

[Report 1917] / Medical Officer of Health, East Riding of Yorkshire County Council.

Contributors

East Riding of Yorkshire (England). County Council.

Publication/Creation

1917

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EAST RIDING OF YORKSHIRE
COUNTY COUNCIL.

ANNUAL REPORT

OF THE

Medical Officer of Health

For the Year 1917.



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*Summary of Reports of District Medical
Officers of Health.*

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

MY LORD AND GENTLEMEN,

I HAVE the honour to present the Annual Report for
the year 1917.

I am compelled to curtail this report very considerably—partly to comply with the suggestions of the Local Government Board that all reports should be abridged so as to economise both material and labour, but mainly because having only taken up my duties as your Medical Officer last April, on my return from France, I am compiling this Report almost entirely from those of the District Medical Officers of Health, who have themselves complied with the request of the Local Government Board.

The principal statistics, however, are compiled from figures supplied by the Registrar General's Office.

Birth-Rates; Death-Rates from all Causes; among Infants under 1 year; from Principal Epidemic Diseases, Phthisis, Respiratory Diseases, and Cancer, during 1917.

	Adminis- trative County.	Municipal Boroughs and Urban Districts.	Rural Districts.
Birth-Rate	16·9	16·1	17·4
Death-Rate	14·5	17·0	12·9
Death-Rate among Infants under 1 year (per 1000 births)	93·07	98·71	89·7
Death-Rate from Principal Epi- demic Diseases..	·49	·67	·35
„ „ „ Pulmonary Tuberculosis..	1·10	·68	·85
„ „ „ other forms of Tuberculosis..	·36	·44	·31
„ „ „ Respiratory Dis- eases	2·13	2·38	1·96
„ „ „ Cancer	1·36	1·85	1·05
„ „ „ Heart	1·89	2·15	1·72

AREA AND POPULATION.

The following is the estimated population in the several districts :—

Districts.	Census 1911	Estimated 1917
Administrative County.....	154768	144595
Urban Districts	59878	56124
Rural Districts	94890	88471

The area of the Administrative County is 741,172 acres, a very small proportion of which is covered by water.

The acreage of the combined rural area is 710,836, while that of the urban area is only 30,336.

The estimated population in the middle of 1917 was 144,595, according to the figures of the Registrar General.

Number of inhabited houses 35,415

Average number of persons in each house 4·0

The density of population per urban acre is 2·0

The density of population per rural acre is 0·13

BIRTHS AND BIRTH RATES.

Districts.	Average rate for the ten years 1901—1910	1911	1912	1913	1914	1915	1916	1917
Administrative County	23·5	22·4	21·6	21·2	20·7	20·4	20·3	16·9
Urban Districts ..	24·0	21·8	20·9	19·9	20·3	18·8	19·4	16·1
Rural Districts ..	23·8	22·8	22·8	22·0	21·0	21·5	20·9	17·4

The number of births registered during the year was 2,729, being 486 less than in 1916.

The birth rate for the whole county was 16·9, being the lowest recorded in any report of your County Medical Officer.

The birth rate for the whole of England and Wales was 17·8.

As the total number of deaths was 2,098, the county as a whole has only increased its population (excluding any possible immigration) during the year by 631 lives. It will be instructive to ascertain what proportion of this small increase of population is negatived by loss of life of residents of the County in connection with the war.

ILLEGITIMATE BIRTHS.

216 illegitimate children were born in 1917.

The proportion of illegitimate births to legitimate was 1 to 11. 95 of the births occurred in the urban districts, and 121 in the rural districts.

The illegitimate birth rate was equal to 1·3 per 1,000.

DEATH-RATES FROM ALL CAUSES.

Districts.	Average rate for the ten years 1901—1910	1911	1912	1913	1914	1915	1916	1917
Administrative County	13·7	13·4	12·27	12·7	11·9	14·5	13·8	14·5
Urban Districts	15·1	14·3	12·39	13·8	12·7	16·0	14·1	17·0
Rural Districts ..	13·2	12·8	12·2	12·0	11·3	13·6	13·7	12·9

The total number of deaths registered was 2,098 as compared with 2,009 in 1916 and 2,234 in 1915. Male deaths numbered 1,080 and female 1,018.

The death-rate for the whole county was 14·5.

The Urban death-rate was 17·0 per 1,000 and the Rural 12·9 per 1,000.

The death-rate for the whole of England and Wales was 14·4, so that our rate is, I think, for a County area, high enough.

The death-rates were highest in the Urban Districts of Beverley Borough and Pocklington Urban, and lowest in the Rural Districts of Riccall and Sculcoates.

INFANTILE MORTALITY.

The total number of deaths amongst children under one year of age was 254, being 9 more than in 1916.

The rate for the County was 93 per 1,000 registered births. In the urban districts it was 98 and in the rural districts 89.

The highest rates occurred in the Urban districts of Pocklington, 204 per 1,000; Withernsea, 160; and Norton, 150. The lowest rate was recorded in the Urban district of Filey, 15; and the next lowest in the Rural district of Beverley, 40.

The rate for England and Wales was 97 per 1,000 registered births.

DEATHS AMONGST CHILDREN UNDER ONE YEAR, COMPARED WITH THE REGISTERED BIRTHS.

Deaths among Infants per 1,000 Births.

Districts.	Average rate for the ten years 1901—1910	1911	1912	1913	1914	1915	1916	1917
Administrative County	110	112	74	87	83	75	75	93
Urban Districts..	114	119	61	95	89	73	70	98
Rural Districts..	107	108	83	83	80	78	79	89

Prevalence of and Control of Infectious Diseases.

The year under review appears to have been about normal so far as the prevalence of notifiable diseases is concerned.

Altogether 43 cases of Typhoid Fever were notified. Of this number 14 occurred in the Howden Rural District. The cases were fortunately mild, only two terminating fatally. The

District Medical Officer of Health reported specially to your Council and the Local Government Board on the outbreak.

Four cases of Cerebro Spinal Meningitis were notified, one of whom died, I do not know if the diagnosis was bacteriologically confirmed.

Twelve cases of Ophthalmia Neonatorum were notified, but in the absence of a bacteriological examination it is impossible to say whether the disease was of a venereal origin or not.

No cases of Small Pox were reported.

Tables VI. and VII. give details of notifications, together with the Districts to which they belonged. Deaths due to notifiable disease will be found in Tables III. and IV.

Military cases of infectious disease are not included in these returns.

TABLE I.
Cases of Infectious Disease Notified during
the Year 1917.

Notifiable Diseases.	Adminis- trative County.	Urban Districts.	Rural Districts.
Diphtheria (including Membran- ous Croup).....	68	32	36
Erysipelas.....	55	23	32
Scarlet Fever	187	85	102
Enteric Fever	43	6	37
Puerperal Fever	3	1	2
Measles	1393	838	555
Cerebro-Spinal Meningitis	4	2	2
Small-Pox.....	0	0	0
Poliomyelitis	3	2	1
Ophthalmia Neonatorum	12	10	2
Pulmonary Tuberculosis	162	88	74
Other Forms of Tuberculosis	51	24	27
Total.....	1981	1111	870

The following cases of Infectious disease which occurred amongst the Troops stationed in the county were notified —

Measles	49
Scarlet Fever	8
Diphtheria	5
Cerebro-Spinal Fever	9
Erysipelas	4
Pulmonary Tuberculosis.....	15
Other forms of Tuberculosis	1

PRINCIPAL ZYMOTIC DISEASES.

In 1917 there were 69 deaths from infectious diseases.

The list includes :—

	Deaths 1917.	Rate per 100,000 of the population 1916.
Measles	19	13·1
Whooping Cough	16	11·0
Scarlet Fever.....	1	·69
Diphtheria	8	5·5
Enteric Fever	8	5·5
Diarrhoea, under 2 years of age..	17	11·7

**“PREVALENCE OF, AND CONTROL OVER TUBERCULOSIS;
Number of Cases Notified; what action taken in respect of
known cases and of deaths.**

**AMOUNT OF HOSPITAL ACCOMMODATION for cases of Pulmonary
Tuberculosis in Infirmaries and elsewhere, for advanced and
for earlier cases of the disease.”**

NUMBER OF CASES OF PULMONARY TUBERCULOSIS AT DIFFERENT AGES NOTIFIED, 1917.

		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 Up- wards	
URBAN	{ Males	1	—	2	6	18	9	—	
RURAL	{	—	2	2	7	10	5	—	
URBAN	{ Females	—	2	8	15	19	5	1	
RURAL	{	—	1	3	13	16	9	2	
Total.....		1	5	15	41	63	28	3	—156

NUMBER OF CASES OF NON-PULMONARY TUBERCULOSIS AT DIFFERENT AGES NOTIFIED, 1917.

URBAN	{	—	1	2	1	—	2	—	
RURAL	{	—	2	7	3	2	1	—	
URBAN	{ Females	—	1	5	1	5	2	—	
RURAL	{	—	2	4	1	2	—	—	
Total.....		—	6	18	6	9	5	—	—44

Death-Rates from PULMONARY TUBERCULOSIS.

Districts.	Average rate for the ten years 1901—1910	1911	1912	1913	1914	1915	1916	1917
Administrative County	0.86	0.79	.76	.64	0.71	0.71	0.76	0.85
Urban Districts	1.1	0.9	.87	.71	0.77	0.92	0.85	1.10
Rural Districts..	0.7	0.71	.69	.60	0.67	0.55	0.70	0.68

OTHER FORMS OF TUBERCULOSIS.

Administrative County	0.3	0.38	0.23	0.37	0.25	0.30	0.24	0.36
Urban Districts.	0.39	0.41	0.22	0.38	0.32	0.29	0.22	0.44
Rural Districts..	0.3	0.36	0.25	0.37	0.20	0.33	0.26	0.31

DEATHS FROM PULMONARY TUBERCULOSIS.

123 deaths occurred from phthisis, 62 being ascribed to the Urban districts and 61 to the Rural.

The high rate for Withernsea is commented upon by the Medical Officer of Health, who points out that of the eight deaths ascribed to the district, no less than six had made their home there solely because they were already suffering from the disease.

Work in connection with Sanatorium Benefit under the National Insurance Act and for non-insured persons residing in the county, was continued as practically as possible during the year. Beds have been secured where possible, but chiefly in the Sanatoria at Aysgarth in the North Riding and at Bramblewood, near Holt, in Norfolk.

In addition 11 beds for male patients, and five for female patients, are reserved for National Insurance patients at Withernsea Sanatorium,

The present need is for beds for children, more especially as these little patients are the most hopeful from a preventive point of view.

Generally speaking, applications from insured persons can be promptly dealt with, although recently the number of soldiers discharged from the Army suffering from Tuberculosis and requiring residential accommodation, has shown an increase. Bearing in mind the difficulty met with in securing beds in Sanatoria, the County may have to make provision to accommodate them, or admit their inability to deal with them.

Only three shelters are owned by the County Council. These are constantly in use, being loaned to suitable patients.

The excessive cost of construction is a bar to the purchase of an increased number at the present time.

The Central Tuberculosis Dispensary at Beverley, which is open on Wednesday afternoons and Saturday mornings, has proved of value to the town. During the year the attendances numbered 425. Very few persons attend from the surrounding districts.

Statistics relating to the various Sanitary areas of the County will be found on Tables III. and IV.

Non-pulmonary Tuberculosis was responsible for 53 deaths, 25 occurring in the Urban and 28 in the Rural districts.

Table showing the number of cases of Tuberculosis receiving treatment in residential institutions during the period 1st January, 1917, to 31st December, 1917.

	Males.	Females.	Total.
Insured persons	41	19	60
Non-insured persons	18	25	43
Totals.....	59	44	103

ISOLATION HOSPITALS.

The East Riding Hospital area does not include the three boroughs of Beverley, Bridlington, and Hedon, and the Urban Sanitary district of Cottingham, or the four Rural Sanitary districts of Bridlington, Howden, Riccall and Sculcoates, although they are within the county area.

The Borough of Bridlington and the Rural District of Howden have their own Isolation Hospitals, but the remaining six Authorities make their own arrangements with Institutions near by.

The East Riding Infectious Disease Hospital at Driffield has been in use throughout the year for the reception of cases of Diphtheria and Scarlet Fever.

I hope, on the termination of hostilities, when it may reasonably be expected that the present excessive cost of building materials will be lessened, that its sphere of utility will be considerably increased by the erection of more wards. The accommodation at present really consists of one male and one female ward, each containing four beds and a cot. These wards were intended to be used for one infectious disease, but in practice one has been used for Scarlet Fever and the other for Diphtheria. It will readily be seen that five beds for an infectious disease do not provide accommodation for an epidemic to be efficiently dealt with.

There is no accommodation for typhoid or cerebro-spinal fever. An observation ward too is needed.

During the year 28 cases were under treatment, with two deaths.

The cases admitted were chiefly from the Driffield Beverley, and Pocklington districts.

The appended table gives details as to the nature of the diseases :—

RETURN OF CASES TREATED AT THE ISOLATION HOSPITAL,
DRIFFIELD, DURING 1917.

Disease.	No. from		Adults.		Children.		Total.
	Urban Districts.	Rural Districts.	M.	F.	M.	F.	
Scarlet Fever ..	8	5	3	1	2	7	13
Diphtheria.....	7	4	1	1	2	7	11
Enteric Fever ..	—	3	3	—	—	—	3
Totals.....	15	12	7	2	4	14	27

1 case of Cerebro Spinal Meningitis (Military) also treated at the Hospital.

One child from the Beverley Rural District died from Diphtheria.

One adult from the Beverley Rural District died from Enteric Fever.

BACTERIOLOGICAL EXAMINATIONS.

The following table shows the cases for which a Bacteriological Examination was made in 1917 :—

	Number of Cases Examined.	Results of Examination.	
		Positive.	Negative.
Diphtheria	294 cases	57	237
Enteric Fever	54 „	23	31
Phthisis	224 „	52	172
Other Examinations	12 „	1	11
Water.....	27 samples	—	—
	611	133	451

WATER SAMPLES.—Results of Examination :—

15 were good ; 5 were suspicious ; 7 were bad.

This work is carried out at the Institute for Clinical Research in London.

At the same time a number of specimens of Sputa are examined at the Tuberculosis Dispensary for the presence of the tubercle bacillus, and specimens of hairs collected by the School Nurse are examined for the presence of Ringworm spores.

MATERNITY AND CHILD WELFARE.

No scheme for the provision of properly qualified midwifery has yet been adopted by the County Council, but one is now under consideration.

Apart from this the East Riding Nursing Association undertake maternity nursing in addition to ordinary sick nursing, and is of the utmost practical value to its subscribers.

A Babies' Welcome has been opened in Bridlington, the attendances at which have been fairly satisfactory.

The Hessle Nursing Home supply nurses for cases of illness and maternity in the district.

In Hornsea there is also a Nursing Association, to which your Council subscribe annually the sum of £25 on condition that a Midwife is employed.

MIDWIVES ACT, 1902.

33 midwives notified their intention to practise in the county during the year. Of this number only 20 were qualified to practise by examination, the remainder by virtue of the fact that they had been in practice at the time the Midwives Act came into force. Only 8 fully qualified midwives practise in the Urban Districts and 8 in the Rural. The other four midwives did not attend any cases.

321 births of those notified (which numbered 2,080), were attended by a registered midwife.

NUMBER OF BIRTHS NOTIFIED.

1st Quarter	558
2nd Quarter	565
3rd Quarter	491
4th Quarter	468
Total	2080

or 76 per cent of those registered.

During the year the following notices were received :—

Still-birth.....	4
Sending for medical help	21
Deaths of Infants before attendance of doctor	4
Death of mother before attendance of doctor.....	1

The Health Visitor, on receipt of notifications of births, visits at the first opportunity, and as occasion and opportunity arise, pays return visits.

I append a tabulated statement of her work:—

Number of first visits	2300
„ of return visits.....	1226
„ of visits to Midwives	65
„ of visits to Expectant Mothers.....	15
„ of visits for cases of Ophthalmia.....	31
Reports on Defective Sanitation	66
„ on apparent neglect of Infants.....	8

PUBLIC HEALTH (VENEREAL DISEASE) REGULATIONS, DATED JULY 12TH, 1916.

The County Council have agreements for the treatment of patients with the York County Hospital and with the Leeds General Infirmary. The number of patients treated during the year has been very small, partly due no doubt to the fact that the facilities provided are not fully recognised, as the agreements were only made in the latter part of the year.

The figures for York Hospital are as follows:

5 Out patients.
14 In-patient days.
6 Specimens.
Leeds—No figures.

Extracts from Annual Reports of the District Medical Officers of Health.

WATER SUPPLY.

Beverley Borough.—18 samples were taken from public pumps, and of these 6 were found to be of inferior quality.

Bridlington Borough.—Practically all houses are served with town's water.

Filey Urban.—Water supply has been quite satisfactory.

Hessle Urban.—The water supply is always abundant and reliable, and so far as I can gather no illness has ever resulted from this source.

Hornsea Urban.—Water supply satisfactory in quality and quantity.

Withernsea Urban.—The public water supply was laid on to 31 additional dwelling-houses during the year, making a total of 329 thus supplied at the end of the year, out of a total of 926 dwelling-houses in the district.

Ten samples of well water were sent for analysis, and three wells were closed as unsafe.

Driffeld Rural.—Analysis of the wells at Middleton-on-the-Wolds shows evidence of contamination.

Howden Rural.—Nine houses have been provided with rain-water tanks.

Norton Rural.—The scheme for the water supply at Westow is stopped for the duration of the war.

Patrington Rural.—Five samples of water were analysed. All were bad. Sixty-two houses are now supplied with Hull water.

Sculcoates Rural.—The water supply, with the exception of that to a few outlying houses, has always been abundant and reliable, and so far as I can gather, no illness has ever resulted from this source.

Skirlaugh Rural.—No public works of water supply were carried out, but the military authorities have laid a water main connected with the Hull City Water Supply from Bilton to Aldborough. I suggest that if possible arrangements should be made with the military authorities whereby the supply could be made available for the civilian population of these villages.

HOUSING.

Beverley Borough.—Two houses reported as unfit for human habitation in their then condition have since been put in habitable order by the owner.

Owing to the war the systematic inspection of houses has been inevitably postponed.

Bridlington Borough.—New houses built, 4; Dwelling-houses inspected, 84.

Driffield Urban.—New houses built, 2 ; number of dwelling-houses in which the defects were remedied without the making of closing orders was 4.

Hedon Borough.—Eight houses found unfit for human habitation, and eight houses voluntarily closed by owners. New houses built, 0.

Hessle Urban.—There are some very old houses among the cottage property at Hessle, a few of which are approaching the "border line" of the unhealthy, but, with these few exceptions, all classes of the community are well cared for in this respect.

Filey Urban.—113 houses were inspected. Defects were remedied in 49 cases, and in 67 houses minor defects are still to be put right.

Norton Urban.—No inspection under the Housing and Town Planning Act carried out during the year.

Withernsea Urban.—The housing of artisans is good. No overcrowding was found.

Beverley Rural.—One new house built.

Bridlington Rural.—One new house built. Number of houses inspected under Section 17 of Act, 1909—25.

Driffield Rural.—13 houses have been inspected, and none were found unfit for human habitation.

No new houses built.

Howden Rural.—1 house found unfit for human habitation.

No new houses built.

Norton Rural.—There is at present a sufficiency of workmen's dwellings, which, however, in some of the villages are in a poor state of repair.

3 new houses built.

Patrington Rural.—One house was found unfit for human habitation, and made habitable.

New houses built, 1.

Riccall Rural.—The new main to Barlby (completed in 1916) came into much fuller use, 293 houses being connected to it.

New houses built, 1.

Sculcoates Rural.—There are some old houses among the cottage property, a few of which are approaching the border line of the unhealthy, but with these exceptions all classes of the community are well-cared for.

Sherburn Rural.—The housing question is still urgent. There is a great dearth of suitable labourers' cottages and overcrowding, with other evils in its train, present in most of the villages in your district.

No new houses were built during the year.

SEWAGE AND REFUSE DISPOSAL.

Filey Urban.—The drainage and sewerage of the town have been quite good during the year.

Hessle Urban.—The collection and disposal of both has always been satisfactory. It is a great asset being able to impound the tidal water of the Humber for the purpose of periodical flushing of the main sewer.

Hornsea Urban.—The sanitary condition of my district continues to be satisfactory.

Withernsea Urban.—The collection of night soil and refuse continues to be done by contract.

These are taken out of the district by the Contractors, and are disposed of for agricultural purposes.

Beverley Rural.—The drainage in Beswick requiring renewing with sanitary pipes in place of land pipes, has been carried out; a considerable length of sewer in Kilnwick has been partly relaid and cleansed; a considerable length of private dyking has had to be cleansed out in Lockington.

The filter beds at Dalton Camp have received more attention than previously, and lately have been working more efficiently.

Howden Rural.—Seventeen yards of drain were laid at Blacktoft, forty yards at Bubwith, and ninety yards at Wallingfen.

Norton Rural.—No streams are being polluted.

Patrington Rural.—There is no systematic collection of night soil in the district.

Sculcoates Rural.—The collection and disposal of both sewage and refuse have always been satisfactory.

Skirlaugh Rural.—No public sewers were made during the year.

GENERAL.

I append the usual tables of statistics, and take this opportunity to acknowledge the ready help I have received in the Office. I have also to thank the Medical Officers of Health for their courtesy in giving any required information.

I remain,

Your obedient Servant,

R. THORNLEY.

County Hall, Beverley,

November, 1918.

BOROUGH OF BEVERLEY.

*W. H. Gregory, M.D., Acting Medical Officer of Health.**Area in acres (land and inland water)...2,411**Population in 1911 13,654**Average number of persons per inhabited building.. 4.21**Registrar General's estimate of the Population during 1917 ... 12,496*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	262	18.8	26.4
Deaths	232	18.5	16.1
Death-Rate among Infants under one year of age per 1,000 births		87.7	23
Principal Epidemic Diseases .....		.64	1.3
Pulmonary Tuberculosis		1.9	1.1
Other forms of Tuberculosis.....		.40	—
Respiratory		2.64	2.02
Cancer		1.44	1.0
Heart		2.48	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Small Pox ...	—	—
Scarlet Fever	13	41
Diphtheria	8	22
Enteric	1	—
Erysipelas	11	12
Acute Poliomyelitis.....	1	18
Cerebro-Spinal Fever.....	1	—
Pulmonary Tuberculosis	37	1
Other forms of Tuberculosis.....	5	—
Ophthalmia Neonatorum	3	—
Measles	525	—

BOROUGH OF BRIDLINGTON.

*A. K. Jarratt, M.B., Medical Officer of Health.**Area in acres (land and inland water)...2,700**Population in 1911 14,334**Average number of persons per inhabited building.. 4.08**Registrar General's estimate of the Population during 1917 ... 13,145*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	192	13.1	22.0
Deaths	231	17.5	15.6
Death-Rate among Infants under one year of age per 1,000 births		93.7	129
Principal Epidemic Diseases		1.44	0.9
Pulmonary Tuberculosis .....		.83	1.07
Other forms of Tuberculosis .....		.53	—
Respiratory		1.67	1.8
Cancer		2.20	1.2
Heart		2.51	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	16	.....	24
Diphtheria	4	.....	19
Erysipelas	4	.....	8
Enteric Fever	0	.....	4
Cerebro-Spinal Fever.....	1	.....	—
Pulmonary Tuberculosis	14	.....	—
Other forms of Tuberculosis.....	5	.....	—
Ophthalmia Neonatorum	5	.....	—
Measles	229	.....	—

BOROUGH OF HEDON.

J. Soutter, M.R.C.S., Medical Officer of Health.

Area in acres (land and inland water) .. 303

Population in 1911 1,171

Average number of persons per inhabited building.. 4.08

Registrar General's estimate of the Population during 1917 1,144

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	16	12.5	24.7
Deaths	18	15.7	15.1
Death-Rate among Infants under one year of age per 1,000 births	125		93
Principal Epidemic Diseases	0.0		1.3
Pulmonary Tuberculosis	0.0		0.92
Other forms of Tuberculosis	0.0		—
Respiratory	2.62		1.2
Cancer	2.62		1.19
Heart	2.62		|

CASES OF INFECTIOUS DISEASE NOTIFIED—

Measles .....		.....	—
Scarlet Fever.....	1	.....	—
Diphtheria	1	.....	—
Pulmonary Tuberculosis.....	1	.....	—
Other Forms of Tuberculosis.....	0	.....	—

COTTINGHAM URBAN DISTRICT.

G. H. Watson, L.S.A., Medical Officer of Health.

Area in acres (land and inland water)..8,690

Population in 1911 4,648

Average number of persons per inhabited building.. 4.19

Registrar General's estimate of the Population during 1917 4,476

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	77	15·4	23·9
Deaths	69	15·4	13·6
Death-Rate among Infants under one year of age per 1,000 births		77·9	136
Principal Epidemic Diseases		·22	1·0
Pulmonary Tuberculosis		·44	0·93
Other forms of Tuberculosis		·67	—
Respiratory		3·79	2·3
Cancer		1·56	1·03
Heart		1·34	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	12	12
Diphtheria	1	1
Erysipelas	1	22
Pulmonary Tuberculosis	2	1
Other forms of Tuberculosis	0	—
Measles	14	—

DRIFFIELD URBAN DISTRICT.

G. Burgess, M.B., Medical Officer of Health.

Area in acres (land and inland water) .. 4,980

Population in 1911 5,676

Average number of persons per inhabited building.. 4·19

Registrar General's estimate of the Population during 1917 5,081

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	104	18·3	23·9
Deaths	97	19·0	16·4
Death-Rate among Infants under one year of age per 1,000 births		96·1	104
Principal Epidemic Diseases		·19	0·9
Pulmonary Tuberculosis		1·37	1·4
Other forms of Tuberculosis		·59	—
Respiratory		2·75	1·8
Cancer		1·77	1·4
Heart		2·75	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	6	—
Diphtheria	11	2
Puerperal Fever	1	1
Erysipelas	1	4
Pulmonary Tuberculosis	8	—
Other forms of Tuberculosis	6	—
Ophthalmia Neonatorum	—	—
Measles	3	—

FILEY URBAN DISTRICT.

*J. T. Haworth, L.R.C.P., L.R.C.S., Medical Officer of Health.**Area in acres (land and inland water).. 800**Population in 1911 3,228**Average number of persons per inhabited building.. 4.26**Registrar General's estimate of the Population during 1917 ... 2,831*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	Average rates for the	
		1917	10 years 1901-10
Births	63	19.9	24.2
Deaths	34	12.0	13.3
Death-Rate among Infants under one year of age per 1,000 births		15.8	11.7
Principal Epidemic Diseases		0.0	1.12
Pulmonary Tuberculosis		0.0	0.64
Other forms of Tuberculosis .....		.70	—
Respiratory		1.05	1.9
Cancer		2.82	0.7
Heart.....		0.70	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Measles	14	—
Diphtheria.....	2	—
Erysipelas	1	2
Pulmonary Tuberculosis	0	—
Other forms of do	2	—

HESSLE URBAN DISTRICT.

*J. M. Hermon, M.D., Medical Officer of Health.**Area in acres (land and inland water) .. 2,111**Population in 1911 5,319**Average number of persons per inhabited building.. 4.47**Registrar General's estimate of the Population during 1917.... 5,341*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	Average rates for the	
		1917	10 years 1901-10
Births	81	13.6	23.8
Deaths	79	14.7	10.9
Death-Rate among Infants under one year of age per 1,000 births		74.0	73
Principal Epidemic Diseases		56.	1.15
Pulmonary Tuberculosis .....		.18	1.00
Other forms of Tuberculosis.....		0.0	—
Respiratory		3.18	1.4
Cancer		2.24	0.75
Heart.....		1.68	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	14	14
Diphtheria	2	—
Enteric Fever	2	1
Pulmonary Tuberculosis	4	1
Other forms of do.	1	—
Erysipelas	3	—
Poliomyelitis	1	—
Measles	4	—

HORNSEA URBAN DISTRICT.

*H. D. Johns, M.D., Medical Officer of Health.**Area in acres (land and inland water) .. 2,918**Population in 1911 3,024**Average number of persons per inhabited building.. 4.18**Registrar General's estimate of the Population during 1917 .. 3,059*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	51	14.9	20.3
Deaths	40	13.0	15.7
Death-Rate among Infants under one year of age per 1,000 births		117.6	98
Principal Epidemic Diseases		0.0	0.78
Pulmonary Tuberculosis		1.30	1.15
Other forms of Tuberculosis.....		.65	—
Respiratory		2.28	0.93
Cancer		2.61	1.08
Heart		1.30	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	1	5
Diphtheria	1	—
Enteric Fever	1	—
Ophthalmia Neonatorum	1	—
Pulmonary Tuberculosis	1	—
Measles	6	—

NORTON URBAN DISTRICT.

*R. H. F. Bostock, L.R.C.P., L.R.C.S., Medical Officer of Health.**Area in acres (land and inland water)..2,564**Population in 1911 3,990**Average number of persons per inhabited building.. 4.32**Registrar General's estimate of the Population during 1917 ... 3,514*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	73	18.6	28.9
Deaths	55	15.6	15.7
Death-Rate among Infants under one year of age per 1,000 births		150.6	110
Principal Epidemic Diseases .....		.28	1.17
Pulmonary Tuberculosis		1.13	1.12
Other forms of Tuberculosis .....		.56	—
Respiratory		2.84	2.39
Cancer		1.99	1.12
Heart .....		.56	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Diphtheria	1	.....	2
Enteric Fever	1	.....	7
Scarlet Fever	3	.....	16
Pulmonary Tuberculosis	1	.....	—
Measles	4	.....	—

POCKLINGTON URBAN DISTRICT.

A. F. A. Fairweather, M.D., Medical Officer of Health.

Area in acres (land and inland water) .. 2,564

Population in 1911 2,556

Average number of persons per inhabited building.. 4·23

Registrar General's estimate of the Population during 1917 2,181

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	44	18·1	26·7
Deaths	53	24·3	16·8
Death-Rate among Infants under one year of age per 1,000 births....		204·5	144
Principal Epidemic Diseases		1·37	2·18
Pulmonary Tuberculosis		·45	0·71
Other forms of Tuberculosis.....		·45	—
Respiratory		2·29	2·74
Cancer		·45	0·67
Heart		5·95	—

CASES OF INFECTIOUS DISEASES NOTIFIED—

Scarlet Fever	5	..	15
Enteric Fever	1	.....	—
Ophthalmia Neonatorum	1	.....	—
Measles	26	.....	—
Pulmonary Tuberculosis	2	.....	—
Other forms of Tuberculosis	0	.....	—

WITHERNSEA URBAN DISTRICT.

A. E. Sproule, L.R.C.P., etc., Medical Officer of Health.

Area in acres (land and inland water) .. 832

Population in 1911 2,384

Average number of persons per inhabited building.. 4·21

Registrar General's estimate of the Population during 1917 2,856

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	50	15·7	17·8
Deaths	47	16·4	15·4
Death-Rate among Infants under one year of age per 1,000 births	160		92
Principal Epidemic Diseases		·70	0·48
Pulmonary Tuberculosis		2·80	2·19
Non-Pulmonary Tuberculosis		0·0	—
Respiratory		1·05	1·30
Cancer		·70	1·0
Heart		1·05	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Diphtheria	1	1
Scarlet Fever	14	4
Pulmonary Tuberculosis	18	1
Other forms of Tuberculosis	5	—
Measles	12	20
Erysipelas	1	—

BEVERLEY RURAL DISTRICT.

J. E. Bailey, L.S.A., Acting Medical Officer of Health.

Area in acres (land and inland water).. 77,753

Population in 1911..... 11,627

Average number of persons per inhabited building.. 4·88

Registrar General's estimate of the Population during 1917 .. 10,372

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	196	16·9	21·2
Deaths	129	12·4	12·4
Death-Rate among Infants under one year of age per 1,000 births	40·8		120
Principal Epidemic Diseases		·48	0·7
Pulmonary Tuberculosis		·48	0·53
Other forms of Tuberculosis.....		·57	—
Respiratory		·77	1·4
Cancer		1·44	0·53
Heart..		1·92	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	10	.....	27
Diphtheria	6	.....	8
Enteric Fever	11	.....	—
Puerperal Fever	1	.....	—
Ophthalmia Neonatorum	2	.....	—
Erysipelas.....	5	.....	6
Pulmonary Tuberculosis	11	.....	—
Other forms of Tuberculosis	5	.....	—
Measles	77	.....	—

BRIDLINGTON RURAL DISTRICT.

H. J. C. Godfrey, L.R.C.P., etc., Acting Medical Officer of Health.

Area in acres (land and inland water).. 60,000

Population in 1911 7,743

Average number of persons per inhabited building.. 4.63

Registrar General's estimate of the Population during 1917 .. 7,135

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	132	16.5	24.5
Deaths	98	13.7	12.8
Death-Rate among Infants under one year of age per 1,000 births		98.4	100
Principal Epidemic Diseases .....		.28	1.01
Pulmonary Tuberculosis .....		.42	0.61
Other forms of Tuberculosis .....		.14	—
Respiratory		2.52	1.34
Cancer .....		.98	0.89
Heart		1.26	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	7	.....	11
Diphtheria	2	.....	—
Enteric Fever	3	.....	12
Puerperal Fever	0	.....	3
Measles	15	.....	45
Pulmonary Tuberculosis	1	.....	—
Other forms of Tuberculosis.....	0	.....	—

DRIFFIELD RURAL DISTRICT.

T. Sanctuary, M.D., Medical Officer of Health.

Area in acres (land and inland water).. 106,419

Population in 1911 12,109

Average number of persons per inhabited building.. 4.42

Registrar General's estimate of the Population during 1917 .. 11,335

BIRTH AND DEATH-RATE PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	212	16.7	23.7
Deaths	130	11.4	13.8
Death-Rate among Infants under one year of age per 1,000 births	99		111
Principal Epidemic Diseases .....		.08	1.0
Pulmonary Tuberculosis .....		.54	0.79
Other forms of Tuberculosis.....		.17	—
Respiratory		1.67	1.86
Cancer		1.14	1.0
Heart .....		.97	—

CASES OF INFECTIOUS DISEASES NOTIFIED—

Scarlet Fever	6	48
Diphtheria	4	15
Enteric Fever	2	14
Erysipelas.....	2	4
Measles	89	—
Pulmonary Tuberculosis	8	—
Other forms of Tuberculosis	2	—

ESCRICK RURAL DISTRICT.

Alwyn Raimes, M.D., Medical Officer of Health.

Area in acres (land and inland water).. 30,292

Population in 1911 5,872

Average number of persons per inhabited building.. 4.99

Registrar General's estimate of the Population during 1917 ... 4,842

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10.
Births	72	13.3	23.2
Deaths	66	13.6	11.9
Death-Rate among Infants under one year of age per 1,000 births	112		86
Principal Epidemic Diseases .....		.61	0.65
Pulmonary Tuberculosis .....		.82	0.72
Other forms of Tuberculosis .....		.82	—
Respiratory		1.23	1.5
Cancer .....		.61	0.74
Heart		1.44	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	2	.....	21
Diphtheria	1	.....	6
Enteric Fever	6	.....	2
Pulmonary Tuberculosis	3	.....	—
Other forms of Tuberculosis.....	4	.....	—
Measles	93	.....	—

HOWDEN RURAL DISTRICT.

R. B. Brown, L.R.C.P., L.R.C.S., Medical Officer of Health.

Area in acres (land and inland water).. 70,179

Population in 1911 12,636

Average number of persons per inhabited building.. 4.43

Registrar General's estimate of the Population during 1917 ... 11,561

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	Average rates for the	
		1917	10 years 1901-10
Births	236	18.3	25.7
Deaths	154	13.3	15.6
Death-Rate among Infants under one year of age per 1,000 births	110	.....	118
Principal Epidemic Diseases	69	.....	1.07
Pulmonary Tuberculosis	1.29	.....	0.98
Other forms of Tuberculosis.....	.25	.....	—
Respiratory	2.59	.....	2.0
Cancer .....	.86	.....	0.95
Heart	1.29	.....	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	25	.....	32
Diphtheria	7	.....	28
Enteric Fever	14	.....	7
Puerperal Fever	1	.....	—
Erysipelas	1	.....	4
Pulmonary Tuberculosis	19	.....	—
Other forms of Tuberculosis	3	.....	—
Measles	58	.....	—

NORTON RURAL DISTRICT COUNCIL.

L. C. Walker, M.R.C.S., etc., Medical Officer of Health.

Area in acres (land and inland water).. 60,048

Population in 1911 5,814

Average number of persons per inhabited building.. 4.75

Registrar General's estimate of the Population during 1917.... 5,164

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births.....	99	17.1	23.1
Deaths	69	13.3	11.8
Death-Rate among Infants under one year of age per 1,000 births	121		112
Principal Epidemic Diseases .....		.57	0.89
Pulmonary Tuberculosis .....		.38	0.64
Other forms of Tuberculosis.....		.38	—
Respiratory		2.71	1.78
Cancer		1.35	0.77
Heart		2.15	—

CASES OF INFECTIOUS DISEASE NOTIFIED —

Scarlet Fever	3	16
Diphtheria	2	3
Enteric Fever	1	—
Pulmonary Tuberculosis	1	1
Other forms of Tuberculosis	0	—
Measles	17	—

PATRINGTON RURAL DISTRICT.

W. H. Coates, M.A., M.B., L. San. Sci., &c., Medical Officer of Health

Area in acres (land and inland water) 61,350

Population in 1911..... 7,128

Average number of persons per inhabited building.. 4.25

Registrar General's estimate of the Population during 1917.... 6,847

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	161	21.0	23.8
Deaths	89	12.9	13.6
Death-Rate among Infants under one year of age per 1,000 births	111		100
Principal Epidemic Diseases .....		.29	0.69
Pulmonary Tuberculosis .....		.58	0.91
Other forms of Tuberculosis.....		.14	—
Respiratory		1.60	1.5
Cancer		1.02	0.99
Heart		1.89	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	20	14
Diphtheria	4	20
Erysipelas	12	13
Pulmonary Tuberculosis	5	—
Other forms of Tuberculosis.....	0	—
Measles	34	—

POCKLINGTON RURAL DISTRICT.

*A. F. A. Fairweather, M.D., Medical Officer of Health.**Area in acres (land and inland water) .. 108,101**Population in 1911 11,277**Average number of persons per inhabited building.. 4.49**Registrar General's estimate of the Population during 1917 .. 10,285*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	Average rates for the	
		1917	10 years 1901-10
Births	198	17.2	23.8
Deaths	145	14.0	13.6
Death-Rate among Infants under one year of age per 1,000 births		65.6	118
Principal Epidemic Diseases .....		.29	1.13
Pulmonary Tuberculosis .....		.58	0.62
Other forms of Tuberculosis.....		.18	—
Respiratory		2.81	2.1
Cancer .....		.97	0.8
Heart.....		3.01	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Diphtheria	1	6
Scarlet Fever	10	32
Enteric Fever	0	10
Measles	87	—
Pulmonary Tuberculosis	11	—
Other Forms of Tuberculosis	11	—

RICCALL RURAL DISTRICT.

*A. H. Radcliffe, M.B., Acting Medical Officer of Health.**Area in acres (land and inland water) .. 18,073**Population in 1911 3,277**Average number of persons per inhabited building.. 4.14**Registrar General's estimate of the Population during 1917 .. 4,524*

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	Average rates for the	
		1917	10 years 1901-10
Births	97	19.2	26.5
Deaths	51	11.2	14.4
Death-Rate among Infants under one year of age, per 1,000 births	103		87
Principal Epidemic Diseases .....		.44	1.19
Pulmonary Tuberculosis .....		.66	0.97
Other forms of Tuberculosis		0.0	—
Respiratory		1.54	1.47
Cancer .....		.66	0.94
Heart..		1.10	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Diphtheria	5	.....	9
Erysipelas.....	2	.....	8
Pulmonary Tuberculosis	2	.....	—
Other forms of Tuberculosis.....	1	.....	—
Measles	6	.....	—

SCULCOATES RURAL DISTRICT.

J. M. Hermon, M.D., Medical Officer of Health.

Area in acres (land and inland water)..20,873

Population in 1911 7,885

Average number of persons per inhabited building.. 4.75

Registrar General's estimate of the Population during 1917 .. 7,619

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10.
Births	141	16.6	19.6
Deaths	89	11.6	10.9
Death-Rate among Infants under one year of age, per 1,000 births....		49.6	101
Principal Epidemic Diseases		0.0	0.75
Pulmonary Tuberculosis .....		.91	0.69
Other forms of Tuberculosis.....		.26	—
Respiratory		2.10	1.24
Cancer .....		.78	0.76
Heart		1.83	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	7	.....	19
Diphtheria	4	.....	11
Erysipelas	3	.....	4
Cerebro-Spinal Fever.....	1	.....	—
Pulmonary Tuberculosis	6	.....	—
Other forms of Tuberculosis.....	0	.....	—
Measles	50	.....	—

SHERBURN RURAL DISTRICT.

H. T. Hollings, L.R.C.P., Medical Officer of Health.

Area in acres (land and inland water)..21,078

Population in 1911 2,254

Average number of persons per inhabited building.. 4.65

Registrar General's estimate of the Population during 1917 .. 1,984

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10.
Births	34	15.3	27.6
Deaths	27	13.6	12.13
Death-Rate among Infants under one year of age, per 1,000 births....	88		109
Principal Epidemic Diseases		0.0	0.27
Pulmonary Tuberculosis .....		.50	0.54
Other forms of Tuberculosis		0.0	—
Respiratory		1.51	1.6
Cancer		2.52	.94
Heart		1.51	—

CASES OF INFECTIOUS DISEASE NOTIFIED—

Scarlet Fever	3	—
Cerebro-Spinal Fever.. ..	1	—
Acute Poliomyelitis	1	—
Erysipelas	2	1
Pulmonary Tuberculosis	1	—
Other forms of Tuberculosis	0	—
Measles	12	—

SKIRLAUGH RURAL DISTRICT.

E. N. Smartt, L.R.C.P., Medical Officer of Health.

Area in acres (land and inland water)..66,966

Population in 1911 7,162

Average number of persons per inhabited building.. 449

Registrar General's estimate of the Population during 1917 .. 6,802

BIRTH AND DEATH-RATES PER 1,000 OF THE POPULATION—

	Number	1917	Average rates for the 10 years 1901-10
Births	138	18.2	24.5
Deaths	96	14.1	12.6
Death-Rate among Infants under one year of age per 1,000 births	108.6		102
Principal Epidemic Diseases .....		.29	1.09
Pulmonary Tuberculosis .....		.73	0.73
Other forms of Tuberculosis .....		.73	—
Respiratory		1.91	1.38
Cancer		1.02	0.71
Heart		2.05	—

CASES OF INFECTIOUS DISEASES NOTIFIED—

Scarlet Fever	9	21
Diphtheria	—	17
Erysipelas	5	4
Pulmonary Tuberculosis	6	—
Other forms of Tuberculosis	1	—
Measles	17	—

TABLE II.

HOUSING AND TOWN PLANNING ACT, 1909

Record of work carried out during the year 1917 under Section 17 of the Act.

Particulars of the work.	URBAN DISTRICTS.										RURAL DISTRICTS														
	Beverley	Bridlington	Cottingham	Driffield	Filey	Hedon	Hessle	Hornsea	* Norton	Pocklington	Withernsea	Totals	Beverley	Bridlington	† Driffield	Escrick	Howden	* Norton	Patlington	Pocklington	Riccall	Sculcoates	* Sherburn	Skirllaugh	Totals
Number of dwelling-houses inspected under and for the purposes of Section 17 of the Act of 1909	84	4	113	8	70	10	..	289	..	25	13	..	252	..	4	..	50	49	393
Number of dwelling-houses found unfit for human habitation	2	..	..	..	..	8	..	..	..	..	..	10	..	..	..	..	1	..	1	..	..	..	..	2
Number of dwelling-houses made fit for habitation without formal representation ..	..	..	11	..	..	..	12	..	..	..	..	23	..	..	..	..	..	..	1	..	..	..	..	1
Number of representations made to the Local Authority with a view to the making of Closing Orders ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	6	..	..	7
Number of Closing Orders made .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Number of dwelling-houses in which the defects were remedied without the making of Closing Orders	2	..	11	4	49	..	12	..	..	..	..	78	..	..	..	..	2	..	1	..	..	..	..	3
Number of dwelling-houses which after the making of Closing Orders were put into a fit state for human habitation .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Number of houses voluntarily closed by owners .....	..	..	2	..	..	8	2	..	..	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..
Number of houses voluntarily demolished by owners .....	..	2	2	..	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	1

* Work suspended during the year, or owing to the War.

† Incomplete owing to death of Sanitary Inspector.

TABLE III.

Causes of, and Ages at Death, during the Year 1917, in the URBAN Districts.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO DISTRICTS AT SUBJOINED AGES.										DEATHS IN OR BELONGING TO EACH DISTRICT. (AT ALL AGES).										
	All ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and over wards.	Beverley.	Bridlington.	Cottingham.	Driffield.	Riley.	Heaton.	Hessle.	Hornsea.	Norton.	Pocklington.	Withernsea.	
1	2	3	4	5	6	7	8	9	10	232	231	69	97	34	18	79	40	55	53	47	
All Causes	955	100	31	28	39	34	53	220	410	232	231	69	97	34	18	79	40	55	53	47	
Enteric Fever	2	..	..	..	..	..	..	2	..	..	1	..	..	..	..	..	..	1	..	..
Small-pox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	12	4	2	5	1	..	..	..	..	4	8	..	..	..	..	..	..	..	..	..
Scarlet Fever	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Whooping Cough	13	4	3	4	2	..	..	..	..	1	7	..	..	..	..	2	..	..	3	..
Diphtheria and Croup	2	..	1	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..
Influenza	16	..	..	..	1	..	1	2	12	2	7	1	2	2	..	1	1	..	..	..
Erysipelas .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis)	62	1	1	2	7	14	23	14	..	24	11	2	7	..	..	1	4	4	1	8
Tuberculous Meningitis	7	1	..	2	2	2	..	..	..	1	1	1	1	1	..	..	1	1	..	..
Other Tuberculous Diseases	18	..	1	..	4	3	7	2	1	4	6	2	2	1	..	..	1	1	1	..
Cancer, malignant disease	104	..	..	..	..	..	7	51	46	18	29	7	9	8	3	12	8	7	1	2
Rheumatic Fever	3	..	..	..	1	..	2	..	..	..	1	1	..	..	..	1	..	..	..	..
Meningitis	13	3	1	2	6	1	..	..	..	7	3	..	..	..	1	1	..	..	..	1
Organic Heart Disease	121	..	..	1	1	5	7	37	70	31	34	6	14	2	3	9	4	2	13	3
Bronchitis	73	11	5	2	2	..	4	10	39	16	15	7	10	1	2	11	2	6	3	..	
Pneumonia (all forms)	49	6	10	2	1	2	11	9	8	13	5	9	2	2	1	5	4	4	2	2	
Other diseases of respiratory organs	12	..	..	2	..	..	..	6	4	4	2	1	2	..	..	1	1	..	..	1
Diarrhoea and Enteritis	17	6	2	..	2	..	1	4	2	2	2	1	1	..	..	1	..	..	..	1
Appendicitis and Typhlitis	2	..	..	..	1	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver	9	..	..	..	..	..	1	6	2	2	3	..	1	1	..	1	..	..	..	1
Alcoholism .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nephritis and Bright's disease	26	..	..	1	1	..	2	11	11	15	4	..	..	..	..	3	..	2	2	..
Puerperal Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other accidents and diseases of Pregnancy and Parturition	4	..	..	..	..	..	4	..	..	1	1	1	..	..	..	..	..	1	..	..
Congenital Debility & Malforma- tion, including Premature Birth	38	..	..	..	..	..	..	..	..	4	8	1	5	..	2	2	3	6	5	2
Violent Deaths, excluding Suicide	24	..	1	1	2	3	5	8	4	3	3	2	2	3	2	5	..	1	1	2	
Suicide	7	..	..	..	..	1	2	2	2	3	1	..	..	..	1	..	1	1	..	..
Other Defined Diseases	315	26	4	4	3	3	16	53	206	76	74	26	38	13	3	23	10	17	21	23	
Diseases ill-defined or unknown	5	..	..	..	..	..	..	2	3	..	2	1	1	..	..	..	..	1	..	..
Totals	955	100	31	28	39	34	93	220	410	232	231	69	97	34	18	79	40	55	53	47	

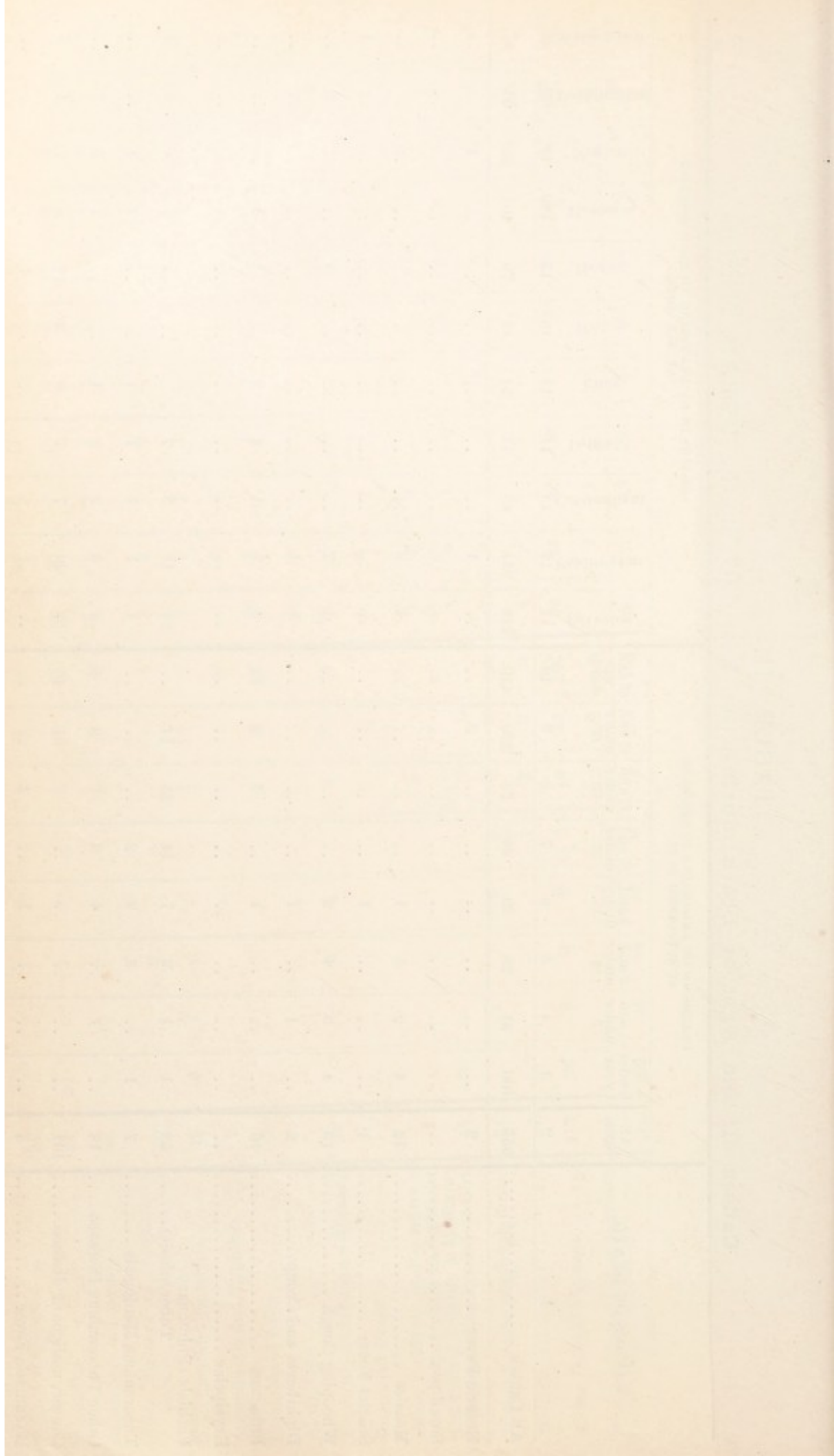


TABLE IV.
Causes of, and Ages at Death during Year 1917, in the RURAL Districts.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO THE DISTRICTS AT SUBJOINED AGES.										DEATHS IN OR BELONGING TO EACH DISTRICT (AT ALL AGES).											
	All ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and up- wards	Beverley	Brillington	Ditfield	Escrick	Howden	Norton	Pathington	Pocklington	Riccall	Sculcoates	Sherburn	Skirlough	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
All Causes {	1143	154	23	21	31	54	114	219	527	129	98	130	66	154	69	89	145	51	89	27	96	
Enteric Fever	6	..	..	..	1	3	1	1	..	2	1	..	..	3	..	..	..	..	..	..	..
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	7	1	2	1	2	..	1	..	..	..	1	..	3	2	..	..	..	1	..	..	..
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	3	1	1	1	..	..	..	..	..	..	..	..	..	1	..	..	2	..	..	..	..
Diphtheria and Croup	6	..	..	4	2	..	..	..	..	2	..	..	..	2	1	1	1	..	..	..	..
Influenza	22	2	..	..	..	..	1	4	15	..	2	7	1	1	..	4	2	..	3	1	1
Erysipelas	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Phthisis (Pulmonary Tuberculosis)	61	..	..	..	2	14	28	15	2	5	3	6	4	15	2	4	6	3	7	1	5
Tuberculous Meningitis	13	1	2	2	5	2	1	..	..	3	..	..	4	2	..	1	2	..	..	..	1
Other Tuberculous Diseases	15	1	..	1	5	3	4	..	1	3	1	2	..	1	2	..	..	..	2	..	4
Cancer, malignant disease	93	..	..	..	..	1	5	44	43	15	7	13	3	10	7	7	10	3	6	5	7
Rheumatic Fever	3	..	..	..	..	1	1	..	1	..	..	1	..	1	..	1	..	..	..	..	..
Meningitis	4	1	1	..	1	1	..	..	..	..	..	2	..	..	..	..	2	..	..	..	..
Organic Heart Disease	153	..	1	..	1	4	10	35	102	20	9	11	7	15	11	13	31	5	14	3	14	
Bronchitis	74	8	..	3	..	..	2	6	55	4	6	5	2	10	6	6	13	4	10	1	7
Pneumonia (all forms)	87	13	9	2	2	2	7	21	31	3	11	12	3	18	7	4	15	3	6	2	3	
Other diseases of the respiratory organs	13	1	..	..	1	..	2	1	8	1	1	2	1	2	1	1	1	..	..	3	..
Diarrhoea and Enteritis	19	8	1	1	..	..	2	5	2	1	..	1	..	..	2	1	1	1	..	2	..
Appendicitis and Typhlitis	6	..	..	..	1	1	1	2	1	3	..	1	..	..	..	..	1	..	..	1	..
Cirrhosis of Liver	7	..	..	..	..	..	2	4	1	3	1	..	..	..	..	..	3	..	..	..	..
Alcoholism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nephritis and Bright's Disease	22	..	..	..	1	3	1	7	10	2	2	2	1	3	3	2	3	1	1	1	1
Puerperal Fever	2	..	..	..	..	..	2	..	..	..	1	1	..	..	..	..	..	..	..	..	..
Other accidents and diseases of Pregnancy and Parturition	6	..	..	..	..	1	5	..	..	..	..	..	2	..	1	2	..	..	..	..	..
Congenital Debility and Malformation, including Premature Birth	78	76	1	..	..	1	..	..	..	3	9	9	4	14	8	8	5	6	5	3	4
Violent Deaths, excluding Suicide	43	5	1	1	5	8	12	7	4	5	11	1	2	2	1	8	4	4	..	1	4	
Suicide	8	..	..	..	..	..	3	4	1	1	2	1	1	..	..	..	1	..	2	..	..
Other Defined Diseases	384	34	3	5	2	9	21	61	249	50	28	52	28	52	17	26	43	20	32	9	37	
Diseases ill-defined or unknown	7	2	1	..	..	..	1	2	1	3	2	1	..	..	..	..	..	..	..	..	1
	1143	154	23	21	31	54	114	219	527	129	98	130	66	154	69	89	145	51	89	27	96	

TABLE V.

EAST RIDING OF YORKSHIRE.

Vital Statistics of Whole District during 1917, and
previous Years.

YEAR	Population estimated to Middle of each Year	BIRTHS Net.		NET DEATHS BELONGING TO THE DISTRICT.			
		Number	Rate	Under 1 Year of Age		At all Ages	
				Number	Rate per 1,000 net Births	Number	Rate
1	2	3	4	5	6	7	8
1909	153,007	3466	22·6	283	84	1919	12·6
1910	154,010	3451	22·4	322	95	2001	12·9
1911	155,037	3483	22·4	392	112	2079	13·4
1912	156,105	3351	21·6	250	74	1914	12·7
1913	157,066	3338	21·2	293	87	1999	12·7
1914	158,239	3288	20·7	274	83	1886	11·9
1915	150,176	3248	20·4	244	75	2192	14·5
1916	145,189	3215	20·3	245	75	2013	13·8
1917	144,595	2729	16·9	254	93	2098	14·5

TABLE VI.

Cases of Infectious Disease Notified during the Year 1917,
in the URBAN Districts of the East Riding of Yorkshire.

NOTIFIABLE DISEASE	At all ages	TOTAL CASES NOTIFIED IN EACH DISTRICT.											Totals
		Beverley	Brid- lington	Cot- tingham	Driffield	Filey	Hedon	Hessle	Hornsea	Norton	Pock- lington	With- nsea	
		1	2	3	4	5	6	7	8	9	10	11	
Small-Pox .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria including Membranous croup) ..	32	8	4	1	11	2	1	2	1	1	..	1	32
Erysipelas	23	11	4	1	1	1	..	3	..	..	1	1	23
Scarlet Fever	85	13	16	12	6	..	1	14	1	3	5	14	85
Typhus Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	6	1	..	..	..	..	..	2	1	1	1	..	6
Relapsing Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	1	..	..	..	1	..	..	..	..	..	..	..	1
Plague .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-Spinal Meningitis	2	1	1	..	..	..	..	..	..	..	..	..	2
Poliomyelitis	2	1	..	..	..	..	..	1	..	..	..	..	2
Ophthalmia Neonatorum.	10	3	5	..	..	..	..	..	1	..	1	..	10
Pulmonary Tuberculosis..	88	37	14	2	8	..	1	4	1	1	2	18	88
Other forms of ..	24	5	5	..	6	2	..	1	..	..	..	5	24
Measles	838	525	229	14	3	14	1	4	6	4	26	12	838
Totals	1111	605	278	30	36	19	4	31	11	10	36	51	1111

TABLE VII.

Cases of Infectious Disease notified during the Year 1917 in the RURAL Districts of the East Riding of Yorkshire.

NOTIFIABLE DISEASE.	At all ages.	TOTAL CASES NOTIFIED IN EACH DISTRICT.												Total
		Beverley	Bridlington	Driffield	Eserick	Howden	Norton	Patrington	Pocklington	Riccall	Sculcoates	Sherburn	Skirlaugh	
		1	2	3	4	5	6	7	8	9	10	11	12	
Small-pox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup)	36	6	2	4	1	7	2	4	1	5	4	..	..	36
Erysipelas	32	5	..	2	..	1	..	12	..	2	3	2	5	32
Scarlet Fever	102	10	7	6	2	25	3	20	10	..	7	3	9	102
Typhus Fever ....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	37	11	3	2	6	14	1	..	..	..	..	..	..	37
Relapsing Fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever ..	2	1	..	..	..	1	..	..	..	..	..	..	..	2
Plague .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-Spinal Meningitis..	2	..	..	..	..	..	..	..	..	..	1	1	..	2
Poliomyelitis.....	1	..	..	..	..	..	..	..	..	..	..	1	..	1
Ophthalmia Neonatorum ..	2	2	..	..	..	..	..	..	..	..	..	..	..	2
Pulmonary Tuberculosis..	74	11	1	8	3	19	1	5	11	2	6	1	6	74
Other forms of „	27	5	..	2	4	3	..	..	11	1	..	..	1	27
Measles	555	77	15	89	93	58	17	34	87	6	50	12	17	555
Totals.....	870	128	28	113	109	128	24	75	120	16	71	20	38	870

TABLE VIII.
Rainfall Returns, 1917.

Station.	Height of Rain Gauge above Sea Level.	Observer.	Total Rain-fall.	Number of days on which one-tenth of an inch or more of rain fell.	Average rainfall over a series of years.
Hempholme	11 feet	W. Evans, Esq.	23·46	190	25·96 for 8 yrs.
Hull.....	12 „	The Meteorological Soc.	24·30	186	25·77 „ 10 „
Spurn Head	26 „	The Meteorological Soc.	20·00	157	21·41 „ 8 „
Lockington.....	40 „	Mr. W. J. Algar	21·28	144	23·60 „ 3 „
*Filey	44 „	A. V. Machin Esq. and Rev. Canon Cooper	21·11	167	27·76 „ 7 „
Lowthorpe.....	63 „	F. K. Hawes Esq.	24·56	178	27·02 „ 10 „
Driffild	76 „	Mr. W. E. Lovel.....	24·16	142	28·37 „ 10 „
Scampston	100 „	W. H. St. Quintin, Esq.	27·44	182	28·08 „ 9 „
Dunnington	110 „	Miss E. Hildyard	23·63	195	24·99 „ 6 „
Dalton Holme ..	150 „	Mr. J. P. Jobling	25·99	176	27·07 „ 10 „
Beverley (E.R. Asylum)	175 „	M. A. Archdale, Esq., M.B.....	23·20	154	28·03 „ 10 „
Warter	230 „	Miss A. Coxon	28·52	175	29·13 „ 41 „
Burythorpe	240 „	Rev. W. Robinson....	31·06	169	
Birdsall	425 „	The Right Hon. Lord Middleton	31·58	181	30·47 „ 6 „
Thixendale.....	425 „	Miss Whitehead.....	32·74	200	30·54 „ 15 „

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

*From November the returns were sent by the Rev. Canon Cooper. Height of Gauge above sea level 95 feet.