheds in the Borough is	...	...	11
" " cows " " approximately	...	...	250
" " cows excluded from cowsheds in the Borough during the year was	...	...	22
" " samples of milk examined during the year was	...	...	74
" " cows tested with the tuberculin test during the year was	...	...	20
" " visits paid to cowsheds during the year was	...	...	114

The Milk and Dairies (Consolidation) Act is now in force.

Samples are taken at intervals from all cowsheds, submitted for bacteriological examination, and in cases where they are adversely reported on, the Veterinary Inspector of the district is required to inspect the herd.

All milk traders selling milk in the Borough, although they live outside that area, have been required to register. This gives us a much better control of the supply to the town.

Milk Retailers in the Borough from Outside.

Baylis, Jubilee Farm, Newney Green.
F. J. Carter, Gardiners Farm, Great Baddow.
A. W. Whiting, Baddow Road.
T. Chaplin & Sons, Galleywood.
R. Partridge, Patching Hall, Broomfield.
J. R. Magness & Sons, Bowers Farm.
W. McMillan, Boreham.
W. Westwood, Roxwell.

W. Goby, Writtle.
 H. J. J. Snelling, Writtle.
 J. N. Christy, Priors, Broomfield.
 P. W. Cleaver, Butt Hatch Farm, Roxwell.
 S. J. Garwood, Great Baddow.
 E. C. Cottey, Wood Farm, Galleywood.
 F. C. Richens, New Street, Great Baddow.
 F. Holmes, Mill Hill, Sandon.
 W. A. McKnight, Wellington House. Writtle.

Slaughterhouses.

The number of animals slaughtered in the Borough for human food during the year 1928 was approximately :—

Beasts	...	...	...	...	2,396
Sheep	...	...	...	...	14,080
Calves	...	...	...	...	406
Pigs	...	...	...	...	10,532
Cows	...	...	...	...	40
Goats	...	...	...	...	56

About one-half of the beasts, sheep and calves and one-sixth of the pigs were slaughtered at Wright's slaughterhouse in Springfield Road.

Food Condemned and Surrendered.

Sheep	...	...	...	...	7
Cows	...	...	...	...	114
Lambs	...	...	...	...	1
Pigs	...	...	...	...	16
Bullocks	...	...	...	...	4
Bulls	...	...	...	...	1

Hearts.	Lungs	Livers.	Kidneys.	Spleen.	Heads.	Tongues.
12	30	60	4	3	6	8

In addition to these, a considerable quantity of various organs and flesh is destroyed every day.

All slaughterhouses have been visited every day.

The number of butcher's shops in the town is 23.

Tuberculosis carcasses condemned, 116.

There is a great improvement in the condition of the slaughterhouses.

HORSE FLESH. A large quantity is sent from this town to Rotterdam and Antwerp, and a considerable number of carcasses to Paris. Special certificates are required for these, copies of which were published in the Annual Report for 1925.

GOAT FLESH. A large number of carcasses are sent to Belgium.

BOARS. A number are sent to Rotterdam.

Animals Slaughtered in the Town and sent abroad.

Horses	...	...	...	...	362
Boars	...	...	...	...	50
Goats	...	...	...	...	156

The horses are slaughtered at Moulsham, goats and boars at Mildmay Road.

CONDEMNED. Horses, 18 ; Boars, 4 ; Goats, nil.

Market.

The Corporation Market has been regularly attended on each market and fair day, and all animals deposited or exposed for sale have been examined.

The following is a list of all animals removed from the market during the last year :—

Feb.	3rd,	1928.	Red roan cow, suspected tuberculosis, sent out of market and reported to the police.
March	9th,	"	2 store pigs, suspected swine fever, sent out of market and reported to the police.
"	16th,	"	Black and white cow, suspected tuberculosis, sent out of market and reported to the police.
"	23rd,	"	Red and white cow " " "
"	23rd,	"	Red roan cow " " "
April	27th,	"	White steer slaughtered under the Tuberculosis Order.
June	8th,	"	Alderney cow, suspected tuberculosis, dealt with under Tuberculosis Order.
"	29th,	"	Blue roan cow " " "
July	13th,	"	Black cow injured in shed, sent home in float.
"	20th,	"	14 store pigs, suspected swine fever, sent out of market and reported to the police.
Aug.	10th,	"	Cow, suspected tuberculosis, sent out of market and reported to the police.
"	31st,	"	5 store pigs, suspected swine fever, sent out of market and reported to the police.
"	31st,	"	Sow " " "
Sept.	21st,	"	Red cow, suspected tuberculosis, sent out of market and reported to the police.
Nov.	9th	"	2 bulls badly injured, sent to slaughter.
Dec.	14th,	"	Red roan cow, suspected tuberculosis, sent out of market and reported to the police.
"	14th,	"	5 store pigs, suspected swine fever, sent out of market and reported to the police.

Contagious Diseases.

				Chelmsford Division.		Chelmsford Borough.
Swine fever	...	...	...	5	...	1
Anthrax	...	...	...	3	...	Nil
Mange	...	...	...	Nil	...	Nil
Sheep scab	...	...	...	Nil	...	Nil
Foot and mouth disease	...	...	...	Nil	...	Nil
Tuberculosis	...	...	...	95	...	19

Animals exposed for sale in 1928.

Sows and pigs	...	...	...	62
Fat pigs	...	...	...	13,853
Store pigs...	...	...	...	14,976
Rams	...	...	...	198
Fat sheep...	...	...	...	2,894
Store sheep	...	...	...	14,573
Lambs	...	...	...	428
Bulls	...	...	...	355
Fat beasts	...	...	...	2,352
Store beasts	...	...	...	10,212
Dairy cows	...	...	...	2,194
Fat calves	...	...	...	65
Store calves	...	...	...	4,215
Horses	...	...	...	777
Goats	...	...	...	8

Horses.

Four have been disposed of as unfit for further service. One new one purchased. With the exception of temporary ailments the health and condition have been good.

I have the honour to be,

Mr. Mayor and Gentleman,

Your obedient Servant,

W. S. MULVEY,

Veterinary Inspector.



