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Contributors

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A C4411 (1) CHELMSFORD
Borough of Chelmsford.



ANNUAL REPORT

OF THE

Medical Officer of Health
for 1929.

Prepared by the late

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

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

AND

THE VETERINARY INSPECTOR'S REPORT.

THE HISTORY OF THE

REIGN OF

HENRY THE SEVENTH
OF ENGLAND
BY
JAMES HALLAM, ESQ.
OF LINCOLN'S INN

LONDON: PRINTED BY J. JOHNSON, ST. PAULS CHURCH-YARD, 1795.

Borough of Chelmsford.



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THE VETERINARY INSPECTOR'S REPORT.

STAFF.

RICHARD H. VERCOE	...	...	Medical Officer of Health.
WALTER BROWN	...	...	Sanitary Inspector.
ALICE G. GUMBLETON	...	...	Health Visitor.
F. ERIC YOUNG...	...	...	Clerk.
S. V. EDWARDS ...	...	...	Junior Clerk.

(1) General Statistics.

AREA ... 3,112 acres, including Inland Water
(Census 1921).

POPULATION, 1929 ... 23,930 Registrar General's figure,
20,761 (Census 1921).

NUMBER OF INHABITED HOUSES 5,567 (Census 1921).

RATEABLE VALUE ... £216,362.

AMOUNT PRODUCED BY 1D. RATE ... £860.

(2) Extracts from Vital Statistics for the Year.

		Total.	Male.	Female.	
Births	{ Legitimate ...	373	191	182	} Birth Rate 16.21
	{ Illegitimate ...	15	10	5	

DEATHS:—

Total uncorrected, 398 ; rate, 16.63 per 1,000 living.

Total corrected, 275 ; rate, 11.49 per 1,000 living.

Number of women dying in, or in consequence of, Child-birth.

From Sepsis	...	...	...	...	1
Other Causes	...	...	...	...	0

Deaths of Infants under one year :—

Legitimate, 27 ; Illegitimate, 0 ; Total, 27.

INFANT DEATH-RATE ... 69.59 per 1,000 births.

Deaths from Measles (all ages)	...	...	0
„ „ Whooping Cough (all ages)...	...	...	5
„ „ 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 157 Smaller Towns, and of the country as a whole.

COMPARATIVE TABLE OF BIRTH AND DEATH-RATES AND ANALYSIS OF MORTALITY, 1922.

	BIRTH-RATE PER 1,000 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.	Certified by Coroner after P.M.	No Inquest.	Uncertified Causes of Death.		
England and Wales	16.3	0.68	13.4	0.01	0.00	0.08	0.02	0.15	0.08	0.74	0.55	8.1	7.4	91.5	6.1	1.5	0.9	0.9		
107 County Boroughs and Great Towns, including London.	16.6	0.69	13.7	0.01	0.00	0.12	0.02	0.19	0.09	0.76	0.60	10.9	7.9	91.8	5.8	1.9	0.5	0.5		
157 Smaller Towns (1921 Adjusted Populations 20,000-50,000).	16.0	0.71	12.3	0.01	0.00	0.06	0.02	0.15	0.07	0.71	0.45	5.9	6.9	92.6	5.4	1.0	1.0	1.0		
London	15.7	0.53	13.8	0.01	0.00	0.04	0.02	0.26	0.08	0.69	0.56	10.7	7.0	89.5	6.8	3.7	0.0	0.0		
Chelmsford M.B.	16.2	0.71	11.5	0.04	0.00	0.00	0.00	0.21	0.12	0.17	0.50	0.0	6.9	89.1	7.6	3.3	0.7	0.7		

BIRTHS. Three hundred and eighty-eight births (R.G.) were registered as occurring in the Borough during 1929.

Seventeen 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 following is a comparative table of the birth rates of Chelmsford Borough and England and Wales :—

Year.	Borough of Chelmsford.	England and Wales.
1929	16.21	16.3
1928	15.71	16.7
1927	15.52	16.7
1926	15.44	17.8
1925	15.16	18.3

The following tabular statement gives details of the number of deaths classified according to cause and sex (Registrar-General) :—

Cause of Death.	Males.	Females.	Total.
Enteric Fever	1	...	1
Small-pox	...	...	...
Measles	...	...	...
Scarlet Fever	...	...	...
Whooping Cough	4	1	5
Diphtheria	2	1	3
Influenza	3	1	4
Encephalitis Lethargica	1	...	1
Meningococcal Meningitis	...	...	...
Tuberculosis of Respiratory System	3	6	9
Other Tuberculous Diseases	3	...	3
Cancer, Malignant Disease	19	17	36
Rheumatic Fever	...	...	...
Diabetes	...	2	2
Cerebral Hæmorrhage, &c.	6	4	10
Heart Disease	18	24	42
Arterio-sclerosis	11	1	12
Bronchitis	11	6	17
Pneumonia (all forms)	7	5	12
Other Respiratory Diseases	1	5	6
Ulcer of Stomach or Duodenum	2	...	2
Diarrhoea, &c. (under 2 years)	...	...	...
Appendicitis and Typhlitis	1	...	1
Cirrhosis of Liver	...	1	1
Acute and Chronic Nephritis	2	...	2
Puerperal Sepsis	...	1	1
Other Accidents and Diseases of Pregnancy and Parturition	...	...	...
Congenital Debility and Malformation, Premature Birth	11	5	16
Suicide	6	...	6
Other deaths from Violence	9	3	12
Other defined Diseases	27	42	69
Causes ill-defined or unknown	...	2	2
TOTAL	148	127	275

DEATHS AT VARIOUS AGES DURING 1929.

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.
	27	2	2	7	10	27	62	138	275

DEATH RATE. The number of deaths registered in the Borough was 398. Of this number 156 were deaths of persons who were not inhabitants of Chelmsford.

In addition 33 deaths were accepted as deaths of Chelmsford residents occurring in other districts.

Subtracting 156 "outward transfers" from 398, and adding 33 "inward transfers," the nett number of deaths is 275, which agrees with the figure supplied by the Registrar-General. This gives a corrected death rate of 11.49 per 1,000 for the year 1929. This is a low death rate as compared with that of the whole country, which is 13.4 per 1,000.

INFANTILE MORTALITY. Of 388 births there were 27 deaths of infants under the age of 12 months. This gives an infantile death rate of 69.59 per 1,000 births, as compared with 74 per 1,000 births which is the rate for England and Wales for the year 1929.

Prevalence of, and Control over, Infectious Diseases.

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

Scarlet Fever ...	...	...	35
Diphtheria ...	...	...	18
Pneumonia ...	...	...	24
Paratyphoid "B" ...	...	...	5
Puerperal Pyrexia ...	...	...	1
Puerperal Fever ...	...	...	4
Erysipelas ...	...	...	3
Acute Poliomyelitis ...	...	...	2
Ophthalmia Neonatorum ...	...	...	1
Tuberculosis (Pulmonary) ...	...	...	25
Tuberculosis (Non-Pulmonary) ...	...	...	7

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

Scarlet Fever	...	...	...	...	30
Diphtheria	...	...	...	...	13
Pneumonia	...	...	...	...	18G
Paratyphoid " B "	...	...	...	...	2
Puerperal Fever	...	...	...	...	3G
Erysipelas	...	...	...	...	1G
Acute Poliomyelitis...	...	...	...	...	2G

"G" Chelmsford and Essex General Hospital.

(See also Appendix of Infectious Diseases on page 12).

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

TUBERCULOSIS. See figures in Appendix on page 12 of this Report. The Chelmsford Tuberculosis Dispensary is under the control of the County Council.

Sanitary Circumstances of the District.

WATER SUPPLY. The new scheme, whereby water is obtained from the River Chelmer at Sandford Mill, came into operation in March, 1929.

A new storage reservoir, treatment tanks and covered storage tanks for treated water have been constructed of reinforced concrete. The water flows by gravity from an intake on the Mill Stream, River Chelmer, 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, and 106 h.p. Cambell crude oil engine direct coupled to 12-in. by 15-in. vertical treble ram pumps installed; also 50 h.p. and 26 h.p. turbines coupled to 12-in. by 12-in. horizontal double acting piston pump and 41-h.p. Cambell oil engine to assist when river power 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 after filtration.

The apparatus for adding the lime and alumina is housed in the pumping station, and a well equipped laboratory has been provided where constant tests are 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 controlled tipping on the low lying land in the Recreation Grounds extension, men being constantly employed in covering the refuse as it is tipped daily and no nuisance has in any way occurred.

The approximate number of tons of refuse tipped during the year was 6,800. The work is being done by six carts.

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 five fully qualified midwives in the Borough; two in the North Ward, two in the South Ward and one in the Springfield Ward.

CLINICS, ETC. 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 Essex 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 :—

	First visits.	Total visits.
To expectant mothers ...	56 ...	131
To infants under 1 year ...	387 ...	2,428
To children aged 1 to 5 years ...	— ...	584
All Maternity and Child Welfare visits totalled		3,143

The first visit follows the 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 in the Borough where mothers may obtain advice about the health of their infants, these being at :—

The Friends' Meeting House, ...	Each Tuesday afternoon, 2.30 to
Duke Street.	4 p.m.
The Orchard Street Hall, ...	Each Thursday afternoon, 2.30
Orchard Street.	to 4 p.m.

Judging by the attendances 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	...	359	...	2,446
Orchard Street Hall	...	173	...	1,012
		532		3,458

Altogether 532 infants were brought to the Centres by their mothers throughout the year, making in all 3,458 attendances.

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 and providing refreshments for the mothers.

The ANTE-NATAL CLINIC is held on the first Wednesday in each month (August excepted) at the Chelmsford Hospital, London Road, from 2 to 4 p.m. The Medical Officer of Health and the Health Visitor attend and the attendances of expectant mothers have been as follows :—

1929	Attendances	...	101	Individual expectant mothers...	45
1928	"	...	53	"	"
1927	"	...	41	"	"
1926	"	...	31	"	"

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 of Grade "A" milk daily for each family supplied. Altogether 61 families have been relieved.

The expenditure sanctioned by the Ministry of Health was £200 for the financial year.

The actual amount spent during the financial year ended 31st March, 1930, was £79. 3s. 1d.

BOROUGH OF CHELMSFORD—INFANT MORTALITY DURING THE YEAR 1929.

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.
All Causes {	Certified ..	7	4	1	1	13	7	2	3	2	27
	Uncertified ..	...	...	...	...	...	...	...	...	...	...
Measles ..		...	...	...	...	...	...	...	...	...	...
Whooping Cough ..		...	...	...	...	...	1	...	...	...	1
Tuberculous Meningitis ..		...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ..		...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ..		...	...	...	...	...	...	...	...	1	1
Meningitis not Tuberculous ..		...	...	...	...	...	...	...	...	...	...
Convulsions ..		...	...	...	...	...	1	...	...	...	1
Laryngitis ..		...	...	...	...	...	...	...	...	...	...
Bronchitis ..		...	...	...	...	...	2	...	...	...	2
Pneumonia (all forms) ..		...	...	...	...	...	1	1	...	1	3
Diarrhoea ..		...	...	...	...	...	...	...	...	...	...
Enteritis ..		...	...	...	...	...	...	...	...	...	...
Gastritis ..		...	...	...	...	...	...	...	...	...	...
Rickets ..		...	...	...	...	...	...	...	...	...	...
Injury at Birth ..		...	...	...	...	...	...	...	...	...	...
Congenital Malformation ..		1	1	...	...	2	1	...	1	...	4
Premature Birth ..		6	3	1	1	11	...	...	...	...	11
Atrophy, Debility and Marasmus ..		...	...	...	...	...	...	...	...	...	...
Other Causes ..		...	...	...	...	...	1	1	2	...	4
TOTALS ..		7	4	1	1	13	7	2	3	2	27

Nett Births in { Legitimate, 373.
the Year 1929 { Illegitimate, 15.

Nett Deaths in { Legitimate, 27.
the Year 1929 { Illegitimate, 0.

CAUSES OF INFANT DEATHS. On summarising the above table it will be seen that 7 of the 27 deaths occurred in the first week of life, 6 of which were due to Premature Birth.

Another six occurred within the first month of life, five of which were also due to Premature Birth. So that nearly half (11 out of 27) of the deaths occurred in the first month of life, and nearly all of these were due to Premature Birth.

There were no deaths from Measles, Diarrhoea, 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.

INFECTIOUS DISEASES APPENDIX.

NOTIFIABLE DISEASES DURING THE YEAR 1929.

Notifiable Disease.	NOTIFICATIONS AT AGES.											Total Cases notified in each Locality. (e.g.) Parish or Ward of the District.		
	Total cases.	Under 1	1-5	5-10	10-15	15-20	20-35	35-45	Over 45	Cases admitted to hospital	Total Deaths.	North Ward.	South Ward.	Springfield Wd.
Diphtheria	18	—	4	6	4	3	—	1	—	13	3	7	10	1
Scarlet Fever	35	—	8	22	3	—	2	—	—	30	—	17	9	9
Pneumonia	24	1	2	1	1	1	5	7	6	18g	12	6	18	—
Erysipelas	3	—	—	—	—	—	—	—	3	1g	—	1	2	—
Ophthalmia Neonatorum	1	1	—	—	—	1	—	—	—	—	1	1	—	—
Paratyphoid Fever...	5	—	1	—	1	1	1	1	—	4†	1	2	2	1
Typhoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	4	—	—	—	—	—	3	1	—	3g	1	1	3	—
Puerperal Pyrexia...	1	—	—	—	—	—	—	1	—	—	—	—	1	—
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Anterior Poliomyelitis	2	—	—	—	1	1	—	—	—	2g	—	—	2	—
Cerebro-Spinal Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	93	2	15	29	10	6	11	11	9	71	17	35	47	11
TUBERCULOSIS.														
Pulmonary.	15	—	—	—	1	2	7	3	2	8	3	5	5	5
Males	10	1	—	—	—	1	5	1	2	6	6	5	5	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	25	1	—	—	1	3	12	4	4	14	9	10	10	5
Non-Pulmonary.														
Males	5	—	1	1	1	—	2	—	—	5	3	4	1	—
Females	2	—	—	1	—	—	—	—	1	1	—	—	1	1
Totals	7	—	1	2	1	—	2	—	1	6	3	4	2	1
Grand Totals	125	3	16	31	12	9	25	15	14	91	29	49	59	17

g Chelmsford General Hospital.

† 2 Cases in Chelmsford General Hospital.

Annual Report of the Joint Hospital Board for the Year 1929.

Cases admitted during each month were as follows:—

	Scarlet Fever.	Diphtheria.	Typhoid.	Other Diseases.
January ...	6	7	1*	0
February ...	4	2	0	1 Whooping Cough and Pneumonia.
March ...	5	1	0	0
April ...	4	0	0	1 Small-pox.
May ...	3	6	0	0
June ...	3	3	0	0
July ...	5	1	0	1 Erysipelas.
August ...	7	1	0	0
September	9	3	2*	1 Tuberculous Meningitis.
October ...	16	3	0	1 Do. Do.
November...	15	9	0	0
December	12	1	0	2 Measles.
Total ...	89	37	3*	7

Patients

remaining

from 1928 25 ... 3 ... 0 ... 0

* Paratyphoid "B".

Including 28 patients remaining from 1928 the total number of patients in the Hospital for the year was 164.

Total deaths were 6. These were 4 Diphtheria, 1 Scarlet Fever, 1 Meningitis.

Total death-rate for all diseases. 3.65 per cent. of all diseases admitted.

" " " Diphtheria. 10.00 per cent. of Diphtheria cases admitted.

Of 40 cases admitted as Diphtheria 4 proved to be Tonsilitis.

HOUSING.

GENERAL HOUSING CONDITIONS. The number of dwelling-houses in the Borough is 6,691. Of these, about 5,061 may be considered working-class houses.

The population of the Borough is 23,980 (R.G. Estimate).

„ „ (Census 1921) was 20,761.

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

Number of houses contracted for	...	...	126
„ completed and inhabited	...	...	246

The number of houses erected in the Borough during 1929 by private enterprise was 425, of which 382 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 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 35 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 addition to the 35 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))	...	671
(b) With State assistance under Housing Acts :—		
(i) By Local Authority	...	246
(ii) By other bodies or persons...	...	425
(a) By private enterprise only	...	43
(b) „ „ and State assistance	...	382

1. *Unfit for dwelling houses.*

Inspection—(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	1,739
(2) Number of dwelling houses which were inspected and recorded under the Housing (Consolidation) Regulations, 1925	...	64

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	8
(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 ...	160
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	131
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	265
(2) Number of dwelling-houses in which defects were remedied :—	
(a) By owners	229
(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	8
(2) Number of dwelling-houses in respect of which Closing Orders were made	8
(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	9

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)	33	—	—
Workshops (Including Workshop Laundries)	173	4	—
Workplaces (Other than Outworkers' Premises)	12	—	—
TOTAL	218	4	—

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	1	1	—	—
Want of drainage of floors	—	—	—	—
Other nuisances	16	16	—	—
Sanitary accommodation { insufficient	—	—	—	—
unsuitable or defective	2	2	—	—
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 Trans- fer of Powers Order 1921)				
TOTAL	21	21	—	—

*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.

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

SANITARY INSPECTOR'S OFFICE,

DUKE STREET, CHELMSFORD,

March, 1930.

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 1929, being my eighteenth Annual Report.

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

W.C. removed from inside dining room	...	...	...	1
Dilapidated water closets rebuilt	...	...	...	2
Additional water closets provided	...	...	...	7
Flushing apparatus and fittings of water closets repaired or new flushing cisterns provided	...	...	...	52
New pedestal basins provided in water closets in place of defective or obsolete basins...	...	...	...	47
Defective water closets repaired, cleansed, &c.	...	...	...	19
Defective drains relaid, improved, &c.	...	...	...	27
Defective sink, bath and lavatory waste pipes properly disconnected, trapped or renewed	...	...	...	8
Smoke nuisances abated	...	...	...	3
Urinals provided or improved	...	...	...	2
Miscellaneous nuisances abated...	...	...	...	45

Refuse Receptacles.

Galvanised iron sanitary dustbins provided in place of foul ashpits or where previous bins were dilapidated	...	...	...	105
---	-----	-----	-----	-----

Dwelling Houses.

Baths and lavatory basins provided	...	...	...	5
Houses or parts thereof cleansed	...	...	...	7
Damp conditions prevented, damp courses inserted, walls rendered in impervious material, soil removed from walls, &c.	...	...	...	28

Overcrowding abated	...	...	...	...	10
Floors relaid	...	...	...	...	12
Floors and stairs repaired	...	...	...	...	16
Coppers and stoves repaired or new ones provided	...	...	...	...	10
Windows and doors repaired	...	...	...	...	23
Roofs, ceilings and chimneys repaired	...	...	...	...	28
Walls and plastering repaired	...	...	...	...	30
Troughing and downpipes provided, disconnected, repaired or cleared from obstruction	...	...	...	...	35
Sanitary sinks provided in place of defective stone or other sinks	...	...	...	...	3
Sanitary sinks and water supply provided in house where not previously provided	...	...	...	...	1
Yard paving laid, relaid or repaired	...	...	...	...	36
Houses closed as unfit for habitation	...	...	...	...	12
Houses demolished	...	...	...	...	19

Factories and Workshops (including Bakehouses).

Factories, workshops, or parts thereof, limewashed or cleansed	...	...	...	...	1
Insufficient or defective closet accommodation	...	...	...	...	3
Other nuisances abated	...	...	...	...	16

Water Supply.

Houses provided with supplies of water directly from the main instead of from storage tanks	...	...	...	...	11
Samples of drinking water taken for analysis	...	...	...	...	5
New services provided where service had become defective	...	...	...	...	7

Miscellaneous.

Dairies, cowsheds or milk shops cleansed or repaired or new dairy provided	...	...	...	...	6
Nuisances from keeping animals abated	...	...	...	...	6
Accumulations of manure and refuse removed, premises cleansed, &c.	...	...	...	...	8
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.

Seven additional water closets have been provided where there was no accommodation or where the accommodation was insufficient; 2 defective water closets have been entirely rebuilt and 47 pedestal basins provided in place of defective and obsolete basins.

Refuse Receptacles.

One hundred and five 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.

Four houses have been closed under the Public Health Acts in addition to those closed under the Housing Acts; altogether 12 houses were closed during the year and 19 have been entirely demolished, 9 as the result of formal demolition orders, the remainder being demolished without this formality being necessary.

Under the Housing Acts, 8 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, 1928 and 1929 :—

Closing Orders made in 1925.		Condition at end of 1929.	
57, New Writtle Street	...	...	Demolished.
58, "	...	...	"
59, "	...	...	"
60, "	...	...	"
61, "	...	...	"
1 Baddeley Square	...	...	"
2, "	...	...	"
3, "	...	...	"
4, "	...	...	"
5, "	...	...	"
6, "	...	...	"
7, "	...	...	"
10, Union Yard	...	...	"
11, "	...	...	"
12, "	...	...	"
13, "	...	...	"
Angel Yard—			
Everitt	...	...	Used as store.
Green	...	...	"
Turner	...	...	"

Closing Orders made in 1925.			Conditions at end of 1929.	
Fisher	...	...	...	Demolished.
Lodge	...	...	...	"
Hindmarsh's Yard—				
Ridgewell	...	...	...	"
Tovee	...	...	...	"
Faiers	...	...	...	"
126, Rainsford Road	...	...	...	Now lock-up shop.
128, ,,	...	...	...	Demolished.
130, ,,	...	...	...	"
132, ,,	...	...	...	"
142, ,,	...	...	...	"
144, ,,	...	...	...	"
146, ,,	...	...	...	"
148, ,,	...	...	...	"
172, ,,	...	...	...	"
174 & 176, ,,	...	...	...	"
1, French's Square	...	...	...	Part used as lock-up shop.
2, ,,	...	...	...	Demolished.
3, ,,	...	...	...	"
5, ,,	...	...	...	Empty.
6, ,,	...	...	...	"
7, ,,	...	...	...	"
8, ,,	...	...	...	"
9, ,,	...	...	...	"
10, ,,	...	...	...	Occupied.
11, ,,	...	...	...	Empty.
12, ,,	...	...	...	"
13, ,,	...	...	...	"
14, ,,	...	...	...	"
15, ,,	...	...	...	"
16, ,,	...	...	...	Occupied.
17, ,,	...	...	...	Empty.
Closing Orders made in 1926.				
1 and 2, Griggs Yard	...	...	...	Demolished.
3, ,,	...	...	...	"
4, ,,	...	...	...	"
5, ,,	...	...	...	"
6, ,,	...	...	...	"
7, ,,	...	...	...	Empty.
9, Navigation Road	...	...	...	"
40, Orchard Street	...	...	...	Made fit by owner and Order cancelled.

Closing Orders made in 1926.				Condition at end of 1929.	
21, Baddow Road	...	...	...	Demolished.	
1, St. Helen's Cottages, Baddow Road	...	...	...	"	
2, " " "	...	...	...	"	
20, New Street	...	...	...	Lock-up shop.	
Closing Orders made in 1927.					
1, Coppins Yard	...	...	...	Occupied.	
2, " " "	...	...	...	Empty.	
5, " " "	...	...	...	"	
120, Rainsford Road	...	...	...	Demolished.	
122, " " "	...	...	...	"	
14, Union Yard	...	...	...	"	
29, Wood Street	...	...	...	"	
30, " " "	...	...	...	"	
31, " " "	...	...	...	"	
32, " " "	...	...	...	"	
18, Church Lane	...	...	...	"	
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.	
" " (Duce)	...	...	...	"	
Kings Arms Yard " (Warner)	...	...	...	Occupied.	
" " (Oliver)	...	...	...	Empty.	
Springfield Green (Woodison)	...	...	...	"	
" (Gurton)	...	...	...	"	
Coppins Yard (Marshall)	...	...	...	"	
Closing Orders made in 1928.					
a25, Wood Street	...	...	...	Occupied.	
a26, " " "	...	...	...	"	
Closing Orders made in 1929.					
4, Union Yard	...	...	...	Empty.	
5, " " "	...	...	...	"	
20, New Street	...	...	...	"	
21, " " "	...	...	...	"	
3, Hall Street	...	...	...	"	
71a, London Road	...	...	...	"	
71b, " " "	...	...	...	"	
71c, " " "	...	...	...	"	

a These houses have now been rendered fit for habitation.

Summarised, out of a total of 101 houses against which Closing Orders were made in 1925, 1926, 1927, 1928 and 1929, there were at the time of writing this Report, six houses still occupied, in addition to three cases in which the Order was cancelled, 92 are closed as dwellings, 54 have been demolished, five are being used as stores and two have been converted into lock-up shops. Four other houses have been closed where Closing Orders had not been made.

Altogether 19 houses were demolished during the year and in recent years as many as 60 houses have been demolished.

The houses closed during the year, where Closing Orders had not been made, were as follows :—

Back of 35 High Street

Rear of Anchor Inn

25, Baddow Road

12a, Tindal Street

These were all vacant at the end of the year.

Paving of Yards, Passages, &c.

The paving of 36 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 objectionable, 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. Eleven such tanks were abolished during the year; practically all the houses are supplied direct from the main.

Five samples of water were submitted for analysis during the year. Three from a farmhouse at Galleywood and two from a new bungalow in the same neighbourhood.

Four of these samples proved to be unsatisfactory but a sample in respect of the new bungalow was finally passed as fit for domestic purposes. In the remaining instance other arrangements had to be made to provide a suitable supply.

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.

There are now 25 butchers' shops in the Borough; these and the slaughterhouses, and places where food is prepared, have been frequently inspected.

The butchers' shops in the Borough are as follows :—

H. Wright	...	...	...	Tindal Street
"	...	...	...	Springfield Road
"	...	...	...	Moulsham Street
"	...	...	...	Duke Street
"	...	...	...	Kings Road
Edgcumbe	...	...	...	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	...	2
New registration of retailers' premises within the Borough	...	3

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

Producers within the Borough	...	...	...	6
Retailers from premises within the Borough	...	...	...	15
" " outside "	...	...	...	14

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
 R. Partridge, Patching Hall, Broomfield
 J. N. Christy, Priors, Broomfield
 Wm. McMillan, Brick House, Boreham
 T. Chaplin & Sons, Galleywood
 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
 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
 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
 Do. 19, Upper Bridge Road
 P. R. Morse, Whittles Hall, Springfield
 E. Thurlow, 7, Broomfield Road
 Mr. Barwell, 47, New Street
 A. G. Bateman, 22, Springfield 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
 R. Fleming, Springfield Barnes
 J. R. Magness & Sons, Railway Street

Mr. Norton has discontinued the production of milk at Waterhouse Farm; great improvements have been made at Lodge Farm.

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 in the Borough obtained from producers outside the Borough.

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

1929.

January 4th ...	Red and white cow, suspected to be tuberculous, sent out of the market and reported to the Police.
„ 25th ...	10 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
February 1st ...	12 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 1st ...	6 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 22nd ...	Red cow suspected to be tuberculous sent out of the market and reported to the Police.

March 15th	...	Red heifer suspected to be tuberculous sent out of the market and reported to the Police.
„ 22nd	...	Blue bullock, fractured thigh, sent out of market and slaughtered.
April 5th	...	2 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 5th	...	Black and white cow suspected to be tuberculous sent out of the market and reported to the Police.
May 3rd	...	Cow suspected to be tuberculous sent out of the market and reported to the Police.
„ 17th	...	Sow with broken leg sent out of market and slaughtered.
June 21st	...	Black and white cow suspected to be tuberculous sent out of the market and reported to the Police.
„ 21st	...	Blue roan cow suspected to be tuberculous sent out of the market and reported to the Police.
„ 21st	...	Red heifer suspected to be tuberculous sent out of the market and reported to the Police.
„ 21st	...	12 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 28th	...	Red cow suspected to be tuberculous sent out of the market and reported to the Police.
July 26th	...	5 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 26th	...	13 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 26th	...	2 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
September 27th.	...	White heifer suspected to be tuberculous sent out of the market and reported to the Police.
October 4th	...	Red and white cow suspected to be tuberculous sent out of the market and reported to the Police.
„ 4th	...	Red cow suspected to be tuberculous sent out of the market and reported to the Police.
November 1st	...	6 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 15th	...	11 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
„ 29th	...	Blue and white cow suspected to be tuberculous sent out of the market and reported to the Police.
„ 29th	...	15 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.
December 6th	...	18 store pigs suspected to be suffering from swine fever sent out of the market and reported to the Police.

- December 13th... Red cow suspected to be tuberculous sent out of the market and reported to the Police.
- „ 20th... 6 pigs from infected area (swine fever) returned under restrictions.

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 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
„	...	Willcox.
„	...	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. Sansom
Rainsford Road	...	A. Brown
Legg Street	...	Marriage & Willis

There is no underground bakehouse in the Borough.

One bakehouse (Nice, Springfield Road), has been closed.

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	...	...	...	30
Diphtheria	..	...	...	13
Paratyphoid B	...	...	...	4

The number of disinfections done was as follows:—

Scarlet Fever	...	...	...	...	36
Diphtheria	...	...	...	...	19
Consumption	...	...	...	...	6
Cancer ...	...	...	...	...	1
Typhoid and Paratyphoid	...	...	...	...	5
Other Illness	...	...	...	...	4

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 74 licences to store petroleum and 16 to store carbide of calcium were granted, as against 70 and 16 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	" "	" "	"
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, 1930.

MAJOR W. S. MULVEY, O.B.E., T.D., F.R.C.V.S.

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

GENTLEMEN,

I have much pleasure in reporting that nothing of an unusual nature has arisen in connection with my duties as Veterinary Inspector to the Borough during the year ended 31st December, 1929.

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 necessary.

The number of cowsheds in the Borough is	...	...	11
" " cows " " (approx.)...		...	250
" " cows excluded from cowsheds in the Borough during the year was	...	...	15
" " samples of milk examined during the year was	...	...	65
" " cows tested with the tuberculin test during the year was	...	...	87
" " visits paid to cowsheds during the year was		...	118

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

Samples have been 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.

F. J. Carter, Gardiners Farm, Great Baddow
A. W. Whiting, Baddow Road
T. Chaplin and Sons, Galleywood
R. Partridge, Patching Hall, Broomfield

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
 E. C. Cottey, Wood Farm, Galleywood
 F. Ritchens, 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 1929 was approximately : -

Beasts	...	...	...	2,650
Sheep	...	...	...	11,145
Calves	...	...	...	400
Pigs ...	...	...	...	9,000
Cows	...	...	...	60
Goats	...	...	...	40

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	...	...	...	...	6
Cows	...	...	...	...	86
Lambs	...	..	...	...	2
Pigs	...	...	...	...	8
Bullocks	...	...	...	...	8
Bulls	...	...	...	...	1

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 butchers' shops in the town is 23.

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	...	...	...	382
Boars ...	...	...	...	20
Goats ...	...	...	...	40

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

CONDEMNED : Horses 19 ; boars 3 ; goats nil.

Market.

The Corporation Market has been regularly attended on each market day 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.

1929.

January 4th	...	Red and white cow, suspected to be tuberculous, sent out of the market and reported to the police.
" 25th	...	10 store pigs, suspected to be suffering from swine fever, sent out of the market and reported to the police.
February 1st	...	12 store pigs, suspected to be suffering from swine fever, sent out of the market and reported to the police.
" "	...	6 store pigs, suspected to be suffering from swine fever, sent out of the market and reported to the police.
" 22nd	...	Red cow suspected to be tuberculous, sent out of the market and reported to the police.
March 15th	...	Red heifer, suspected to be tuberculous, sent out of the market and reported to the police.
" 22nd	...	Blue bullock, fractured thigh, sent out of the market and slaughtered.
April 5th	...	Two store pigs, suspected swine fever, sent out of the market and reported to the police.
" "	...	Black and white cow, suspected tuberculous, sent out of market and reported to the police.

May 3rd	...	Cow, suspected tuberculous, sent out of the market and reported to the police.
„ 17th	...	Sow with broken leg, sent out of market and slaughtered.
June 21st	...	Black and white cow, suspected tuberculous, sent out of the market and reported to the police.
„ „	...	Blue roan cow, suspected tuberculous, sent out of the market and reported to the police.
„ „	...	Red heifer, suspected tuberculous, sent out of the market and reported to the police.
„ „	...	12 store pigs, suspected swine fever, sent out of the market and reported to the police.
„ 28th	...	Red cow, suspected tuberculous, sent out of the market and reported to the police.
July 26th	...	5 store pigs, suspected swine fever, sent out of the market and reported to the police.
„ „	...	13 store pigs, suspected swine fever, sent out of the market and reported to the police.
„ „	...	2 store pigs, suspected swine fever, sent out of the market and reported to the police.
Sept. 27th	...	White heifer, suspected tuberculous, sent out of the market and reported to the police.
October 4th	...	Red and white cow, suspected tuberculous, sent out of the market and reported to the police.
„ „	...	Red cow, suspected tuberculous, sent out of market and reported to the police.
Nov. 1st	...	6 store pigs, suspected swine fever, sent out of market and reported to the police.
„ 15th	...	11 store pigs, suspected swine fever; sent out of market and reported to the police
„ 29th	...	Blue and white cow, suspected tuberculous, sent out of market and reported to the police
„ 29th	...	6 store pigs, suspected swine fever, sent out of market and reported to the police
„ 29th	...	9 store pigs, suspected swine fever, sent out of market and reported to the police
Dec. 6th	...	18 store pigs, suspected swine fever, sent out of market and reported to the police
„ 13th	...	Red cow, suspected tuberculous, sent out of market and reported to the police
„ 20th	...	6 pigs from infected area (swine fever), returned under restrictions.

Owing to a large outbreak of swine fever, the Market was closed to store pigs from December, 1929, to March 5th, 1930.

Contagious Diseases.

				Chelmsford Division.		Chelmsford Borough.
Swine Fever	...	...	...	9	...	Nil
Anthrax	...	...	...	3	...	Nil
Mange	...	...	...	Nil	...	Nil
Sheep Scab	...	...	...	Nil	...	Nil
Foot and Mouth Disease		...	...	Nil	...	Nil
Tuberculosis	...	...	...	78	...	10

Animals exposed for Sale in 1929.

Sows and pigs	...	...	...	32
Fat pigs	...	...	...	12,812
Store pigs	...	...	...	12,402
Rams	...	...	...	225
Fat sheep	...	...	...	3,540
Store sheep	...	...	...	14,985
Lambs	...	...	...	364
Bulls	...	...	...	334
Fat beasts	...	...	...	2,698
Store beasts	...	...	...	9,497
Dairy cows	...	...	...	2,476
Fat calves	...	...	...	102
Store calves	...	...	...	4,640
Horses	...	...	...	600
Goats	...	...	...	Several

Horses.

One has been disposed of as unfit for further service. With the exception of temporary ailments, their health and condition have been good.

I have the honour to be

Mr. Mayor and Gentlemen,

Your obedient Servant,

W. S. MULVEY,

Veterinary Inspector.

