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BOROUGH OF BEVERLEY.

REPORT

OF THE

Medical Officer of Health

(H. L. MUNRO, M.D.),

For the Year 1921.

Beverley :

KEMP AND SON, PRINTERS, MARKET PLACE.

1922.



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*To the Mayor, Aldermen, and Burgesses of the Borough of
Beverley, acting as the Urban District Council.*

Gentlemen,

I have the honour to submit to you my ninth Annual Report as Medical Officer of Health for the Borough.

In accordance with instructions received from the Ministry of Health, dated December 28th, 1921, the scope of this Report has been limited, and a full Survey Report will only be required at intervals of five years.

Miss Heward, the Health Visitor, resigned her post in November, and Miss D. Dixon was appointed to the vacancy, and commenced duty on December 1st.

I have again to thank the Chairman of the Health Committee (Mr. Alderman Schofield), the Members of the Committee, and the various Officials of the Council, for their support and assistance during the year.

I am, Mr. Mayor and Gentlemen,

Your obedient Servant,

H. L. MUNRO, M.D.,

Medical Officer of Health.

March 1st, 1922.

1.—GENERAL STATISTICS.

Area (acres)	2,411
Population (1921)	13,550
Number of Inhabited Houses (1911)	3,309
Rateable Value	£58,323
Sum represented by a penny Rate ...	£228

2.—EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	Total.	M.	F.	
Births {	Legitimate ...	298	170	128
	Illegitimate ...	24	13	11
Deaths	192	96	96	

Birth Rate (R.G.) 20·7

Death Rate (R.G.) 14·16

Number of Women dying in, or in consequence of,
Childbirth:—

From Sepsis Nil.

From other Causes Nil.

Deaths of Infants under one year of age per
1,000 births 83·8

Legitimate, 24; Illegitimate, 3; Total ... 27

Deaths from Measles (all ages) Nil.

Deaths from Whooping Cough (all ages) 3

Deaths from Diarrhoea (under 2 years of age) 7

3.—NOTIFIABLE DISEASES DURING THE YEAR.

Disease.	Total cases notified.	Cases admitted to Hospital.	Total Deaths.
Diphtheria	17	0	1
Scarlet Fever	1	0	0
Enteric Fever	2	0	0
Puerperal Fever	0	0	0
Pneumonia	11	4	9
Erysipelas	5	0	1
Tuberculosis:—			
(a) Pulmonary (M.)	14	12	6
(F.)	13	9	8
	—	—	—
Total	27	21	14
(b) Non-Pulmonary (M.) ...	4	1	1
(F.) ...	3	1	3
	—	—	—
Total	7	2	4

The ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths was one-third.

There is often delay and neglect in the notification of Tuberculosis, and also Pneumonia.

Ophthalmia Neonatorum.	Cases			Vision unimpaired.	Vision impaired.	Total blindness.	Deaths.
	Notified.	Treated					
		At home.	In hospital.				
...	3	3	...	2	1	0	0

ADMINISTRATION OF LOCAL ACTS OR GENERAL ADOPTIVE ACTS IN FORCE IN THE DISTRICT.

The general adoptive Acts in force in the Borough are :

- The Infectious Diseases Act, 1889.
- The Public Health Acts (Amendment Act), 1890.
- The Public Health Acts (Amendment Act), 1907.
- The Private Street Works Act, 1892.
- The Notification of Births Act, 1907.

5.—SUMMARY OF NURSING ARRANGEMENTS, HOSPITALS, AND OTHER INSTITUTIONS AVAILABLE FOR THE DISTRICT.

1.—PROFESSIONAL NURSING IN THE HOME.

(a) *General*.—The Beverley Town Nursing Association which is supported by voluntary subscriptions, maintains one Trained Nurse, and the Corporation subscribes 10 guineas a year to it.

(b) *Infectious*.—The District Nurse is available for nursing cases of Measles as required.

2.—MIDWIVES.

There are three Certificated Midwives practising in the Borough. One is maintained by the Town Nursing Association, and the Corporation subscribes 25 guineas a year towards her Salary.

3.—CLINICS AND TREATMENT CENTRES.

There is a Maternity and Child Welfare Centre, and a School Clinic, both of which are maintained and managed by the Corporation, and are situated at 16, Lairgate. The Maternity Centre is open each Wednesday, at 2-30 p.m., and the average attendance was 24.

There is a Tuberculosis Dispensary provided by the East Riding County Council, and situated in Register Square.

The Centre for the treatment of Venereal Diseases is provided by the County Council at the Royal Infirmary, Hull.

4.—HOSPITALS PROVIDED OR SUBSIDISED BY THE LOCAL AUTHORITY OR THE COUNTY COUNCIL.

1. *Tuberculosis*.—The County Council Sanatorium at Raywell is available for Patients from Beverley.

2. *Maternity*.—None available.

3. *Children*.—The Beverley Cottage Hospital takes in cases of Pneumonia, and Infantile Diarrhoea, by arrangement with the Medical Officer of Health, and the Council pays one guinea a week for such cases, if the parents are not able to afford to defray the cost.

Cases of Ophthalmia Neonatorum are also admitted, together with the mother.

4. *Fever*.—No Fever Hospital exists, but the Council have been in communication with the County Council, with a view to obtaining treatment of cases at the Driffeld Hospital.

5. *Small Pox*.—There is a Small-pox Hospital which can accommodate 8 Patients. It is the property of the Corporation, and is situated in Queensgate.

5.—AMBULANCE FACILITIES.

There is a Motor Ambulance provided by the Red Cross, and kept in the town under the care of the County Council.

6.—LABORATORY WORK.

Pathological and Bacteriological Examinations are carried out by the Clinical Research Association. During the year the following examinations were made:—Specimens of Sputum, 27; Swabs from the Throat and Nose, 60; specimens of Blood for Enteric, 2.

Anti-Diphtheric Serum is provided free in all cases.

7.—SANITARY ADMINISTRATION.

Dwelling Houses Inspected	116
" " Disinfected after cases of ordinary Infectious Disease	11
" " Disinfected after cases of Phthisis ...	19
" " Re-drained	58
Number of Inspection Chambers fitted with Iron air- tight Covers	29
" " Extensions to House Drains	10
" " House Drains choked and remedied	49
" " Privies converted to Single-pull Water Closets	98
" " Fresh Water Closets	1019
" " Privies with Fixed Receptacles	2135
" " Privies with Movable Receptacles	876
" " Cesspools Removed	2
" " Loads of Domestic and other Refuse re- moved	4243
" " Cases in which Yards, &c., have been Concreted	53
" " Houses Re-spouted	7
" " Nuisances abated from various causes	276
" " Water Samples taken for Analysis	24
" " Milk Samples taken for Analysis	18
" " Houses newly supplied with Water Mains	76
" " Houses supplied from Water Mains	2200

Number of Dairies and Cowsheds on Register	46
„ „ Cows	145
„ „ Visits to Cowsheds	115
„ „ Visits to Dairies	175
Defects Found	6
Defects Remedied	6
Number of Slaughter Houses:—	
Registered, 4; Licensed, 14; Total	18
„ „ Visits to Slaughter Houses	1250
„ „ Defects Found and Remedied	0
„ „ Carcases Inspected	2188
(Beasts, 653; Sheep, 927; Pigs, 608.)	
„ „ Carcases Found Unfit for Food	5
(Beasts, 4; Pigs, 1.)	
„ „ Common Lodging Houses on Register	1
„ „ Visits to same	384
„ „ Canal Boats Inspected	14

During the year there was no outbreak of Contagious Disease amongst Cattle in the Borough.

The Dairies, Milk Shops and Cowsheds have been regularly inspected, and found to be in a satisfactory condition.

The Butchers' Shops and Slaughter Houses have been visited several times each week.

8.—PUBLIC HEALTH STAFF.

The Staff consists of one part-time Medical Officer, one part-time Veterinary Inspector, one whole-time Sanitary Inspector, and one whole-time Health Visitor, who also acts as School Nurse. The Sanitary Inspector has one man, who is engaged in inspecting Ash-pits, and in supervising the work of the Contractors.

9.—HOUSING.

Number of New Houses erected during the year:--

(a) Total	13
(b) As part of a Municipal Housing Scheme ...	12

1.—*Unfit Dwelling Houses.*

Inspection—(1) Total number of Dwelling Houses inspected for Housing Defects (under Public Health or Housing Acts)	116
(2) Number of Dwelling Houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	9
(3) Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	9
(4) Number of Dwelling Houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	107

2.—*Remedy of Defects without Service of Formal Notices.*

Number of Defective Dwelling Houses rendered fit in consequence of informal action by the Local Authority or their Officers	0
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3.—*Action under Statutory Powers.*

A.—Proceedings under Section 28 of the Housing, Town Planning, &c., Act, 1919.

(1) Number of Dwelling Houses in respect of which Notices were served requiring Repairs	9
---	---

(2) Number of Dwelling Houses which were rendered fit:—	
(a) by Owners	0
(b) by Local Authority in default of Owners	0
(3) Number of Dwelling Houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intention to close	0

B.—Proceedings under Public Health Acts.

(1) Number of Dwelling Houses in respect of which Notices were served requiring Defects to be Remedied	89
(2) Number of Dwelling Houses in which Defects were Remedied:—	
(a) by Owners	84
(b) by Local Authority in default of Owners	5

C.—Proceedings under Sections 17 and 18 of the Housing, Town Planning, &c., Act, 1909.

(1) Number of representations made with a view to the making of Closing Orders ...	0
(2) Number of Dwelling Houses in respect of which Closing Orders were made	0
(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	0
(5) Number of Dwelling Houses Demolished in pursuance of Demolition Orders	0

SAMPLES OF FOOD, &c., TAKEN
during the year ended

Samples.	Number Taken.	Taken Formally.	Taken Informally.
Milk	25	25	0
Baking Powder	3	1	2
Demarara Sugar	1	...	1
Camphorated Oil	1	...	1
Castor Oil	1	...	1
Butter	1	...	1
Lard	1	...	1
Pearl Barley	2	...	2
Yeast	1	...	1
Strawberry Jam	1	...	1
Malt Vinegar	2	...	2
Preserved Cream	1	...	1
Cream	2	...	2
Rice	1	...	1
Ground Almonds	1	...	1
Dessicated Cocoanut	1	...	1
Coffee	2	...	2
Honey	1	...	1
Pepper	1	...	1
Ground Rice	1	...	1
<hr/>			
Samples taken by Inspector of Food and Drugs	50	26	24
Do. Samples by the Inspector of Nuisances of New Milk for Public Health	18		18
<hr/>			
Total Samples	68	26	42

UNDER THE FOOD AND DRUGS ACTS

31st December, 1921.

Certified Genuine.	Unsatis- factory.	Remarks.
24	1	<p>1 Milk Sample taken formally was found to be, upon analysis, unsatisfactory. The Milk Fat found only shewing 2.45 per cent., Solids, not Fat, 8.64 per cent., Water, 88.91 per cent. As circumstances pointed that the Milk came direct from the cow, the Council decided not to take any further proceedings.</p> <p>2 Samples of Baking Powder from the same Vendor, 1 informally, the 2nd formally, were found upon analysis to be unsatisfactory. The Analysts observations on the informally Sample states: Satisfactory, but a little deficient in carbonic anhydride, and requesting a further Sample should be taken; that which was taken formally, the Analyst's statement is that the total carbonic anhydride should be at least 3 per cent., and the available carbonic anhydride 90 per cent. of this, or 7.2 per cent. This is therefore at least 25.0 per cent. deficient in total carbonic anhydride, and 41.6 per cent. deficient in available carbonic anhydride. The view the Council took in this matter was that the Vendor was not the manufacturer, and that no further action should be taken.</p>
1	2	
1	...	
1	...	
1	...	
1	...	
1	...	
2	...	
1	...	
1	...	
2	...	
1	...	
2	...	
1	...	
1	...	
1	...	
47	3	
17	1		1 Sample deficient in Milk Fat at least 20 per cent. A formal Sample taken afterwards was found to be genuine.
64	4	

FOOD.

PUBLIC HEALTH (MILK AND CREAM)
REGULATIONS, 1912 & 1917.

REPORT FOR THE YEAR ENDED 31ST DECEMBER, 1921.

1.—Milk and Cream not sold as Preserved Cream.

	(a) Number of Samples examined for the Presence of a Preservative.	(b) Number in which Preservative was reported to be present and Percentage of Preservative found in each Sample.
Milk.	*25	Nil.
Cream.	2	Nil.

Nature of Preservative in each case in column (b), and action taken under the Regulations in regard to it.

2.—Cream sold as Preserved Cream.

(a) Instances in which samples have been submitted for analysis to ascertain if the statements on the label as to Preservatives were correct.

(i) Correct Statements made 1

(ii) Statements incorrect 0

—

1

*All these Samples were taken under the Sale of Food and Drugs Acts, and were examined for Preservatives. In addition to this there have been 18 informal Samples of Milk taken under the Public Health Act, all of which were also examined for Preservatives, and found to be free from the same.

Cases of Infectious Disease notified during the year 1921:—

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							
	At Ages— Years.							
	At all Ages	Und'r 1	1-5	5-15	15-25	25-45	45-65	65 and up'ds.
Small Pox ... ..	...	...	...	...	...	...	...	...
Cholera Plague ... ..	...	...	..	...	...	...	...	...
Diphtheria (including Membranous croup)	17	...	5	9	2	1	...	...
Erysipelas	5	...	...	...	...	2	1	2
Scarlet Fever	1	...	...	...	1	...	...	...
Typhus Fever ... ..	...	...	...	...	...	...	...	...
Enteric Fever	2	...	...	1	...	1	...	...
Relapsing fever (R) Continued fever (C)	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...
Pneumonia	11	...	1	...	1	4	4	1
Cerebro-spinal Meningitis...	...	...	...	...	...	...	...	...
Poliomyelitis ... ..	...	...	...	...	...	...	...	...
Malaria ... ..	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	3	3	...	...	...	...	...	...
Pulmonary Tuberculosis...	27	...	...	10	3	11	3	...
Other forms of Tuberculosis...	7	...	1	5	1	...	...	...
Totals	78	3	7	25	8	19	8	3

Causes of Death. Civilians only.	M	F
ALL CAUSES	96	96
Whooping Cough	1	2
Diphtheria		1
Influenza		3
Tuberculosis of Respiratory System	6	8
Other Tuberculosis Diseases	1	3
Cancer, Malignant Disease	9	7
Diabetes	1	1
Cerebral Hæmorrhage, &c.	8	5
Heart Disease	9	16
Arterio-sclerosis		2
Bronchitis	9	10
Pneumonia (all forms)	8	1
Ulcer of Stomach or Duodenum	1	
Diarrhœa, &c. (under 2 years)	5	2
Appendicitis and Typhlitis		3
Cirrhosis of Liver	1	
Acute and Chronic Nephritis	2	3
Congenital Debility and Malformation, Pre- mature Birth	6	4
Suicide	2	
Other Deaths from Violence	3	1
Other Defined Diseases	23	24
Causes ill-defined or unknown	1	