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EAST RIDING COUNTY COUNCIL

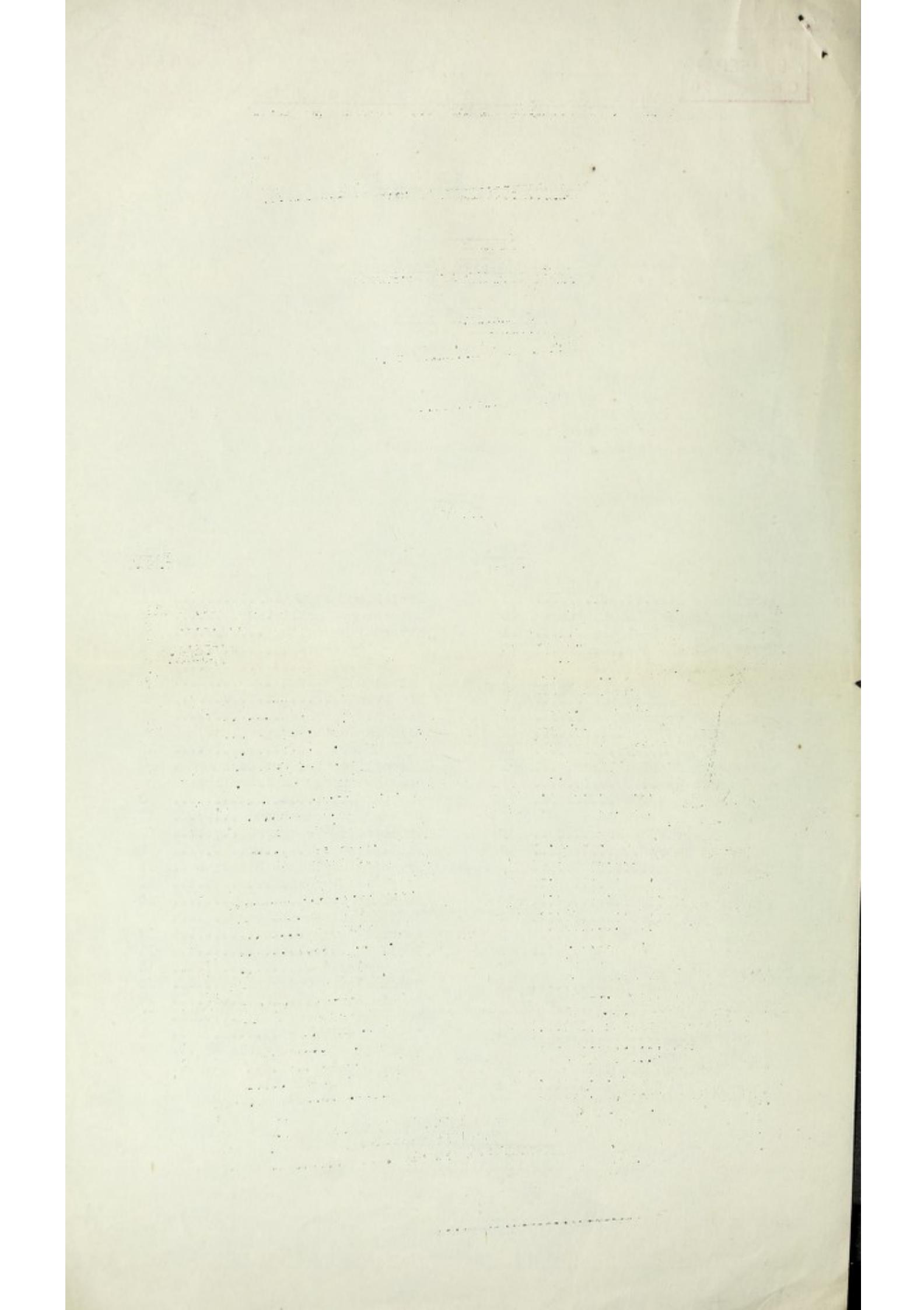


ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1941.

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E A S T R I D I N G O F Y O R K S H I R E .

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

LADIES AND GENTLEMEN,

The Annual Report for 1941 is mainly statistical,
and has been prepared in accordance with Ministry of Health Circular No. 2604.

The birth rate is 15.8 per 1,000 of the
population and is the highest figure recorded since 1929. The death rate is
12.1, which is a slight decrease on the figure for the previous year, whilst the
infantile mortality rate of 49.7 per 1,000 live births shows an increase on the
figure for 1940.

The estimated population of the County is 192,170.

There has been a slight increase in the notifications
of infectious disease throughout the County generally. Cerebro-spinal fever has
accounted for 50 cases, compared with 41 in the previous year, which was the
highest figure recorded in the County up to 1941, and the notifications of enteric
fever have increased from 6 in 1940 to 30 during the past year.

I wish to thank the members of the Committee for
their continued support, and my sincere thanks are due to my staff for their
constant and loyal help.

I have the honour to be,
Your obedient Servant,

(S) R.L. THORNLEY.

County Hall,
BEVERLEY.

August, 1942.

District Medical Officers of Health.

I regret to report the death of Dr. F.G. Dobson who had been District
Medical Officer for the Beverley Rural District since 1923. Dr. G. Thompson,
Manor House, South Cave, has been appointed in his stead.

Dr. L.C. Walker, who was appointed District Medical Officer for the
Norton Rural District in 1914, resigned his appointment during the year, and Dr.
W. Thistlethwaite of Shorburn has now taken over this post.

VITAL STATISTICS.

POPULATION.

Districts.	Census, 1931.	Estimated.	
		1940.	1941.
Administrative County	169,287	194,530	192,170
Urban Districts	75,206	94,540	90,320
Rural Districts	94,081	99,990	101,850

BIRTHS AND BIRTH RATES.
(per 1,000 of the Population).

Districts.	Average rate for the ten years		1935	1936	1937	1938	1939	1940	1941
	1921-1930	1931-1940							
Administrative County	17.9	14.8	14.3	14.5	14.6	15.2	14.9	14.3	15.8
Urban Districts	16.6	14.4	15.7	13.6	14.8	15.1	16.3	14.7	16.5
Rural Districts	18.8	14.9	14.6	15.3	14.3	15.2	13.5	13.8	15.2

The birth rate for the whole of England and Wales was 14.2, compared with 14.6 in the previous year.

There were 3037 live births and 108 stillbirths registered in the County during the year, making a total of 3145. Of this number, 562 occurred in the Boroughs of Beverley and Bridlington, leaving a total of 2583 in the area administered by the County Council.

The number of births notified to my Office by practitioners, midwives, etc. was 2415, whilst the Registrars in the County sent particulars of 151 births which had been registered but not notified.

ILLEGITIMATE LIVE BIRTHS.

Districts.	1934	1935	1936	1937	1938	1939	1940	1941
Administrative County	153	151	169	173	176	173	156	212
Urban Districts	60	55	60	60	77	90	78	90
Rural Districts	93	96	109	113	101	83	78	122

The illegitimate birth rate was 1.1 per 1,000 of the population compared with .80 in the previous year. The proportion of illegitimate births to legitimate was 1 to 13.

DEATH RATES FROM ALL CAUSES (ALL AGES)
(per 1,000 of the Population).

Districts.	Average rate for the ten years		1935	1936	1937	1938	1939	1940	1941
	1921-1930	1931-1940							
Administrative County	12.2	12.3	12.0	12.4	12.8	11.5	11.8	12.6	12.1
Urban Districts	13.2	13.0	12.4	13.2	13.2	11.9	12.6	13.0	13.1
Rural Districts	11.6	11.6	11.7	11.8	12.3	11.1	10.8	12.2	11.2

There were 2,322 deaths registered in the County in 1941, a decrease of 134 on the figure for the previous year.

The death-rate for the whole of England and Wales was 12.9 compared with 14.3 in 1940.

The principal causes of death in the County were once again heart disease (500), cancer (323) and intra-cranial vascular lesions (256), which accounted for nearly 50% of the total deaths.

DEATHS AMONGST CHILDREN UNDER ONE YEAR.
Death rate amongst Infants per 1,000
Live Births.

Districts.	Average rate for the ten years		1935	1936	1937	1938	1939	1940	1941
	1921-1930	1931-1940							
Administrative County	61	51	52	49	53	42	49	43	50
Urban Districts	59	50	44	51	52	45	46	42	55
Rural Districts	63	53	58	48	53	39	53	44	45

There were 156 deaths of children under the age of one year in 1941 compared with 121 in 1940.

The rate for the whole of England and Wales was 59 compared with 55 in the previous year.

INQUESTS.

The causes of death returned by the Coroners were as follows:-

Cause of Death.	East Riding District.	Holderness District.	Howdenshire District.	Escrirk District.	Totals.	Totals for 1940.
Natural Causes	19	2	2	4	27	14
Accidental Death	90	28	19	13	153	98
Suicide	15	7	1	5	28	33
Found drowned	2	-	2	1	5	4
Other verdicts	3	1	-	-	4	3
 Totals	129	38	24	26	217	152

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

NURSING IN THE HOME.

No change. An additional grant of £50 was, however, made to the East Riding Nursing Association during the year.

CHILD LIFE PROTECTION.

The five Child Protection Visitors paid a total of 314 visits to foster mothers and children during the year compared with 412 in 1940 and 375 in the previous year.

No. of cases on the Register at 1st January, 1941:-	
(a) Children	66
(b) Foster-mothers	57
No. of children who were registered during the year	8
No. of new foster-mothers who were registered during the year	6
No. of children removed from the Register:-	
(a) On attaining the age of 9 years	5
(b) On being transferred to the care of relatives	9
(c) On leaving the County	3
No. of children who were transferred to the care of other foster-mothers in the County	1
No. of children removed to Hostels, Institutions, etc. ..	3
No. of cases under supervision at 31st December, 1941:-	
(a) Children	54
(b) Foster-mothers	49

MIDWIVES.

One hundred and four midwives notified their intention to practise in the East Riding during the year 1941. At the end of the year, there were only 76 midwives in practice, 27 of whom were in private practice, 15 were employed by Voluntary Nursing Associations, 15 were Domiciliary County Midwives, 13 were employed in Institutions; whilst the remaining six were midwives employed by the Hull Corporation at a small Emergency Maternity Home which they have established in the East Riding.

The following table shows the total number of cases attended during the year by seventy-six midwives from whom returns were received:-

No. of Cases.	Midwives residing outside the County.	Midwives employed in Institutions.	Midwives employed by Nursing Associations.	County Midwives (including temporary relief midwives).	Private Practising Midwives.	Total.
-	-	4	-	-	4	8
1 - 4	3	-	2	-	5	10
5 - 9	-	-	1	1	2	5
10 - 19	-	4	3	1	3	11
20 - 29	1	4	3	-	1	9
30 - 39	-	2	4	-	-	6
40 - 49	-	3	2	1	-	6
50 - 59	-	1	-	-	-	1
60 - 69	-	-	1	4	-	5
70 - 79	-	4	1	2	1	8
80 - 89	-	-	-	1	-	1
90 - 99	-	-	-	1	-	1
100 and over	-	1	-	4	-	5

The work of the County Midwives during 1941 is summarised in the following table:-

District.	Ante-Natal Visits.	Nursing Visits.	Number of Bookings.	Number of Confinements attended.
Barlby	426	1078	87	75
Beverley No. 1	533	2057	142	121
Beverley No. 2	525	1801	110	98
Burton Fleming	494	939	66	52
* Driffield No. 1	141	274	18	16
* Driffield No. 2	163	298	33	18
Driffield (New District)	199	1073	64	70
Hedon	405	886	71	51
Hessle	359	1522	124	89
Howden	380	719	75	53
Market Weighton	276	1158	78	70
Norton	844	1330	117	95
Pocklington	226	1313	70	72
Skirlaugh	220	1107	90	83
Withernsea	764	1681	131	105
Relief Midwife No. 1	149	1062	28	65
Relief Midwife No. 2	292	1049	26	57
Totals	6396	19347	1330	1190

* Districts amalgamated during the year.

There has been no change in the grants payable to the 13 District Nursing Associations for the midwifery work which they carry out on behalf of the County Council.

Details of the cases attended by the District Nurses employed by these Associations are as follows:-

Nursing Association.	Ante-Natal Visits.	Nursing Visits.	Number of Bookings.	Number of Confinements attended.
Anlaby, Kirkella & Willerby No. 1	47	314	21	19
Anlaby, Kirkella & Willerby No. 2	88	440	22	23
Bridlington	576	1161	74	66
Dalton Holme	135	728	39	41
Elloughton & Welton	256	724	52	43
Escrick	210	448	40	37
Ferraby & Swanland	192	493	24	27
Filey	203	1235	58	49
Flamborough	113	186	12	10
Ganton	209	351	24	16
Hornsea	161	1320	54	68
North Cave	623	528	51	48
Walkington	244	553	39	32
Weston	122	384	30	26
Totals	2979	8865	540	505

One thousand, six hundred and eighty-two births were attended by midwives with no doctor in attendance, or 54% of the total births registered, the same figure as in the previous year.

Statutory notices under the Rules of the Central Midwives Board were received as follows:-

	Private Practising Midwives.	Midwives in Institutions.	County Midwives.	Nursing Association Midwives.	Total.
Sending for medical help	24	95	233	92	444
Notification of death	-	3	8	3	14
Notification of stillbirth	-	4	21	3	28
Laying out dead body	-	9	3	9	21
Liability to be a source of infection	2	-	19	8	29
Artificial feeding	2	72	20	2	96

The number of medical help forms received from midwives was equivalent to 26% of the cases which they attended as midwives, compared with 25% in the previous year.

Fees amounting to £720. 13s. Od. were paid to practitioners under Section 14 of the Midwives Act, 1918, and £153. 7s. 6d. was recovered from the patients concerned. In the previous year, the figures were £463. 10s. Od. and £165. 13s. 9d. respectively.

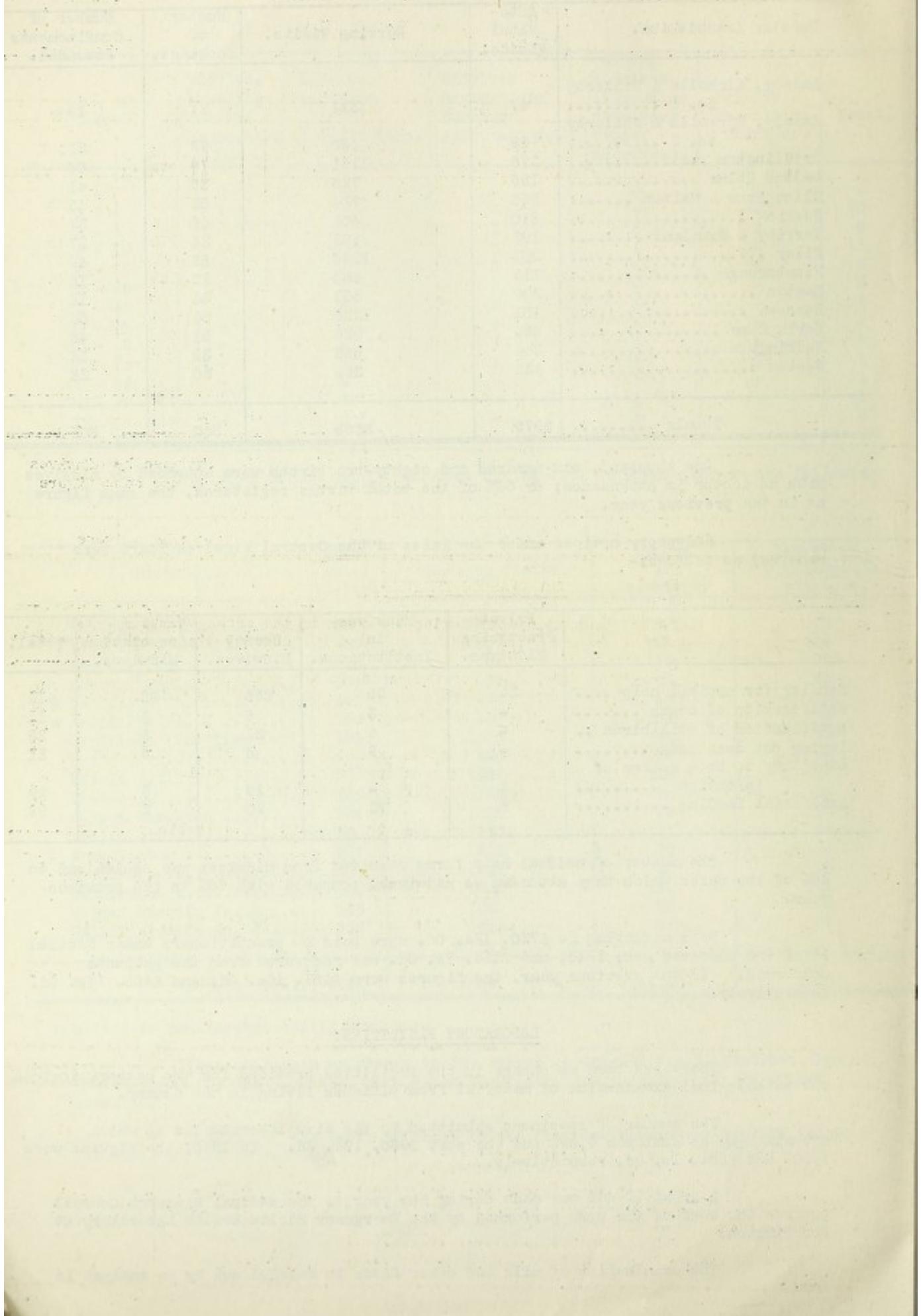
LABORATORY FACILITIES.

There has been no change in the facilities provided for the bacteriological and pathological examination of material from patients living in the County.

The number of specimens submitted to the five laboratories to which material may be sent was 4,592 and the cost £980. 19s. 2d. In 1940, the figures were 3,405 and £561. 1s. 4d. respectively.

A grant of £45 was made during the year to the Medical Research Council towards the cost of the work performed by the Emergency Public Health Laboratory at Pocklington.

The examination of milk and other foods is carried out by an analyst in Hull.



the year owing to the small number of attendances. On the other hand, a Centre was opened in Leven.

Particulars of the work carried out during the year at the Centres in the County are given in the following table:-

Centre.	Number who attended.		Attendances.	
	Children under one.	Children between one and five.	Total.	Average per Session.
Anlaby	31	65	388	32
Barlby	21	46	360	14
Bilton	20	43	176	15
Cottingham	51	112	1007	39
Driffield	73	99	983	39
Filey	3	2	6	3
Ganton	23	66	395	36
Hessle	80	116	1029	40
Hornsea	44	82	456	38
Howden	13	25	139	13
Long Riston & Loven	32	41	245	11
Market Weighton	22	41	292	24
Pocklington	16	49	330	25
Preston	17	53	223	17
Willerby	25	56	398	31
Withernsea	57	112	582	22
 Total	528	1008	7009	27

ORTHOPAEDIC TREATMENT.

There has been no change during the year in the arrangements for the in-patient or out-patient treatment of persons crippled by tuberculosis or other causes.

Nine children were sent for treatment to the Adela Shaw Orthopaedic Hospital, Kirbymoorside, two being admitted under the Maternity and Child Welfare Scheme, and seven through the Tuberculosis Scheme.

The Visiting Orthopaedic Surgeon examined 66 East Riding patients at the Clinics at Driffield, Melton, Scarborough and York. Those patients, of whom 35 attended for the first time, paid 118 visits to the Clinics.

Thirteen adult patients were sent to out-County Institutions for the treatment of tuberculosis.

HEALTH VISITORS.

There has been no change in the arrangements for the health visiting of children up to the age of five years.

Details of the work done by the Health Visitors is contained in the following table:-

	Year ended	
	31. 12. 41.	31. 12. 40.
Visits to expectant mothers:		
First Visits	95	82
Subsequent Visits	183	190
Visits to infants under one year of age:		
First Visits	2044	2218
Subsequent Visits	4832	5795
Visits to children between 1 and 5 years of age	10373	12622
Visits to insanitary premises	7	2
Number of visits as Child Protection Visitors	314	412

TREATMENT OF MINOR AILMENTS.

Eleven children under school age were dealt with under this head during the year. Eight children were sent to an ophthalmic surgeon on account of squint, two were admitted to Hospital for removal of tonsils and adenoids, whilst one infant was sent to Hospital for the removal of an eye.

REGISTRATION OF NURSING HOMES.

One Nursing Home was registered during the year, making a total of seven such Homes in the East Riding.

Two hundred and ninety-eight patients were admitted to the Homes during the year, 211 of which were maternity cases, whilst 19 were medical, 54 surgical, 12 convalescent and chronic, and two others.

Exemption from registration has again been granted to three local Voluntary Hospitals and one Nursing Home which are not carried on for gain.

MATERNAL MORTALITY.

There were 12 maternal deaths in the County during the year, seven being ascribed to puerperal sepsis, and five to other puerperal causes. The maternal mortality rate was 3.95 per 1,000 live births, whilst that for England and Wales was 2.23. There was one death of a mother for every 253 births, compared with 352 in 1940.

The following table gives the mortality rates for the County over a series of years:-

Year.	Puerperal Sepsis.		Other Puerperal causes.		All Causes.		No. of live births
	Deaths.	Rate per 1,000 births.	Deaths.	Rate per 1,000 births.	Total Deaths.	Rate per 1,000 births.	
1925	3	1.00	8	2.66	11	3.66	3004
1926	4	1.40	4	1.40	8	2.80	2858
1927	3	1.04	5	1.73	8	2.77	2888
1928	3	1.04	10	3.49	13	4.53	2864
1929	5	1.76	11	3.89	16	5.65	2830
1930	2	.74	7	2.61	9	3.35	2679
1931	5	1.90	11	4.17	16	6.07	2635
1932	1	.39	3	1.18	4	1.58	2537
1933	2	.80	9	3.62	11	4.42	2489
1934	7	2.74	11	4.30	18	7.04	2558
1935	3	1.21	11	4.44	14	5.66	2475
1936	1	.39	7	2.72	8	3.11	2572
1937	1	.38	6	2.26	7	2.63	2658
1938	2	.71	11	3.93	13	4.64	2800
1939	1	.35	3	1.05	4	1.40	2861
1940	2	.71	6	2.13	8	2.84	2815
1941	7	2.30	5	1.65	12	3.95	3037

Facilities for the ante-natal care of patients continue unchanged. Two hundred and eighty-five uninsured patients were examined by general practitioners under the Ante-natal Scheme during the year, compared with 250 in the previous year. The number of post-natal examinations was 79.

A consultant was called in on one occasion on account of suspected abnormality.

Confidential reports were sent to the Ministry of Health on eleven maternal deaths which came to my notice during the year.

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

There has been a change in the provision of accommodation for mental defectives, in consequence of the transference of the Brandesburton Institution to the Air Ministry.

The patients in the Institution have been admitted to Mental Deficiency

Institutions in various parts of the Country under arrangements made by the Board of Control.

AMBULANCE FACILITIES.

No change has occurred during the year in the number of ambulances (other than A.R.P. Ambulances) provided in the County.

The County Council ambulance made 228 journeys involving a mileage of 11,258. The sum of £154. 9s. 9d. was received in fees for the use of the ambulance compared with £239. 17s. 2d. in the previous year when the number of journeys made was 239 and the mileage 7,964.

PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916.

The arrangements for in-patient and out-patient treatment of persons suffering from venereal disease remain unchanged.

Twenty-three patients who paid 216 attendances were assisted with their travelling expenses during the year to enable them to attend the clinics for treatment at a total cost of £26. 11s. 10d.

The total amount paid to other authorities in respect of the treatment of venereal disease was £665. 5s. 3d.

A contribution of 5/- per 1,000 of the population for propaganda work is paid to the British Social Hygiene Council.

The following table gives particulars of the cases treated at the Centres in 1941:-

	Hull.	York.	Leeds.	Scarborough.	Total 1941.	Total 1940.
Number of persons dealt with for the first time during the year and found to be suffering from:-						
Syphilis	10	2	-	-	12	9
Soft Chancres	1	-	-	-	1	4
Gonorrhoea	38	7	-	6	51	37
Non-venerereal and undiagnosed conditions	22	7	-	25	54	32
Total	71	26	-	31	118	82
Total number of attendances of all patients residing in the East Riding	684	447	18	431	1580	1384

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLIES.

No work has yet been undertaken in connection with the Regional Water supply in the Beverley Rural District. With the exception of this Sanitary Authority, all the Regional Schemes have been completed and practically every village and hamlet in the Administrative County now has a public supply of water.

During the year, two local authorities have extended their mains to enable them to link up with other Regional supplies in the County to meet any possible shortage in time of drought.

HOUSING.

One application for assistance under the Housing (Rural Workers) Acts was received during the year. This related to a scheme for the alteration or conversion of farm properties in the Beverley Rural District for occupation by agricultural workers, and the County Council decided to make a grant of £400 in respect of the four dwellings to be provided.

In general, other housing activities were at a standstill.

INSPECTION AND SUPERVISION OF FOOD.

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936 AND 1938.

Four "Accredited" licences were granted during the year. Two producers of "Accredited" milk and two of "Tuberculin Tested" milk surrendered their licences during 1941. At the end of the year there were 48 "Accredited" licences and 8 "Tuberculin Tested" licences in force in the County. Two of the "Tuberculin Tested" herds are "Attested" herds.

During the year 388 samples of designated milk produced in the County were submitted to the tests prescribed by the above Orders with the following results:-

	<u>"Tuberculin Tested"</u> Milk.	<u>"Accredited"</u> Milk.
Failed to pass the Methylene Blue test	7	23
Contained Coliform Bacillus'	1	22
Failed both tests	7	51
Passed both tests	71	206

Two hundred and two bulk samples of "Accredited" milk were submitted to the biological test for tubercle bacilli during the year, four of which were returned positive. In three of the herds concerned, no trace of any diseased beast could be found following both clinical and biological examination of group samples of milk from the cows in the herds involved. In the remaining herd, one diseased beast was detected and slaughtered.

TUBERCULOSIS ORDER, 1938.

The following are details of the work done during the year and during 1940 under the above Order:-

	<u>1941.</u>	<u>1940.</u>
No. of animals slaughtered	54	81
Tuberculosis of udder	10	28
Tuberculosis emaciation	4	5
Chronic cough and showing definite clinical signs of tuberculosis	40	48
Advanced cases	36	35
Not advanced cases	18	46
Cows in milk	49	76
Cows not in milk	4	5
Other bovine animals	1	-

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915,

and

MILK AND DAIRIES ORDERS, 1926 AND 1938.

There has been no change in the arrangements for the routine clinical examination of dairy cattle by Officers of the Ministry of Agriculture and Fisheries.

Three hundred and fifty-seven bulk samples of milk (inclusive of the 202 referred to under the heading "Milk (Special Designations) Orders, 1936 and 1938") were taken by the Council's Sampling Officers for biological examination, 6 (or 1.7%) of which were reported to contain tubercle bacilli. In the previous year, the figures were 313 and 9 (2.9%) respectively.

Diseased beasts could only be traced in two of the herds.

Three positive samples produced in the County were reported by the Medical Officer of Health for Hull, and one by the Medical Officer of Health for York. In three of these herds, a diseased beast was detected and slaughtered.

PREVAILANCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

DEATHS FROM PRINCIPAL EPIDEMIC DISEASES.

The number of deaths due to the seven principal epidemic diseases, viz:- Smallpox, measles, scarlet fever, diphtheria, whooping cough, fever (typhus, typhoid and simple continued) and diarrhoea (under the age of two years) was 42, giving a death rate of .2 per 1,000 of the population. In the previous year, the figures were 9 and .05 respectively.

SMALLPOX.

As in the previous year, no cases of this disease were reported.

MEASLES.

The number of notifications received during the year was 1,647, and there were 6 deaths from the disease.

ENTERIC FEVER.

Thirty cases of enteric fever were reported in 1941, two of which proved fatal. In the previous year, only six cases were notified.

SCARLET FEVER.

Three hundred and forty-seven cases of this disease were notified during the past year, compared with 220 in the previous year. There was one death. The District with the highest number of notifications was once again the Howden Rural District (46).

DIPHTHERIA.

There were 134 notifications of this disease during the year 1941. Twenty-three of the cases occurred in the Beverley Rural District. There were seven deaths.

An effort was made during the year to immunise as many children as possible against diphtheria. The result of the campaign was highly satisfactory.

ISOLATION HOSPITALS.

No change has occurred in the facilities provided for the hospital treatment of cases of infectious disease.

Admissions to the County Isolation Hospital at Driffield during 1941 numbered 318, (180 scarlet fever, 109 diphtheria, 20 cerebro-spinal fever, 6 enteric fever, 2 dysentery and 1 mumps) compared with 163 in 1940 and 344 in 1939. In addition, 21 patients from the Hospital area suffering from infectious diseases were admitted to other Hospitals as follows:- Hull City Infectious Diseases Hospital (10), York Isolation Hospital (2), Selby Isolation Hospital (4), Scarborough Sanatorium (1), Norton Grove Infectious Diseases Hospital (3), and Bridlington Borough Sanatorium (1).

The following table gives particulars of the patients treated during the year:-

District.	Diphtheria.	Scarlet Fever.	Enteric Fever.	Other Diseases.	Total.
Beverley M.B.	15	25	2	7	49
Driffield U.D.	14	12	-	2	28
Filey U.D.	1	7	1	1	10
Hedon M.B.	1	-	-	-	1
Hornsea U.D.	7	9	-	1	17
Norton U.D.	2	5	1	2	10
Withernsea U.D.	1	8	-	-	9
Beverley R.D.	28	16	1	3	48
Bridlington R.D.	-	2	-	-	2
Derwent R.D.	5	14	-	5	24
Driffield R.D.	5	25	-	4	34
Holderness R.D.	9	14	-	6	29
Norton R.D.	3	10	1	2	16
Pocklington R.D.	1	25	-	4	30
Service Cases	17	7	-	7	31
Staff	-	1	-	-	1
	109	180	6	44	339

PUERPERAL PYREXIA.

Twenty-five women were reported during the year to be suffering from puerperal pyrexia. Six patients were admitted to Hospital for treatment, and five were treated at home by the practitioners in charge with satisfactory results. Three of the remaining 14 cases occurred at the Driffield Maternity Home (1) and the Hull Corporation's "Greystones" Maternity Home at Cottingham (2), where the necessary facilities were available for treatment. The other eleven cases occurred in the areas of the Beverley (5) and Bridlington (6) Welfare Councils.

OPHTHALMIA NEONATORUM.

Eight infants were notified as suffering from ophthalmia neonatorum during 1941. One of the cases was treated at home by the practitioner in charge with satisfactory results, three were admitted to Hospital for treatment, whilst the remaining four cases occurred in the areas of the Beverley (2) and Bridlington (2) Welfare Councils.

CEREBRO-SPINAL FEVER.

This disease has continued to be prevalent during the past year, 50 cases being notified, the highest figure ever recorded in the County. Seventeen of the patients were admitted to Hospital, 26 were non-civilians and the remaining seven patients were treated at home. There were five deaths.

CANCER.

There has been no change in the arrangements for the diagnosis and treatment of patients suffering from cancer.

Thirteen patients from the East Riding were sent to the Leeds General Infirmary for in-patient treatment, and arrangements were made for two cases to receive out-patient treatment.

Deaths from cancer over a series of years are given in the following table:-

Year.	Urban Districts.	Rate per 1,000 of the Population.	Rural Districts.	Rate per 1,000 of the Population.	Whole County.	Rate per 1,000 of the Population.
1935	154	1.95	150	1.57	304	1.75
1936	179	2.16	134	1.42	313	1.76
1937	169	1.61	132	1.37	271	1.49
1938	173	1.94	145	1.52	318	1.72
1939	185	1.96	134	1.36	319	1.66
1940	175	1.85	165	1.65	340	1.75
1941	159	1.76	164	1.61	323	1.68

The County Council again made a contribution of £25 to the Yorkshire Council of the British Empire Cancer Campaign towards research and propaganda work.

VACCINATION.

The total number of primary vaccinations during the past year was 1544 and 1256 statutory declarations of objection to vaccination were received.

Owing to evacuation and the calling up of men due for military service whose wives have gone to live in the towns where their husbands are stationed, the transfers to, and from, other Vaccination Officers have greatly increased; also the number of case of removals to places unknown.

The Vaccination Officer for Beverley, Hessle and parts of some of the smaller districts resigned on the 9th April, 1941, and his duties have been transferred to the County Vaccination Officer at the County Hall, Beverley. The work in connection with vaccination for the whole of the County is now dealt with from the central office at Beverley.

Detailed returns for the year ended 31st December, 1940, which have been received from the Vaccination Officers show that 2,614 children whose births were registered during the year were dealt with as shown below. The figures for the previous year are also given for comparison.

	1940.	1939.
Successfully vaccinated	976	949
Insusceptible of vaccination	13	16
Declaration of Conscientious Objection.....	1320	1421
Died unvaccinated	92	83
Postponement by Medical Certificate	3	6
Removal to other areas	47	32
Removal to places unknown	70	58
Not accounted for	93	14

WELFARE OF THE BLIND.

The total number of blind persons now on the East Riding Register is 114 men and 99 women, as compared with 115 men and 94 women at the date of the last report. There are also 17 blind persons living in the County who have come from other areas on account of war conditions.

Financial assistance is granted to 129 unemployable blind persons in necessitous circumstances. The County Council recently amended the regulations dealing with financial assistance to blind persons in order to provide each blind person with an income of 27/6d. per week with an appropriate allowance for any dependants.

The workshops of the Hull and East Riding Institute for the Blind provide employment for five men and one woman, and six men and two women are recognised as Home Workers.

Two blind women of advanced age are maintained at the Holiday Home for the Blind at Scarborough.

TUBERCULOSIS.

NEW CASES AND MORTALITY.

One hundred and seventy-two (125 Pulmonary and 47 Non-pulmonary) new cases of tuberculosis were notified during the year and in addition 39 cases came to notice otherwise than by formal notification. The total number of cases notified in the County shows an increase of 58 on the figure for the previous year.

Once again, 50% of the cases notified were between the ages of 15 and 35.

The following table shows the additions to and removals from the Registers kept by the District Medical Officers of Health:-

	Pulmonary.		Non-pulmonary.		Total.
	M.	F.	M.	F.	
Number of cases on the Registers at 31st December, 1940	336	289	158	161	944
Added to the Registers:-					
(a) Cases notified for the first time during the year	65	63	23	25	176
(b) Un-notified cases brought to notice otherwise than by formal notification	19	9	6	4	38
Removed from the Registers on account of death, change of address, etc.	52	49	21	14	136
Number of cases on the Registers at 31st December, 1941	368	312	166	176	1022

The number of deaths ascribed to all forms of tuberculosis as returned by the Registrar-General was 94, compared with 91 in 1940. Seventy-five of the deaths were certified as due to pulmonary tuberculosis, and 19 to the other forms of the disease.

The new cases notified during the year are shown in the following table, together with the deaths from tuberculosis as returned by the Registrar-General:-

Age periods.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-pulmonary.		Pulmonary.		Non-pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 4	1	1	1	-	-	-	1	-
5 - 9	-	-	8	2	-	-	6	2
10 - 14	3	2	6	14	-	3	1	1
15 - 19	56	56	13	10	23	28	3	1
20 - 24	19	9	1	3	8	4	-	1
25 and upwards	2	3	1	-	6	3	2	1
Totals	81	71	30	29	37	38	13	6

The pulmonary death rate of .39 per 1,000 of the population is the same figure as in the previous year. The non-pulmonary death rate of .1 is a slight increase on the figure for the previous year.

The death rates per 1,000 of the population over a series of years are given below:-

PULMONARY TUBERCULOSIS.

Districts.	Average rate		1934	1935	1936	1937	1938	1939	1940	1941
	for the ten years 1921-1930	1931-1940								
Administrative County	.65	.40	0.39	0.41	0.40	0.31	0.34	0.31	0.40	0.39
Urban Districts .....	.75	.48	0.44	0.53	0.45	0.31	0.47	0.33	0.45	0.46
Rural Districts .....	.58	.34	0.36	0.30	0.36	0.31	0.22	0.29	0.34	0.32

OTHER FORMS OF TUBERCULOSIS.

Administrative County	.18	.12	0.11	0.13	0.12	0.09	0.09	0.13	0.07	0.10
Urban Districts .....	.19	.11	0.07	0.13	0.07	0.06	0.09	0.17	0.12	0.06
Rural Districts .....	.17	.12	0.14	0.14	0.17	0.12	0.08	0.09	0.03	0.14

INSTITUTIONAL TREATMENT.

No change has occurred in the facilities provided for the treatment of

persons suffering from tuberculosis.

Ninety-eight patients were admitted to the Raywell Sanatorium compared with 83 in the previous year. In addition, 61 patients were sent to other institutions for treatment as follows:-

Fairfield Sanatorium, York	30
Harlow Wood Orthopaedic Hospital, Mansfield	4
Beverley Base Hospital	2
Hull Sanatorium, Cottingham	2
Middleton-in-Wharfedale Sanatorium	1
Adela Shaw Orthopaedic Hospital, Kirbymoorside ..	7
Hull After-Care Colony	1
Hull Royal Infirmary	1
York County Hospital	6
Oswestry Orthopaedic Hospital	4
Scotton Bank Sanatorium, Knaresborough	1
Leeds General Infirmary	1
Seacroft Emergency Hospital	1

Of the 192 patients sent to institutions, 146 were diagnosed as suffering from tuberculosis prior to admission, whilst the remaining 46 cases were admitted for observation purposes. Thirty-two of the latter patients were subsequently diagnosed as tuberculous. Details of the cases treated are set out in the following table:-

	No. of Patients.				No. of Observation Cases.				Total.	
	Adults.		Children.		Adults.		Children.			
	M.	F.	M.	F.	M.	F.	M.	F.		
In Institutions on 1.1.41.	17	10	11		4	9		9	60	
Admitted during the year	60	69	17		13	14		19	192	
Discharged during the year	46	53	16		15	22		21	173	
Died in Institutions	9	5	3		-	-		-	17	
In Institutions on 31.12.41	22	21	9		2	1		7	62	

The number of patients discharged from the various Institutions who were definitely suffering from the disease was 132, compared with 98 in 1940. The following table shows the condition of these patients at the time of their discharge:-

Classification on Admission.	Condition at time of Discharge.											
	Quiescent.						Not Quiescent.			Died in Institutions.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
Pulmonary Tuberculosis:												
Class T.B. Minus	10	10	3	2	3		-	-	-	-	-	-
Class T.B. Plus	2	11	-	26	18		-	9	5	1		
Non-Pulmonary Tuberculosis	4	3	10	2	8	4	-	-	-	2		
Totals	16	24	12	30	29	4	9	5	3			

The following table shows the results of observation of the doubtfully tuberculous cases discharged during the year:-

Classification on Admission.	Condition at time of Discharge.											
	Tuberculous.						Non-Tuberculous.			Doubtful.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
Observation for purpose of diagnosis	10	18	4	5	4	17	-	-	-	-	-	-

DISPENSARIES.

There has been no change in the arrangements made for the dispensary supervision of patients suffering from tuberculosis.

Three hundred and forty-five new cases (including contacts) were seen at the five Dispensaries in the County during the year, 114 of whom were found to be suffering from tuberculosis. In the previous year, the figures were 306 and 91 respectively.

The number of contacts examined was 92. In 5 cases, a diagnosis of tuberculosis was established, whilst the remaining 87 patients were found to be free from the disease.

The following table gives details of the work done during the year, and also shows the corresponding figures for the previous year:-

	<u>1941.</u>	<u>1940.</u>
No. of attendances by patients at Dispensaries (including contacts)	652	440
No. of consultations with Medical Practitioners:-		
(a) Personal	24	36
(b) Other	437	382
No. of visits by Tuberculosis Officer to homes (including personal consultations)	199	145
No. of specimens of sputum etc. examined	315	191
No. of X-ray examinations carried out	210	151
No. of patients receiving milk and eggs at end of year	20	53
Total cost of milk supplied	£545.8s.1d.	£555.13s.0d.
Pneumothorax cases:-		
No. of patients receiving refills	5	3
No. of visits paid by these patients	87	54
No. of patients provided with artificial light ..	9	2
No. of visits paid by these patients	265	78
No. of cases on Dispensary Register at end of year	617	529

TABLE I.

BACTERIOLOGICAL EXAMINATIONS.

	Diphtheria.		Phthisis.		Water.	Milk.	Other examinations.
	Pos.	Neg.	Pos.	Neg.			
<u>URBAN DISTRICTS.</u>							
Beverley	7	31	5	31	-	-	35
Bridlington	8	44	10	63	23	4	67
Driffield	14	79	1	10	-	-	20
Firby	1	4	-	1	-	-	11
Haltemprice	11	36	5	36	-	-	18
Hedon	-	2	-	-	-	-	4
Hornsea	6	25	3	18	-	-	3
Norton	1	7	-	2	3	-	5
Withernsea	1	5	1	5	-	-	1
<u>RURAL DISTRICTS.</u>							
Beverley	25	50	5	10	-	-	13
Bridlington	5	37	-	18	-	-	7
Darwent	3	17	-	4	4	-	2
Driffield	-	12	2	14	2	-	4
Holderness	1	23	2	10	-	-	4
Howden	11	67	2	17	-	-	10
Norton	-	8	2	1	17	-	3
Pocklington	1	30	2	11	4	-	5
C/F	95	477	40	251	54	4	212

	Diphtheria.		Phthisis.		Water	Milk	Other examination
	Pos.	Neg.	Pos.	Neg.			
B/f	95	477	40	251	54	4	212
<u>E.R.C.C.</u>							
"Avenue" Hospital	-	-	-	-	-	-	23
Public Health	-	-	3	9	-	-	2
Isolation Hospital	122	434	-	-	-	-	86
Sanatorium	-	1	166	139	-	-	-
Public Assistance	1	1	-	4	-	-	2
Joint Board (M.D.)	-	-	1	-	-	-	-
Mental Hospital	-	-	1	1	-	18	12
Milk (Special Designations)							
Orders	-	-	-	-	-	525	-
Milk & Dairies Orders	-	-	-	-	-	131	-
Beverley Base Hospital	5	112	11	209	-	-	865
Driffield Base Hospital	1	11	8	88	-	-	379
P.R.D.	-	5	-	-	-	-	-
R.A.F., Filey	-	7	-	1	-	-	71
Midwives	-	-	-	-	-	-	4
TOTALS	224	1048	230	702	54	678	1656

TABLE II.

FOOD AND DRUGS (ADULTERATION) ACT, 1938.

Summary of Samples taken by the Sampling Officer and analysed during the year ended 7th March, 1942.

Almond Paste	1	Milk evaporated (unsweetened) ..	1
Anti-gas ointment	2	New laid eggs in flakes	1
Baking Powder	2	lb egg cake and pudding mixture ..	1
Beef, Extract of	1	Non-alcoholic Wine	3
Camphorated Oil	1	Nut olive	1
Chocolate Chocomol, Malt and Glucose	1	Onion powder substitute	2
Chocolate Cup	1	Orange substitute	1
Cocoa	1	Pale Ale	1
Cod Roe	1	Pepper	7
Coffee	1	Puffed Rice	1
Egg Substitute powders	10	"Sacarex" (saccharine)	1
Gelatine, edible	1	Sage and onion stuffing	1
"Glacosac" pure sugar substitute	1	Salad Oil, vegetable oil	1
Glycerine	1	Sausage	3
Ground Almonds	1	Sausage containing preservative ..	1
Ground Cinnamon	2	Scotch Whisky	1
Ground Coffee	1	Self raising flour	2
Ground Ginger	3	Self raising flour (sweetened) ..	1
Ground Mace	1	Sugar	1
Ground Mixed Spice	1	Sweetened Custard Powder	2
Ice Cream	1	Syrup of figs	1
Jualco Jela (Blanc Mange)	1	Turkey and tongue paste	1
Lemon Barley Water	1	Vinegar, non-brewed	1
Lemon Substitute	2	Wheat meal flour	1
Liquid Paraffin	1	Yeast	5
Malt Vinegar	5	Yorkshire Pudding Fritter and Pancake mixture	1
Malted Milk	1		
Milk	270		
Milk evaporated sterilized (unsweetened)	1	Total	360

SAMPLES adulterated or below the presumptive limits of the Sale of Milk Regulations.

Egg Substitute Powders	10	(No action
Malt Vinegar	1	(No action

Milk	44	(5 Convictions (22 Cautions (2 Dismissed (1 Withdrawn (14 No Action
"Sacarex"	1	(No Action

Amount of Penalties, including Costs, £22. Os. Od.

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1941.

Notifiable Disease.	Urban Districts.	Rural Districts.	Administrative County.
Scarlet Fever	164	183	347
Diphtheria (including Membranous Group)	63	71	134
Enteric Fever	20	10	30
Puerperal Pyrexia	18	7	25
Erysipelas	16	15	31
Ophthalmia Neonatorum	6	2	8
Cerebro-spinal Fever	31	19	50
Acute Poliomyelitis	-	1	1
Measles	744	903	1647
Pulmonary Tuberculosis	83	72	155
Other forms of Tuberculosis	34	23	57
Pneumonia	86	70	153
Chicken Pox	179	62	241
Whooping Cough	253	185	438
Malaria	-	2	2
Dysentery	11	3	14
Pemphigus	1	-	1
Encephalitis Lethargica	2	-	2
TOTALS	1711	1628	3339

TABLE IV.

1941.

CASES OF INFECTIOUS DISEASE NOTIFIED - URBAN DISTRICTS.

DISEASE.	Totals.	TOTAL CASES NOTIFIED IN EACH DISTRICT.								
		Beverley.	Bridlington.	Driffield.	Filey.	Malton- price.	Hedon.	Hornsea.	Norton.	With- ern- sea.
Scarlet Fever ..	164	40	12	14	23	38	2	17	6	12
Diphtheria	63	20	6	15	1	9	1	7	-	4
Enteric Fever ..	20	2	1	-	8	8	-	-	1	-
Puerperal Pyrexia	18	5	6	2	-	4	-	-	1	-
Erysipelas	16	4	6	2	-	4	-	-	-	-
Ophthalmia Neonatorum	6	2	2	1	1	-	-	-	-	-
Cerebro-spinal Fever	31	6	6	5	8	2	1	-	2	1
Pulmonary tuberculosis ..	83	24	13	4	1	24	3	3	2	9
Other forms of tuberculosis ..	34	9	5	1	4	12	1	-	1	1
Pneumonia	86	22	17	9	35	1	1	-	-	1
Chicken Pox	179	-	-	-	12	68	-	-	99	-
Whooping Cough ..	253	71	68	26	45	14	10	3	7	9
Dysentery	11	6	-	-	5	-	-	-	-	-
Measles	744	300	23	19	129	100	41	47	73	12
Pemphigus	1	1	-	-	-	-	-	-	-	-
Encephalitis lethargica	2	-	2	-	-	-	-	-	-	-
TOTALS	1711	612	167	98	272	284	60	77	192	49

TABLE V.
CASES OF INFECTIOUS DISEASE NOTIFIED.
RURAL DISTRICTS.

DISEASE.	Totals.	TOTAL CASES NOTIFIED IN EACH DISTRICT.							
		Beverley.	Bridlington.	Derwent.	Driffield.	Holderness.	Howden.	Norton.	Pocklington.
Scarlet Fever .	163	14	17	19	30	22	46	12	23
Diphtheria	71	23	7	11	2	14	9	3	2
Enteric Fever .	10	4	3	-	-	1	1	1	-
Puerperal									
Pyrexia	7	2	1	1	2	1	-	-	-
Erysipelas	15	2	1	1	1	6	4	-	-
Pulmonary									
Tuberculosis .	72	17	5	6	4	12	10	8	10
Other forms of									
Tuberculosis .	23	4	2	4	2	4	1	2	4
Pneumonia	70	10	10	5	4	21	15	1	4
Chicken Pox ...	62	1	1	4	54	1	-	1	-
Whooping Cough	185	30	19	7	34	37	46	18	1
Measles	903	183	73	82	8	210	119	98	91
Cerebro-spinal									
Fever	19	2	3	-	4	6	4	-	-
Acute Polio-									
myelitis	1	-	-	-	-	-	-	1	-
Ophthalmia									
Neonatorum ...	2	-	-	-	1	-	-	-	1
Malaria	2	1	-	-	-	-	1	-	-
Dysentery	3	1	-	1	-	1	-	-	-
 TOTALS ..	1628	294	142	141	146	368	256	145	136

TABLE VI.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1941, AND PREVIOUS
YEARS.

Year.	Estimated Population.	Live Births.		Net Deaths belonging to the District.			
		Number.	Rate.	Under 1 year of age.		At all ages.	
				Number.	Rate per 1,000 Live Births.	Number.	Rate.
1927	170,580	2888	16.9	167	5.7	2194	12.9
1928	174,460	2864	16.4	147	5.1	2057	11.8
1929	176,420	2830	16.0	165	5.8	2277	12.9
1930	168,400	2679	15.7	141	5.3	2004	11.7
1931	168,200	2635	15.7	159	6.0	2179	13.0
1932	170,250	2537	14.9	148	5.8	2086	12.3
1933	171,570	2489	14.5	142	5.7	2136	12.4
1934	174,350	2556	14.7	131	5.1	2058	11.8
1935	173,600	2475	14.3	129	5.2	2090	12.0
1936	177,440	2572	14.5	126	4.9	2206	12.4
1937	181,840	2658	14.6	140	5.3	2330	12.8
1938	184,630	2800	15.2	117	4.2	2119	11.5
1939	(a)188,180	2803	14.9	140	4.9	2267	11.8
	(b)192,390						
1940	194,530	2772	14.3	121	4.3	2456	12.6
1941	192,170	3037	15.8	156	5.0	2322	12.1

TABLE VII.

RAINFALL RETURNS, 1941.

Station.	Height of Rain Gauge above Sea Level.	Observer.	Total Rainfall.	Number of days on which one-tenth of an inch or more of rain fell.	Average rain- fall over a series of years.
Hempsholme	11 feet	Mr. F.J. Affleck	24.41	116 (in 11 months)	26.93 (10 years)
Osgolby	29 "	Mrs. W.V. Hescock	21.47	173	24.99 (6 years)
Withernsea	30 "	Mr. C.J.G. Ratcliffe		Discontinued owing to the War.	24.27 (3 years)
North Cave	35 "	Colonel W.H. Carver M.P.	25.05	170	26.41 (10 years)
Lowthorpe	63 "	Mr. F.K. Hawes	26.25	195	26.07 (10 years)
Rise	73 "	Mr. J. Alderman	25.34	120	27.22 (10 years)
Scampton	100 "	Mrs. St. Quintin	26.65	171	27.90 (10 years)
Dunnington	110 "	Miss E. Hildyard	20.61	191 (in 11 months)	27.26 (10 years)
Dalton Holme	150 "	Mr. D.F. Cullen	27.18	171	28.64 (10 years)
Beverley (E.R. Mental Hospital)	175 "	Medical Superintendent	24.80	160	27.65 (10 years)
Birdsall	304 "	Mr. J. Anderson	26.45	150	29.92 (10 years)

My thanks are due to the above named for their kindness
in sending me the monthly returns.