### [Report 1925] / Medical Officer of Health, East Riding of Yorkshire County Council.

#### **Contributors**

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# East Riding of Yorkshire County Council.

# ANNUAL REPORT

(SURVEY)

OF THE

Medical Officer of Health

For the Year 1925,

together with the Report of the

Clinical Tuberculosis Officer.

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 B	OROUGHS.	1926.
BeverleyH.	L. Munro, M.D	29th April.
Bridlington A.	Kaye Jarratt, M.B	26th May.
HedonJ. S	Soutter, M.R.C.S	8th June.
URBAN DISTR	ICTS.	
Cottingham . A.	Tinley Sissons, M.B.	Not received.
FileyJ. 7	T. Haworth, L.R.C.P.	9th April.
	Burgess, M.B	
HessleJ. I	M. Hermon, M.D	27th April.
HornseaH.	D. Johns, M.D	10th May.
NortonR. 1	H. F. Bostock, L.R.C.	P21st April.
Pocklington, Al.	F. A. Fairweather, M	.D2nd June.
Withernsea A.	E. Sproulle, L.R.C.P.	21st July.
RURAL DISTR	RICTS.	
BeverleyF.	G. Dobson, D.S.O., M	.B23rd June.
Bridlington P. I	D. H. Chapman, M.B.	17th May.
Driffield, Mar	rshall Haver, M.B	24th June.
EscrickAlw	yn Raimes, M.D	4th May.
HowdenR.	B. Brown, L.R.C.P	29th May.
NortonL.	C. Walker, M.R.C.S.	Not received.
PatringtonF.	R. Cripps, M.B., Ch.	B28th May.
Pocklington.Al.	F. A. Fairweather, M	I.D2nd June.
RiccallW.	Bertram Hill, M.D., D.	P.H.26th May.
	M. Hermon, M.D	
SherburnW.	Thistlethwaite, M.B.	9th July.
Skirlaugh,H.	D. Johns, M.D	26th May.

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 1925.

The Report for the year under review is a Survey Report as contrasted with those for the years 1921-24, which were Ordinary Reports. The first Survey Report was for the year 1920. Circular 540 issued by the Ministry of Health requests that a Survey Report shall deal with

- (a) the measure of progress made in the area during the preceding five years in the improvement of the public health;
- (b) the extent and character of the changes made during that period in the public health services of the area (e.g., housing, water supply, sewerage, scavenging, or refuse disposal, food inspection, or other services affecting the environment of the inhabitants; and maternity and child welfare schemes, schemes for the treatment of tuberculosis and venereal diseases, provision of Isolation Hospitals, or other services directed to the prevention or cure of disease in individuals);
- (c) any further action of importance in the organisation or development of public health services contemplated by the Local Authority or considered desirable by the Medical Officer of Health.

The birth-rate for the year is 18.0 per 1,000 of the population. The average for the previous five years was 20.6.

The death-rate of 11.5 compares favourably with the figure of 12.5 for the year 1924. The average for the previous five years was 12.3.

The infantile mortality-rate is 66.6 per 1,000 registered births, compared with 61.6 in the previous year. The average rate for the five years 1920-24 was 66.4, and for the five years 1915-19, 80.5.

The death-rate from Pulmonary Tuberculosis was .74 per 1,000 of the population, compared with .65 in 1924 and .64 in 1923.

The number of deaths certified as due to Cancer or other forms of malignant disease is 237, giving a death-rate of 1.42 per 1,000 of the population.

No cases of Small Pox were notified in the County during the year although several occurred in the City of Hull.

Maternity and Child Welfare work has made further progress by the opening of another Infant Welfare Centre at Withernsea, the building of a new Centre at Barlby, and the appointment of a resident midwife at the Maternity Home at Driffield.

The staff accommodation at the Isolation Hospital has been increased by the addition of three bedrooms, the provision of which will enable each nurse to have a separate bedroom.

The Isolation Hospital for Small Pox has been enlarged and well equipped, to become what is practically a County Hospital.

No fresh work in connection with public water supplies was undertaken during the year.

I have to express my thanks to the staff who have worked with me during the year.

I am also indebted to the District Medical Officers of Health for their help and courtesy.

I have the honour to be,

Your obedient Servant,

R. L. THORNLEY.

County Hall,
Beverley,
July, 1926.

The following is a summary of the Birth-rates and Deathrates (per 1,000 of the population) in the Administrative County for the year 1925, together with the corresponding rates for England and Wales.

		berangarin )	Adminis- trative County.	Municipal Boroughs and Urban Districts.	Rural Districts,	England and Wales
Birth	-Rate		18:0	16:3	19.2	18:3
Death	1-Rate		11.5	12 2	11.0	12.2
Death	1-Rate	among Infants		100000		A CONTRACTOR
		ear (per 1000 births).	66.6	67.6	66.0	75.0
		from Principal Epi-		DATE:		1
		demic Diseases	.30	-31	.29	
22	,,	"Pulmonary				la company
**		Tuberculosis	.74	.85	-67	
22	"	"other forms of				
"	"	Tuberculosis	.16	.13	.17	
,,	,,	"Respiratory				
22.	"	Diseases	1.37	1.46	1.31	-
,,	,,	"Cancer	1:42	1.67	1.26	
"	"	" Heart Disease	1.56	1.72	1.46	

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The following Orders, Circulars and Memoranda were received from the Ministry of Health during the year 1925:—

Date.	Subject.
January	Report on an outbreak of Paratyphoid Fever at Chorley.
January	Memorandum on Closure of and Ex- clusion from School.
January 30th	Housing Acts—Guarantees to Building Societies.
February 9th	Training of Health Visitors,
February 27th	Training and Supply of Midwives.
March 12th	Housing—Assistance to Owner- Occupiers.
April 3rd	Memorandum on the Duties of Medical Officers of Health.
June 4th	Memorandum on Pemphigus Neonatorum.

June 12th	Rural District Councils (Slaughter- Houses) Order, 1924, and Public Health (Meat) Regulations, 1924.
July	The Housing Act (Appeal Procedure) Rules, 1925.
July	The Housing Act (Form of Orders and Notices) Order, 1925.
July	Tuberculosis—List of approved Institutions.
July	Memorandum on Registrar General's Annual Statistical Review.
July 9th	Tuberculosis—Examination of intending Immigrants.
July 21st	Tuberculosis—Co-operation with Poor Law Authorities.
July 31st	Milk and Dairies (Consolidation) Act, 1915 (Commencement of operation) Order, 1925.
August	Tuberculosis Order of 1925 (No. 2)— Meat Inspection.
August 7th	Public Health (Prevention of Tuber- culosis) Regulations, 1925.
August 11th	Public Health (Preservatives, &c., in Food) Regulations, 1925.
September 4th	Public Health Act, 1925.
	Tuberculosis—Annual Returns and Records in connection with Tuber- culosis Scheme.
November	Tuberculosis—Costs at Residential Institutions.
November 17th	International Agreement for the treat- ment of Seamen suffering from Venereal Diseases.
November 18th	Residential treatment of Tuberculous War Pensioners—Grants of Leave.
December 10th	Memorandum on Annual Reports of Medical Officers of Health for 1925.
December 18th	Tuberculosis—Annual Returns.
December 31st	Venereal Diseases—Approved Arseno- benzol Compounds.
December 31st	

#### MINISTRY OF HEALTH INQUIRIES.

The following Ministry of Health Inquiries were held during the year 1925, viz.:—

Date. Subject. Result.

19th February Application of the Bridlington Rural District Council for sanction to borrow £620 for purposes of Water Supply for the Parish of Sewerby-cum-Marton.

Application of the Skirlaugh Rural granted.

District Council for sanction to borrow money for works of sewerage and sewage disposal for the drainage of the Hutments at Aldbrough Cliff Top.

25th September (1) Application of the See section of
Hornsea Urban this Report
District Council for dealing
sanction to borrow with Water
£23,900 for purposes Supplies.
of Water Supply.

(2) Objections as to the propriety of the water mains proposed to be laid outside the Urban District of Hornsea.

### Natural and Social Conditions of the Area.

## PHYSICAL FEATURES AND GENERAL CHARACTER OF THE COUNTY.

The Administrative County may be briefly described as consisting of two comparatively level plains, one on the South-East and the other on the South-West, separated from each other by a prolongation Southwards to the Humber of the elevated Northern portion. The name given to the Northern portion is the Wolds. Geologically they are composed of chalk with a covering of soil, which in places is very thin. The chalk formation on the Eastern side of the Wolds forms the well-known Bempton and Flamborough Cliffs. continues in a Westerly direction to Acklam and Leavening, and then changes direction to the South to reach the Humber at Ferriby and Hessle. The chalk formation has been proved by boring to reach a depth of 1,068 feet. The highest point on the Wolds and in the County is 808 feet on the old Roman road where it passes over the top of Garrowby Hill.

The tracts of land above referred to in the South-East and South-West of the County are for the most part of a clayey and marshy nature, but well drained by artificial means.

The County, except for a distance of six miles on the North and eight miles on the West, where it meets the North and West Ridings respectively, is entirely bounded by river and sea. The length from North to South is about 35 miles, from East to West about 40 miles, and the extreme length from Kilnsea (Spurn Point) to the North-Western corner is over 50 miles.

The area of the County is 741,073 acres or 1,157 square miles inclusive of inland water. This, however, in the aggregate is a very small proportion. The area of the combined rural districts is 710,098 acres, and that of the Urban Districts 30,975 acres. The density of the population in the County is .23 persons to the acre, or approximately one person to four acres.

In comparison with other Counties of England and Wales the East Riding stands sixteenth in size and fortieth in population. With the exception of a small area in the South-West of the County adjacent to Selby, which has within the past fifteen years become industrial, the County is entirely agricultural. There are no collieries or ironworks, but cement works have recently been opened on the Humber Bank, where abundant supplies of chalk can easily be obtained.

During the holiday season the holiday resorts on the East Coast, especially Bridlington, are much favoured by the industrial districts of the West Riding and the Midlands.

The rateable value of the County is £1,614,949, and the levy of a penny rate produces £4,502 16s. 7d.

#### POPULATION.

The population of the East Riding at the Census taken in 1921 was returned as 173,730, an increase on the Census of 1911 of 18,962. The Registrar General, however, subsequently amended the figures to try to overcome the false position which had been created by the delay in the taking of the 1921 Census until after the recognised annual holiday period had commenced. The East Riding population for 1921 was eventually given as 162,631, and from this figure the population for the year 1925 is estimated at 166,470, an increase of 3,839.

Only one Sanitary District, viz., Beverley Rural, is given separate figures for birth-rate and death-rate respectively, due to the presence of a non-civilian population at the East Yorkshire Regimental Depôt. The Registrar General gives separate figures for local areas which have more than 100 non-civilians.

mitriugeg and Jessy to	Census,	Estimated, 1925.			
Districts.	1921.	For Birth-rate.	For Death-rate.		
Administrative County	173,730	166,690	166,470		
Urban Districts	74,494	66,990	66,990		
Rural Districts	99,236	99,700	99,480		

#### BIRTHS AND BIRTH RATES

(per 1000 Total Population).

Districts.	Average rate for the ten years 1911—1920	1919	1920	1921	1922	1923	1924	1925
Administrative County	20.3	17.4	24.3	21.1	19.6	19.6	18.5	18.0
Urban Districts	19.3	16.7	23.9	19.8	18.1	18.0	17.4	16.3
Rural Districts	20.8	17.8	24.5	22.0	20.6	20.7	19.2	19.2

3,004 births were registered during the year, a decrease of 63 on the previous year when 3,067 were registered. Of the 3,004 births, 1,094 were registered in the urban and 1,910 in the rural districts.

The birth-rate for the County was 18.0 per 1,000 of the population, compared with 18.5 for the previous year, a decrease of .5 per 1,000 of the population.

The highest rates record	ded wer	'e:-		
Hedon M.B	22.5 per	1,000 of	the	population.
Patrington R.D	22.4	**		,,
Riccall R.D	20.3	,,		,,

The lo	west rates recorde	d were:	_	
Withernsea	U.D	10.8 per	1,000 of	the population.
Filey U.D.		11.3	,,	,,
Cottingham	U.D	13.7		

The birth-rate for the whole of England and Wales was 18.3, compared with 18.8 in the previous year.

#### ILLEGITIMATE BIRTHS.

205 illegitimate children were born in the East Riding during the year, which number is 28 less than the previous year. Sixty-one of these births occurred in the urban districts (giving a rate of .91 per 1,000 population) and 144 in the rural districts (giving a rate of 1.44 per 1,000 population).

The proportion of illegitimate births to legitimate was 1 to 13.7, and the illegitimate birth-rate was 1.23 per 1,000 of the population. The rate for the previous year was 1.40.

Of the total number of births recorded during the year, 6.8 per cent, were illegitimate,

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

			Years					
Districts.	1918	1919	1920	1921	1922	1923	1924	1925
Administrative County	255	251	259	270	239	211	233	205
Urban Districts	110	118	100	95	78	74	93	61
Rural Districts	145	133	159	175	161	137	140	144

# DEATH-RATES FROM ALL CAUSES (ALL AGES). (per 1000 of the Population).

Districts.	Average rate for the ten years 1911—1920	1919	1920	1921	1922	1923	1924	1925
Administrative County	13.6	13.4	12.3	12.4	12.9	11.5	12.5	11.5
Urban Districts	14.6	13.7	14.1	13.7	15.0	12.4	13.4	12.2
Rural Districts	12.9	13.1	11 0	11.5	11.6	10.9	11.9	11.0

The total number of deaths registered was 1,909 (991 males and 918 females), compared with 2.070 in 1924, a decrease of 161. The deaths in the urban districts numbered 818 (422 males and 396 females), and in the rural districts 1,091 (569 males and 522 females).

The death-rate for the whole County was 11.5, a decrease of 1.0 on the previous year. In the urban districts the rate was 12.2, and in the rural districts 11.0.

The death-rate for the whole of England and Wales was 12.2, the same as in the previous year.

The highest rates record	led in the Coun	ty were:—
Beverley M.B	15.0 per 1,000 of	the population.
Hornsea U.D	14.7 ,,	,,
Hedon M.B	13.3 ,,	,,

The lowest rates recorde	ed were	:	
Hessle U.D	8.4 per	1,000 of	the population.
Pocklington U.D	8.4	1,	,,
Withernsea U.D.	9.1		,,

In Tables X. and XI. are shown the numbers of deaths attributable to each cause. From these tables it will be seen that of the 1,909 total deaths, Heart Disease was given as the cause in 13.6%, Cancer and other forms of malignant disease in 12.5%, Cerebral Haemorrhage, &c., in 8.2%, and Tuberculosis of the respiratory system in 6.5%.

#### STANDARDIZATION OF DEATH-RATES.

The Registrar General has this year issued "Standardizing Factors" for those Districts in the East Riding which had a population of 10,000 or more at the last census, the object of which is to allow for certain differences of sex and age constitution of the population.

In further explanation it may be said that a comparison of total death-rates as ordinarily stated per 1,000 population may be quite misleading. As mortality is much the highest in infancy and in old age, and higher in the male than in the female sex, it is natural for a population containing comparatively few infants and aged persons to have a lower death-rate than one in which the opposite conditions prevail, and this favourable constitution is accentuated where the proportion of females is in excess of the average. By the method of standardizing which has been adopted, the favourable or unfavourable nature of a population's sex-and-age distribution in relation to mortality is first assessed, and then the recorded mortality is increased or diminished in order to compensate for the advantage or disadvantage so disclosed. The method is, in fact, one of handicapping. Populations which from their favourable constitution enjoy an advantage in comparison with the standard population (England and Wales) have their mortalities increased by a handicap, in the form of a "Standardizing Factor," while the mortalities of unfavourably constituted populations are diminished in the same way.

Standardizing factors have been issued for seven Sanitary Districts in the East Riding. I give below a

table, which shows for each of these seven Districts (a) the standardizing factor allotted, (b) the crude death-rate, and (c) the standardized death-rate.

District,	Standardizing Factor.	Crude Death-rate.	Standardized Death-rate.
Beverley M.B	796	14.99	11.93
Bridlington M.B.	837	12.90	10.80
Beverley R.D		10.32	8.36
Driffield R.D		12.96	10.00
Howden R.D		10.51	8.58
Pocklington R.D.		12.63	9.95
Sculcoates R.D	888	9.97	8.86

#### DEATHS AMONGST CHILDREN UNDER ONE YEAR.

Death-rate among Infants per 1000 Births.

Districts.	Average rate for the ten years 1911—1920	1919	1920	1921	1922	1923	1924	1925
Administrative County	82	74	67	76	69	58	62	67
Urban Districts	84	73	72	77	67	58	64	68
Rural Districts	82	75	64	76	70	61	60	66

The total number of deaths amongst children under one year of age was 200, or 11 more than in the previous year. Of the 200 deaths, 74 occurred in the urban districts and 126 in the rural.

The rate for the County was 66.6 per 1,000 registered births, compared with 61.6 in the previous year. In the urban districts it was 67.6, and in the rural districts 66.0.

The rate for the whole of England and Wales was 75 per 1,000 registered births.

The death-rate amongst the 205 illegitimate children was 136.6 per 1,000.

#### INQUESTS.

During the year 104 inquests were held, compared with 126 in 1924, and 145 in 1923.

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

Cause of Death.	Total.	East Riding District.	Holderness District.	Howdenshire District.	Escrick District.
Natural Causes	30	15	4	5	6
Accidental Death	50	25	9	4	12
Suicide	18	15	2	1	-
Found Drowned	5	1	2	1	1
Other Verdicts	1	_	_	_	1
	-	-		_	_
	104	56	17	11	20
	-	_	_	-	-

Of the above number 9 were on infants under one year of age.

The number of inquests in which Coroners order post-mortem examinations to be performed is very small. The figure is usually less than 5%.

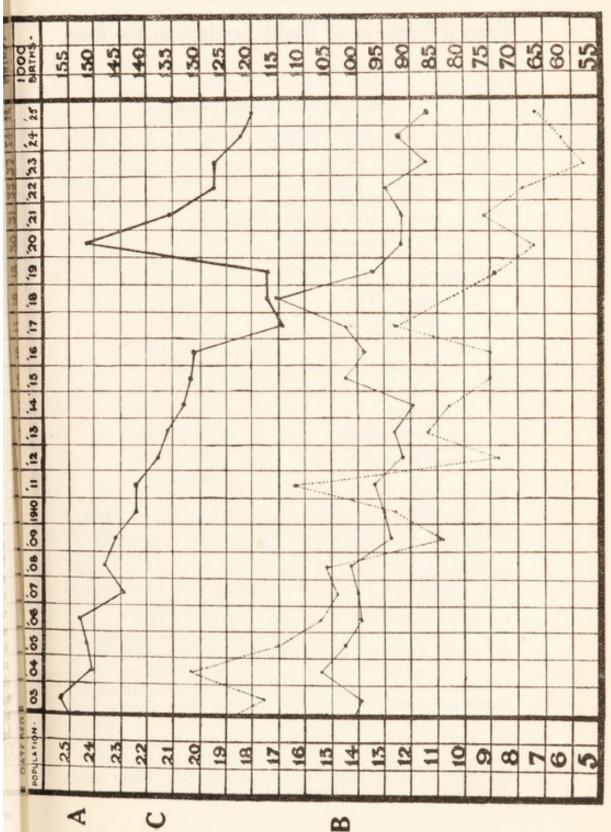
#### MORTUARIES.

The only public mortuaries in the County are those maintained by the local authorities at Bridlington, Hessle and Paull. Mortuaries are, of course, attached to the four local hospitals and to the Poor Law Institutions at Driffield, Beverley, Patrington, Pocklington, Howden and Bridlington. These, however, are not available for the public without the permission of the authorities concerned.

In the event of a post-mortem examination being ordered in connection with an inquest the work has to be carried out in the dwelling or out-house, unless, of course, permission is granted to perform the work in an available mortuary within a reasonable distance. The performance of a post-mortem examination in a private dwelling-house is a very objectionable occurrence. The practitioner cannot well do justice to the details of his work owing to the want of proper appliances, and in order to avoid a disgusting mess he is compelled to do his work in a cramped manner. Public mortuaries are most needed at Beverley and Barlby, the latter on account of its rapid growth as an industrial centre and its close proximity to the river.

population), together with (C) the Infantile Mortality-rate (per 1000 births) in the

Administrative County in each of the years 1903--1925.



### General Provision of Health Services in the Area.

#### ISOLATION HOSPITALS.

There are five Isolation Hospitals within the Administrative County. Three of these, namely, the County Isolation Hospital, the Borough of Bridlington and the Howden Rural District Hospitals, are for the treatment of infectious diseases. The other two are for the sole purpose of Small Pox isolation.

The County Hospital Area includes the following Districts:

Urban (7). Rural (8). Driffield. Beverley. Filey. Driffield. Hessle. Escrick. Hornsea. Norton. Norton. Patrington. Pocklington. Pocklington. Sherburn. Withernsea. Skirlaugh.

The Hospital, which is situated within the Urban District of Driffield, stands well on a very good site of three acres just outside the town. The accommodation provided is 38 beds (including cots) in seven wards. The Hospital is very well equipped with lavatory and bath-room accommodation, and is heated throughout by hot-water pipes and firegrates. It is lighted by gas. The administrative block contains eight bedrooms for the staff, together with dining-room, matron's room, etc. The outbuildings comprise a small laundry, motor ambulance house, steam disinfector and general storage accommodation.

During the year 117 cases were admitted, compared with 147 in 1924, 74 in 1923, 93 in 1922, and 99 in 1921. No deaths occurred in the Hospital. Cases were admitted from the following districts:—

Di	phtheria.	Scarlet Fever.	Enteric Fever.	Total.
Beverley M.B		5		5
Driffield U.D.		6	7	21
Hessle U.D.		1		5
Hornsea U.D		1		1
Pocklington U.D	1	10		11
Withernsea U.D	1	1		2
Beverley R.D		16		19
Driffield R.D.	6	5		11
Escrick R.D.		22		23
			***	20
Norton R.D		411	1	1
Pocklington R.D		9		9
Sherburn R.D	2	1		2
Okiniowal D D	9	9		4
Skirlaugh R.D.	-	2	***	4
Filey U.D)	No car	ses were	admitted f	rom
Norton U.D.	-			tom
Patrington R.D.		these D	istricts.	
Staff		***		2
			-	mont
	30	79	8	117
	-			-

#### CASES TREATED DURING THE YEAR 1925.

Disease,	No. from Urban	No from Rural	Adu	ilts.	Chil	dren.	
	Districts.	Districts.	M.	F.	M.	F.	Total.
Scarlet Fever	24	55	7	10	32	30	79
Diphtheria	16	14	6	7	5	12	30
Enteric Fever	7	1	1	2	1	4	8
	-			-	-	_	_
	47	70	14	19	38	46	117
	-		-	_	-		_

The Borough of Bridlington Isolation Hospital is a well-built brick building with accommodation for 30 patients. There are three separate pavilions, each with two wards, and in addition there is an observation block with two beds. Accommodation is available for private patients. There is also an administrative block with accommodation for the staff. The Hospital is equipped with a steam disinfector and a motor ambulance is kept.

The Rural District Council have an agreement with the Borough under which six beds are reserved for an annual payment.

During the year 32 patients were admitted to the Hospital, 26 from the Borough, and six from the Rural District. Of this number no less than 25 were suffering from Scarlet Fever.

The Howden Rural District Isolation Hospital is brick built. It is situated less than a mile from the town. There is an administrative block with accommodation for nurses. The Hospital consists of a discharge ward containing three rooms which intercommunicate, and two pavilions, one with two wards each containing two beds, and the other with two wards containing four and six beds respectively. There are also two private wards each containing one bed. The total accommodation is sixteen beds. The outbuildings contain a laundry, a steam disinfector, and a motor ambulance.

The drainage is to a small septic tank, the final effluent being discharged on to the land. The water supply is rain water, which is stored in an underground big-capacity tank and pumped to a supply cistern on the roof of the administrative block, and flows thence to the various blocks. Lighting is by gas from the Local Gas Company.

During 1925 thirteen patients were admitted.

The remaining five of the twenty-three constituent Sanitary Authorities have made arrangements for the treatment of their cases of infectious diseases as follows:

Beverley M.B. ...... Cases treated at Driffield Isolation Hospital (three beds reserved).

Riccall R.D. ...... Cases treated at the Selby Joint Isolation Hospital.

During the year, eight patients were sent to Hospital from Sculcoates R.D., five from Beverley M.B., and one from Riccall R.D.

#### SMALL POX HOSPITALS.

The two Small Pox Hospitals are the County Hospital and the Beverley Borough Hospital.

The County Hospital serves an area of 691,453 acres with a population of 138,144, and includes eighteen of the twenty-three Sanitary Authorities in the Riding. The Hospital, which has recently been considerably enlarged, is situated near the village of Shipton in the Rural District of Pocklington. It consists of two pavilions (one brick built) with two wards in each, making the total accommodation twenty beds,

The caretaker's cottage provides accommodation for four nurses and a wardmaid. The outbuildings comprise a laundry, a garage for the motor ambulance, and a steam disinfector. Water supply is mainly collected rain water, but in addition there is a well with small petrol pump which gives a varying amount of water. Lighting is by oil lamps.

The Beverley Borough Small Pox Hospital is a temporary wooden structure, which would require considerable attention and expenditure to fit it for the reception of patients. It is situated in the Beverley Rural District, about half a mile outside the Borough.

Three of the remaining Sanitary Authorities, viz., Hedon M.B., Cottingham U.D., and Sculcoates R.D., have agreements with the Hull City Council for the reception of their cases at the City Small Pox Hospital.

The Rural District Council of Riccall have a similar agreement with the Selby Joint Small Pox Hospital.

#### AMBULANCES.

Two ambulances have been lent by the Home Service Ambulance Committee to the County. They are garaged at Bridlington and Beverley respectively. The County Council are responsible for the maintenance of the one at Beverley. This ambulance made 69 journeys with a mileage of 1,450 during 1925, compared with 60 journeys and a mileage of 1,149 in 1924. The sum of £59 12s. 3d. was received in fees. The charges are reduced or remitted in the case of necessitous persons. A form is now in use for signature by some relative or friend of the person to be carried who will guarantee payment of the charges incurred. It is necessary to obtain this guarantee to prevent abuse of the facilities provided.

Motor ambulances are also kept at the County Isolation Hospital at Driffield and at the County Small Pox Hospital at Shipton.

#### MIDWIVES ACTS, 1902 AND 1918.

Routine inspections of the practising midwives in the County are carried out by the Inspector of Midwives. Enquiries are also made in all cases of Puerperal Fever, stillbirths, liability of midwife to be a source of infection, etc. During the year 78 visits were paid by the Inspector.

The number of midwives who notified their intention to practise in the County during the year 1925 was 45, of which number 35 were qualified to do so as holders of a diploma and 10 as registered but uncertificated midwives. Three of the certificated midwives are employed by Local Nursing Associations. If it were not for these Associations there would be very little midwifery service available in the country districts, for they are so sparsely populated that a midwife could not possibly earn a livelihood. It follows from this statement that as the Local Nursing Associations only cover a relatively small area of the Riding the greater part of the County has no midwifery service at all.

Of the registered births 20% were attended by midwives, compared with 17% in 1924 and 13% in 1923.

Notices were received as follows: -

Sending for medical help	57
Stillbirths	8
Artificial Feeding	5
Liability to be a source of infection	1
Laying-out dead body	2

The payment of the fees of doctors called in by midwives in accordance with section 14 of the Midwives Act, 1918, amounted to £31 1s. 6d. During the same period £6 11s. 0d. was recovered from patients. No scale of fees is in operation, but the amount (if any) to be recovered is assessed by the County Medical Officer, who reports his action to the subsequent quarterly meeting of the Public Health Committee.

#### BLIND PERSONS ACT, 1920.

This Act required the County Council to make arrangements for promoting the welfare of the blind persons living within the Administrative County. The Act is administered by the Public Health Committee, who formulated a scheme in 1921, which was approved by the Ministry of Health. This scheme, which does not interfere with the duty of the Education Authority to provide education and training for the blind, provides, inter alia, by agreement with the Hull and East Riding Institute for the Blind,

- (a) employment for suitable cases in the workshops,
- (b) augmentation of wages,
- (c) home teaching and visiting,
- (d) supervision of blind persons employed in their own homes,
- (e) registration of blind persons ordinarily resident in the area, and
- (f) the provision of lodgings for blind persons who require such accommodation, if and when approved by the Council.

The number of blind persons on the register according to the latest return is 176. The Home Visitor, for whose services the County Council pay a sum of £200 yearly, devotes practically the whole of his time to the systematic visiting of all blind persons within the County. He gives lessons in Braille, supervises any home workers, and reports any unsatisfactory circumstances which come to his notice. Full reports of his work are received.

The County Council are directly responsible for the maintenance of seven persons at the Hull Institute, exclusive of any maintained by the Education Authority. The cost during the year, including augmentation of wages, was £481 13s. 6d.

Residential accommodation is only available for women. Male workers are provided with lodgings, which are under the general supervision of the Institute.

The National Library for the Blind, which supplies blind persons in the County with Braille and Moon type literature, is given an annual grant of £30 by the County Council.

### Sanitary Circumstances of the Area.

#### DRAINAGE, SEWERAGE AND REFUSE DISPOSAL.

The following information relative to Drainage, Sewerage and Refuse Disposal is extracted from the Annual Reports of the District Medical Officers of Health.

#### URBAN DISTRICTS.

Beverley. Scavenging is carried out by Contractors, and the refuse deposited outside the Borough. Although the town has a good water supply, only 1,351 out of a total of 4,111 closets are water closets. Privy middens number 1,880, and pan closets 880. During the year 47 privies have been converted into water closets. No definite policy has yet been adopted with regard to conversion with a view to the ultimate sole use of water closets throughout the Borough. Since 1920, however, 338 privies have been converted to water closets.

At the time of the last Survey Report, a considerable amount of sewage and trade waste was permitted to discharge into the Beverley Beck, a small canal connecting the town with the River Hull, giving rise to complaints of the nuisance caused thereby. These have now been obviated by diverting the trade waste from the Tannery direct to the main sewer. The Pumping Station at the Disposal Works has also been reconstructed and additional pumping machinery installed. The outfall into the River Hull has been taken to a point lower down stream, and well into the current.

Bridgeton. During the year 49 water closets have been provided to houses other than new ones, and 45 pail closets have been abolished. During the past five years 232 water closets have been provided, and 207 pail closets abolished. The Private Act, 1904, does not permit the erection of sanitary conveniences other than water closets in new buildings. The number of houses with pail closets only is 481.

All sewage is discharged into the sea. The Southern outfall is being repaired when the tides are suitable. The Harbour has recently been cleaned out and the mud carted to the New Sea Wall on the South Side.

Refuse disposal has been a source of anxiety to the Health Committee. The difficulties have been overcome so far, but as it has to be taken further away from the town, new methods have to be adopted. The cost, however, has increased considerably, but this increase is also due to the larger collections that have to be made. A new tip has been secured near the top of Bempton Lane. It is a good distance from the town and away from all houses.

FILEY. There are no cesspools in the town. All houses are directly connected with the town sewers, which discharge direct into the sea. The Council's own staff, under the direction of the Sanitary Inspector, carry out the scavenging of the town. Every house must have a galvanized iron movable dust-bin with a proper fitting lid.

Hessle. The sewage of the District is very efficiently dealt with and the sewers kept well flushed by the use of the tidal water from the Humber. This is impounded by means of lock gates with the rise of the tide and then released at low water, thus ensuring a thorough cleansing of the sewers. All sewage is, however, not water borne. There are in addition within the Urban District 375 privy middens and 124 pail closets. During the year 29 of the former and 6 of the latter were converted into water closets. These conversions are the result of the policy of the Council, which undertook in 1923 to expend annually on conversions the amount realised by a penny rate; the most necessitous areas to be selected and dealt with first.

Scavenging is partly carried out by the Council's own workmen and partly by Contract. The refuse from the dustbins is burnt in the open in an isolated locality. The contents of the privy middens and pail closets are collected independently from the house refuse and disposed of to the local farmers and market gardeners for manure.

HORNSEA. About three miles of new sewers have been laid during the past five years at a cost of over £6,000. All new houses and most of the old ones take the town's water.

A refuse incinerator now takes the place of the tip which was an abomination, Norton. The surface water and untreated sewage empties into the River Derwent. The sewer outfalls are periodically cleaned. So long as the river is running full this practice can be tolerated, but in dry seasons there is cause for complaint. Only about one-third of the houses have a water carriage system of sewage disposal. The rest of the houses make use of sanitary pans or ashpits. The former are emptied every week. The scavenging of the town is carried out by the Council's own workmen.

Pocklington. Nearly half of the houses are provided with water closets, the other half having combined privies and ashpits. The approximate number of privies in the District is 270, pail closets 3, and water closets 290. The removal of house refuse and the cleansing of closets, ashpits and privies in the District is done by the Urban Council, on notice being given by the occupier, a small charge being made, just sufficient to cover the expense of cleansing and removal.

WITHERNSEA. Scavenging, previously done by contract, is now undertaken by the Council.

During the year 23 privies were converted into water closets.

#### RURAL DISTRICTS.

Bridlington. No great change has taken place in the last five years in the system of scavenging or sewerage. Flamborough has an up-to-date sewage system. Other villages dispose of nightsoil on the land. The two larger villages arrange for scavenging by contract. Practically all midden-privies have been converted to earth closets with galvanized pails.

Driffield. Nafferton is the only village in the district where public scavenging is in force. It is undertaken by contract, and the contractor carries out his duties in an efficient manner. All excreta, etc., are disposed of by the contractor. In all other parishes the householders are obliged to remove and dispose of excreta and refuse in the most adaptable manner, generally by digging into the soil of the garden. It cannot be said that all is dealt with in an efficient manner, as, where there is no garden, or the garden is small, the householder is often at a loss to know

what means of disposal to adopt. As a result, privies are sometimes neglected for long periods, and are liable to become a menace to the health of the neighbourhood. It is desirable that public scavenging should be extended to include the larger villages of the area.

With the exception of Garton and Wetwang the larger villages are provided with covered main drains to receive slop water. Garton and Wetwang have open channels running alongside the main street and into which sink waste is discharged. The smaller and more scattered villages and isolated farm houses deal individually with their own sewage, etc.

In only three villages, namely, Kilham, Nafferton and Middleton, have sewerage systems been installed with settling tanks, etc.

There are comparatively few W.C.'s in the district, pail closets and privies being the more common arrangement. There are 1,878 pail closets, 785 privy middens, but only 111 water closets.

ESCRICK. Public scavenging is carried out in the villages of Wheldrake, Heslington, Dunnington, Elvington and Fulford, and has been adopted but not enforced in the rest of the District.

Howden. The greater part of the town of Howden is drained by pipes into a sluggish beck—the old Derwent—which runs into the Ouse. For about half a mile of its length this sewer is culverted in bricks, and passes under the houses. The fall in the Old Derwent is very little, 1-800, or in some places not more than 1-1100; sewage stagnates on its sides and at the bottom, and in summer particularly the beck is very offensive. Kilpin Pike has a sewer system into the River Ouse. Heming-brough, part open drainage and part sewer into the Ouse. Breighton, part into ditches and part into the River Derwent. Holme-on-Spalding-Moor, by pipes into open drains. Newport, into the canal, disused brick-ponds and ditches. All other parts are drained by pipes into open ditches.

There are a few water closets in the better-class houses, especially in Howden, flushed by rain water or water pumped from wells into cisterns, and discharging either into cesspools which are emptied from time to time, or directly into water courses. Except for these the privy-midden system prevails. During the past few

years many of these middens have been abolished, and removable galvanized iron boxes taken their place. In Howden Town and Kilpin collection of refuse is let by contract and removed weekly. In all other parts of the district the work is carried out by the occupiers of the houses. There are at present about 1,801 privy-middens, 907 pail closets, and 72 water closets in the district. 103 conversions from privy-middens to pail closets have been made since 1920.

Patrington. The parish of Patrington is the only one in the District provided with a completely distributed system of piped sewers, and with sewage disposal works. The sewers and disposal works were constructed in 1878. From time to time during the past five years the attention of the District Council has been drawn to the urgent need of repairs to the present works. In all other larger villages, the sewage is discharged into open sewers.

No system of scavenging is provided in the district. Approximately 60 per cent, of the houses are provided with pan closets, 40 per cent, privy. There are a few water closets. Whenever practicable conversion to water closets is being made.

Pocklington. During the past five years the sewerage has been commenced, extended, or finished in Barmby Moor, Bishop Wilton, Bugthorpe, Burnby, Cottingwith, Everingham, Fridaythorpe, Hayton, Market Weighton, Millington, Sancton, Seaton Ross and Stamford Bridge. The total length of these sewers exceeds 3,000 yards. A great amount of private drainage has been carried out by the owners of property. While much remains to be done, a great improvement throughout the District may be recorded under this head.

With the exception of Market Weighton, where a large proportion of the houses have water closets, practically the whole district makes use of privy middens or pail closets. Removal of refuse is in the hands of the tenants themselves, except in Market Weighton, where the work is carried out by the Parish Council.

RICCALL. "New" Barlby is the only part of the District which has a system of Sewerage and Sewage Disposal Works. The system is a combined one, the sewers also receiving the surface water, and it is designed to provide for a population of 5,000. The remaining villages drain to land drains.

The common form of sanitary convenience is the privy-midden, with the exception of "New" Barlby, in which the majority of the houses are supplied with water closets. In the parish of Barlby scavenging is carried out by the District Council, and ashpits and refuse bins are emptied weekly.

Sculcoates. In this scattered rural area all types of closets are to be found, and are kept under close supervision by the Sanitary Inspector. Water closets are insisted upon in all recently built houses where the house is within reach of water and drainage systems, the construction of cesspools not being in favour with the Council. Several conversions have been carried out during the past five years, but the Council have no fixed policy with regard to conversions.

Scavenging is performed partly by direct labour of the Council's workmen and partly by contractors. There has been a great extension of the use of sanitary dustbins in the area during recent years.

SHERBURN. The District Medical Officer states that the scavenging in the District is inadequate. It is left to the householders to dispose of the closet refuse, which is some cases is deposited dangerously near to the dwellings.

SKIRLAUGH. New sewers have been laid in the villages of Skirlaugh, Seaton, Bewholme, Lelley, Sproatley and Long Riston, to the total length of about 1,500 yards.

All scavenging is done by private individuals except that at Aldborough Cliff Top, which is done under a contract with a private individual and the owners. Any general system in such a sparsely populated district of 41 parishes would be impossible.

#### WATER SUPPLIES.

In a sparsely populated agricultural county it is hardly to be expected that public water supplies are to be found covering the rural districts. The very large initial capital cost which would have to be incurred by the local authorities concerned to provide supplies is the great drawback. Waterworks companies, too, are not sufficiently philanthropic to incur big capital expenditure on schemes which would return a very small percentage, if any, on their capital.

The details concerning the water supplies of each of the twenty-three Sanitary Authorities within the County may be summarised as follows:—

#### URBAN DISTRICTS.

Beverley. The Corporation own the waterworks. The water is obtained from two wells sunk into the chalk. They are connected by a large adit. The water is treated by a chemical filtration plant. A service reservoir is provided, with a capacity of from one to two days' supply. The quantity of water supplied during the year was 209,832,100 gallons. It is said to have been ample and of excellent quality. With an estimated population of 13,740, the consumption of water per head of the population works out at the high figure of 42 gallons per day.

In addition to the main public supply there are a few public pumps which obtain their water from bores into the underlying chalk.

Bridgeton. The public water supply is very good. It is derived from a well 193 feet deep, sunk into the chalk on the outskirts of the town. The supply is abundant, very pure, and of excellent quality for drinking and domestic use. The service reservoir, which is covered, has a capacity of well over a million gallons of water. It contains from one to two days' supply. The waterworks are the property of the Borough, and were purchased in 1899, and considerably enlarged in 1912. There are no wells in the town.

Hedon. The supply is derived from the Hull City Council mains.

COTTINGHAM. The main water supply for the District is direct from the mains of the Hull City Council Waterworks, which are situated within the parish. There are also a few wells. The bores from which the water comes are into the chalk, and average about 80 feet in depth.

Driffield Waterworks. The Waterworks are situated some distance from the town on the North side. The water is obtained from a deep well into the chalk. It is pumped into a covered service reservoir, which has a capacity equal to three or four days' supply, and flows

by gravity into all parts of the town. Other sources of supply are private wells, but the number is gradually diminishing.

FILEY. The public supply is the property of the Urban District Council. The water is obtained from two wells situated close to the Gas Works and Railway Station. The water, which is derived from the chalk, is pumped direct to the mains, and to a service reservoir at Hunmanby, about two miles distant. The water is excellent in quality.

Hessle. The water supply is direct from the mains of the Hull City Council. Nearly every house is directly connected with the mains. A few of the outlying houses are supplied with water from bore holes, but these are gradually being displaced by the public supply.

HORNSEA. The present supply is from a well on the Atwick Road to the North of the town, and somewhat near the coast. The supply is not over abundant, and needs careful chemical treatment, aeration and filtration before being passed into the service reservoir. The supply is being temporarily increased by additional water obtained from a well in Bewholme Lane in the vicinity, pending a final decision by the Urban District Council as to the future sources of supply. The waterworks are the property of the local Council.

The alternative schemes which have been considered by the District Council for an increase of the water supply are two in number. In the one, the Council propose to construct their own waterworks to the East of the Hull and Bridlington main line near the village of Arram. In the other, it is proposed to purchase water in bulk from the City of Hull. As might be expected, there are advantages and disadvantages to be considered in both schemes. The quality of water is practically the same in both cases, as it would be derived from deep wells in the chalk.

If the Council decide to proceed with their own scheme they are faced with a big capital expenditure, but are assured of an abundant supply within their own control. They might also, if the legal difficulties could be overcome, supply the villages in the Rural Districts of Beverley and Skirlaugh, through which the pipe line would pass. If, on the other hand, the Council decide to obtain a supply from Hull, they are saved the capital

expenditure, but are compelled in perpetuity to pay for the water at a minimum rate per 1,000 gallons after a certain daily consumption has been reached.

The supply in bulk would be to the boundary, so that it is possible that in order to force the supply into the service cisterns in the highest part of the town, the Council may be committed to a further expenditure for a pumping station at their boundary. The proposed pipe line for a supply from Hull would not pass through so many villages as the proposed line of the supply from the vicinity of Arram village.

Inquiries have been held by the Ministry of Health during the year with regard to a loan for capital expenditure for purposes of an independent supply as mentioned above. The Council's application was not granted pending further negotiations with the Hull City Council.

NORTON. The District is supplied with water from springs at some distance from the town, and the water stored in a service reservoir. The supply is abundant and of excellent quality, but a trifle hard.

POCKLINGTON. The town is supplied by water gathered from springs at Millington about three miles North of the town. The Waterworks are not the property of the District Council. The rest of the water supply is obtained from shallow wells. No new wells have been made during the past year, but two wells where the water was unsafe have been closed. Twenty-five houses have been connected to the water mains during the year.

WITHERNSEA. The District is supplied with water in bulk to the town boundary by the Hull City Council from their main, which passes through the Rural Districts of Sculcoates and Patrington.

The total amount of water used from the Public Supply during the year was 28,696,000 gallons. With an estimated population of 4,262 the amount per head consumed was 18.4 gallons per day.

The Public Supply was laid on to one hundred and twenty houses, of which number no less than 118 were new.

#### RURAL DISTRICTS.

Beverley. The following villages are now supplied with water from Public Works, viz., Brough, Brantingham, Elloughton, South Cave, and Molescroft. The village of Dalton has a private estate supply. The rest of the villages are dependent on wells with one or two exceptions where a spring is available.

BRIDLINGTON. There are three villages which at present have a public supply available. Two, viz., Bessingby and Sewerby, are supplied from the Bridlington Corporation Waterworks; the other, Flamfrom the borough, has its own installation of well, plant and reservoir. The public supply is not available for the whole of the village of Sewerby, but only for those houses which are within the contour line of supply by gravity. The public supply works at Hunmanby still remain in an unfinished condition, awaiting a time when costs of completion will show more favourable figures than are at present available. The greater part of the Rural District obtains its water from wells which may be shallow or deep, and as regards purity of supply may be good or bad. A new supply was provided for Carnaby by means of a deep boring.

DRIFFIELD. With the exception of Nafferton, which has a very good public supply either laid direct to the houses or obtained from stand pipes, the whole District has to rely on well water or rain water for its supplies.

The public supply at Nafferton is the property of the Council. It is derived from the chalk, and is pumped by a windmill or the oil engine into the main, and then falls by gravity to the village. The public wells at Garton and Butterwick have recently been replaced by bores with satisfactory results.

ESCRICK. With the exception of Fulford, which parish receives a public supply from the York City Mains, the whole of the District is dependent on collected rain water and wells, which are mainly shallow.

Howden. With the exception of a private supply, which is available for a few houses at Asselby and Knedlington and for the Workhouse, the whole of the Rural District is dependent on collected rain water or on wells which generally speaking cannot be looked on as other than most unsatisfactory. Attempts at boring have been a failure so far as obtaining a potable water is con-

cerned. This statement was very definitely proved by the determined efforts of the War Office to obtain a supply for the Howden Aerodrome.

The Rural District Council usually arrange for a supply of water by rail from Hull for the householders in Howden when no local supplies are available in dry seasons. The only feasible plan to enable the town of Howden to obtain a public supply would appear to be a supply drawn from the chalk in the vicinity of Newbald, or by agreement from Selby or Goole if the legal difficulties could be overcome.

Norton. The District is fairly well supplied with water, as full use has been made of the natural flow of water from the springs which issue from the chalk. The villages of Leavening, Rillington, Settrington and Yedingham all have public supplies. Thorpe Bassett, Scagglethorpe, Wintringham, Heslerton (East and West) and Burythorpe are enabled to draw on private supplies which are also laid on to the villages.

Patrington. As in the case of the adjoining Skirlaugh Rural District, this locality is fortunate in having the Hull Corporation main passing through a number of parishes on the way to Withernsea, and in addition a branch main is laid to the Crown Colony on Sunk Island. Unfortunately, except in Patrington and the Crown Colony, relatively few houses are directly connected to the mains. Stand pipes are not allowed in the villages, through which the main passes. In consequence the greater number of houses are compelled to use surface wells. About one-sixth, actually 290, of the inhabited houses are supplied with water from the Hull mains. At Winestead, water from a well is pumped by a windmill to a gravity tank from which it is piped to most of the houses in the village.

Pocklington. At Market Weighton there is a very good water supply derived from the chalk. The water is pumped by an oil engine to a service reservoir on a hill above the well, and then distributed by gravity to the town and to the village of Goodmanham. Both Barmby Moor and Shipton have complete installations of well and service reservoir. The pumping from the well is inexpensively performed by the use of windmills. A number of other villages obtain their supplies from the springs as they issue from the chalk. The villages of Millington, Thixendale, Kirby Underdale and Uncleby

are examples of this method of supply. In the rest of the District the supply is obtained from wells and bores.

RICCALL. Two parishes only, Barlby and Osgodby, have a public supply which is obtained from Selby. The rest of the District is dependent on wells, &c.

Sculcoates. The District is fairly well supplied owing mainly to its proximity to Hull, and consequent ability to obtain a water supply therefrom. Preston, Sutton, Anlaby, Willerby and Kirk Ella are all thus supplied. The villages of Swanland, Ferriby and West Ella have public supplies in house or from stand pipes, but with the parliamentary powers recently granted to Hull, the City Council have undertaken to supply the whole of the Western area. This will obviate the necessity to maintain the pump with deep bore, which is situated in Swanland. During the past two years the following new lengths of water main have been laid:

Preston	600	yards.
Sutton	500	,,
Anlaby	2000	,,
Kirk Ella	1000	,,
Ferriby	700	,,

Welton is supplied from stand pipes from a spring in Welton Dale, and the rest of the District from wells.

SHERBURN. The villages of Ganton, Staxton, Muston and Sherburn have no public supplies at present. It is, however, to be hoped that Sherburn will not be long without one as there is a plentiful supply of excellent spring water available. Potter Brompton has its own supply to stand pipes. A special pipe is laid to the Ganton Golf Club. Binnington has a supply pipe from the Wold spring above the village. The villages of Flixton and Folkton have their own water supply from wells by windmill and auxiliary engine.

Skirlaugh. The Hull Corporation main passes through the parishes of Bilton, Wyton, Sproatley, Flinton and Aldborough. Unfortunately very little advantage has been taken of this excellent opportunity to obtain an abundant pure water supply. No stand pipes are allowed. At present the number of houses which have availed themselves of the water supply is few. Practically the whole of the District is dependent on collected rain water and shallow wells. The Council have recently received sanction from the Ministry of

Health for the extension of the Hull water main from Aldborough village to the cliff top. This will enable the temporary dwellings recently erected there to be supplied with water, and will also make improved sanitary arrangements possible.

#### RIVERS.

There are only two rivers in the County, the Derwent and the Hull.

The Derwent rises in the North Riding in the moors about Hackness, by the junction of a number of becks. As soon as it reaches the East Riding it forms the division between the North and East Ridings as far as Stamford Bridge. From this point to its junction with the Ouse at Barmby Marsh the river is within the East Riding. The upper part of the river is fairly clean, but the lower course is muddy from land drainage and tidal invasion. The land which here borders the river is liable to frequent flooding. The river receives the crude sewage from Norton, Stamford Bridge, and the small villages on the banks.

The Hull rises by the junction of a number of clear streams from the Wolds in the vicinity of Driffield. It runs, after its junction with the Frodingham Beck, due South to join the Humber at Hull. The river is navigable by means of cuts to Driffield with short branches to Leven and Beverley.

Like the Derwent the River Hull is in the lower reaches a dirty, sluggish, muddy stream, which acts as main drain for the low-lying lands which border it. The outfall from the Beverley Sewage Works is discharged into the river.

The Foulness River, although so called, is simply a small stream which traverses a part of Howdenshire and discharges into the Market Weighton Canal.

The Humber and its tributary the Ouse forms the whole of the Southern and the greater part of the Western boundary of the County.

# Housing.

At the present time interest is more centred in this subject than in any other of the public health activities. It is a subject to which reference is constantly being made by politicians, numerous associations and societies, and of course by the people themselves. The question which naturally arises in this connection is a pertinent one, and refers to the proof of the generally accepted statement that the country as a whole is woefully deficient of housing accommodation. Doubtless certain districts can show a high proportion of bad overcrowding, but it is certainly true that other districts are much more favourably circumstanced.

In the 1921 Census the statistics relating to this county showed that in 39,059 dwellings with 215,762 total rooms, there were housed 173,730 persons, or 4.4 per house. Of the total number of houses, 5,039 had one, two or three rooms, 19,085 had four or five rooms, 11,126 had six, seven or eight rooms, and 3,809 had nine or more rooms.

There were 241 families (consisting of 448 persons) living in houses containing only one room; 1,864 families (consisting of 4,793 persons) living in houses containing two rooms, and 3,283 families (consisting of 11,392 persons) living in houses containing three rooms.

In the early part of 1920 the then Housing Commissioner for this region received from each District Council in the Riding an estimate of their housing needs for three years as follows. To the table I have added the number of new houses built year by year since 1920, as given by the District Medical Officers in their Annual Reports:—

	Estimate	d						
	needs for	r			Hou	ises B	uilt.	
District.	3 years.	1920	1921	1922	1923	1924	1925	Total.
Beverley M.B.	249		13	88	3	3	36	143
Bridlington M	.B 107	5	37	37	72	90	136	377
Hedon M.B	13	7	11	4	3	4	8	37
Cottingham U.	D 91	8	41	18	23	33	101	123
Driffield U.D.	20		-	9	8	9		26
Filey U.D	126	-	18	2	7	4	11	42
Hessle U.D	346	4	67	24	28	36	81	240
Hornsea U.D.	80	47	50	25	15	26	200	363

	timate							
	eds fo	r			Hou	ises E	uilt.	
District. 3 y	ears.	1920	1921	1922	1923	1924	1925	Total,
Norton U.D	24	3	1	6	5	4	5	24
Pocklington U.D	50	_		_	5		23	33
Withernsea U.D	170	12	20	50	70	65		217
Beverley R.D		5	15	17	23	27	28	115
Bridlington R.D		7	17	35	21		17	116
Driffield R.D		3	12	2	16	11	7	51
Escrick R.D		_	8	6	2	3	2	21
Howden R.D	143	7	39	10	12	37	18	123
Norton R.D		1	2	_	3	1	*	7
Patrington R.D				9	21	10	10	- 60
Pocklington R.D		4	12	18	6	8	9	57
Riccall R.D		78	66	2	7	6		159
Sculcoates R.D		43	70	47	52	100	170	482
Sherburn R.D			3	1	2	_	3	10
Skirlaugh R.D		4	-	11	3	17	14	49
Totals	9957	242	509	421	407	518	778	2875
20000		-1-	000	121	101	010		

\*Figures not yet to hand.

It is almost impossible to come to any definite conclusion from the foregoing table because admittedly the estimates were at the outset only roughly framed and would probably as the result of more detailed investigation be amended. Taking the figures, however, as stated, the deduction is that with the exception of the Borough of Beverley and the Rural Districts of Norton, Sherburn and Skirlaugh, the actual number of houses built goes a long way towards meeting any housing deficiency. In the case of Filey the original estimate was, I think, excessive.

It is to be hoped that no effort will be spared to improve existing cottage accommodation, now that progress has been made towards replacing the housing deficiency occasioned by the cessation of building during the war period. There are a number of cottages throughout the country districts and in the villages which are dilapidated, damp, insanitary, and with insufficient bedroom accommodation. They are only occupied because nothing else is available. A cottage which consists of a living room and a bedroom with sloping roof, which is reached by a ladder, is neither suitable, decent nor healthy for a workman with a family, and certainly does not tend to create a happy and centented outlook on life.

Some of the worst cases of overcrowding in the County which have come to my notice are given below:

No. in Family	Accommodation.	Remarks.
2 Adults. 5 Children.	Kitchen, very small scullery, one bedroom.	Bedroom unfit for use.  House in very bad  condition.
2 Adults. 5 Children.	Kitchen and one bed- room.	window in sloping roof.
6 Adults. 13 Children.	Kitchen, living-room, and three bedrooms.	Very good house. Occupied by three families.
4 Adults. 8 Children.	Ditto.	Occupied by two families.
2 Adults. 3 Children.	Kitchen and bedroom.	Clean, well kept house.
2 Adults. 7 Children.	Ditto.	Eldest child aged 16. Bedroom, 12 x 10 x 9.
2 Adults. 9 Children.	Ditto.	Bedroom 12 x 12 x 7. Eldest boy aged 17. Eldest girl aged 15.
2 Adults. 8 Children.	Kitchen, living-room, and two bedrooms.	House in bad con- dition.
2 Adults. 5 Children.	Kitchen and bedroom.	Property condemned.
2 Adults. 5 Children.	Kitchen, living-room, and two bedrooms.	Only one bedroom in use as other is in such bad condition.
5 Adults. 6 Children.	Ditto.	
2 Adults. 12 Children.	Kitchen, living-room, two bedrooms.	Parents clean and in- dustrious. All children under 14 years of age.
6 Adults. 5 Children.	room, and annexe.	Annexe is a very small room with sloping roof.
2 Adults. 8 Children.	Living-room and bed- room,	- Small railway coach sub-divided.
The Hea	lth Visitors report	all cases of gross

The Health Visitors report all cases of gross insanitary defects, and copies of these reports are forwarded to the District Medical Officers concerned.

Building Bye-laws have been adopted by eighteen of the twenty-three Sanitary Authorities within the County. No Building Bye-laws are in operation in the following Districts, viz., Pocklington (Urban and Rural), Howden, Escrick, Norton (Rural).

The following information relative to housing in the County is extracted from the Annual Reports of the District Medical Officers of Health.

#### URBAN DISTRICTS.

Beverley. Considerable progress has been made since 1920 with the Corporation Scheme for the erection

of 166 houses on the Grovehill Road site. 118 of these houses are already occupied, and it is anticipated that the remainder will be completed shortly. This will not satisfy the demand, and will not allow of any steps being taken to prevent overcrowding in the smaller houses, or enable us to deal with those dwellings which are obviously unfit for habitation and incapable of being made so except at a prohibitive cost to the owner.

Bridlington. 136 new houses have been erected during the year, which include 46 municipal houses. Other 88 are in course of construction.

Two houses have been demolished as unfit for human habitation, two houses closed, and resolutions have been passed to close two as unfit for habitation. There are a number of houses in various parts of the town for which closing orders should be made, but owing to the lack of houses it is not yet possible to do so. Whatever is done in the shape of repairs, these houses cannot be made reasonably fit for habitation, and it is to be hoped that the next lot of houses to be built will be to re-house those people who are living in the old, worn-out houses.

During the past five years 375 houses have been erected, 76 of which are under a Municipal Scheme and 85 subsidised houses. Four houses have been demolished as unfit for habitation, and four closed for the same reason.

FILEY. The older houses in the town are below the standard of modern requirements, and the provision of improved accommodation should be considered in the early future.

Hessle. There still continues to be a shortage of houses for working class people, as although 81 new houses were completed last year, no cottages—suitable as regards rent for a working man—were built. No plans are before the Council to meet the house shortage which exists and which is responsible for the presence of many instances of two, or even three, families living in the same house, and private builders seem to be quite unable to make any advance in this direction.

The general standard of housing in the area is good, but the Council are only waiting for a suitable opportunity to dispense with a few old cottages that are marked for falling, but which at present form a shelter for the occupiers, for whom at present no alternative accommodation is available.

HORNSEA. Since 1921 there have been 364 plans of houses representing nearly 600 new houses before the Council, of which over 250 are absolutely completed. The subsidy of £75 under the 1923 and 1924 Acts has been granted to 134 Parlour type and 8 Non-Parlour type. This is all to the good, but one would like to see cottages built which could be let to manual workers at a rental of 6/- or 7/- a week.

Pocklington. The only shortage is of working class houses, and this shortage is estimated at 30 houses.

The Council have prepared a Scheme and submitted the same to the Ministry of Health under "The Financial Provisions Act, 1924," and if approved it is expected that the above shortage will be met by private enterprise.

#### RURAL DISTRICTS.

Beverley. A considerable number (120) of new houses have been built, but as these are largely occupied by migrants from Hull the shortage in the villages is still acute, many cottages are in a bad state of repair and would be condemned if alternative accommodation were available.

BRIDLINGTON. While there is no excess of houses, it cannot be said that there is much demand for increased numbers of houses, the population, as previously noted, remaining nearly stationary in the District.

What is chiefly wanted is the provision of new cottages to let at a rent within the means of the inhabitants, to replace many old and inconvenient cottages which would be better vacated.

The Council under the Addison Scheme erected 16 houses. Since then, under Section I of the Act of 1919, the Council have certified for the lump-sum subsidy 10 houses erected by private persons, principally for their own occupation. Under the Act of 1923 the Council have adopted a small scheme comprising ten houses to be subsidised for erection of private buildings. Of these, at present, three have been taken up and are now in course of building.

Driffield. Compared with agricultural districts generally, the housing conditions of the area may be said to be fair. There are, however, houses throughout the District which are unfit or below a reasonable standard, and which it is difficult or impossible to repair. These should be replaced by new houses. During the past five years measures have been taken by the Council to meet any shortage, and the following houses have been built:—Kilham, 4; Nafferton, 3; Watton, 2; Cranswick, 8; Wetwang, 4; and North Frodingham, 4. Further building is also contemplated as follows:—Cranswick, 8; Middleton, 4; Nafferton, 4; Skerne, 2; Watton, 2; and Wetwang, 4; whilst other places are under consideration.

The defects found to exist in unfit houses are dampness and decay, bad foundations, structural defects, smallness of rooms, low ceilings and lack of sufficient window space and ventilation. As regards management by owners, there is usually no difficulty in getting small defects remedied, but the low rents and high cost of building materials and labour often preclude any large expenditure on repairs. In some cases also there is waste and neglect by a certain class of tenants.

Howden. In Howden Town there is a shortage of the right kind of house for working people with families. Those already erected on the Hull Road, taking into consideration rent, rates, and living expenses, are beyond the scope of an ordinary labourer. In many cases married sons and daughters are living with parents until a suitable house can be obtained. I must also point out that some houses in the district, condemned as unfit for human habitation, are still occupied owing to the scarcity. Having no building bye-laws, wooden buildings are being erected in nearly every part of the district without regard to water or drainage.

The general standard of house is fairly good in the area, being brick and tile dwellings. The defects chiefly found are faulty roofs and dampness due in the main to the absence of damp-proof courses. Many of these can be remedied by landlords.

Subsidy houses numbering 37 (13 erected during the year) have been built by private enterprise under the Housing Act of 1923. The Council during the year increased the amount of subsidy from £76 18s. 6d, to

£90 in the hope that it would encourage the building of houses.

Patrington. Most of the working class dwellings are old, some houses are of a very poor type, and damp. Many back-yards are unpaved or defectively paved. More attention to the surroundings of premises is needed, especially in view of the close proximity of the wells to The best type of working class houses are to be seen on the Crown Settlement, Patrington, with one or two striking exceptions in Patrington. Most of the houses in the district are occupied, but in the villages there is a great need of modern building, which is eagerly sought after. In Patrington itself, there are still some houses without a back way, coals, refuse, &c., having to be passed through the living-room. Unfortunately the position is such that improvements cannot be made to produce an economic rental, and no other houses can be found for the present tenants.

Pocklington. There is a decided shortage of good accommodation. There are many houses occupied which would be condemned if there was other available accommodation. That there is a demand for more houses is evident by the applications submitted for Council houses, and the private house owners in every part of the District have waiting lists of considerable length.

The Council, in 1920, built 16 houses in Market Weighton and made known as widely as possible the subsidy schemes. Twelve houses were built by private enterprise under the various forms of subsidy. In 1925 a private firm discussed with the Housing Committee of the Council the possibility of providing workmen's cottages. At the close of the year a scheme was launched commencing with 5 houses under the Housing (Financial Provisions) Act, 1924, with the payment of £12 10s. 0d. per annum for forty years.

RICCALL. Under the Housing Act, 1919, the Council decided on a Building Scheme of 63 houses. The actual number erected has been 32. The 32 houses elected have to some extent relieved the demand for houses in the Rural area, but it may safely be said that they have not to any real extent relieved the housing conditions of the true bona-fide village inhabitant. The whole question is one of finance because the agricultural

worker is quite unable to pay the rent of houses built under present day costs. There is a demand for a cottage which can be let at a rental not exceeding five shillings per week.

Sculcoates. The house shortage is not so acute in this area as it was two or three years ago, but there is still an absence of new dwellings within comfortable reach—from the point of view of rent—of a" working man." New houses completed in the area in 1925 number 170, and of these 99 were subsidy houses of villa or semi-villa type. There is daily increasing evidence that the supply of these equals the demand, and when it is found that they no longer find a ready market it may be possible for Local Authorities— and builders—to use this subsidy money for assistance in erecting workmen's houses.

SHERBURN. Three houses have been erected during the year by private enterprise, a number grossly inadequate for the needs of the district.

Overcrowding and consequent ill-health is common, and even apart from overcrowding there is a number of houses below the reasonable standard for health, which would be condemned as soon as better accommodation could be provided.

SKIRLAUGH. Fifty-five new houses have been built in five years. Seventeen of these have received the subsidy. No housing scheme has been adopted, but the Poor Law Institution has been converted into twelve workmen's cottages.

Although in the main the various Housing Acts are administered by the District Councils, the County Council may provide dwellings in connection with small holdings. The Education, Standing Joint and Highways and Bridges Committees may also provide houses for their respective employees. During the years 1921-25 inclusive the number of houses built in this way was:—

(a)	by th	e Education Committee	17
(b)	by th	e Standing Joint Committee	10
(e)	by th	e Small Holdings & Allotments Committee	38
(1)	by th	Highways & Bridges Committee	1

# Inspection and Supervision of Food.

#### MILK SUPPLIES.

Generally speaking little improvement can be said to have been made during the past five years in the cleanliness and purity of the milk supply within the County, although the subject is gradually receiving more attention, and will undoubtedly continue to do so if the recent Milk and Dairies (Amendment) Act, 1922, the Milk (Special Designations) Order, 1923, made under it, and the Milk and Dairies (Consolidation) Act, 1915, are properly administered. These Acts in conjunction with the Tuberculosis Order of 1925 should go far to improve the purity of the milk supply, especially if the consumers will interest themselves in the subject.

#### MILK (SPECIAL DESIGNATIONS) ORDER, 1923.

In 1924 only one certificate for the production of "Grade A" milk had been granted. This milk is simply clean milk with consequent good keeping qualities and obtained from healthy cows. Two more certificates were issued during 1925, and the number has now increased to six. In all the cases except one the milk is bottled on the farm by the producer. This is an obvious advantage to the consumer as it enables the milk to be delivered without any further chance of contamination during delivery, and the day and time of production stamped on the capsule guarantees freshness. The practice of bottling is being copied by some producers who do not seal or date the bottles and so give no guarantee as to its quality or age. The producer of milk in the rural districts is very much handicapped in the matter of water supplies, for public supplies are seldom available. In dry weather all water has to be carted, a condition of affairs which prevents the free use of water for cleansing cowsheds, dairies, &c.

#### TUBERCULOSIS ORDER, 1925.

The Tuberculosis Order of 1925, which came into force on the 1st September last, gives power to the Local Authority to slaughter tuberculous cattle and to pay compensation for them, if possible on an agreed value basis, otherwise only under the special authority of the

Ministry of Agriculture. The diseased beasts are brought to the notice of the Local Authority by (a) notifications by veterinary surgeons, (b) notifications by owners, and (c) information from other sources. There is so far no systematic inspection of all milking cows for clinical evidence of disease. The beasts slaughtered are almost entirely those which show extensive disease. If it can be shown that the presence of a few tubercle bacilli in milk is not detrimental to the health of those who drink it, then the present method of detecting the diseased beasts can be looked on as fairly satisfactory. If on the other hand it can be proved that the presence of any tubercle bacilli in milk is dangerous to children, then there should be a thorough and systematic veterinary inspection of all milking cows.

The work under the Tuberculosis Order, 1925, is carried out in this County by a whole time Veterinary Surgeon.

The following are details of the work done from the commencement of the Order up to the end of the year under review:—

No. of animals slaughtered	67
Tuberculosis of the udder 8 cas	es.
Tuberculous emaciation 55 cas	es.
Chronic cough and showing	
definite clinical signs of tuber-	
culosis 4 cas	
Compensation paid £164 5s. (	)d.
Advanced cases	60
Not advanced	
Cows in milk	
Cows not in milk	

The Public Health Committee have recently passed a resolution by which any Sanitary Authority is enabled to recover from the County Council one-half of the charges incurred in the examination of samples of milk for the presence of tubercle bacilli.

#### MILK AND DAIRIES (CONSOLIDATION) ACT, 1915.

Under the Milk and Dairies (Consolidation) Act, 1915, two reports were received from the City of Hull that samples of milk taken by them and produced in the East Riding had been found to contain the tubercle bacillus. Action was taken under section 4 of the Act.

In one case the herd of ten cows was examined and passed as clinically healthy, but from enquiries it transpired that a short time previously two cows had been sold in the market. In all probability one or both of these cows were affected. The other sample taken was traced to a herd of nineteen cows, the owner of which held a licence for the production of "Grade A" milk. Here again a careful clinical examination of the herd failed to reveal any evidence of disease, and necessitated the taking of samples for biological tests. Samples from groups of three cows were therefore taken and submitted for examination. One sample was returned as showing the presence of the tubercle bacillus. A further visit was paid to the farm to see the three cows from which this sample had been taken, but no evidence of disease could be detected. Individual samples from two of the cows (the third having been sold in open market) were then taken for biological tests, but with negative results. The assumption is therefore that the offending beast was the one that had been sold.

#### PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Parts IV., V., and VI., of these regulations contain provisions for the protection of meat against contamination by dirt, &c. As might well be expected the regulations have been put into force in the various Districts of the County with varying degrees of strictness. Generally speaking, it may be said that the standard of the shops, &c., is best in the seaside resorts, but that elsewhere, with one or two notable exceptions, there appears to be only little difference from the conditions which obtained heretofore.

In order to enable the Sanitary Inspectors throughout the County, of whom only two held a Meat Inspection Certificate, to obtain some practical knowledge of meat inspection, arrangements were made for a course of lecture demonstrations to be held last July in Hull. They were given at the office of the Chief Food Inspector. Two courses were held so that the class should not be too large. Altogether 17 Sanitary Inspectors out of a possible 23 attended the course.

Details relating to the condemnation of unwholesome food in the several Sanitary Districts of the County will be found in Table XII.

### 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, 1926.

Total No. of Samples taken.	Number Adulterated or below the pre- scribed standard.	Number of Prosecutions.	Amount of Penalties including Costs.		
664	53	18	£56 7s. 6d.		

Samples found adulterated or below the prescribed standard and action taken.

Article Analysed.	No. found Adulter- ated,&c.		ecu including			Remarks.
Baking Powder	1	_	£	s.	d.	Cautioned.
Brandy	1	1		_		Proceedings pending.
Butter (formal)	4	1		5	0	1 conviction. 3 No proceedings.
Camphorated Oil	1	1	1	0	0	
Gin	2	1	2	0	0	1 cautioned. 1 conviction.
Ground Ginger	1	-		-		No proceedings. Adulteration too small to render proceedings advisable.
Milk (formal)	35	11	49	2	6	9 convictions. 1 dismissed. 1 withdrawn. 24 No proceedings.
Carried forward	45	15	52	7	6	

Article Analysed.	No. found Adulter- ated,&c.	No. of Prosecu tions.	Amount of Penalties including Costs.			Remarks.
- subsequal M			£	s.	d.	
Brought forward	45	15	52	7	6	
Milk Curd (formal)	1	-		-		Proceedings considered in- advisable.
Milk Curd (informal)	2	-		-		No proceedings. Being informal samples, proceedings were inpracticable.
Potted Meat	1	-		-		Small adulteration rendered proceedings inadvisable.
Scotch Whisky	4	3	4	0	0	1 conviction. 2 proceedings pending. There were circumstances in connection with the purchase of the other which rendered proceedings inadvisable. Cautioned.
TOTALS	53	18	56	7	в	

N.B.—The two cases adjourned at the close of the year ended 31st March, 1925, for third portions to be sent to the Government Analyst were dealt with as follows:—

70c Milk. Fined £10 and Government Analyst's Fee, £1 1s. 0d.

Analysis by Public Analyst confirmed by Government Analyst.

71c. Milk. Fined £5 and Government Analyst's Fee, £1 1s. 0d. Analysis by Public Analyst confirmed by Government Analyst.

During the year four persons were proceeded against under Part 3 of the Sale of Food Order, 1921, for exposing imported meat for sale not labelled as imported. Convictions were obtained in each case, the total fines, including costs, being £11 2s. 0d.

From the foregoing table it will be seen that of the total number of samples taken, 53 or nearly 8% were adulterated or below the prescribed standard. The number of samples taken corresponds to 3.9 per 1,000 of the estimated population of the County. The rate recommended by the Ministry of Health for efficiency is 2.0 per 1,000.

The administration of the Food and Drugs Acts is in the hands of the General Purposes Committee. The duties, which were formerly administered by the Police, were taken over towards the end of 1917.

In the Borough of Beverley the Sanitary Inspector is also the Inspector for the purposes of the Food and Drugs Acts. The samples taken by him for examination during the year numbered 61, of which 39 were taken formally and 22 informally. Nine samples proved unsatisfactory, and prosecutions were undertaken in four of these. The prosecutions, which were for adulterated milk, resulted in two of the defendants being fined and the other two being ordered to pay the costs of the action, but without the infliction of a fine. Seven milk samples out of 35 were found to be unsatisfactory.

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

Report for the year ended 31st December, 1925.

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	331	(Both samples contained Formic Aldehyde or Formalin to the extent of at least 230 parts per million parts of milk. Proceedings were taken under the Food and Drugs Acts. Conviction obtained in each case).
Cream	6	0

- 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.
  - (b) Determinations made of milk fat in cream sold as preserved cream.

# Prevalence of and Control over Infectious Diseases.

TABLE II.

Cases of Infectious Diseases Notified during the year 1925.

Notifiable Disease.	Urban Districts.	Rural Districts.	Adminis trative County.
Small-Pox			
Scarlet Fever	98	120	218
Diphtheria (including Membranous Croup)	27	42	69
Enteric Fever	13	8	21
Puerperal Fever	3	2	5
Erysipelas	22	14	36
Ophthalmia Neonatorum	2	1	3
Encephalitis Lethargica	3	2	5
Acute Poliomyelitis	1	1	2
Pulmonary Tuberculosis	91	96	187
Other forms of Tuberculosis	20	23	43
Pneumonia	62	52	114
Cerebro-Spinal Fever		1	1
Totals	342	362	704

#### DEATHS FROM PRINCIPAL EPIDEMIC DISEASES.

The number of deaths due to the seven principal epidemic diseases, viz., small pox, measles, scarlet fever, diphtheria, whooping cough, fever (typus, enteric and simple continued), and diarrhea (under the age of two years), in 1925 was 50, giving a death-rate of .30 per 1,000 of the population.

The corresponding rates for previous years are as follows:—

Average rate for 5 years,	1901-1905	1.02
do,	1906-1910	80
do.	1911-1915	.58
do.	1916-1920	.43
do.	1921-1925	.33

#### SMALL POX.

Certain of the District Councils in the County took advantage during 1924 of the clause in the Infectious Diseases (Notification) Act, 1889, to make the notification of Chicken Pox temporarily obligatory, and so lessen the risk of a case of mild Small Pox being mistaken for one of Chicken Pox. It is hardly necessary to point out that the clause is of little value unless each notified case of Chicken Pox is verified by the Medical Officer of Health.

No cases of Small Pox occurred in the County during 1925, although the disease was prevalent in adjacent Counties.

Except for the year 1924, when six cases occurred, the County has been free from the disease during the five years 1921-25.

#### ENTERIC FEVER.

Of a total of 21 cases which occurred in the County during the year, 13 occurred in the Urban Districts and 8 in the Rural. The number of deaths caused by the disease was 2, giving a case mortality of 9.5% compared with 5.2% in the preceding year. Usually the incidence of the disease falls more heavily on the Rural than the Urban Districts. This year, however, the incidence is reversed owing to the fact that 7 of the notified cases occurred in the Urban District of Driffield.

The source of the infection there was not determined, for no factors relative to the disease and common to the affected households were forthcoming.

The number of cases of the disease in the whole County dropped suddenly in 1907 to 66 from figures of 127, 125, and 126 for the years 1904-05-06 respectively. Since the year 1907 the number of cases notified has varied considerably. The figure has been as high as 90 in 1911 and as low as 7 in 1923. It is not easy to account for the fluctuations in the number of cases year by year or to account for the gradual decrease in the incidence of the disease throughout the County, but to a certain extent the decrease may fairly be ascribed to the better education of the people in sanitary matters through the agency of Child Welfare Centres and Health Visitors. It is certainly not due to the introduction of public water supplies to the villages, for no progress has been made in this particular direction during the past ten years.

#### SCARLET FEVER.

The total number of cases notified during the year was 218. This number shows a decrease on the previous year when 291 notifications were received. Both in this and in the previous year more cases occurred in the rural districts than in the urban. The Districts from which the largest number of cases were reported were the Boroughs of Beverley and Bridlington and the Rural Districts of Escrick and Beverley. The fact that there were no deaths recorded may be taken as confirmatory evidence of the mild nature of the disease.

#### DIPHTHERIA.

Notifications of 69 cases were received during the year, compared with 47 in the previous year. Only one death was recorded from the disease. The notifications during the past five years have numbered 198, 155, 114, 47, and 69. Good provision has been made throughout the County for combating this disease. It includes Isolation Hospital accommodation, the free provision of anti-toxin by District Councils, and the free bacteriological examination of suspected material. The factor in connection with the disease which is hardest to surmount is the failure to put the cases under treatment with anti-toxin early enough. Either the parent does not call

in medical help sufficiently promptly or the practitioner delays the use of anti-toxin pending the receipt of the bacteriological report on the throat swab.

#### PUERPERAL FEVER AND OPHTHALMIA NEONATORUM.

Five notifications of the former and three of the latter were received during the year. Both the diseases are further referred to under the heading of Maternity and Child Welfare.

#### BACTERIOLOGICAL EXAMINATIONS.

There is no County Laboratory apart from the Laboratory in connection with the Central Dispensary at which specimens of sputum are examined.

By an arrangement with the County Council, practitioners throughout the County are empowered to send for examination any specimens on which they desire an opinion as an aid to diagnosis. Half the charges are paid by the County Council and half by the Council of the District in which the patient resides. In the past all this work has been carried out at a Laboratory in London. The drawback to this arrangement lies in the fact that so much time is occupied in the transit of the specimens to London and in the consequent delay in hearing the result of the examination. Recently six of the District Councils have requested that the work be transferred to the Laboratory at Scarborough, and this has been arranged.

The accompanying table gives details of the specimens submitted for examination during the year:—

	Dipht	theria	Pht	hisis.		eric ver.	Water	Other Exam- inations	Totals
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.			
URBAN DISTRICTS.			-			-			
Beverley	***	17	5	16		2		1	41
Bridlington		27	5	24	****	***		8	64
Cottingham	2	10	1	15			***	***	28
Driffield	1	14	***	3		3		1	22
Filey		1		2				1	4
Hedon	***	1	1	***		***	***		2
Hessle	3	14	2	18	1				38
Hornsea		7	7	15					29
Norton	1	6	2	10	***		***		19
Pocklington	1	7	1	4		***			13
Withernsea	5	13	1	5				8	32
RURAL DISTRICTS.									
Beverley	3	16	4	10		2		1	36
Bridlington	1	2	1	3	***		"	1	12
TO 140 13	5	12	3	8	***	1	3	1	33
	20				**				
Howden	1	12	2	8	***	2	***	1	26
37 1		1		2	***			1	4
	2	7	2	8	444			4	23
D 11: 4		8	3	12	***	***	***	2	25
70' 11	***	4	3	15	***		7	5	28
g ,	3	18	5	20	***		1	1	48
e					***	1	5	3	9
	4	7	1 2	12				0	37
Skirlaugh	4	'	4	12	***	1	11		01
.R.C.C.									
Public Health	***		2	11					13
Isolation Hosp.	30	111	***			1		2	144
Joint Sanatorium		1	5	7				2	15
Elementary Education .		9					4	52	65
TOTAL	62	325	58	228	1	13	28	95	810

#### TUBERCULOSIS

Report by Dr. T. Readman, the Clinical Tuberculosis Officer.

In the following Report on Tuberculosis for the purposes of the Survey Report for 1925 it is proposed to arrange the details according to the suggestions contained in the Ministry's Circular No. 648.

#### NEW CASES AND MORTALITY DURING 1925.

The following table shows the new cases which have come to notice during the year either by formal notification or otherwise, and the deaths from tuberculosis as returned by the Registrar General:—

		NEW	CASES.			DEAT	THS.	
Age	Pu	il.	Non-	-Pul.	P	ul.	Non-I	Pul.
Periods.	M.	F.	M.	F.	M.	F.	M.	F.
0		_	1		1	-	2	_
1	1	_	5	2	2	_	5	1
5	6	15	10	6	4	5	4	2
15	19	35	3	8	9	21	1	2
25	52	39	3	3	28	31	3	1
45	13	7	1	1.	16	5	2	1
65 and upwards	2	_	-		2	-	1	1
	-	-	-	-	-	-	-	_
Totals	93	96	23	20	62	62	18	8
			_			-	armone.	_

The following are the death-rates for the County for a series of years:—

#### DEATH RATES FROM PULMONARY TUBERCULOSIS.

Districts.	Average rate for the ten years. 1911—1920	1917	1918	1919	1920	1921	1922	1923	1924	1925
ninistrative County	0.78	0.85	0.97	0.81	0.78	0.74	0.80	0.64	0.65	0.74
an Districts	0.89	1.10	1.08	0.69	0.98	0.90	0.89	0.72	0.78	0.85
ral Districts	0.70	0.68	0.90	0.88	0.65	0.64	0.73	0.59	0.56	0.67
	OTHER	FOE	RMS	OF T	UBEI	RCUL	osis			
ninistrative County	0.30	0.36	0.29	0.36	0.24	0.19	0.23	0.24	0.23	0.16
an Districts.	0.30	0.44	0.26	0.34	0.14	0.18	0.23	0.27	0.27	0.13
al Districts	0.30	0.31	0.31	0.36	0.31	0.19	0.23	0.22	0.20	0.17

TABLE III.

Notifications received during 1925 under the Public Health (Tuberculosis) Regulations, 1912.

M C.	STOTE	Sanatoria.	36	27	63	63
FORM C.	Gillian	Poor Law Institutions.	:	. :	1	1
School		Total Notifica	:	:	1	:
FORM B. Notifications from Sch Medical Officers.	Y ONS.	Total.		:	:	
FORM B. fications from Medical Office	PRIMARY	10 to 15	1	:	-	:
E ificat Med	PRIMARY NOTIFICATIONS.	5 to 10	1	:		
Not	Z	Under 5	1	;	;	:
		Total notifica- tions on Form	91	95	23	20
FORM A. Notifications from Private Medical Practitioners.		Total.	91	94	67	20
titio		sbr'wqu & 60	61	:	1	:
Prac		55 to 65	00	61	1	1
lical	NS.	do of de	10	10	1	-
A. Med	CATIC	64 of 68	20	10	1	1
FORM A	PRIMARY NOTIFICATIONS	55 to 85	31	28	60	60
For Pri	Y N	20 to 25	6	15	н	4
fron	IMAR	15 to 20	6	119	61	4
tions	PR	51 of 01	6.1	00	2	00
ificat		01 of 6	44	7	4	00
Not		5 of 1	П	1	5	c1
0,341		1 of 0	:	i	Т	:
0.10 A	in the same of the	Age Periods.	Pulmonary-Males	" Females	Non-Pulmonary-Males	" Females

Quarterly Returns are now made by the District Medical Officers of Health to the County Medical Officer showing the number of cases added to and removed from the Registers during the quarter. According to these returns the number of cases on the registers kept by the District Medical Officers increased by 94 during the past year. The details are as follows:—

Pt	ılmor	Non	1-Pu	lmor	ar	V.	
	M.	F.		M.	F.		Total.
On Registers 31st Dec., 1924	154	140		50	32		376
Added during the year	92						227
Removed during the year	50	63		11	9		133
On Registers 31st Dec., 1925	196	169		61	44		470

# PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.

These Regulations were framed for the purpose of preventing any person who is suffering from tuberculosis of the respiratory tract and who is in an infectious state from undertaking any employment in connection with a dairy which would involve the milking of cows, the treatment of milk, or the handling of vessels used for containing milk.

Only one case has so far been dealt with. This was a notified case of pulmonary tuberculosis who was vending ice-cream. No action was taken as the patient had no active signs of the disease and no evidence was forthcoming that his sputum had at any time contained tubercle bacilli.

#### PUBLIC HEALTH ACT, 1925.

No action has been taken by the County Council during 1925 under Section 62 of the above Act.

The knowledge of the power of compulsion given under this Section has frequently been used as a lever to prevent Sanatorium patients taking their discharge when their home conditions were unsuitable. This section will be of great importance, but compulsory detention may have an adverse influence on the morale and discipline of the Institution involved.

#### TUBERCULOSIS SCHEME.

DISPENSARY. The Council's scheme includes one Central Dispensary. This is situated at Beverley, and is open two days a week. The County Medical Officer of Health is Administrative Tuberculosis Officer. The Medical Superintendent of Raywell Sanatorium, Dr. Readman, is the Clinical Tuberculosis Officer.

The staff of the Dispensary consists of the Clinical Tuberculosis Officer, a Clerk, and an Attendant, together with three School Nurses who attend once a week to report personally on the results of their visits to the homes of the tuberculous patients in the County.

The attendances at the Dispensary during the year totalled 691. One hundred and twenty-nine cases were seen for the first time, as compared with 648 attendances and 137 new cases in the preceding year.

BEDS AVAILABLE. At the East Riding and City of York Joint Sanatorium the County Council have 43 beds available for all types of cases, except such as require active surgical or orthopædic treatment. Patients have also been sent during the year to the Yearsley Bridge Sanatorium, York, to the Cripples' Hospital, Alton, and to the Orthopædic Hospital at Kirbymoorside. One patient discharged from Raywell was sent to the Preston Hall Colony.

The special need for the isolation and treatment of advanced cases of pulmonary tuberculosis is recognised. At present such cases are removed to Raywell and segregated. The fourteen beds in the Hospital Block (six for males and eight for females) are always fully occupied by advanced cases. In cases where the patient is unwilling to be moved, arrangements are made whenever possible to send any children to Raywell or to relatives.

Co-operation with Sanitary Authorities. Any cases brought to notice by the District Medical Officers of Health receive prompt attention.

Co-operation with Hospitals, &c. Any adult cases needing active surgical treatment are sent to the Hull Royal Infirmary. As soon as possible these cases come back to Raywell to continue treatment.

Children are sent by arrangement to the Children's Hospital, Hull, and Gynæcological cases to the Women's Hospital, Hull. Orthopædic cases are sent to Alton and Kirbymoorside, and cases of infectious disease to the County Isolation Hospital at Driffield,

There is close co-operation between the School Medical Officers and the Tuberculosis Officer, and any cases recommended for sanatorium treatmentare admitted as soon as vacancies occur. Urgent cases can usually be admitted without delay.

Co-operation with Practitioners. In connection with the arrangements set out in Memo. 286 in regard to the co-ordination of the work of Tuberculosis Officers and Insurance Practitioners, it is necessary to appreciate the difficulties met with owing to the wide area and the scattered population of the East Riding. This militates against complete co-ordination between the Insurance Practitioner and the Tuberculosis Service, but as far as possible the recommendations in Memo. 286 are carried out.

The Tuberculosis service of the County Council endeavours to provide treatment and attention for all cases of which information is received either through the usual channels of notification, from information from Medical Practitioners, or in the case of children from the reports of the School Medical Officers. Endeavour is made to secure an early diagnosis in all cases. The Clinical Tuberculosis Officer is at all times anxious to assist in the diagnosis and to arrange for the treatment of all cases coming to his notice.

Effective co-operation between Insurance Practitioners and the Tuberculosis staff is fully maintained in the East Riding. There is always a definite understanding as to who is responsible for the treatment of cases.

When an insured patient is discharged from the Sanatorium a notification is sent to the practitioner on whose panel the patient's name appears. When an uninsured case is discharged the Tuberculosis Officer communicates with the doctor either by telephone or by letter in all cases in which such action is necessary. It has been found more satisfactory to have a conversation on the telephone with the doctor in most of the cases referred to the Dispensary for opinion. In many cases personal letters are sent. This system has worked very satisfactorily.

All cases notified are visited by the Nurses and the conditions of the homes and the contacts are reported to the Tuberculosis Officer. In new cases Form G.P. 17 (revised) is sent to the Insurance Practitioner in charge of the case, and the Tuberculosis Officer has had no difficulty in getting the needed information. If the practitioner desires a consultation with the Tuberculosis Officer this is immediately arranged and the necessary advice given.

Home Contacts. The examination and systematic supervision of home contacts is one of the difficulties met with owing to the large area and scattered population of the Riding. Each notified case and each case leaving the Sanatorium is followed up by the School Nurses. An environmental report is prepared and submitted to the Clinical Tuberculosis Officer, who decides upon any further action needed.

Special Methods of Diagnosis and Treatment. Clinical examination is mainly relied upon for diagnostic purposes supported by X-Ray examination when needed. This latter is arranged for with the Hull Royal Infirmary Authorities. Specimens of sputum not examined at the Dispensary are sent to the Clinical Research Association.

The treatment that has given the most marked results during recent years has been the administration of Colloidal Calcium for various tubercular conditions. At Raywell, at the Dispensary, and in the County, it has become a routine practice to give hypodermically .5 c.c. Colloidal Calcium in all cases of active and recurrent hæmoptysis. The results have been uniformly good. The same method has been adopted in all cases of adenitis, with and without sinuses. In cases of fistula so treated the sinuses have healed perfectly. One other case deserves special mention.

About February, 1925, I was asked to see a case which was thought to be of tubercular origin. The patient, a girl of about twenty, recently recovered from a sharp attack of influenza, had no chest signs, but her general condition showed signs of a profound toxemia. Extending from the right great trochanter to the outer side of the right knee there was an area about four inches across in which everything had sloughed down to the muscle fibres, even the fiscia lata had been involved. There were similar areas on the outer surface of the right upper arm, the right buttock and the right leg. It was thought Sanatorium treatment might

do her good, but it was fairly obvious the condition was not tubercular. With the idea of increasing the calcium content I advised Colloidal Calcium (.5 c.c. hypodermically) every four days. After the second injection there were signs of improvement, and at the present time everything is soundly healed, and the girl is doing house work.

One case of tubercular ulceration of the hand in a boy of ten, who had had courses of light treatment without result, healed perfectly and quickly under Colloidal Calcium treatment together with natural heliotherapy.

The number of cases of cervical adenitis seen at the Dispensary diminishes year by year, and this diminution seems to agree with the experience of the School Medical Service. The fashion of attributing every case of cervical adenitis to tubercular infection has changed, and regard is had to more accurate classification. It is now recognised that adenitis due to tubercle is not such a common condition as it was once thought to be, and that other factors in the causation of adenitis deserve investigation, e.g., oral sepsis, dental caries, &c.

Dental Treatment. There is no provision for dental treatment at the Dispensary or in the County area. Insured patients are advised to take advantage of any dental treatment provided by their Approved Societies. The dental treatment of patients in receipt of pensions for tuberculosis is arranged for with the Chief Area Officer of the district in which the patient resides.

Cases at Raywell Sanatorium requiring dental treatment are seen by the appointed Dental Surgeon, who attends at the Sanatorium at the request of the Medical Superintendent. Ambulant cases attend at the Dentist's surgery.

Provision of Nursing and Extra Nourishment. There is no provision of nursing in this County beyond the visits of the School Nurses who act in an advisory capacity.

Extra nourishment is ordered by the Clinical Tuberculosis Officer in all cases in which such action is necessary. During 1925 extra nourishment was supplied to 39 patients, compared with 34 in 1924 and 29 in 1923.

TREATMENT OF NON-PULMONARY TUBERCULOSIS. No definite provision has been made for this treatment within the County. In the case of children, beds can now always be obtained at Kirbymoorside. In the case of adults application has to be made to any Institution which admits the type of case. Eight patients not in need of surgical treatment were admitted to Raywell during the year.

"CARE" AND "AFTER CARE." We have no After-Care Committee, but the Nurses keep in touch with all cases and report at intervals to the Clinical Tuberculosis Officer.

During the year, 289 cases were added to the Nurses Lists. Of this number, 132 were patients who had been discharged from Raywell or who were positive sputum cases, and to these periodical visits were paid. In addition 362 cases from previous years were on the visiting lists making a total of 494 to be visited. The total number of visits to these patients was 1,679, an average of 3.4 per case.

The Tuberculosis Nurses are also the School Nurses. Sputum Flasks and Disinfectant are supplied free to those who require them.

EMPLOYMENT OF EX-PATIENTS. No organisation exists within the County for the employment of discharged patients, but those about to be discharged from the Sanatorium are advised as to what work they might attempt.

SHELTERS. Fourteen shelters of the most approved pattern are provided by the County Council, and all are constantly in use. Visits of inspection are made by the School Nurses and the Clinical Tuberculosis Officer to ensure that proper use is being made of the shelters.

Incidence of Tuberculosis (e.g., Occupation). The great majority of the people in the East Riding are employed in agricultural work. Barlby is the only place in the Riding where the people live under industrial conditions. The workpeople there are well housed, and there is little or no unemployment. The incidence of the disease does not seem to be affected.

#### RAYWELL SANATORIUM.

This Institution is the joint property of the East Riding County Council and the City of York. It is situated just within the Urban District of Cottingham It is distant 4½ miles from Cottingham Station and 2½ miles from Willerby. The altitude above sea-level is 215 feet. It is sheltered from the North and East winds, and as it is a converted mansion, is fortunate in possessing pleasing and well-wooded surroundings. The total area of the site is now upwards of 50 acres, seven acres of pasture land having recently been acquired.

The Sanatorium was opened in 1920, with thirty beds distributed in eight rooms of the mansion. At this period preference was given to ex-Service sailors In 1921 four pavilions were built and and soldiers. equipped, consisting of (a) a male block of eighteen beds in eleven cubicles, (b) a female block giving accommodation to 12 patients in eight cubicles, (c) a children's day-room divided by a folding glass screen, one half being used as the children's dining-room and the other as a School-room, and (d) a hospital block accommodating eight female patients and six males. The four of the eight wards in the administrative block, which had been occupied by male patients, were in 1921 opened as dormitories for twenty children. The children do not come into contact with the adult patients at any time.

The Clinical Tuberculosis Officer is the Medical Superintendent, and the other officers are a matron, a sister and eight nurses, together with the usual domestic staff. The outdoor staff consists of an engineer, a motor driver, two gardeners and a labourer.

A steam laundry was equipped and opened in 1921. The washing for the patients and staff is all done here. The water supply is obtained from the City of Hull Waterworks. There is a service reservoir quite near to the Sanatorium. Electric lighting is provided by the Institution. The sewage disposal system consists of settling tanks, sludge tank and sprinkler.

The number of beds pro-	vided	is as	follo	vs:-	
	York.	East	Rid	ing.	Total.
Male Block					
Hospital Block	4		10		14
Female Block	4		8		12
Children's Block	6		14		20
	_				-
Total	.21		43		64
			-		-

The percentage of beds occupied to beds provided was 94.8 in 1923, 94.4 in 1924, and 95.0 in 1925.

The classification of the cases admitted expressed as a percentage of total cases was as follows:—

	1923.	1924.	1925.
Observation	41.1	 50.0	 43.0
Early	16.8	 16.0	 12.8
Intermediate	10.0	 12.6	 17.8
Advanced	23.3	 15.4	 21.2
Non-Pulmonary	8.8	 6.0	 5.2

The following table shows the number of cases receiving treatment in residential Institutions during 1925 and the results obtained.

	Male.	Female.	Total.
Total cases treated	108	81	189
Discharged—			
Improved	64	46	110
Without improvement	9	7	16
Died	9	9	18
Residential treatment discontinued		1	5
Still under treatment on the 1st Jan., 1926		18	40

Excluding loan charges, rent, rates, taxes and insurance the cost per patient per week amounted to 38/6.4d, in 1925, compared with 39/2.4d, in 1924 and 36/7.9d, in 1923.

Contributions from patients towards the cost of their maintenance have been received as follows:—

Year.	Number of P	atients. Amou	int.
1923.	65.	£175 0s.	. 8d.
1924.	72.	£189 18s.	. 7d.
1925	57.	£148 6s.	. 5d.

The County Council have taken over the responsibility for the treatment of all cases of tuberculosis in the Riding. The Poor Law Authorities are interpreting this very literally, and press us to find accommodation for all their cases of tuberculosis. Modern Sanatoria are ideal for the treatment of cases which are capable of arrest and for the treatment of children threatened with or suffering from the disease, but they are not suitable for the treatment and nursing of advanced cases. The elaborate accommodation necessary for the treatment of early cases is not called for when the advanced stage is reached, nor need these patients undergo the discomforts which this system entails, but until some other provision is made for the care of

advanced cases in the Riding such cases will have to be treated at Raywell and so limit the available accommodation. If and when the County Council take over the administration of the Poor Law it will be comparatively easy to provide comfortable homes for advanced cases in each of the present Poor Law Districts of the Riding. Raywell Sanatorium would then be quite able to deal with all cases of early tuberculosis in the Riding; cases, that is, that really require and would benefit from the Sanatorium method of treatment.

# PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916.

The Council's scheme for the diagnosis and treatment of venereal diseases has been continued unchanged from its inception to the present time. Three Clinics are available for persons resident in the East Riding. The days and hours of attendance are as follows:—

	Hull Royal Infirmary.	Leeds General Infirmary.	York County Hospital.
Males—	Mondays, 3 to 7 p.m. Tuesdays, 4-30 to 7 p.m. Saturdays, 2 to 4-30 p m.	10 a.m. to 12 noon. and 2 to 7 p m.	Fridays,
Females-	-Thursdays, 4 to 7 p.m.	Mondays, 1-30 to 3 p.m. Thursdays, 5-30 to 7 p.m.	Wednesdays, 3 to 4 p.m. Fridays, 7 to 7-30 p.m.
Infants-		Fridays. 1 to 2 p.n Tues. 5-30 to 6-30 (congenital cases)	p.m. Do.

Notice has been received from the Board of Management of the Hull Royal Infirmary that after the 4th March, 1926, they intend to discontinue the Clinic held in the out-patient department. Arrangements are, however, being made for County patients to attend the Hull Municipal Clinic which is being built.

Altogether 36 new patients were treated at the Clinics during the year, compared with 28 in 1924, 34 in 1923, 210 in 1922 and 207 in 1921. Only six of this

number were dealt with at the York Clinic. Not a single new case attended the Leeds Clinic from the East Riding during the year.

There are no irrigation treatment centres subsidiary to the Clinics, and as there are so few cases in the country districts their establishment is not necessary.

Necessitous persons are assisted to obtain treatment by the payment of their travelling expenses to the Clinics. During the year 10 persons (9 adults and 1 child) were so assisted at a cost of £30 17s. 1½d. Of this amount no less than £22 7s. 4d. was paid in respect of the attendance of four patients. As no information is available as to the circumstances attendant on the contraction of the disease one cannot enter a protest if a patient is refunded all his expenses for treatment of disease which may have been contracted by his own folly. Admittedly this provision assures the treatment of cases which would otherwise probably go untreated to the detriment of their own health, but it seems anomalous that a patient with tuberculosis attending at a Dispensary is not so generously assisted.

During the year 251 specimens were submitted for laboratory examination. Of these 128 were sent by practitioners.

No requests were received for arsenobenzol or allied substitutes for the treatment of patients in their own homes.

#### TABLE IV.

### 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 1925.

925.						
UT-PA	TIENT CLINIC—	Hull.	York.	Leeds.	Total 1925.	Total 1924.
A.	Number of persons dealt with for the first time and found to be suffering from—					
	Syphilis	10	3		13	13
	Soft Chancre	3	-	_	3	1
	Gonorrhœa	17	3	-	20	11
	Conditions other than Venereal	-		_	_	3
	Total	30	6	-	36	28
В.	at out-patient Clinic	298	76	-	374	283
	ENT DEPT,					
С	Aggregate number of Inpatient days	166	66	1	232	60
ALVAR	SAN SUBSTITUTES—					
D.	Number of doses of Arseno- benzol compounds given in connection with:—					
	1. Out-Patient Clinic	28	34	-	62	47
	2. In-Patient Dept	18		-	18	-

# Maternity and Child Welfare.

At the time of writing the last Survey Report maternity and child welfare work was only just being undertaken in a systematic manner by the appointment of a Superintendent Health Visitor and four Assistant Visitors. Other arrangements have since been sanctioned, so that at the present time provision is made under the following heads, viz.:—

(1) Maternity and Child Welfare Centres.

(2) Home visitation of expectant mothers and of infants and young children.

(3) Grants to Nursing Associations which employ

Certified Midwives.

(4) Maternity Hospital accommodation.

(5) Provision of extra nourishment for necessitous expectant or nursing mothers and for children up to the age of five years.

#### INFANT WELFARE CENTRES.

Six Infant Welfare Centres have now been established in the County, three under the direct control of the County Council, two in conjunction with the County Council, and one by a voluntary body. The latter is, however, equipped by the Council.

The times of attendance at the Centres and the number of attendances are given below:—

Centre.	Day and time of Meetings.	No. of Meetings.	Total Attendances.	Average Attendance per Session.
Driffield	Wed. 2-4 p.m.	25	630	25.2
Hessle	Tue. 2—4 p.m.	24	380	15.8
Pocklington	Wed. 2—4 p.m.	20	489	24.4
Hedon	Thur. 2—4 p.m.	11	192	17.4
Withernsea	Thur. 2—4 p.m.	14	138	9.8
Howden	Tue. 3 p.m.	12	203	16.9

All the Centres are held fortnightly with the exception of Hedon and Howden, which meet once a month.

The Centre at Driffield is the property of the County Council, but all the others are held in rooms which have been lent free of charge except for the cost of heating, cleaning, etc.

#### HOME VISITATION.

This work is carried out by four Assistant Health Visitors under the supervision of the Inspector of Midwives. They are not responsible for the visiting in the Boroughs of Beverley and Bridlington or in the areas of the Local Nursing Associations at Howden, Hornsea and Sutton. They are responsible for the visitation of over 2,000 births a year, so that we cannot be said to be fully staffed, especially as so large a portion of the Health Visitors' working day is of necessity spent in travelling owing to the wide distribution of the population.

The following table shows the work done during the year:—

To expectant mothers:	
First Visits	131
Subsequent Visits	106
To infants under 1 year of age:	
First Visits	
Subsequent Visits	4617
To children between 1 and 5 years	4076
To illegitimate children (not included above):	
First Visits	112
Subsequent Visits	290
To insanitary premises	40
Other Visits	83
$\overline{1}$	1,609

In April, 1925, permission was given for the Health Visitors to attend a course of post-graduate lectures organised by the College of Nursing. The course, which lasted a week and included visits to various Institutions and Hospitals, was held in Leeds. The

lectures were well attended and of much value to those present, for their knowledge of their work was both enlarged and refreshed.

### NURSING ASSOCIATIONS.

The County Council make grants of £25 per annum to the Nursing Associations at Hornsea and Sutton, and a grant of £45 per annum to the Association at Howden, on condition that they each employ a nurse-midwife who will also act as Health Visitor in their respective districts. They are also required to furnish details quarterly of the work done.

The subjoined table shows the work done during the past year:—

]	Howden.	Hornsea.	Sutton.
To expectant mothers:			
First Visits	37	32	18
Subsequent Visits		46	56
To infants under 1 year of			
age:			
First Visits	120	92	29
Subsequent Visits		79	210
To children between 1 and 5			
years		200	155
To illegitimate children (not			
included above):			
First Visits	8	_	_
Subsequent Visits		_	3
Other Visits		_	
Confinements attended:			
(a) With a doctor	1	12	11
(b) Without a doctor		14	5
(b) Without a doctor	00	11	
Total	837	475	487
10001			

There are also Local Nursing Associations at Hessle, Filey, Welton and Norton. The Hessle Association have an excellent Home where provision is made for the admission of maternity cases.

Throughout the rest of the County the East Riding Nursing Association supplies nurses to its subscribers. Subscriptions and fees are paid according to the following scale:—

Sui	Annual bscription.	
Class 1—Professional men, large farmers and tradesmen		
Class 2—Small farmers and tradesmen, artisans, Schoolmasters, workmen, and servants receiving £2 per week, such as hinds,		
gardeners, keepers, etc Class 3—Labourers		$\frac{12/6}{7/6}$

The nurses are not certified midwives and therefore cannot attend confinements unless a doctor or midwife is also engaged.

It will be seen from the above survey of the Nursing Associations of the County that apart from the few districts where the Nursing Association maintain a nurse-midwife, the poorer workers in the rural districts throughout the rest of the County are without any easily available nursing help in case of illness unless they are subscribers to the East Riding Nursing Association. In time of sickness reliance has to be placed on such untrained nursing assistance as can be rendered by relatives or friends.

The Boroughs of Beverley and Bridlington have their own Nursing Associations and also make their own arrangements for Maternity and Child Welfare Work.

### MATERNITY HOMES AND HOSPITALS.

The County Council established a small Maternity Home in Driffield in 1921. The original intention was to provide accommodation for not less than eight beds with the necessary staff, but for financial reasons the Home was opened with only two beds. When first opened arrangements were made whereby the Superintendent Health Visitor was enabled to live at the Home and attend to any cases admitted. This arrangement was not, however, very satisfactory, for it considerably curtailed the time available for supervision of out-door work. It was for this reason that a resident-midwife was recently appointed.

The weekly charge for admission to the Home, which is available for any applicants living within the Administrative County, is 30/-, but this charge may be

reduced or remitted in necessitous cases. There is no fixed scale, each case being considered individually.

I wenty-three patients were admitted to the Home during the year, compared with 18 in the previous year. The average stay in the Home was 14 days. Apart from the admission of women, arrangements were also made for the treatment of four very debilitated infants who needed careful feeding to save them. As the Ministry of Health do not approve of the regular admission of women and infants the cases in question were only admitted under very urgent circumstances.

Medical assistance was called in on one occasion, and the sum of £89 7s. 6d. was received in fees.

Provision is also made for the admission of women to the York Maternity Hospital, but as accommodation can usually be found without difficulty at Driffield the cases sent to York are those of difficult or abnormal confinements. One patient with a contracted pelvis was transferred from the Driffield Home, and another patient was admitted direct for induction of labour. One woman under ante-natal care was also admitted to the Hull Infirmary for a Cesarean Section.

## PROVISION OF EXTRA NOURISHMENT.

Milk has been provided free of cost to 63 necessitous expectant or nursing mothers and to children under five years of age. The Health Visitors issue vouchers for stated quantities of milk for periods not exceeding one month. If necessary fresh vouchers are issued for further periods. There is no fixed scale, but full particulars of each family's circumstances are submitted to the subsequent quarterly meeting of the Committee for approval. The total cost of the milk supplied during the year was £43 9s, 9d.

The gratuitous provision of milk in the case of a large family where the father is a labourer is a real help, for it would appear that generally speaking there is no other source of help available except the Poor Law, and this help is quite naturally refused because of the taint of pauperism.

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

By order of the Ministry of Health the administration of the Notification of Births Acts was transferred from the District Councils to the County Council in 1919. The Boroughs of Beverley and Bridlington, however, remained autonomous authorities under the Acts.

NUMBER OF BIRTHS NOTIFI	ED DURING	1925.
First Quarter		
Second Quarter		
Third Quarter		671
Fourth Quarter		
	Total	2798
		-

year was 3,004. In order to obtain some idea of the extent to which the requirements as to notification are being observed it is necessary to ignore all births which occurred in the Boroughs of Beverley and Bridlington as these are not notifiable to this office. It is also necessary to disregard the births notified from the Hull Municipal Maternity Hospital situated in the Cottingham Urban District as these are not included in the County figures. After taking these factors into account the figures show that 92% of the registered births were notified, compared with 93% in each of the two previous years.

Arrangements have been made by which the Local Registrars forward to me particulars of births which have been registered but not notified. During the year particulars of 218 such births were received.

The following table shows the position as regards notification in the several Registration Districts of the County, viz.;—

Registration District.	Sanitary Districts.	Births Registered	Births Notified.	Difference
Selby	Riceall R.	112	117	+5
York	Escrick R	103	92	-11
Pocklington	Pocklington U.	51	47	-4
	Pocklington R.	215	177	-38
Howden	Howden R	261	226	-35
Beverley	Beverley R		217	-16
Sculcoates	Cottingham U.	74	69*	-5
	Hessle U	104	109	+5
	Hedon M. B	32	28	-4
	Sculcoates R		157	-17
Patrington	Withernsea U.	46	54	+8
	Patrington R	168	158	-10
Skirlaugh	Hornsea U		64	+1
	Skirlaugh R		131	-4
Driffield	Driffield U		95	+2
	Driffield R	218	211	-7
Bridlington		145	127	-18
Scarborough	Filey U	40	38	-2
	Sherburn R		38	-3
Malton	Norton U		51	-24
	Norton R		92	-13
	Totals	2488	2298*	-190

<sup>\* 500</sup> Births were also notified from the Hull Municipal Maternity Hospital in the Cottingham Urban District.

# PUERPERAL FEVER.

Notifications were received of 5 cases of Puerperal Fever, compared with 11 in 1924 and 4 in 1923. It is satisfactory to note the improvement in the figure this year. There were three deaths from the disease, but one of them was not notified. The particulars relating to the other two deaths show that in the first case attendance was by an unqualified midwife without any medical supervision. In the other, attendance was by a handy-woman acting under the personal directions of a practitioner.

The following table gives the maternal mortality in the East Riding since 1916:—

Year.	Puerper	al Fever.	and dis	ccidents eases of ncy and rition.	Both (	Causes.	No. of births.
	Deaths.	Rate per 1000 births.	Deaths.	Rate per 1000 births.	Total Deaths.	Rate per 1000 births.	orrens
1916	4	1.24	10	3.11	14	4.35	3215
1917	2	•73	10	3.66	12	4.39	2729
1918	2	•70	11	3.87	13	4.57	2843
1919	6	2.17	8	2.89	14	5.06	2764
1920	2	.52	10	2.59	12	3.11	3861
1921	3	*87	10	2.90	13	3.77	2445
1922	2	.62	13	4.03	15	4.65	3229
1923	5	1.55	12	3.72	17	5.27	3244
1924	8	2.61	9	2.93	17	5.54	3067
1925	3	1.00	8	2.66	11	3.66	3004

# OPHTHALMIA NEONATORUM.

Only three notifications of this disease were received, compared with 8 in the previous year. None of the cases showed any permanent visual defect. All notifications, except those of cases which occur in the Boroughs of Beverley and Bridlington where independent Infant Welfare schemes are in operation, are enquired into with a view to the provision of in-patient treatment if necessary. It would be an advantage if the notification of cases could be made direct to the Maternity and Child Welfare Committee of the County as well as to the District Medical Officer.

# TABLE V.

1925.

# Cases of Infectious Disease Notified. Urban Districts.

NOTIFIABLE DISEASE.	Totals	Beverley	Bridlington	Cottingham	Driffield	Filey	Hedon	Hessle	Hornsea	Norton	Pocklington	Withernsea
		1	2	3	4	5	6	7	8	9	10	11
J353 334												
Small-Pox												
Scarlet Fever	98	28	22	12	10	1	***	3	2	1	14	5
Diphtheria	27		***	3	11	***	1	4	1	1	1	5
Enteric Fever	13	1	1	1	7	****	***	1	44.1		221	2
Puerperal Fever	3			1	2		-111					
Erysipelas	22	9	1	3	4	2	4.66	2	17.7	***	***	1
Ophthalmia	2			4	20.0	0.11		4				
Neonatorum	2	***	499	1	***		48.1	1	111		***	
Encephalitis	3			2						100		
Lethargica	3		+ 4.4	2	112	127		***	1	***	***	
Acute Poliomyelitis	1		1				-2100				Dec 20	
	1	****	1	***		***	***		1994		111	***
Pulmonary Tuberculosis	91	26	12	6	3	5	1	8	9	6	2	13
Other forms of	01	20	12	0	0	0		0	0	0	-	10
Tuberculosis	20	10	4	9		9580		2				2
Pneumonia	62	43	1	2 2	1		1	10			2	2
Cerebro-Spinal	02	1		-	1		_	10		200	-	1
Fever												
20102		1		1	1	1		1770	1			1
7/10/19/19/19												
		-		-		-	-	-	-	-	-	-
Totals	342	117	42	33	38	8	3	31	13	8	19	3(

# TABLE VI.

1925.

# Cases of Infectious Disease Notified. Rural Districts.

NOTIFIABLE DISEASE.	Total	1 Bererley	Bridlington	Driffield	Escrick	den	u u	gton	ingtor	_	ates	2	d or
		1		0.7		Howden	Norton	Patrington	Pocklington	Riccall	Sculcoates	Sherburn	Skirlaneh
			2	3	4	5	6	7	8	9	10	11	12
ll-Pox													
	100	00	100	10	10	4		****	44	***	11	***	1
let Fever	120	28	5	10	43	4			11	1	11	4	
theria	42	7	2	6	1	8	2	2	**	***	3	2	
eric Fever	8	1	1	2000	2	44.4	2	1	1000	100	***	1	
rperal Fever	2	***		***	17:	***	***	1	***		***	1	
sipelas	14	3		1	1		***	3	3		3		
thalmia Neonatorum	1	22.5	***				2.00	100					
ephalitis Lethargica	2						***	2		***	- 4+	***	
te Poliomyelitis	1	1				***		***	107		49.4		
nonary Tuberculosis	96	11	4	7	5	14	1	14	13	7	8	3	
er forms of "	23	3	5	1		1	1	4	3	1	1	2	
umonia	52	19		1		14		1	2	3	10	2	
ebro-Spinal Fever	1	1			***					***	***		
		-	_	-	-		_	_	_	-			-

TABLE VII.

# EAST RIDING OF YORKSHIRE. Vital Statistics of Whole District during 1925, and previous Years.

Autor			BIR	THS	NET I	DEATHS BEL-		THE
			-		Under 1 y	rear of age.	At all	Ages.
	YEAR.	Estimated Population.	Number.	Rate.	Number.	Rate per 1,000 net Births.	Number.	Rate.
	1	2	3	4	5	6	7	8
	1910	154,010	3451	22.4	322	93	2001	13.0
	1911	155,037	3483	22.4	392	112	2079	13.4
	1912	156,105	3351	21.6	250	74	1914	12.3
	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	2009	13.8
	1917	144,595	2729	16.9	254	93	2098	14.5
	1018	(a) 145,207 (b) 162,699	2843	17.4	241	84	2496	17:1
	1919	(a) 152,645 (b) 159,010	2764	17.4	206	74	2040	13.4
	1920	(a) 158,727 (b) 158,887	3861	24.3	258	66	1953	12:3
	1921	(a) 162,631 (b) 162,917	3445	21.1	263	76	2013	12.3
	1922	(a) 163,804 (b) 164,094	3229	19.6	224	69	2127	12.9
	1923	165,170	3244	19.6	188	58	1895	11.5
	1924	(a) 165,970 (b) 166,120	3067	18.5	. 189	62	2070	12.5
	1925	(a) 166,470 (b) 166,690	3004	18.0	200	67	1909	11.5

<sup>(</sup>a) Population for Death-Rate. (b) Population for Birth-Rate.

TABLE VIII. Rainfall Returns, 1925.

Station. RGs	ght of ain auge re Sea evel.	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.
8	feet.	TheMeteorologicalOffice	23.98	206	25.44 for 12 years
pholme 11	,,	W. Evans, Esq	23.02	173	24.53 for 12 years
n Head 29	,,	The Meteorological Of fice	18.88	184	21.31 for 12 years
h Cave 35	,,	Major W. H. Carver	26.45	160	27.66 for 7 years
ington 40	,,	Mr. W. J. Algar	26.19	108	23·29 for 12 years
thorpe 63	,,	F. K. Hawes, Esq	27.56	193	26.60 for 12 years
73	,,	W. Bethell, Esq	25.41	186	25.74 for 8 years
7 95	,,	Rev. Canon Cooper	27:30	218	25.51 for 12 years.
npston 100	,	W. H. St. Quintin, Esq.	29-26	205	28.38 for 12 years.
nington 110	,,	Miss E. Hildyard	25.62	212	25.76 for 12 years.
on Holme 150	,,	Mr. J. P. Jobling	28.40	202	28.35 for 12 years.
erley (E.R. ntal Hospital) 175	,,	Medical Superintendent	21.40	193	26·19 for 12 years.
ter230	,,	Miss A. Coxon	29.03	160	29.23 for 12 years.
vthorpe 240	,,	Rev. W. Robinson	28-99	189	27.76 for 11 years.
sall304	"	Mr. James Anderson	29.53	158	30.60 for 12 years.
endale425	,,	Miss Cooper	24.27*	131*	30.92 for 12 years.

\*Records cover ten months only.

I am indebted to the above named for their kindness in forwarding to me the Returns.

TABLE IX.

Birth and Death Rates for the Administrative County and for the several Urban and Rural Districts in the Riding during the year 1925.

	Popul	Population.	Births.		Deaths	.ns.		100	0 of the 1	opulatio	1000 of the Population.		Rat
DISTRICTS.	Census, 1921.	Estimated 1925.	Number	Rate.	Number	Rate.	Principal Epidemic Diseases.	Pulmonary Tuberculosia	Other Forms of Tuberculosis.	Respiratory Diseases.	Heart Disease.	Cancer.	Infants under 1 year per 1000 births.
Administrative County	173730	166470	3004	*18.0	1909	11.5	.30	.74	-16	1.37	1.56	1.42	9.99
Municipal Boroughs and Urban Districts	74494	06699	1094	16.3	818	12.2	55	.85	13	1.46	1.72	1.67	9.19
of Beverley	13469	13740	273	19-9	206	15.0	.58	08.	-15	2.77	2.11	2.11	113.6
Bridlington	22764	16120	243	15.1	208	12.9	.31	-68	.12	1.12	1.74	2.05	37.0
Hedon	1321	1424	32	22.5	19	13.3	1	1.40	1	1.40	2.81	2.81	31.2
Urban Districts— Cottingham	5133	5393	74	13.7	20	9.3	.37	.93	.19	-74	78.	1.48	54-1
Driffield	5674	5650	93	16.5	72	12.7	.18	88.	.18	1.59	2.30	1.59	64.5
	4549	3541	40	111.3	41	11.6	1	.28	1	1-13	2.54	1.13	75.0
	6105	6332	104	16.4	53	8.4	-16	-95	1	-95	1.74	64.	48.1
	4279	3949	63	16.0	58	14.7	1	1.27	.25	94.	1.52	.25	63.5
	3854	3854	75	19.5	49	12.7	.78	1.30	.26	1.30	2.85	1.30	2-99
Pocklington	2645	2725	51	18.7	23	8.4	-37	1	.37	1.10	-37	1.83	78.4
Withernsea	4701	4262	46	10.8	39	9.1	1	1-41	1	1-41	-23	2.11	43.2
Rural Districts	99236	99480	1910	*19.2	1091	11.0	.29	19.	-17	1:31	1.46	1.26	0.99
Beverley	11774	11730	233	*19.5	121	10.3	-34	11.	.26	1.28	1.45	F6.	1.09
Bridlington	8154	7830	145	18.5	81	10.3	1	.38	.26	1.92	11.	1.02	55.2
	11646	11570	218	18.8	150	13.0	-35	.43	.26	1-12	1.12	1.99	82.6
	2808	5896	103	17.5	55	9.3	-17	.51	-11	1.36	12.	1.19	48.5
	13006	13040	261	20.0	137	10.5	.38	1.07	80.	1.46	1.15	1.07	65-1
	5398	5342	105	19.7	28	10.9	.19	.75	92.	-94	2.81	.75	47.6
Patrington	7577	7515	168	22.4	81	10.8	.27	08.	1	.53	1.60	1.46	53.6
Pocklington	10898	10930	215	19.7	138	12.6	.46	.18	1	1.28	1.65	1.37	74.4
	5332	5525	112	20.3	09	10.9	.36	06.	.18	2.35	1.81	1.45	53.6
Sculcoates	10331	10930	174	15.9	109	10.0	1	.91	72.	1.10	2.20	1.01	51.7
Sherburn	2094	2165	41	18.9	22	10.5	1	.46	1	2.31	1.39	1.39	48.8
			- Section -		000	No. of the last	1				-		

<sup>\*</sup> These Birth Rates are based on the following figures, which include non-civilians:— County, 166690; Aggregate of Rural Districts, 99700; Beverley R.D., 11950.

to the Biding during the year 1825.

TABLE A.

Causes		of, a	and A	Ages	at	Death	Death, during	ring	the	Year	r 1925,	프	the	URBAN	AN D	Districts	ets.			1	1
			DEATE	IS IN OR	SUBJO	NGING 1	DEATHS IN OR BELONGING TO DISTRICTS AT SUBJOINED AGES.	RIOTS		-			DEATHS IN OR BELONGING TO EACH (AT ALL AGES)	IN OR	BELON (AT A	GING T	O EACE	I DISTRICT	TOIS	0	1
CAUSES OF DEATH.	Ages.	Under 1 year	1 and under 2	2 and under 5	5 and under 15	16 and under 25	25 and 4	under 65	under 75.	75 and up- wards.	Bererley.	aotgalibir853	madgalitico 🛬	Drimeld.	Z Tiley.	Hedon.	∞ Hessle.	Hornsea.	S Norton.	Pocklingt's	Withernse
All Causes	818	74	18	10	22	33	92	178	-	227		208	20	7.2	41	19	53	58	49	23	39
								-				1	:	:		:	:	-	:	;	:
Enteric Fever	:	;	: .	:	:	:										:	:	-	::	:	::
Small Pox	: '	: '		: '	:	:	:	:		:	:	-	-				-		2	:	***
Measles	20	-	00	-	:	:	:	:	:	:		-	-		:	:		:		:	
Scarlet Fever	:	:	:		:	:	:	1	:	:	:		:	:	:	:	:	:	:	:	:
Whooping Cough	2	-	:	67	61	:	:	:	:	1	4	-	1	:	:	:	:	1		:	:
Diphtheria	:	:	:	:	:	:	-	-	***	:	**	:	:	-	:	:	:	:		:	:
Influenza	17	61	-	-	:	1	61	9	4	67	4	63	1	67	61	:	:	00	:	1	67
Encephalitis lethargica	61	:	1	:	:	63	:	:	:	:		:	-	:	:	:	:	1	:	***	:
Meningococcal meningitis	1	:	-	:	1	:	:	:	:	:	:	:	:	:	:	:	1	:	:	:	1
Tuberculosis of respiratory system	57	-	-	:	10	14	24	=======================================	1	:	11	=	70	70	-	61	9	7.0	10	;	9
Other Tuberculous Diseases	6	-	01	1	61	1	¢1	:	:	:	67	61	1	1	1	:	:	1	-	1	:
:	1112	:	:	1	:	1	11	35	40	25	29	88	00	6	4	4	10	1	7.0	70	6
Rheumatic Fever	60	:	1	:	1	63	:	:	:	:	61	:	-	:		:	:	1	:	1	:
Diabetes	7	:	:	:	:	:	:	1	7.0	1	:	93	1		1	:	:	1	1	:	
Cerebral hæmorrhage, &c	74		:	:	:	:	-	15	24	34	17	20	00	*0	6	1	20	00	7	-	13
Heart Disease	115	:	:	:	60	c1	4	67	31	43	29	28	61	13	6	4	11	9	11	1	1
Arterio-sclerosis	60	:	:	-	:	:	:	61	18	13	-	6	4	00	:	1	61	10	1	1	c1
Bronchitis	49	10	61	1	-	:	23	9	10	23	18	12	1	7	-	61	10	1	63	:	-
Paeumonia (all forms)	41	10	10	61	1	1	00	10	9	65	18	4	4	23	60	;	1	63	67	61	00
Other respiratory diseases	00	1	:	1	:	:	1	67	61	61	61	23	:	:	:	-	:	:	-	1	61
Ulcer of Stomach or duodenum	00	1	1	1	:	:	-	1	1	:	1	1	:	:	:	::	1	:	-	:	:
Diarrhœa, &c. (under 2 yrs.)	15	11	1	::	1	:	-	-	1	1	4	60		1	:	:	:	:	-	1	:
Appendicitis and Typhlitis	6	1	1	:	60	5	g-1	-	-	:	67	00	1	1	-	1	-	:	:	:	:
Cirrhosis of Liver	60	1	1		:	3	-	63	-	:	:	1	1	:	:	:	:	-	1	:	:
Acute and chronic nephritis	21	;	:	:	1	1	61	10	4	4	10	61	:	10	:	-	60	:	00	-	1
Puerperal sepsis	61	:	1	:	:	1	1	3	:	:	-	:	1	1	:	:	:	:	:	:	:
Other accidents and diseases of Pregnancy and Parturition	61	:	:	1	:	3	61	1	:	:	:	-	:	1	:	1	:	-	1	1	-
Congenital Debility & Malformation, Premature Birth	58	26	:	-1	:	:	1	-	:	:	14	63	61	61	1	-	61	-	1	1	1
Suicide	1	:	:	:	1	1	61	63	61	:	1	4	1	:	:	:	1	1	:	:	:
Other Deaths from Violence	16	1	***	:		61	c1	60	4	4	9	00	61	61	1	:	61	:	:	:	1
Other Defined Diseases	174	20	4	1	00	4	00	36	26	72	36	19	12	15	00	61	7	30	70	7	10
Causes ill-defined or unknown.	1	:	:	:		1	-	:	:	:	:	:	:	- 1	:	:	:	:	:	:	:
Totals	818	74	18	10	61	33	92	178	180	227	206	208	20	72	11	19	53	82	49	23	39

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TABLE XI.

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CAUSES OF DEATH.		6 -	NI SHI	OR BE	AT SUBJOINED AGES.	G TO THE		DISTRICTS						0.00	SELVI	A VANA O			A CARLES AND	-		
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1	ages. 1	Under 1 year. 1	1 and under 2	2 and under 5	5 and 1 under 15	15 and 2 under 25	25 and 4	45 and 6 under 65	under 75.	75 and up- wards.	Beverley.	aorgailbirt	.biaffield.	Escriok.	Howden.	Norton.	n'sgnista? r'sgn'isboo?	Siconii.	senjeoures	плифлеф	dguairidg.	
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All Causes }	1001	126	18	==	30	48	76	203	232	326	121	18	150	55 1	137 5	58 81		138 60	109	22	79	
Enteric Fever	61	:	:	:	:		:	1	1	:	-	1	1	- 1	-	:	-	-	-	:	1	
Small-pox	:	:	:	1	1	1	:	:	1	:	1	:	:	-		:	•		-	:	:	
Measles	63	-	61	:	:	:	:	:	:	:	1	:	:	:	-	:		_		-	:	
Scarlet Fever	:	:	:	:	:	1	-	:	:	:	1	1	:	:	-	:	-	:	-	1	:	
Whooping Cough	15	12	2	:	1	:	:	:	:	1	63	:	00	1	-	20		4	-	:	4	
Diphtheria	1	:	:	:	-	1	:	:	1	1	-	:	:	:	-	:		-	-		:	
Influenza5	53	4	-	:	:	63	NO.	7	14	21	7	6	6	:	7	:	9	4	70	2	4	
Encephalitis lethargica	67	:	:	:	1	:	-	-	:	:	-	:	:	-		:	61	:	-	:	:	
Meningococcal meningitis	-	1	:	:	1	:	:	:	:	:	-	:	:	-		:		:	•	:	1	
Tuberculosis of respiratory system	67	1	1	1	4	16	35	10	1	1	6	63	10	60	14	4	9	2 2	01 9	-	7.0	
Other Tuberculous Diseases	17	1	1	8	4	67	67	00	5		00	67	00	-	-		-	-	60	:	:	
Cancer, malignant disease 15	125	:	;	:	1	-	4	47	42	31	11	00	23	7	14	4	11 1	15 8	111	8	10	
Rheumatic Fever	63	:	:	1	9	-	1	:	:	:	1	:	1	:		:	-	1 1	:	:	:	
Diabetes	12	:	:		1	1	-	ro	60	61	:	:	-	1	-	:	0.1	1 2	63	1	67	
Cerebral hæmorrhage, &c	833	1	:	:	:	:	1	17	27	38	12	4	7	9	00	00	9 13	7.0	10	:	9	
Heart Disease	145	1	:	1	-	1	13	36	47	55	17	9	13	00	15 1	15 1	12 18	8 10	24	60	6	
Arterio-sclerosis	20	1		:	-	;		o1	17	31	4	9	11	00	4	61	00	en	7	1	1	
Bronchitis 6	64	11	:	1	-	:	61	00	14	34	7	6	9	1	10		-	7 9	9	63	10	
Pneumonia (all forms)	51	13	9	-	4	-	9	9	10	10	4	9	-	10	9	60	63	4 4	ů	67	67	
Other respiratory diseases 1	15	01	:	1	-	-	-	4	61	4	4	:	:	61	60	67		60	-	1	:	
Ulcer of stomach or duodenum	4	-	:	1		:	:	60	-	-	1	:	:	:	-			:	-	:	1	
Diarrhœa, &c. (under 2 years) 1	91	00	-	:		-	1	1	65	-	1	:	-	-	63	-	_	1 1	:	;	-	
Appendicitis and Typhlitis	9	:	:	1	1	61	-	:	-	-	1	1	1	:	67	1			-	:	1	
Cirrhosis of Liver	9	:	- ;	1	1	:	-	65	;	61	1	-	-:	:		61	:	-	:	-	-	
Acute and chronic nephritis 2	21	-	:	1	:	-	1	4	6	7	-	63	4	61	4	:	-	67	-	-	1	
Puerperal sepsis	-	1	:	:	:	-	:	:	:	:	:	:	:	1	:	:	-	-	:	1	1	
Other accidents and diseases of Pregnancy and Parturition	9	;	:	1	1	-	10	:	:	1	:	1	-	-		:		00	:	1	-	
Congenital Debility and Malforma- tion, Premature Birth.	20	54	1	-	;	- 1	:	:	-	-	10	61	-	63	70	60	5 11	- 61	4	1	6	
Suicide	11	:	1	:	:	60	-	ro	. 61	:	-	-	61	-	1	1	-	61	6.3	:	:	
nce	55	61	1	-	4	7	10	4	YO	4	60	. =	63	60	63	61	67	6 3	6.1	1	1	
Other Defined Diseases	220	119	10	1	00	. 9	21	39	32	68	25	19	43	15 3	31	9	98 6	9 9	17	4	16	
Causes ill-defined or unknown	20		-	-	1	:	:	67	:	1	-	-	-		:	1	-	-	64	:	:	
Totals.	1001	126	18	11	30	48	97	203	232	326	121	81 1	150	55 137		58 81	138	8	109	22	7.9	

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TABLE XII.

# Sanitary Work carried out and Premises Inspected during 1925.

1	Skirmugh	Yess 411 All 12 20 22 1 12 1 1 1 1 1 1 1 1 1 1 1 1 1
-	Sherburn	33 33 34 11
	Sculcoates	201 170 170 170 170 170 170 170 1
	Riccall	No Returns received.
CTS.	Pocklington	No 90
DISTRICTS	Patrington	Yes 2 2 3 30 444 4 4 4 1120 9 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
IL DI	Norton	No Returns received.
RURAL	Номдеп	325 488 No. No. 111 111 111 112 113 113 114 114 115 117 117 117 118 118 118 118 118
	Езепек	2   V   V   V   V   V   V   V   V   V
	Driffleld	423 423 424 425 427 427 428 428 428 428 438 448 448 448 448 448 448 44
	Bridlington	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Beverley	272 274 274 274 274 274 274 274 274 274
	Withernsea	No Returns received.
	Pocklington	All
	Norton	Yes 52 4 4 4 8 8 6 5 2 3 8 4 4 4 5 6 5 5 5 6 5 5 5 6 5 5 5 6 5 5 6 5 5 6 5 5 6 5 5 6 5 6 5 6 5 6 5 6 5 6 6 5 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
	Hornsea	7 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Hessle	1007 1107 1107 1107 1107 1107 1107 1107
	Hedon	7 Xes 8 X Yes 8 10 110 110 110 110 110 110 110 110 11
	Elley	25 25 25 25 25 25 25 25 25 25 25 25 25 2
rs.	Driffleld	No Returns received.
DISTRICTS	Cottingham	No Returns received.
	Bridlington	139 138 138 138 138 138 138 138 138
JRBAN	Beverley	No Returns received.
		Dwelling-houses inspected  Do. Nothess served  New houses built Have Building Bye-laws been adopted? Dwelling-houses disinfected after cases of ordinary infectious disease  Do. disinfected after cases of Phthisis Schools disinfected after cases of Ordinary infectious disease  Do. disinfected after cases of Phthisis ary infectious disease  Do. disinfected after cases of ordinary infectious disease  Dwelling-houses found overcrowded Privies converted into W.C.'s  Do. Do. pail closets  New Wells and Coverted  New wells made  New bore wells made  No on Register  No. of Gowsheds  Do. remedled  Slaughter Houses  No. on Register  Visits to  Number of defects found  Do. remedled  Common Lodging Houses—  No. on Register  Visits to  Number of defects found  Do. Number of defects found

Unwholesome food condemned:-

Bridlington M.B.—Meat: 55 stone of Beef; 11 stone of Veal; 29 stone of Mutton; 133 stone of Pork; 6 Pig Heads; 2 tins of Tongue; 3 tins of Corned Beef; 268 stone of Fat, Tripes. Offal (including Livers). Fish: 11 stone of Fish; 6 stone of Prawns; 3 tins of Salmon. Other Foods: 45 tins.

Hessle U.D.—Meat: 23 cwts.

Hornsea U.D.—Fish: 6 lbs.

Norton U.D.—Meat: 1 Heifer.

Pocklington U.D.—Meat.

Escrick R.D.—Meat: 2 Sheep; 3 Pigs.

Howden R.D.—Meat, 2632 lbs.

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