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EAST RIDING OF YORKSHIRE  
COUNTY COUNCIL.

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ANNUAL REPORT

OF THE

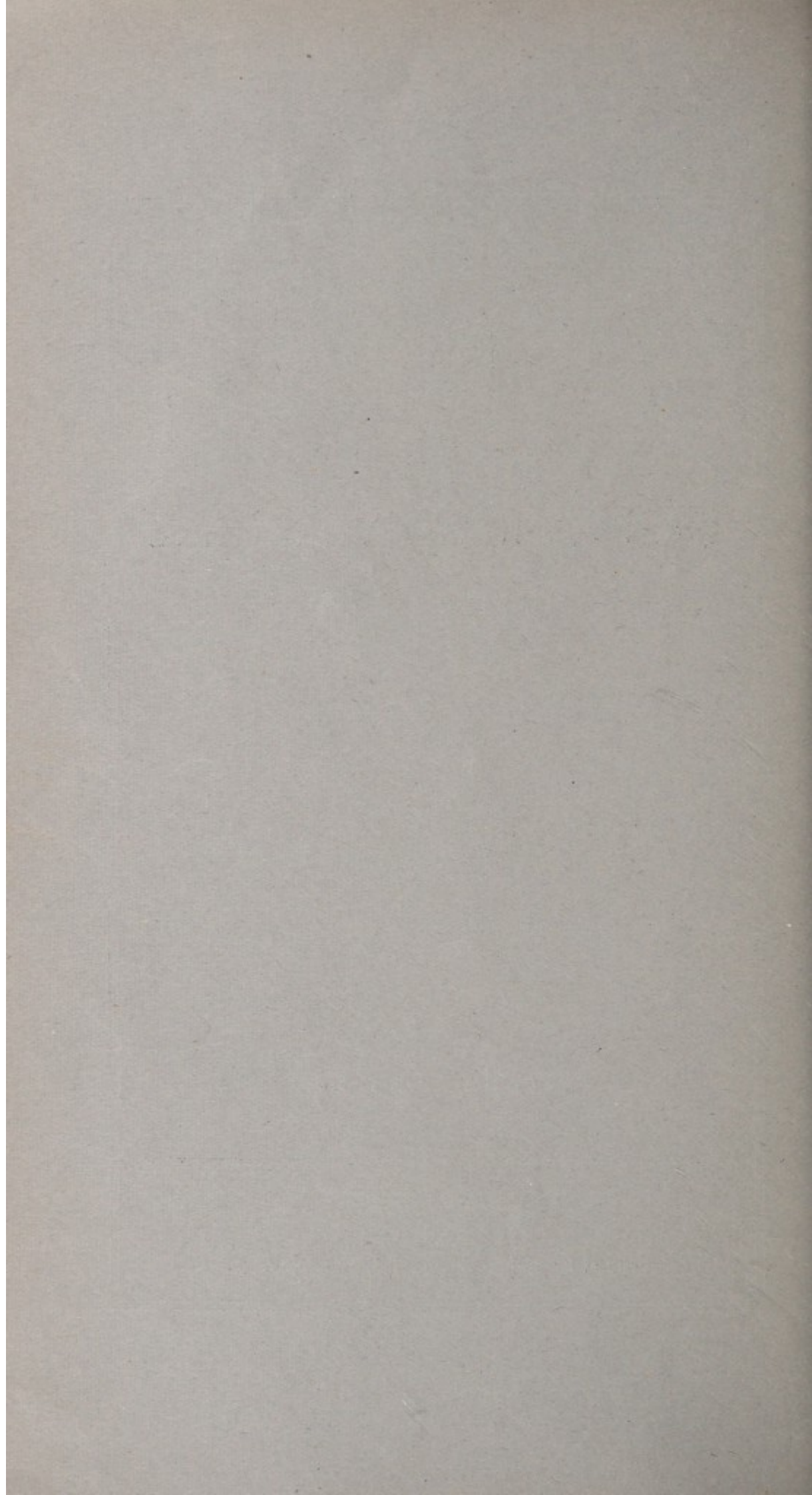
**Medical Officer of Health**

For the Year 1921.

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Beberley :

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## Administrative County of the East Riding of Yorkshire.

### Medical Officers of Health of the several Constituent Local Authorities.

Local Authority.	Name of Medical Officer.	Annual Report Received.
MUNICIPAL BOROUGHES.		1922.
Beverley	...H. L. Munro, M.D. ....	2nd May.
Bridlington	A. Kaye Jarratt, M.B. ....	Not received.
Hedon	.....J. Soutter, M.R.C.S. ....	6th May.
URBAN DISTRICTS.		
Cottingham	A. Tinley Sissons, M.B. ....	Not received.
Filey	.....J. T. Haworth, L.R.C.P. ....	26th April.
Gt. Driffield	G. Burgess, M.B. ....	Not received.
Hessle	.....J. M. Hermon, M.D. ....	30th May.
Hornsea	...H. D. Johns, M.D. ....	13th June.
Norton	....R. H. F. Bostock, L.R.C.P. ...	18th March.
Pocklington	Al. F. A. Fairweather, M.D. ...	15th June.
Withernsea	A. E. Sproule, L.R.C.P. ....	16th June.
RURAL DISTRICTS.		
Beverley	...J. E. Bailey, L.S.A. ....	19th May.
Bridlington	W. A. Wetwan, M.R.C.S. ....	30th May.
*Driffield	...Marshall Haver, M.B. ....	3rd May.
Escrick	.....Alwyn Raines, M.D. ....	24th April.
Howden	....R. B. Brown, L.R.C.P. ....	Not received.
Norton	.....L. C. Walker, M.R.C.S. ....	Not received.
Patrington	..W. H. Coates, M.A., M.B. ...	25th March.
Pocklington	Al. F. A. Fairweather, M.D. .	15th June.
Riccall	.....W. Bertram Hill, M.D., D.P.H.	15th May.
Sculcoates	...J. M. Hermon, M.D. ....	5th June.
Sherburn	....H. T. Hollings, L.R.C.P. ....	3rd June.
Skirlaugh	...H. D. Johns, M.D. ....	1st June.

\*Vice T. Sanctuary, M.D., (resigned).



*To the Chairman and Members of the Public  
Health and Housing Committee.*

MY LORDS, LADIES AND GENTLEMEN,

I have the honour to submit to you the Annual Report on the Health and Sanitary Administration of the County for the year 1921.

In accordance with the instructions of the Ministry of Health (Circular 269) this Annual Report is not to be a survey report, and therefore omits details as to conditions which do not vary from year to year. The survey reports will be required at intervals of not more than five years. The Annual Reports for 1919 and 1920 were treated as constituting the first of the series of survey reports.

The birth-rate for the year is 21.14 per 1,000 of the population, which is slightly above the average for the previous ten years of 20.3.

The death-rate of 12.37 compares favourably with the average of 13.6 for the previous ten years.

The infantile mortality rate is 76.3 per 1,000 registered births, compared with 83 for the whole of England and Wales.

The death-rate from tubercular diseases of the lungs is .74 per 1,000 of the population, a figure which shows a slight reduction on the rate for the previous year of .78.

The number of deaths certified as due to Cancer or other forms of malignant disease is 230, giving a death-rate of 1.41 per 1,000 of the population.

The number of cases of Typhoid Fever which occurred in the County was 29. This figure is still high but compares very favourably with the average of 35 for the previous 10 years.

The Sanatorium at Raywell which only had temporary accommodation for male (ex-service) patients was, with the completion of the additional pavilions, opened for the treatment of both male and female adult patients and also children.

The Isolation Hospital at Driffeld with the increased accommodation has proved to be most serviceable, and is now able to meet all reasonable demands for the treatment of all kinds of infectious diseases.

Infant Welfare work in the County has progressed slowly owing to the need for economy, but another Centre has been started at Pocklington.

Housing work in the County still makes progress although hampered by the high cost of materials. Altogether 390 new houses have been completed, compared with 242 in 1920, and 46 in 1919.

With the exception of the extension of the main from Barlby to Osgodby, no new works of Public water supplies have been undertaken.

My thanks are due to the District Medical Officers for their co-operation, and to the staff, both professional and clerical, who have worked with me during the year.

I have the honour to be,

Your obedient Servant,

County Hall,

R. L. THORNLEY.

Beverley,

July, 1922.

The following is a summary of the rates (per 1,000 of the population) of the Births and Deaths in the Administrative County for the year 1921, together with the corresponding rates for England and Wales.

	Adminis- trative County.	Municipal Boroughs and Urban Districts.	Rural Districts.	England and Wales.
Birth-Rate .....	21·14	19·83	22·00	22·4
Death-Rate .....	12·37	13·70	11·50	12·1
Death-Rate among Infants under 1 year (per 1000 births).	76·30	76·70	76·10	83·0
Death-Rate from Principal Epi- demic Diseases..	·43	·55	·34	—
"    "    " Pulmonary Tuberculosis	·74	·90	·64	—
"    "    " other forms of Tuberculosis	·19	·18	·19	—
"    "    " Respiratory Diseases .....	1·42	1·50	1·37	—
"    "    " Cancer .....	1·41	1·67	1·24	—
"    "    " Heart Diseases.	1·41	1·42	1·40	—



The following circular letters and Orders were received during the year 1921 from the Ministry of Health:—

•  
Subject or Heading.

- Memo. 39/Foods. Suspected food poisoning.
- Circular 166. Approved Salvarsan Substitutes.
- Circular 172. Anthrax from Shaving Brushes.
- Circular 168. Medical Officers' Reports.
- Circular 182. Economy in Public Health Service.
- I.C.L. 345. Extra nourishment for tuberculous ex-service men.
- Circular 179. Examination of ex-service men by Tuberculosis Officer.
- Circular 174. Payment of Grant.
- Circular 181. Encephalitis Lethargica, etc.
- Composition of Housing Tribunals.
- Circular 196. Public Health (Tuberculosis) Regulations, 1921.
- Circular 191. Continuing Food Controller's Milk Orders.
- Circular 190. Transfer of Sanatorium Benefit.
- Circular 185. Supply of Milk to Mothers and children.
- Circular 153. Tenure of Office of Medical Officers and Inspectors of Nuisances.
- Circular 195. Grants. Blind Persons' Act, 1920.
- Circular 208. Reports on insured patients suffering from tuberculosis.
- Circular 202. Venereal Diseases Propaganda work.
- List of approved Salvarsan Substitutes.
- Milk (England and Wales) Order, 1921.
- Circular 217. Epidemic Diarrhoea.
- Circular C.L.I. Food Poisoning Enquiries.
- Circular 225. Local Authorities (Food) Order, 1921.
- Circular 231. Tuberculous emigrants to Australia.
- Circular 234. Milk for Mothers and Infants.
- Circular 243. Midwives and the Dangerous Drugs Act.
- Circular 246A. Treatment of Tuberculosis.



## Subject or Heading.

- Circular 248. Treatment of tuberculous ex-service men.  
Circular 257. Treatment of Tuberculosis.  
Circular 267. Milk for Mothers and Infants.  
Circular 271. Seamen's Advisory Committee.  
Circular 270. Medical Officers Report under Milk and Cream Regulations.  
Circular 269. Medical Officer's Annual Report for 1921.  
Circular 272. Maternity and Child Welfare.

**MINISTRY OF HEALTH INQUIRIES.**

Three notices of Inquiries were received from the Ministry of Health during the year, viz. :—

1. Referring to an application by the Riccall Rural District Council for sanction to borrow £2,310 for works of water supply for the township of Osgodby. Inquiry held 4th January, 1921.

2. Referring to an application by the Borough of Beverley for sanction to borrow £1,350 for works of sewerage in Wood Lane and St. Mary's Terrace. Inquiry held 18th May, 1921.

3. Referring to an application by the Borough of Bridlington for sanction to borrow £2,810 for alterations and extensions to the Spa, and £300 for the extension of the sewer in Watson's Avenue. Inquiry held 4th October, 1921.

## Part I.

# Vital Statistics.

### POPULATION.

The Census was taken on 19/20th June, 1921, having been postponed from 24th April on account of industrial unrest.

The figures when issued showed that the recognised holiday resorts were credited with increases of population to which they were not entitled. In the East Riding such places as Filey, Bridlington, Hornsea and Withernsea, all on the coast, showed marked increases of population when compared with the Census of 1911, whereas the rest of the County showed practically no increase at all. On this account the figures given by the Registrar General for the year 1921, and on which all the Vital Statistics are calculated, have been amended, so that whereas the Census credited the County with a population of 173,704, the amended figures give only 162,917 for birth-rate and 162,631 for death-rate. In only one Sanitary District, viz., Howden Rural, are separate figures given for birth-rate and death-rate respectively. This presumably is due to the presence of a non-civilian population at Howden Aerodrome.

Districts.	Census, 1921.	Estimated, 1921.	
		For Birth- rate.	For Death rate.
Administrative County .....	173,704	162,917	162,631
Urban Districts .....	74,498	64,442	64,442
Rural Districts.....	99,206	98,475	98,189



**BIRTHS AND BIRTH RATES.**  
(per 1000 Total Population).

Districts.	Average rate for the ten years 1911—1920	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921
Administrative County .....	20.3	21.6	21.2	20.7	20.7	20.4	16.9	17.5	17.4	24.3	21.1
Urban Districts..	19.3	20.9	19.9	20.3	19.1	19.4	16.2	15.6	16.7	23.9	19.8
Rural Districts...	20.8	21.8	22.0	21.0	21.7	20.9	17.4	18.7	17.8	24.5	22.0

3,445 births were registered during the year, being 416 less than 1920, when 3,861 were registered. Of the 3,445 births, 1,278 were registered in the urban districts and 2,167 in the rural.

The birth-rate for the County was 21.14 per 1,000 of the population, which compares unfavourably with 24.3 for the year 1920.

The highest rates recorded were:—

Riccall Rural District .....	26.74	per 1,000 population.
Sherburn Rural District .....	26.02	„ „
Driffild Rural District .....	24.46	„ „

The lowest rates recorded were:—

Withernsea Urban District .	13.44	„ „
Escrick Rural District .....	17.17	„ „
Hessle Urban District .....	17.54	„ „

The birth-rate for the whole of England and Wales was 22.4, compared with 25.4 in 1920.

**ILLEGITIMATE BIRTHS.**

270 illegitimate children were born in 1921, being 11 more than in the previous year.

95 of these births occurred in the urban and 175 in the rural districts.

The proportion of illegitimate births to legitimate is 1 to 12, and the illegitimate birth-rate is 1.65 per 1,000 of the population.



The subjoined table shows the number of illegitimate births for a series of years:—

Districts.	Years.								
	1913	1914	1915	1916	1917	1918	1919	1920	1921
Administrative County .....	270	251	262	262	216	255	251	259	270
Urban Districts..	87	97	99	120	95	110	118	100	95
Rural Districts..	183	154	163	142	121	145	133	159	175

### DEATH-RATES FROM ALL CAUSES (ALL AGES).

(per 1000 of the Population).

Districts.	Average rate for the ten years 1911—1920	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921
Administrative County .....	13.6	12.3	12.7	11.9	14.5	13.8	14.5	17.2	13.4	12.3	12.3
Urban Districts..	14.6	12.4	13.8	12.7	15.9	14.1	17.0	18.0	13.7	14.1	13.7
Rural Districts..	12.9	12.2	12.0	11.3	13.5	13.7	12.9	16.7	13.1	11.0	11.5

The total number of deaths registered was 2,013 (1,086 males and 927 females), as compared with 1,953 in 1920, namely, an increase of 60.

The deaths in the urban districts amounted to 883 (461 males and 422 females), and in the rural districts to 1,130 (625 males and 505 females).

The death-rate for the whole County was 12.37; for the urban districts 13.70, and for the rural districts, 11.50.

The highest rates recorded were:—

Hedon Borough .....	16.69 per 1,000 population.
Bridlington Borough .....	16.03        „        „
Sherburn Rural District .....	14.94        „        „

The lowest rates recorded were:—

Norton Rural District .....	9.58	„	„
Hessle Urban District .....	9.67	„	„
Sculcoates Rural District .....	9.67	„	„

The death-rate for the whole of England and Wales was 12.1.

### DEATHS AMONGST CHILDREN UNDER ONE YEAR.

Death-rate among Infants per 1000 Births.

Districts.	Average rate for the ten years 1911—1920	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921
Administrative County .....	82	74	87	83	75	76	93	85	74	66	76
Urban Districts..	84	61	95	89	74	70	99	89	73	71	76
Rural Districts..	81	83	83	80	76	79	90	82	75	63	76

The total number of deaths amongst children under one year of age was 263, being 5 more than in 1920.

Of the 263 deaths, 98 occurred in the urban and 165 in the rural districts.

The rate for the County was 76.3 per 1,000 registered births. In the urban districts it was 76.7, and in the rural districts 76.1.

The districts with the highest rates are as follows:—

Sherburn Rural District .....	129.6	per 1,000 births.
Withernsea Urban District ....	115.4	„ „
Howden Rural District .....	110.7	„ „

The districts with the lowest rates are:—

Hedon Borough .....	No deaths under 1 year.
Norton Rural District .....	25.2 per 1,000 births.
Hessle Urban District .....	28.0 „ „

The infantile death-rate for the year of 76 does not compare favourably with that for 1920 of 66, which was the lowest ever recorded in the County. It is, however, still below the average for the whole of England and Wales, which is 83.



As usual the proportion of deaths of illegitimate infants is far greater than that of legitimate infants. If the figures of both groups are analysed it will be seen that whereas the mortality rate of the legitimate infants is 72 per 1,000, that of the illegitimate infants is 122 per 1,000. The reason lies probably in the fact that the mother is often earning her own living, and is consequently unable to look after the child, which is also in many cases unwanted.

### INQUESTS.

126 inquests were held during the year, compared with 108 in 1920, and 143 in 1919.

The causes of death returned by the Coroners of the four Districts in the County were as follows:—

Causes of Death.	Total.	East Riding District.	Holderness District.	Howdenshire District.	Eserick District.
Natural Causes .....	42	29	1	4	8
Accidental Death ...	39	17	15	3	4
Found Drowned .....	10	2	5	...	3
Suicide .....	24	14	5	2	3
Other Verdicts .....	11	5	2	4	...
	—	—	—	—	—
Totals .....	126	67	28	13	18
	—	—	—	—	—



**PART II.****Sanitary Circumstances.**

- 
- (a) Water Supplies
  - (b) Drainage and Sewerage.
  - (c) Closet Accommodation.
  - (d) Scavenging.
  - (e) Schools.

Full extracts, dealing with these subjects, from the Reports of the District Medical Officers of Health were given last year in the Survey Report, so I have this year only added any special circumstances relative thereto.

**WATER SUPPLIES.**

*Withernsea Urban District.*—"The public water supply was laid on to 126 additional dwelling houses during the year, bringing the total thus supplied to 686, or about 71 per cent. of the whole. Thirteen samples of well-water were sent for analysis, and twelve wells were closed as unsafe."

*Bridlington Rural District.*—"This question is in the same position as in my last annual report, 1920. The public supply at Flamborough is the only one in active and beneficent going order. The Hunmanby scheme remains half completed, and all the other public services are dependant, more or less, on superficial wells worked by hand pumps, and with no distributing system."

*Patrington Rural District.*—"140 Houses are now supplied with Hull water."

*Pocklington Rural District.*—"The water supply at Seaton Ross showed, on analysis, marked pollution in various samples, and the Council decided to bore in order to obtain a suitable supply. Boring was carried out and water obtained at 140 feet, this water, on analysis, showing heavy mineral deposits, being practically a Spa water, and unfit for domestic use. The village of Millington was found to have a water supply highly contaminated, and the Council are taking steps to have a pure supply provided."

*Riccall Rural District.*—"Osgodby. A representative of the Ministry visited the District on the 4th January, and conducted an enquiry into the Council's proposal to extend the public water mains into this parish. Sanction was subsequently given, and the work is now almost completed.

"*Riccall.* A deep bore well has been sunk on the site of the new Council houses. An analysis of the water shows it to be of a reasonable degree of purity, though somewhat hard."

*Sherburn Rural District.*—"Complaints have reached me as to the supply of water during this year. Owing to the abnormal drought many of the wells were deficient. There has been considerable outcry for a water scheme at Sherburn."

*Skirlaugh Rural District.*—"Ten houses have been supplied from the Hull Corporation. One new well has been made and one new bore well."

#### DRAINAGE AND SEWERAGE.

*Withernsea Urban District.*—"The work of carrying into effect the Sewerage Scheme, approved in 1915, has not yet begun. In the meantime, forty-three houses in the District are beyond the reach of the existing sewer, 29 on the Waxholme Road, 9 on the Hull Road, and 4 on the Hollym Road, and one on the Holmpton Road. The outfall which was carried away by the sea in November, 1921, remains unrepaired, and owing to its discharging considerably above low water mark, is a danger to those frequenting the beach, especially to children, during the summer."

*Riccall Rural District.*—"Secs. 39—42, P.H.A., 1907, have been adopted by the Council, to be in force within the Parish of Barlby. No action has yet been taken under these Sections to obtain the conversion to a water carriage system. The matter has been discussed, but the Surveyor has expressed doubts as to the capacity and adequacy of the 'fall' of the existing sewers in certain portions of the parish."

#### CLOSET ACCOMMODATION.

*Filey Urban District.*—"Six additional W.C.'s have also been built. The total number of earth closets is now 240, and W.C.'s 950."



*Norton Urban District.*—"There are 451 houses with sanitary pans, 130 with ash-pits, and 214 with W.C.'s, and about six have been converted to the water closet system during the year."

*Withernsea Urban District.*—The Medical Officer recommends "that no extra charge should be made for having more than one W.C. in the house."

### SCHOOLS.

During the year 1921, 35 Schools were closed owing to outbreaks of infectious diseases, viz.:—

10 for Whooping Cough,  
7 for Measles,  
6 for Mumps,  
6 for Influenza,  
3 for Scarlet Fever,  
2 for Severe Colds,  
1 for Diphtheria.

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35

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Five of these Schools were closed by the District Medical Officers of Health, and the remainder by me as School Medical Officer.

*Beverley Rural District.*—"Every child suffering from an infectious disease, and members of the same family, are, as far as possible, excluded from the School. In many cases, however, no medical man is consulted, and therefore no official notification of an infectious disease is received. This being so, it is obviously impossible to carry out anything like a perfect isolation scheme."



**Part III.****Prevalence of, and Control over, Infectious Diseases.****TABLE II.**

**Cases of Infectious Diseases Notified during  
the year 1921.**

Notifiable Disease.	Urban Districts.	Rural Districts.	Adminis- trative County.
Scarlet Fever .....	110	106	216
Diphtheria (including Membranous Croup) .....	92	106	198
Enteric Fever .....	4	25	29
Puerperal Fever .....	1	3	4
Acute Polio-Encephalitis .....	1	—	1
Encephalitis Lethargica .....	1	1	2
Acute Poliomyelitis.....	1	3	4
Erysipelas .....	15	17	32
Ophthalmia Neonatorum .....	5	8	13
Pulmonary Tuberculosis .....	88	69	157
Other forms of Tuberculosis...	14	11	25
Dysentery .....	—	1	1
Pneumonia .....	30	17	47
Malaria .....	1	—	1
Totals.....	363	367	730

### ENTERIC FEVER.

This disease has fortunately not been so prevalent as might have been expected.

Most of the villages rely upon surface wells or on stored rain water for their supplies. During the drought in the summer months the wells were very low, and consequently very liable to pollution. Altogether 29 cases were notified, 4 in the urban districts and 25 in the rural. There were 31 cases in 1920 and 23 in 1919. The cases were all sporadic.

3 deaths were reported, compared with 7 in 1920.

### PUERPERAL FEVER.

Four cases were notified, compared with 3 in the previous year. There were 3 deaths. A qualified midwife did not attend at any of the cases.

### ENCEPHALITIS LETHARGICA.

Only two cases were notified, but the Table of Deaths shows that three were due to this cause.

### OPHTHALMIA NEONATORUM.

13 cases were notified, compared with 16 in the previous year. 8 cases occurred in the rural districts. With the exception of one case in the Borough of Beverley, there is no record of any impaired sight as a result.

In my last Annual Report I pointed out that the primary notification of the disease is sent to the District Medical Officer of Health, who, at the end of each week forwards a summary of all cases of notifiable disease to my Office. If there are any cases of Ophthalmia Neonatorum I have first to find out the name and address of the patient and then inform one of the Health Visitors, who visits to see if the case is receiving medical attention and care. The delay which occurs between the onset of the disease and the visit of the Health Visitor, although unavoidable, is to be regretted.

### SMALL-POX.

No cases occurred during the year, although the disease has appeared in other parts of Yorkshire.



## TUBERCULOSIS.

Altogether 159 notifications of Pulmonary Tuberculosis were received, and 25 of non-Pulmonary Tuberculosis.

The ratio of cases notified to deaths recorded from the disease varies greatly in different Counties. In the East Riding there were 121 deaths from Pulmonary Tuberculosis, while 159 notifications were received. These figures show that all cases are not notified, for the number of notifications should be about three times the number of deaths recorded, but, as I mentioned in the last Annual Report, the fact is that practitioners interpret the Regulations in a different manner, and in many cases only notify the disease if the sputum contains tubercle bacilli. In some *suspected* cases, too, the publicity consequent on the notification of the disease, with the resultant visit of a Nurse, deters practitioners from notifying. Some cases are not notified as they are assumed to have been already notified either in another district or by another practitioner. In some of the sanitary districts the primary notifications are not always sent on to this office by the Medical Officer of Health until after considerable delay, although entered on the weekly summary card.

NUMBER OF CASES OF PULMONARY TUBERCULOSIS AT  
DIFFERENT AGES NOTIFIED, 1921.

		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 & Up- wards.
URBAN	.....	...	...	6	7	19	10	...
RURAL	.....	...	...	5	7	23	3	...
URBAN	.....	...	...	4	12	21	3	...
RURAL	.....	...	...	5	12	20	1	1
Total	.....	—	—	20	38	83	17	1



NUMBER OF CASES OF NON-PULMONARY TUBERCULOSIS  
AT DIFFERENT AGES NOTIFIED, 1921.

			1	5	15	25	45	65 &
		Under	to	to	to	to	to	Up-
		1	5	15	25	45	65	wards.
URBAN	} Males	...	2	1	2	2	1	...
RURAL		1	...	2	3	1	...	...
URBAN	} Females	...	1	4	1	...	...	...
RURAL		1	...	...	2	1	...	...
Total .....		2	3	7	8	4	1	...

DEATHS FROM PULMONARY TUBERCULOSIS.

Districts.	1921.			Total 1920
	Total.	Male.	Female.	
Administrative County	121	58	63	125
Urban Districts	58	31	27	62
Rural Districts	63	27	36	63

DEATHS FROM OTHER FORMS OF  
TUBERCULOSIS.

Administrative County	31	17	14	39
Urban Districts	12	4	8	9
Rural Districts	19	13	6	30

### DEATH RATES FROM PULMONARY TUBERCULOSIS.

Districts.	Average rate for the ten years. 1911—1920	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921
Administrative County .....	0.77	0.76	0.64	0.71	0.71	0.76	0.85	0.97	0.81	0.78	0.74
Urban Districts..	0.89	0.87	0.71	0.77	0.92	0.85	1.10	1.08	0.69	0.98	0.90
Rural Districts..	0.70	0.69	0.60	0.67	0.55	0.70	0.68	0.90	0.88	0.65	0.64

### OTHER FORMS OF TUBERCULOSIS.

Administrative County .....	0.3	0.23	0.37	0.25	0.30	0.24	0.36	0.29	0.36	0.24	0.19
Urban District..	0.3	0.22	0.38	0.32	0.29	0.22	0.44	0.26	0.34	0.14	0.18
Rural Districts..	0.3	0.25	0.37	0.20	0.33	0.26	0.31	0.31	0.36	0.31	0.19

RAYWELL SANATORIUM. This Sanatorium, which is under the joint control of the City of York and the East Riding County Council, has now been completed by the erection of the necessary pavilions in accordance with the original scheme, long delayed by the war period.

Early in the year the administrative block was in use to give temporary accommodation for 36 male patients, preference being given to ex-service men. The accommodation now provides for 44 adults and 20 children. The adults have three separate pavilions, one for males, one for females, and a hospital block for both sexes. The cubicles are either for one or two beds, and each is heated by hot-water pipes. The children have their own pavilion for rest and meals, but sleeping accommodation is provided for them in the administrative block. They have no communication with the adult patients. The water supply is obtained from the City of Hull, but electric lighting, sewerage and laundry work are provided by the Institution.



The completion of the Sanatorium to deal with all classes of the community suffering from the disease coincided very happily with the transfer from the Insurance Committee of their duty in connection with the Sanatorium treatment of insured persons to the County Council. On and after the 1st May, 1921, County Councils became entirely responsible for the treatment of tuberculosis within their areas.

The Sanatorium is under the care of Dr. T. Readman, who is provided with a house in the grounds. He is also Assistant Tuberculosis Officer for the County.

TABLE SHOWING NUMBER OF CASES OF TUBERCULOSIS RECEIVING TREATMENT IN RESIDENTIAL INSTITUTIONS IN 1921.

Total cases Treated.		Discharged from Institution.						Residential Treatment Discontinued.		Still under Residential Treatment on 1st Jan., 1922.	
Male.	Fem.	Improved.		Without Improve't.		Died.		Male.	Female.	Male.	Female.
		Male.	Female.	Male.	Female.	Male.	Female.				
75	38	48	22	6	3	8	—	6	5	7	8
Totals.....		113		70		9		11		15	

No provision is made for the treatment of non-pulmonary tubercular disease at Raywell, but any individual cases, especially in children, who are not in need of surgical intervention, will be admitted if necessary. In this connection I should mention that no arrangements have been made with existing Institutions for the treatment of non-pulmonary tuberculosis. Special cases are sent to such Sanatoria as have vacancies. One case of tubercular disease of the spine was during the year sent to Alton in Hampshire. Any necessitous cases which require surgical apparatus are brought to the notice of the Committee with a view to the provision of what is necessary.

**CENTRAL DISPENSARY.** There is only one Dispensary in the County, at Beverley. It is open from 2 to 4 p.m. on Tuesdays and Fridays. Dr. Readman is in charge, and his services are available generally in the County on request.



The number of persons examined at or in connection with the Dispensary during the year was:—

	Insured.	Non-Insured.	Total.
Quarter ended 31st March...	53	95	148
„ „ 30th June ....	36	65	101
„ „ 30th Sept. ....	54	52	106
„ „ 31st Dec. ....	38	40	78
Totals .....	181	252	433

**SHELTERS.** Only five shelters are available, and these are in constant use. The cost of removal is still very high, but in future those requiring them will be expected to contribute thereto. The shelters are undoubtedly much appreciated, being roomy and of substantial construction. They are, too, very valuable, for they undoubtedly lessen the risk of infection in crowded households.

**TUBERCULOSIS NURSES.** The School Nurses visit all notified cases of tuberculosis. Altogether 999 visits were paid to 433 patients during the year. In practice it is found that quite a large number of cases hardly require visits, for they are sputum-negative cases. Not a few are able to follow their employment, and a small proportion are in such surroundings that they hardly require the visits of the Nurse. Only four objections to visits were received during the year. Where necessary, disinfectants and sputum flasks are provided gratis.

#### PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916.

The subjoined table shows the Clinics at which patients from the East Riding may attend, with the days and hours of attendance:—

Clinic.	Hours of Attendance.	
	Men.	Women and Children.
Hull Royal Infirmary—		
Mondays		Thursdays
3 to 7 p.m.		3-30 to 7 p.m.
Tuesdays		
3-30 to 7 p.m.		
Saturdays		
2 to 6 p.m.		

Leeds Gen. Infirmary—Tuesdays	Mondays
3 p.m.	3 p.m.
Wednesdays	Thursdays
6-30 p.m.	6-30 p.m.
	Tuesdays
	6 p.m. (Infants)
	Fridays
	1 p.m. (Infants)
York County Hospital—Mondays	Wednesdays
3 to 4 p.m.	3 to 4 p.m.
Thursdays	Fridays
6 to 7 p.m.	7 to 7-30 p.m.
Fridays	
7-30 to 8-30 p.m.	

The Centre at Leeds is very little used as it is too far away. It has not been necessary to suggest the opening of any new clinics.

Altogether 207 new patients were treated, compared with 152 in 1920 and 99 in 1919.

There are no facilities for irrigation treatment except at the Clinics, and there does not appear to be any need for further provision.

There is no branch of the National Council for Combating Venereal Disease in the County. The Society have urged the County Council to take further steps towards the formation of a branch with the idea of disseminating knowledge on the dangers of the disease. The Council, however, with the information gathered from the attendances at the Centres, together with the expressed opinion of the District Medical Officers as to the small prevalence of the disease, have not felt justified in increasing their expenditure in this direction. There is no question that the need for work of this nature is not so necessary in an agricultural county like the East Riding as in the industrial districts.

I quote the following extracts from the Annual Reports of the District Medical Officers of Health:—

*Filey Urban District*:—"There is no venereal disease in the town."

*Driffild Rural District*:—"There appears to be very little venereal disease in the district, and the arrangements seem to be adequate."



*Patrington Rural District*:—"In spite of alarmist rumours, venereal disease in this district is practically non-existent, and the same applies to the rural East Riding"

During the year 10 persons were assisted to obtain treatment by the payment of their travelling expenses at a cost of £22 7s. 10½d. Of this number 6 were men, 3 women and 1 an infant.

No salvarsan or substitutes were supplied to practitioners from this office. They can, however, obtain the drug through the Medical Officers of the Clinics.

TABLE III.

**Public Health (Venereal Diseases) Regulations, 1916.**

RETURN relating to persons residing in the East Riding of Yorkshire who were treated at the Treatment Centres during the year 1921.

OUT-PATIENT CLINIC—	Hull.	York.	Leeds.	Total 1921.	Total 1920
A. Number of persons dealt with for the first time and found to be suffering from—					
Syphilis.....	84	5	—	89	78
Soft Chancre .....	8	—	—	8	6
Gonorrhœa .....	93	2	—	95	58
Not suffering from Venereal Disease ...	13	1	1	15	10
Total.....	198	8	1	207	152
B. Total number of attendances at out-patient Clinic .....	1114	107	24	1245	1050
IN-PATIENT DEPT.—					
C Aggregate number of In-patient days.....	20	42	—	62	116
SALVARSAN SUBSTITUTES—					
D. Number of doses of Salvarsan substitutes given in connection with:—					
1. Out-Patient Clinic...	99	33	10	142	} 475
2. In-Patient Dept.....	31	—	—	31	

**Part IV.****Maternity and Child Welfare Act, 1918.**

As foreshadowed in my last Annual Report, the vacancies caused by the resignation of the two whole-time Midwives have not been filled. At the present time the expense incurred by their appointment is hardly justified. In six months one attended 8 confinements, and the other in the whole year attended 42.

Their spare time was utilised for health visiting, but even here this arrangement was not altogether satisfactory, partly because they had not had any special training for the work and also because there was not a sufficient number of infants in their districts to keep them fully employed. While on the other hand, to increase their areas would simply mean that most of their time would be spent travelling to a few scattered houses. The Midwives themselves also objected to undertaking work which was not midwifery.

The staff of Health Visitors remains the same, that is, a superintendent, who is also Inspector of Midwives, and four Assistant Health Visitors. For purposes of visiting the County has been divided into four areas, the visiting in each of which is done by a Health Visitor who resides at a convenient centre.

The following table shows the work done by the Health Visitors during the year:—

To expectant mothers:	
First Visits .....	175
Return Visits .....	34
To infants under one year:	
First Visits .....	2114
Return Visits .....	6032
To children between 1 and 5 years:	
Total Visits .....	1403
To illegitimate children (not included above):	
First Visits .....	151
Return Visits .....	229
Other Visits .....	74
Visits to insanitary premises .....	16
Total .....	10228



### INFANT WELFARE CENTRES.

One new Centre was opened during the year at Pocklington, making a total of three in the County. This Centre is in the old Wesleyan School. The necessary rooms have been lent free of charge for one afternoon each fortnight, subject to the Council paying the cost of cleaning. The centres at Driffield and Hessle are also held on one afternoon each fortnight. Dr. Moffat acts as Medical Officer at the Pocklington and Hessle Centres.

Sanction has been given by the Ministry of Health to open a Centre in Howden, but so far this has not been done.

Centre.	No. of Meetings.	Total No. of Attendances.	Avg. attendance per Session.
Driffield .....	25	369	15
Hessle .....	22	262	12
Pocklington ..	20	306	15

Milk has been provided free of cost to 47 necessitous persons, compared with 41 in 1920. The details of all cases are submitted to the Committee quarterly. The total cost for the year was £43 13s. 11d. It was not thought advisable to provide meals for expectant mothers in accordance with Circular 267 of the Ministry of Health. The terms and conditions of the Scheme under which meals could be supplied made it impracticable for the very small number of cases to be dealt with in the sparsely populated districts.

### MATERNITY HOME.

The Maternity Home at Driffield, to which reference was made in the last Report, has been open during the year to a limited extent. At one time it was proposed to have accommodation for not less than 8 beds with the necessary staff, but for reasons of economy only two beds were actually provided, and instead of a Nurse being constantly on the premises, arrangements were made whereby the Inspector of Midwives was enabled to live at the Home and attend to any cases which might be admitted during the year. This arrangement, although not altogether convenient, has in practice worked smoothly. The only other person on the premises is a maid.

Twelve cases were admitted during the year, and all were discharged convalescent after an average stay of 21 days. The sum of £49 10s. was received in fees.

Final approval of the Home was received from the Ministry of Health subject to arrangements being made for the removal of any case which might unfortunately prove to be septic to the Isolation Hospital.

#### NURSING ASSOCIATIONS.

Three local associations, namely, those of Hornsea, Howden, and Sutton, receive an Annual Grant of £25 each from the County Council on condition that they employ a Nurse-Midwife who will also act as Health Visitor in their respective districts.

The subjoined table shows the work done by these Nurse-Midwives during the year:—

	Howden.	Hornsea.	Sutton.
To expectant mothers:			
First Visits .....	29	49	26
Return Visits .....	20	54	56
To infants under 1 year:			
First Visits .....	94	76	35
Return Visits .....	201	88	186
To infants between 1 and 5 years .....	87	61	30
To illegitimate children (not included above):			
First Visits .....	9	...	1
Return Visits .....	17	...	7
Confinements attended:			
With a doctor .....	7	40	14
Without a Doctor .....	26	6	18
Totals .....	490	374	373

#### NOTIFICATION OF BIRTHS ACTS, 1907 & 1915.

NUMBER OF BIRTHS NOTIFIED DURING THE YEAR 1921.

First Quarter .....	621
Second Quarter .....	687
Third Quarter .....	639
Fourth Quarter .....	592
Total .....	2539



The total number of births registered during the year was 3,445, or, after deduction of those which occurred in the Boroughs of Beverley and Bridlington (which are not notifiable to this Office), 2,852. The number of births notified was therefore 89 per cent. of those registered, compared with 91 per cent. in the previous year.

I have had considerable difficulty in securing prompt notification of births, but with requests to medical practitioners for their co-operation I hope the figures will show an improvement in the future. The following table shows the position as regards notification in the various Registration Districts of the County:—

Registration District.	Sanitary Districts.	Births Registered	Births Notified.	Difference.
Selby .....	Riccall R. ....	142	136	—6
York .....	Eserick R. . . .	101	88	—13
Pocklington ...	Pocklington U. .	52	50	—2
	Pocklington R. .	223	190	—33
Howden .....	Howden R. ....	289	281	—8
Beverley .....	Beverley R. ....	259	232	—27
Sculcoates ...	Cottingham U. .	98	52	—46
	Hessle U. ....	107	107	
	Hedon M. B. ...	30	34	+4
	Sculcoates R. ....	218	212	—6
Patrington ...	Withernsea U. .	52	45	—7
	Patrington R. ....	163	169	+6
Skirlaugh .....	Hornsea U. ....	82	70	—12
	Skirlaugh R. ...	158	172	+14
Driffield .....	Driffield U. ....	118	122	+4
	Driffield R. ....	285	278	—7
Bridlington ...	Bridlington R. .	156	97	—59
Scarborough	Filey U. ....	60	59	—1
	Sherburn R. ....	54	40	—14
Malton .....	Norton U. ....	86	31	—55
	Norton R. ....	119	74	—45
	Totals .....	2852	2539	—313

In four Districts the figures given show that more births have been notified than registered. This is accounted for by the fact that the numbers of births in column 3 are those registered during the calendar year, and are corrected for inward and outward transfers; they will accordingly differ from uncorrected figures compiled locally. It will be seen that four Districts together account for roughly two-thirds of the un-notified births.

**MIDWIVES ACTS, 1902 and 1918.**

Thirty-five Midwives notified their intention to practise in the County during the year, 26 of whom were qualified to do so as holders of a Diploma. Of this number 10 practised in the Urban and 16 in the Rural Districts.

Notices were received as follows:—

Artificial feeding .....	3
Notification of death .....	1
Still-births .....	14
Sending for medical help .....	61
	<hr/>
Total .....	79
	<hr/>

Fees amounting to £28 14s. were paid under Section 14 of the Midwives Act, 1918, to medical practitioners for attending confinements where the midwife in attendance required medical help. Of this amount £12 9s. 6d. has been recovered from the persons concerned.

The Inspector of Midwives paid 69 visits to practising Midwives during the year.

There was no occasion to report any Midwife to the Central Midwives Board for breach of Regulations.

In the circular (No. 269) issued by the Ministry of Health Local Authorities were requested to state the number of women dying in, or in consequence of, childbirth. The figures for the whole County were 3 from Puerperal Sepsis and 10 from other accidents and diseases of pregnancy and parturition. In the previous year the figures were 2 and 10 respectively.



**Part V.****Sanitary Administration.****ISOLATION HOSPITALS.**

The Hospital area for the County remains unchanged. It excludes:—

Borough of Beverley,	Rural District of
Borough of Bridlington,	Bridlington,
Borough of Hedon,	„ „ Howden,
Urban District of	„ „ Sculcoates,
Cottingham,	„ „ Riccall.

These authorities have their own arrangements for the treatment of infectious disease and smallpox.

During the year 99 cases were treated at the Central Isolation Hospital at Driffield, compared with 63 in 1920 and 53 in 1919.

Three deaths were recorded, all from Diphtheria. One of them occurred within 24 hours of the patient's admission and another within 3 days of admission.

Cases were admitted from the following districts:—

	Diphtheria.	Scarlet Fever.	Enteric Fever.	Other.	Total.
Driffield Urban .....	9	4	...	4	17
Hessle Urban .....	7	18	...	...	25
Hornsea Urban .....	3	2	...	...	5
Norton Urban .....	1	4	1	...	6
Driffield Rural .....	14	7	3	...	24
Norton Rural .....	5	1	...	...	6
Pocklington Rural .....	...	...	1	...	1
Sherburn Rural .....	8	2	...	...	10
Skirlaugh Rural .....	2	...	1	...	3
Filey Urban .....	...	...	...	...	...
Pocklington Urban .....	...	...	...	...	...
Withernsea Urban .....	No cases were admitted from any of these Districts.				
Beverley Rural .....					
Eserick Rural .....					
Pattrington Rural .....					
Totals .....	49	38	6	4	97

Also two cases of Diphtheria were admitted under special circumstances from non-contributing Authorities.

## CASES TREATED DURING THE YEAR 1921.

Disease.	No. from		Adults.		Children.		Total.
	Urban Districts.	Rural Districts.	M	F	M	F	
Scarlet Fever.....	28	10	3	9	13	13	38
Diphtheria .....	21	30	7	10	16	18	51
Enteric Fever.....	1	5	4	—	1	1	6
Other Diseases ...	4	—	—	1	2	1	4
Totals ..	54	45	14	20	32	33	99

The only Authorities which are not included in the Hospital area, but which have Infectious Diseases (excluding smallpox) Hospitals of their own, are the Borough of Bridlington and the Rural District Council of Howden.

## SHIPTON SMALL-POX HOSPITAL.

No cases were treated here during the year.

The accommodation is limited to 8 beds in two wards.

There is accommodation for two nurses in the caretaker's house.

## AMBULANCES.

The Council maintain two ambulances, one for the use of the Infectious Diseases Hospital at Driffeld, and the other, which is loaned to the County Council by the Red Cross Society, is kept at Beverley for use generally within the County.

This latter ambulance made 46 journeys during the year, with a total mileage of 1,296.

The sum of £96 10s. 6d. was received in charges.

## BACTERIOLOGICAL EXAMINATIONS.

The following table shows the cases for which Bacteriological Examinations were made in 1921:—

	No. of cases examined.	Results.	
		Positive.	Negative.
Diphtheria .....	898	187	711
Phthisis .....	266	75	191
Enteric Fever .....	43	15	28
Para-typhoid .....	20	6	14
Other examinations .....	12	2	10
Milk (for presence of Diphtheria) .....	2	...	2
	1241	285	956
Water .....	28		
Total .....	1269		

WATER SAMPLES.—Results of Examinations:—

Excellent, 3; Unsatisfactory, 14; Satisfactory, 10; Bad, 1.



## PART VI.

### HOUSING.

The housing schemes which were formulated throughout the County, and which were so urgently needed, have most unfortunately been curtailed or shelved in view of the need for retrenchment where finance is concerned. Those houses which have been completed and occupied are an immense improvement on some of the cottage property in the County, a fact which the people themselves have not been slow to realise, to judge by the number of applicants for tenancy.

Actually 390 houses were completed during the year, compared with 242 in the previous year. The 1921 figure only refers to 18 of the Sanitary Districts in the County, the Reports relating to the other Districts not having yet been received.

The following extracts from the Reports of the District Medical Officers of Health give additional information as to the position of housing generally in the County during the year:—

*Filey Urban District.*—"No complaints were made during the year that any house occupied was unfit for habitation."

*Hedon Municipal Borough.*—"General character of defects found to exist: Old property, bad sanitation, poor state of repair, low rooms and lack of reasonable accommodation."

*Hessle Urban District.*—"In my opinion the demand for workmen's houses is still urgent, there being many cases of two families sharing one house, but owing to the prolonged unemployment of large numbers there is less outcry amongst the workers, who at present are compelled by financial circumstances to 'make things do.'"

*Norton Urban District.*—"Very few cases of overcrowding are reported. No houses have been built under the new housing scheme of 1919."

*Bridlington Rural District.*—"Sixteen houses have been built under the Rural Council's scheme, and seventeen more by private enterprise, but these do not count, and such half-hearted efforts will not meet the difficulty in the District.

"You have in your midst sundry dwellings which are altogether improper for habitation, and will, in a very short time, have to be closed. Where are the occupants to go?"

*Sherburn Rural District.*—"There is still an acute shortage of suitable houses for labourers in your district. A few have been built by private enterprise, but owing to financial conditions no progress has been made with your building scheme. As you are aware there are many cases of serious overcrowding in the district. Many of the cottages now occupied are in an insanitary condition and ought to be closed. Now that the price of building has fallen so considerably, I suggest that you initiate a smaller scheme than was recommended before, in order that the more acute cases of overcrowding may be remedied. You cannot make the labouring community self-respecting or contented unless you give them decent houses to live in."

*Skirlough Rural District.*—"The Poor Law Institution is now being re-modelled into 7 dwelling-houses at rentals of from 5/- to 8/- per week."



TABLE I.  
FOOD AND DRUGS ACTS.

Summary of Samples taken by the Inspector under the Food and Drugs Acts for the Administrative County (excluding the Borough of Beverley) and Analysed during the twelve months ended 31st March, 1922.

Article Analysed.	No. of Samples taken.	No. Adulterated.	No. of Prosecutions.	Amount of Penalties including Costs.			Remarks.
				£	s.	d.	
Ammoniated Tincture of Quinine	3						
Baking Powder	2						
Bi-Carbonate of Soda	5						
Brandy	6						
Butter	19						
Camphorated Oil	6						
Coffee	2						
Cream	1						
Dripping	2						
Eucalyptus Oil	1						
Flour	7						
Friars Balsam	6	1	1	5	0	0	1 conviction
Gin	12	3	3	3	0	0	2 convictions. 1 withdrawn. The defendant in the case withdrawn was convicted and fined £5 including costs under the Spirits (Prices and Description) Order, 1920, No. 531 for sample No. 65B.
Ground Ginger	3						
Honey	1						
Irish Whiskey	2	1	1	0	5	0	1 conviction.
Lard	5						
Malt Vinegar	6						
Margarine	6						
Milk (Formal)	576	62	18	18	16	0	10 convictions. 8 dismissed on proving to the satisfaction of the Justices that the Milk was as it came from the cows. 44 no proceedings; in 16 of these the vendors were cautioned and in the remaining 28 the circumstances were such that proceedings were either impossible or inadvisable.
Carried forward	671	67	23	27	1	0	

TABLE I. (Continued).

Article Analysed.	No. of Samples taken.	No. Adulterated.	No. of Prosecutions.	Amount of Penalties including Costs.	Remarks.
Brought forward ...	671	67	23	£ s. d. 27 1 0	
Milk (Informal) .....	4				
Olive Oil .....	8	1	1		Adjourned for third portion of sample to be sent to the Government Laboratories for Analysis.
Pepper .....	2				
Peppermint Waters..	1				
Preserved Cream ...	1				
Red Plum Jam .....	1				
Rum .....	6	1	1	3 3 0	1 conviction.
Scotch Whiskey ....	15	1	1	2 18 0	1 conviction.
Separated Milk .....	1				
Skimmed Milk.....	1				
Syrup of Rhubarb ...	1				
Tincture of Iodine ...	5				
Yeast .....	1				
<b>TOTAL .....</b>	<b>718</b>	<b>70</b>	<b>26</b>	<b>33 2 0</b>	

The two samples of Lard entered on the report for 31st March, 1921, as "Result of Analysis not known" were each certified by the Public Analyst as satisfactory.

Result of cases pending on 31st March, 1921 :—

Sample No. 86 MILK : 1 conviction. Total fine including costs  
£4 16s. 4d.

Sample No. 90 BUTTER : 1 conviction. Total fine including costs  
(unlabelled Margarine) £2 0s. 0d.



**Proceedings taken under the Spirits (Prices and Description)  
Order of 9th April, 1920, No. 531, for the following samples :**

No. of Sample.	Nature of Offence.	Result of Proceedings.
214a.	Sold half a pint of Scotch Whiskey for analysis at 2/7 in excess of the maximum price.	Fined £5 5s., including costs.
215a.	Sold half a pint of Gin for analysis at 1/11 in excess of the maximum price.	Judgment respited on payment of 4/- costs. N.B.—Was also the seller of sample No. 214a.
65b.	Sold half a pint of Gin for analysis at 10d. in excess of the maximum price.	Fined £5, including costs.

In the Borough of Beverley, 68 samples of food were taken, 26 formally and the remainder informally. Four samples were found to be unsatisfactory, but it was not considered desirable to take proceedings. No preservative was found in any of the 25 samples of milk examined.

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

**Report for the year ended 31st December, 1921.**

1. Milk (and Cream not sold as Preserved Cream).

	No. of samples examined for the presence of a Preservative.	No. in which Preservative was reported to be present, and Percentage of Preservative found in each sample.
Milk .....	571	Nil.
Cream .....	1	Nil.

2. Cream sold as Preserved Cream.

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

(a) Correct statements made ..... 1.

(b) Statements incorrect ..... Nil.

Total ..... 1.

(c) Percentage of preservative found in  
each sample ..... 0.3

Percentage stated on Statutory label 0.3



TABLE IV.

## EAST RIDING OF YORKSHIRE.

Vital Statistics of Whole District during 1921, and  
previous Years.

YEAR.	Estimated Population.	BIRTHS Net.		NET DEATHS BELONGING TO THE DISTRICT.			
		Number.	Rate.	Under 1 year of age.		At all Ages.	
				Number.	Rate per 1,000 net Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1909	153,007	3466	22·6	283	84	1919	12·6
1910	154,010	3451	22·4	322	95	2001	12·9
1911	155,037	3483	22·4	392	112	2079	13·4
1912	156,105	3351	21·6	250	74	1914	12·7
1913	157,066	3338	21·2	293	87	1999	12·7
1914	158,239	3288	20·7	274	83	1886	11·9
1915	150,176	3248	20·4	244	75	2192	14·5
1916	145,189	3215	20·3	245	75	2013	13·8
1917	144,595	2729	16·9	254	93	2098	14·5
1918	145,207	2843	17·4	241	84	2040	13·4
1919	159,010	2764	17·4	206	74	2040	13·4
1920	158,887	3361	24·3	258	67	1953	12·3
1921	162,917	3445	21·1	263	76	2013	12·3





TABLE V.

Birth and Death Rates for the Administrative County and for the several Urban and Rural Districts  
in the Riding during the year 1921.

DISTRICTS.	Population.			Births.		Deaths.		Death Rates from various causes per 1000 of the Population.						Death Rate among Infants under 1 year per 1000 births.
	Census, 1921.	Estimated 1921.		Number.	Rate.	Number.	Rate.	Principal Epidemic Diseases.	Pulmonary Tuberculosis.	Other Forms of Tuberculosis.	Respiratory Diseases.	Heart Disease.	Cancer.	
		Birth- Rate.	Death- rate.											
Administrative County .....	173704	162917	162631	3445	21.1	2013	12.3	.43	.74	.19	1.42	1.41	1.41	76.3
Municipal Boroughs and Urban Districts.....	74498	64442	64442	1278	19.8	883	13.7	.55	.90	.18	1.50	1.42	1.67	76.7
Borough of Beverley.....	13469	13550	13550	322	23.7	192	14.1	.81	1.03	.29	2.06	1.84	1.18	83.8
"    Bridlington.....	22768	15220	15220	271	17.8	244	16.0	.26	1.05	.39	1.37	1.18	2.29	84.8
"    Hedon .....	1321	1318	1318	30	22.7	22	16.7	1.51	—	—	2.27	—	2.27	—
Urban Districts—Cottingham .....	5135	5150	5150	98	19.0	57	11.0	.97	.58	.19	.77	1.55	1.35	61.2
Driffield.....	5674	5680	5680	118	20.7	74	13.0	.88	.52	—	1.76	1.58	1.76	84.7
Filey .....	4549	3372	3372	60	17.8	49	14.5	.29	2.07	—	1.18	2.37	2.07	83.3
Hessle .....	6107	6100	6100	107	17.5	59	9.6	.16	.32	.16	1.14	.82	1.96	28.0
Hornsea.....	4278	3700	3700	82	22.1	52	14.0	—	.27	—	1.89	.81	2.43	85.3
Norton .....	3853	3850	3850	86	22.3	54	14.0	.77	.77	—	1.03	1.81	1.03	81.4
Pocklington .....	2642	2633	2633	52	19.7	39	14.8	1.13	.38	—	1.89	1.89	1.13	76.9
Withernsea .....	4702	3869	3869	52	13.4	41	10.6	.25	2.06	—	1.03	1.03	.51	115.4
Rural Districts .....	99206	98475	98189	2167	22.0	1130	11.5	.34	.64	.19	1.37	1.40	1.24	76.1
Beverley .....	11768	11790	11790	259	21.9	117	9.9	—	.76	.08	1.35	1.10	1.61	65.6
Bridlington .....	8149	7810	7810	156	19.9	90	11.5	.51	.38	.38	1.66	.89	.76	102.5
Driffield .....	11640	11650	11650	285	24.4	141	12.1	.51	.77	.08	1.54	1.80	1.37	52.6
Eserick .....	5918	5880	5880	101	17.1	60	10.2	.34	.51	—	.68	1.19	1.53	49.5
Howden .....	13003	12960	12674	289	22.3	165	13.0	.71	.71	.23	1.57	1.49	1.18	110.7
Norton .....	5393	5320	5320	119	22.3	51	9.6	—	.18	—	1.31	1.87	1.12	25.2
Patrington .....	7579	7450	7450	163	21.8	103	13.8	.26	.80	.40	1.34	2.55	.93	110.4
Pocklington .....	10897	10810	10810	223	20.6	129	11.9	.46	.64	.18	1.01	1.75	1.85	85.2
Riccall .....	5330	5310	5310	142	26.7	63	11.8	.18	1.13	.37	1.88	.37	.56	84.5
Sculcoates .....	10329	10340	10340	218	21.0	100	9.6	.09	.48	.09	1.06	.87	1.16	45.8
Sherburn .....	* 2083	2075	2075	54	26.0	31	14.9	.48	.48	—	2.40	1.92	.48	129.6
Skirlaugh .....	7117	7080	7080	158	22.3	80	11.3	.42	.56	.42	1.41	1.13	1.13	69.6





TABLE VI.

## Causes of, and Ages at Death, during the Year 1921, in the URBAN Districts.

CAUSES OF DEATH.		DEATHS IN OR BELONGING TO DISTRICTS AT SUBJOINED AGES.										DEATHS IN OR BELONGING TO EACH DISTRICT (AT ALL AGES)										
		All 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 under 75	75 and up- ward.	Beverly.	Bridlington.	Cottingham.	Driffield.	Riley.	Hedon.	Hessle.	Hornsea.	Norton.	Pocklington.	Withernsea.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	41
All Causes	883	98	19	14	19	20	93	193	198	229	192	244	57	74	49	22	59	52	54	39	41	
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Measles	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	14	7	4	1	1	...	...	1	...	...	3	2	4	1	...	2	...	...	1	1	...	...
Diphtheria	2	...	...	1	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
Influenza	21	...	...	...	...	1	2	6	6	6	3	4	2	1	1	2	2	1	2	1	2	2
Encephalitis lethargica	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Meningococcal meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous of respiratory system	58	...	...	...	3	7	34	11	2	1	14	16	3	3	7	...	2	1	3	1	8	8
Other Tuberculous Diseases	12	1	3	2	2	2	...	...	...	...	4	6	1	...	...	...	1	...	...	...	...	...
Cancer, malignant disease	108	...	...	...	...	...	5	46	35	22	16	35	7	10	7	3	12	9	4	3	2	2
Rheumatic Fever	3	...	...	...	...	...	2	1	...	...	...	1	...	...	...	...	1	...	1	...	...	...
Diabetes	15	...	...	1	1	...	1	4	5	3	2	6	1	1	1	...	...	1	...	1	2	2
Cerebral hæmorrhage, &c.	70	...	...	...	...	...	2	16	30	22	13	21	4	3	9	1	2	4	4	5	4	4
Heart Disease	92	...	1	...	1	1	6	26	28	29	25	18	8	9	8	...	5	3	7	5	4	4
Arterio-sclerosis	29	...	...	...	...	...	...	4	10	15	2	17	1	1	...	1	2	3	1	1	...	...
Bronchitis	54	8	1	...	...	...	1	7	14	23	19	11	3	6	3	1	4	2	2	3	...	...
Pneumonia (all forms)	36	4	6	1	2	1	4	7	9	2	9	9	1	3	1	2	3	3	2	...	3	3
Other respiratory diseases	7	...	...	1	...	...	1	4	1	...	...	1	...	1	...	...	...	2	...	2	1	1
Ulcer of Stomach or duodenum	3	...	...	...	...	...	1	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...
Diarrhœa, &c. (under 2 yrs.)	31	17	2	...	1	...	...	5	4	2	7	2	1	4	1	...	...	...	1	2	1	1
Appendicitis and Typhlitis	5	...	...	1	2	1	1	...	...	...	3	...	...	1	...	...	...	...	...	1	...	...
Cirrhosis of Liver	5	1	...	...	...	...	2	5	8	5	5	10	...	1	...	...	1	2	...	1	...	...
Acute and chronic nephritis	20	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Puerperal sepsis	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other accidents and diseases of Pregnancy and Parturition	3	...	...	...	...	1	2	...	...	...	...	1	...	...	...	1	1	...	...	...	...	...
Congenital Debility & Malformation, Premature Birth	45	44	...	...	...	1	...	...	...	...	10	14	1	2	2	...	3	6	4	...	3	3
Suicide	9	...	...	...	...	1	1	7	...	...	2	4	...	...	...	...	2	1	...	...	...	...
Other Deaths from Violence	18	...	1	1	...	1	6	4	4	1	4	3	1	2	...	1	2	2	...	1	2	2
Other Defined Diseases	218	16	...	5	5	3	18	35	39	97	47	58	19	23	9	7	15	12	20	11	9	9
Causes ill-defined or unknown	2	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...
Totals	883	98	19	14	19	20	93	193	198	229	192	244	57	74	49	22	59	52	54	39	41	41





**Causes of, and Ages at Death during Year 1921, in the RURAL Districts.**

CAUSES OF DEATH.		DEATHS IN OR BELONGING TO THE DISTRICTS AT SUBJOINED AGES.										DEATHS IN OR BELONGING TO EACH DISTRICT (AT ALL AGES).											
		All 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 under 75.	75 and up- wards.	Beverley.	Brillington.	Driffield.	Eskrick.	Howden.	Korton.	Patriating.	Pocklington.	Riceall.	Seoulcoates.	Sherburn.	Skirbrough.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
All Causes	1130	165	20	29	43	41	104	200	210	318	117	90	141	60	165	51	103	129	63	100	31	80	
Enteric Fever	3	...	...	...	...	1	1	1	...	...	...	...	...	...	2	...	1	...	...	...	...	...	
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
Measles	3	1	...	...	1	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	
Scarlet Fever	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Whooping Cough	5	2	1	2	...	...	...	...	...	...	...	...	...	1	1	1	1	2	...	...	...	...	
Diphtheria	8	...	1	2	5	...	...	...	...	...	...	...	...	1	3	...	...	...	...	1	1	1	
Influenza	27	2	...	...	...	3	5	5	5	7	6	1	5	...	2	2	4	2	2	5	...	...	
Encephalitis lethargica	2	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	
Meningococcal meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Tuberculosis of respiratory system	63	...	...	...	6	9	33	14	1	...	9	3	9	3	9	1	6	7	6	5	1	4	
Other Tuberculous Diseases	19	3	1	2	7	...	1	2	...	...	1	3	1	...	3	...	3	2	2	1	...	3	
Cancer, malignant disease	122	...	...	...	...	...	6	48	42	26	19	6	16	9	15	6	7	20	3	12	1	8	
Rheumatic Fever	3	...	...	...	...	...	1	1	1	...	...	...	...	...	...	1	...	1	...	...	...	...	
Diabetes	13	...	...	...	...	...	4	4	4	1	1	1	2	...	2	...	1	...	1	5	...	1	
Cerebral hemorrhage, &c.	81	...	...	...	...	...	2	10	24	45	7	7	8	7	10	4	7	8	5	5	4	9	
Heart Disease	138	...	...	...	2	4	2	28	45	57	13	7	21	7	19	10	19	19	2	9	4	8	
Arterio-sclerosis	57	...	...	...	...	...	...	7	13	37	5	19	6	3	9	2	4	3	1	3	1	1	
Bronchitis	69	17	3	1	...	1	...	2	10	35	9	5	8	2	7	3	8	7	6	6	3	5	
Pneumonia (all forms)	57	11	2	5	3	1	8	13	8	6	6	8	10	2	10	2	2	4	3	3	2	5	
Other respiratory diseases	9	...	...	2	1	...	1	1	1	3	1	...	...	...	3	2	...	...	1	2	...	...	
Ulcer of stomach or duodenum	2	...	...	...	...	...	1	...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	
Diarrhoea, &c. (under 2 years)	24	11	3	...	3	1	1	1	1	3	...	3	4	1	1	...	...	2	1	...	...	2	
Appendicitis and Typhlitis	9	...	...	...	4	...	4	1	...	...	1	...	1	...	3	1	...	...	...	1	...	2	
Cirrhosis of Liver	5	...	...	...	...	...	...	4	1	...	...	...	...	...	2	...	...	3	...	...	...	...	
Acute and chronic nephritis	24	...	...	2	...	1	4	6	7	4	4	2	3	3	1	2	2	1	2	4	...	...	
Puerperal sepsis	2	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	
Other accidents and diseases of Pregnancy and Parturition	7	...	...	...	...	2	5	...	...	...	...	...	...	...	1	1	1	2	1	...	...	1	
Congenital Debility and Malforma- tion, Premature Birth..	84	82	...	2	...	...	...	...	...	...	10	5	5	3	16	...	11	12	7	7	3	5	
Suicide	15	...	...	...	...	2	3	6	1	3	3	3	...	1	1	1	...	3	1	1	...	1	
Other deaths from violence	29	2	...	2	3	2	4	8	5	3	1	...	5	1	3	2	2	4	2	3	...	6	
Other Defined Diseases	241	32	8	9	8	11	12	34	39	88	19	16	33	17	36	13	22	25	17	27	9	17	
Causes ill-defined or unknown	8	1	1	...	...	...	2	3	1	...	1	1	1	1	...	2	...	...	...	...	2	1	
Totals	1130	165	20	29	43	41	104	200	210	318	117	90	141	60	165	51	103	129	63	100	31	80	





TABLE VIII.

1921.

**Cases of Infectious Disease Notified.  
Urban Districts.**

NOTIFIABLE DISEASE.	TOTAL CASES NOTIFIED IN EACH DISTRICT.											
	Totals	Beverley	Bridlington	Cottingham	Driffield	Filey	Hedon	Hesle	Hornsea	Norton	Pocklington	Withernsea
	1	2	3	4	5	6	7	8	9	10	11	
Scarlet Fever ...	110	1	34	3	4	30	...	26	3	3	...	6
Diphtheria .....	92	18	44	2	9	2	...	9	6	2	...	...
Enteric Fever ...	4	2	1	...	...	...	...	...	...	1	...	...
Puerperal Fever..	1	...	1	...	...	...	...	...	...	...	...	...
Erysipelas .....	15	4	6	1	1	1	1	...	...	1	...	...
Ophthalmia												
Neonatorum...	5	3	1	...	1	...	...	...	...	...	...	...
Acute												
Poliomyelitis...	1	...	1	...	...	...	...	...	...	...	...	...
Encephalitis												
Lethargica ...	1	...	...	...	...	...	1	...	...	...	...	...
Acute Polio-												
Encephalitis...	1	...	...	...	...	1	...	...	...	...	...	...
Pulmonary												
Tuberculosis ...	88	26	16	2	11	3	2	3	1	9	2	13
Other forms of												
Tuberculosis ...	14	6	4	...	1	...	...	...	...	...	...	3
Pneumonia .....	30	10	..	1	4	...	...	6	3	...	...	6
Malaria .....	1	...	...	...	...	...	...	...	...	...	...	1
Totals .....	363	70	108	9	31	37	4	44	13	16	2	29

TABLE IX.

1921.

**Cases of Infectious Disease Notified. Rural Districts.**

TOTAL CASES NOTIFIED IN EACH DISTRICT.													
NOTIFIABLE DISEASE.	Total	Beverley 1	Bridlington 2	Driffield 3	Eserick 4	Howden 5	Norton 6	Patrington 7	Pocklington 8	Riccall 9	Sculcoates 10	Sherburn 11	Skirlaugh 12
Scarlet Fever.....	106	1	13	19	16	17	4	12	3	11	9	1	...
Diphtheria .....	106	3	7	19	6	31	8	2	1	1	14	10	4
Enteric Fever .....	25	...	2	4	...	7	2	1	7	...	1	...	1
Puerperal Fever .....	3	3	...	...	...	...	...	...	...	...	...	...	...
Erysipelas .....	17	1	1	3	...	3	...	6	2	...	...	...	1
Ophthalmia Neonatorum...	8	...	2	1	...	2	...	1	...	1	1	...	...
Acute Poliomyelitis.....	3	...	1	...	...	...	...	...	...	1	...	...	1
Encephalitis Lethargica	1	...	...	...	...	...	...	1	...	...	...	...	...
Pulmonary Tuberculosis...	69	11	5	9	3	6	2	10	4	6	4	2	7
Other forms of „	11	...	1	...	...	...	...	3	1	2	1	1	2
Dysentery .....	1	...	...	1	...	...	...	...	...	...	...	...	...
Pneumonia .....	17	3	...	1	...	2	...	3	1	2	4	1	...
Totals.....	367	22	32	57	25	68	16	39	19	24	34	15	16



TABLE X.  
**Rainfall Returns, 1921.**

Station.	Height of Rain Gauge above Sea Level.	Observer.	Total Rain-fall.	Number of days on which one-tenth of an inch or more of rain fell.	Average rainfall over a series of years.
Hull .....	8 feet.	The Meteorological Soc.	16.39	95	25.76 for 12 years.
Hempholme .....	11 "	W. Evans, Esq. ....	17.20	149	25.60 for 10 years.
Spurn Head .....	26 "	The Meteorological Soc.	13.06	92	21.66 for 10 years.
North Cave .....	35 "	Major W. H. Carver ...	18.45	—	—
Lockington .....	40 "	Mr. W. J. Algar .....	15.09	105	21.93 for 8 years.
Lowthorpe .....	63 "	F. K. Hawes, Esq. ....	18.66	151	27.08 for 10 years.
Rise .....	73 "	W. Bethell, Esq. ....	17.39	141	26.50 for 3 years.
Filey .....	95 "	Rev. Canon Cooper ...	18.29	176	25.69 for 10 years.
Scampston .....	100 "	W. H. St. Quintin, Esq.	20.73	148	28.90 for 10 years.
Dunnington .....	110 "	Miss E. Hildyard .....	17.97	172	25.64 for 10 years.
Dalton Holme ....	150 "	Mr. J. P. Jobling .....	18.99	162	28.50 for 10 years.
Beverley (E.R. Mental Hospital)	175 "	Medical Superintendent	19.14	158	27.81 for 10 years.
Warter .....	230 "	Miss A. Coxon .....	19.86	150	30.32 for 9 years.
Burythorpe .....	240 "	Rev. W. Robinson .....	18.97	142	29.00 for 6 years.
Birdsall .....	425 "	The Right Hon. Lord Middleton .....	21.88	163	30.61 for 10 years.
Thixendale .....	425 "	Miss Whitehead .....	19.56	172	31.99 for 9 years.

I take this opportunity of thanking those named above for their kindness in forwarding to me their observations of the rainfall.





TABLE XI.

## Sanitary Work carried out and Premises Inspected during 1921.

	URBAN DISTRICTS.										RURAL DISTRICTS.												
	Beverley	Bridlington	Cottingham	Driffield	Eyley	Hedon	Hessle	Hornsea	Norton	Pocklington	Withernsea	Beverley	Bridlington	Driffield	Essexick	Howden	Norton	Patrington	Pocklington	Rileall	Sculcoates	Sherburn	Skirbrough
Dwelling-houses inspected	116				85		360	1037	20	83	—	566	39	614	60			61	91	36	46	17	60
Do. Notices served	89				71		150	5	5	6	—	73	—	151	—			33	75	21	—	—	15
New houses built	13				18		67	50	1	—	20	15	17	12	8			7	12	66	70	3	
Have Building Bye-laws been adopted?	Yes				Yes		Yes		Yes	No	Yes	Yes	Yes	Yes	No			—	No	Yes	Yes	No	Yes
Dwelling-houses disinfected after cases of ordinary infectious disease	11				37		21		10	2	5	13	16	41	—			7	10	25	53	12	17
Do. disinfected after cases of Phthisis	19				2		3		4	2	6	—	3	5	—			2	4	8	1	1	7
Schools disinfected after cases of ordinary infectious disease	—				2		1		—	—	—	—	3	1	—			—	1	—	—	—	—
Dwelling-houses found overcrowded	—				—		8		3	3	—	—	3	4	—			—	5	3	4	—	—
Privies converted into W.C.'s	98				5		2		2	14	45	1	—	29	—			13	18	3	7	3	—
Do. do. pall closets	—				—		—		20	—	—	9	—	9	—			3	6	—	—	—	—
Offensive trades inspected	—				—		—		1	1	—	—	—	7	—			37	—	21	—	33	—
Total number of nuisances found	—				—		186		30	—	4	74	7	61	—			28	—	20	—	19	—
Do. abated	276				—		186		30	—	4	74	7	61	—			—	—	—	—	—	—
Water Supplies—																							
Houses newly supplied from water mains	76				18	45	10		6	3	126	1	—	5	2			—	1	34	73	—	10
New wells made									—	—			—	—	1			—	4	4	—	—	1
New bore wells made													—	3	—			—	1	1	—	—	1
Wells closed, water unsafe									2	2	12		—	1	—			—	1	—	—	—	—
Samples of water sent for examination	24									2	13		2	12	—			6	7	10	—	3	4
Water certificates granted for new houses in Rural Districts																			5	33	—	—	—
Dairies and Cowsheds—																							
Have regulations been adopted?	Yes				Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes					No	No	Yes	Yes	Yes
Date of adoption	1896				1909	1913	1903	1888	1895		1899	1901	1904	1903							1900	1905	1907
No. on Register	46				4	12	27	11	15	4	8		75	27	18			30	7	6	90	30	102
No. of Cows	145				30	46	105	100	70	20	24			150	350			250	30	24	982		500
Visits to Cowsheds	115				48		30	46	9	24	4	41	75	58	20				21	15	43		
Do. Dairies	175				12		24		9	9	4		1	41	2			74	21				120
Defects found	6								2	3		6		6	—			8	2	2		12	30
Do. remedied	6								2	3		6		6	—			3	2	2		3	30
Slaughter Houses—																							
No. on Register	18				6	4	5	5	3	5	3		8	13	5			7	13	6	9		
Visits to	1250				72		60	18	12	7	7		24	54	10			20	40	26	29		
Number of defects found	—				2			5	4	2			1	11				2	2				
Do. remedied	—				2			5	4	2			1	11				2	2				
Common Lodging Houses—																							
No. on Register	1									1									1				
Visits to	384																		2				
Number of defects found	—																						
Do. remedied	—																						
Canal Boats inspected	14																			15			

Unwholesome food condemned:—

Filey U.D.—1 bag Mussels, 30 Rabbits.

Hornsea U.D.—98lbs. Mutton, 3 cases Assorted Fruits, 50 tins Condensed Milk, 50 tins Salmon.

Norton U.D.—1 case Beef, 1 case Dates, 1 case Tinned Tongue.



systems now relied on were labeled "not yet suitable" because they had not been tested.