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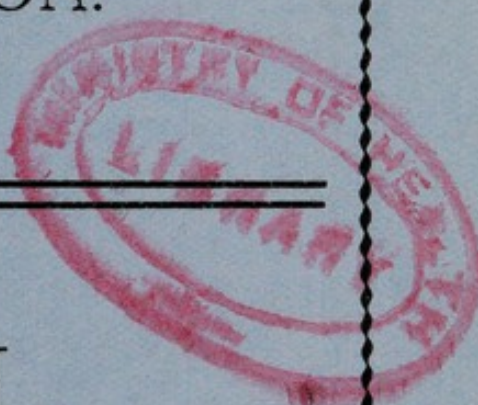
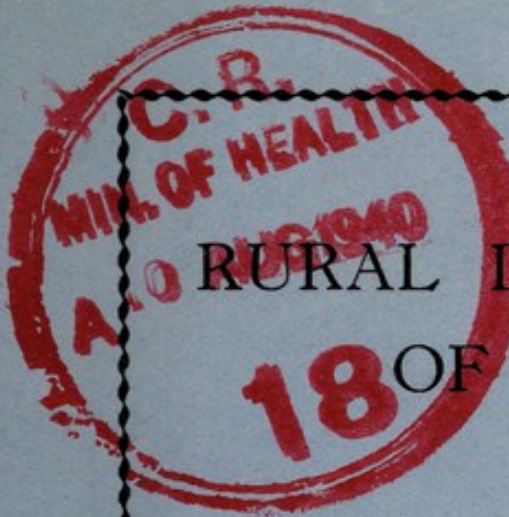
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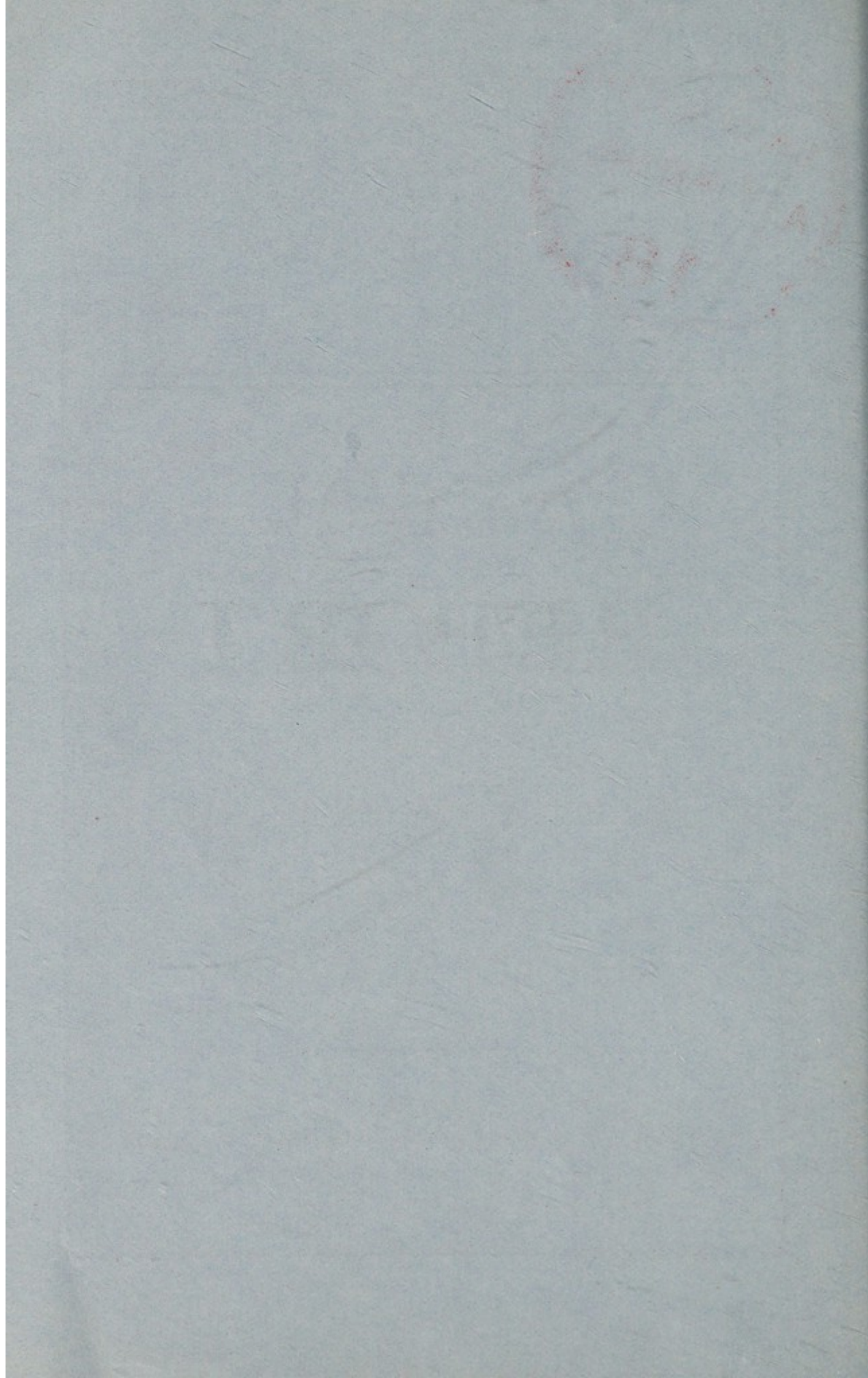
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RURAL DISTRICT COUNCIL
OF ULVERSTON.

ANNUAL REPORT

Of the
MEDICAL OFFICER OF
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RURAL DISTRICT OF ULVERSTON.

TOWN HALL,

ULVERSTON,

July, 1940.

TO THE CHAIRMAN AND MEMBERS OF THE RURAL DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to submit to you my Annual Report for the year 1939, and in doing so I am adhering to the suggestion of the Ministry that the Report should, as far as possible, be curtailed, and it is, thus, possible that many items, for which full particulars are not required, may be omitted.

INSPECTION OF THE DISTRICT.

In my last Report I mentioned that our late Chief Sanitary Inspector, Mr. Hudson, had been obliged, on account of health, to retire, and I expressed the hope that he might be spared for a few years to enjoy his rest. This hope was not fulfilled and he died in April. By his death I felt that I had lost a loyal colleague and a close personal friend.

I have been fortunate in obtaining as successors two able and energetic young men in Mr. Harrison, who takes the Southern part of the district, and Mr. Bolton who is responsible for the Northern Area. From the reports which they present to the Health Committee every month I think we can be satisfied that the district is kept under careful supervision, and a great deal of work is done upon their advice without resort to legal proceed-

ings. The outbreak of war has had a disturbing effect upon their work and has reduced their activities considerably, this does not, by any means, mean that they are idle, far from it, as they have been obliged to take up much work which is outside the scope of a Sanitary Inspector under normal conditions.

WATER SUPPLIES.

GENERALLY.—It may safely be said that with the exception of the Cartmel Area (that part which is supplied from the Grange reservoirs) the supplies generally maintained their efficiency, but with the outbreak of war, all hope of providing supplies in the districts sorely in need had, of necessity, to be abandoned.

ALDINGHAM (Roosebeck, Coast Road, and Newbiggin)—I had hoped to be able to report some progress towards the provision of a supply from the Barrow mains, now extended to our boundary, but I fear the consideration of this question must be postponed for the present, but the necessity is there, and should not be lost sight of as times become more normal.

CARTMEL.—I regret, very much, to have to say that the supply from Grange failed almost completely in the Autumn. From the 1st of November until the 24th the supply throughout the area was greatly restricted, and so accute was the shortage that the Council had to obtain the use of water carts for the conveyance of a supply to consumers, and pumps, which had been out of use for years, had to be re-opened.

I am aware that the undertakers, the Grange Council, are keenly alive to the necessity for prompt action, and I think it is realised that with the very great increase in consumption throughout the district, provision will have to be made for greater storage. It must be abundantly obvious that the consumption having increased, steps must be taken to provide for this, at any

rate we have had proof, far too often, that something drastic will have to be done to avoid anxiety and inconvenience, which has occurred in recent years.

With a view to providing an increased supply for the Flookburgh Camp, a new 4-inch main was laid from Ivy Cottage to Flookburgh Square.

COLTON (Oxenpark and Bandrake Head).—I am glad to be able to say that this scheme has been completed and quite a number of connections have been made. From all reports which I have received the action of the Council has been greatly appreciated by the inhabitants of the village.

BLAWITH, COLTON (Lakeside and Finsthwaite), HAWKSHEAD (Outgate) have for the present been postponed, but consideration must be resumed as soon as possible, as the necessity has for long been realised.

HAWKSHEAD.—The capacity of the storage reservoir for the township of Hawkshead, is now being doubled.

CLAIFE (Sawrey).—A new storage tank is being provided for Sawrey.

BOUTH.—The supply to this village is derived from two pumps, and I had hoped that it would have been possible to extend the supply which was in contemplation for the Lakeside District to this village. And I am not without hope that this will be done at no very remote date.

KIRKBY IRELETH (Kirkby and Beckside).—The villages in this district have, by agreement, received their water supply from the Barrow mains and up to the time that the booster was installed at Askam, the supply was quite satisfactory, but when the booster came into use, many houses in the village of Beckside

were deprived of their supply. To remedy this, a tank of 1,700 gallons capacity was erected, with satisfactory results, but with the increased use of the booster the pressure has been so much reduced as to affect the supply to the houses from the Commercial Inn to the Burlington Schools. It will be necessary that the Council should meet the Barrow-in-Furness Committee with a view to discussing the question for an improvement of the supply.

PENNINGTON.—In previous reports I have mentioned complaints of the unsatisfactory water supply to the village of Swarthmoor, especially the more recently erected dwellings on the west side of the main Ulverston and Barrow Road, and I am pleased to know that your Engineer has now in progress a scheme for the laying of a 9-inch main from the reservoir to Cross-a-Moor to connect with a 5-inch extension to Swarthmoor. With the completion of this work there should be a great improvement, not only in the village of Swarthmoor, but throughout Low Furness.

DRAINAGE AND SEWERAGE.

CONISTON.—The sectional scheme of sewerage and sewage disposal for that part of Coniston known as Haws Bank and Parkgate has been completed, and another section for houses near the Church bridge, is now in progress.

HIGHFIELD COTTAGES.—Since the year 1935 the question of the drainage of the cottages known as Highfield, in the Township of Urswick, has been under consideration, and the last report I have upon the subject is that nothing has been done, in spite of all the promises that have been given by the owners.

BACKBARROW AND BROWEDGE.—In my last Report I mentioned that, years ago, a scheme for the sewerage of this

part of the district had been considered by a sub-committee, but, so far, nothing has been done, and under existing circumstances it is too much to hope that any further progress will be made.

URSWICK.—We can have little hope now that any further consideration will be given to the sewerage of Much and Little Urrswick : it is regrettable but inevitable under existing conditions.

HOUSING.

In July, 1939, everything appeared to be in order for the commencement of the work of building houses at Coniston and Kirkby for the housing of the tenants who were to be displaced on account of the closure of houses in the Coniston and Kirkby schemes, and it is reasonable to assume that work would have commenced, almost immediately, had it not been for the intervention of the war. Now, we cannot but feel that the work of building must be held up indefinitely.

DAIRIES AND COWSHEDS.

The Monthly Reports of the Sanitary Inspectors show that considerable activity is shown in the re-modelling of old cowsheds and the provision of new ones, but there is no doubt that a great deal still needs to be done. Nevertheless, one cannot but realise that there is an increasing anxiety on the part of farmers to produce milk which shall be satisfactory in quality.

HOUSE REFUSE REMOVAL.

I have previously mentioned that, on account of the ever increasing cost of this work, the Council have been compelled to consider whether some efficient but less costly method of carrying out the work could not be adopted, but as the question is still under the consideration of the Council, it may be well to defer comment for the present.

EXTRACTS FROM VITAL STATISTICS.

BIRTHS.		Total.	Male.	Female.	Rate per 1000
Legitimate	..	185	98	87	
Illegitimate	..	4		4	11.2
TOTALS		189	98	91	

The births for the previous year numbered 200 and the birth-rate then was 11.9 per 1,000.

DISTRIBUTION OF BIRTHS.

	1st quarter		2nd quarter		3rd quarter		4th quarter		Total		Rate per 1000
	M	F	M	F	M	F	M	F	M	F	
Broughton West	6	7	15	7	1	10	4	3	26	27	13.16
Cartmel ..	8	5	1	2	10	7	8	8	27	22	9.42
Dalton ..	8	5	3	1	8	4	4	6	23	16	11.70
Ulverston ..	3	3	7	9	2	7	10	7	22	26	11.52
Totals	25	20	26	19	21	28	26	24	98	91	11.2

DEATHS.

In arriving at a correct estimate of the death-rate it is necessary to take from the deaths occurring in the district the number of non-residents who have died in the district, and add the deaths of residents who have died outside the district but have been transferred. Making this calculation, I find that the total number of persons who have died in the district has been 220, which equals a death-rate of 13.1 per 1,000. For the year 1938 there were 238 deaths, the rate per 1,000 being 14.2.

DISTRIBUTION OF DEATHS.

	1st quarter		2nd quarter		3rd quarter		4th quarter		Totals		Rate per 1000
	M	F	M	F	M	F	M	F	M	F	
Broughton West	6	9	5	10	6	4	13	6	30	29	14.65
Cartmel ..	13	10	5	9	6	7	10	6	34	32	12.31
Dalton ..	5	7	6	5	2	5	1	6	14	23	11.10
Ulverston ..	7	14	7	4	3	11	6	6	23	35	11.92
Totals	31	40	23	28	17	27	30	24	101	119	13.15

AGE PERIODS AT WHICH THE DEATHS OCCURRED:

				Male.	Female.	Total.
Under 1 year	..	..	..	7	5	12
Between 1 and 65	..	..	..	36	34	70
65 and Upwards	..	..	..	58	80	138
Totals				101	119	220

INFANTILE DEATHS.—To calculate the death-rate of infants before reaching the end of the first year of life, it is necessary to divide the deaths occurring at this age period by the number of births, and during the year under review it equals 63.4 per 1,000 births. For the year 1938, there were 14 Infantile Deaths, the rate per 1,000 births being then 70.0.

DISTRIBUTION OF THE INFANTILE DEATHS.

	Cartmel.		Broughton West.		Dalton Ulverston				Total	
	M	F	M	F	M	F	M	F	M	F
Pneumonia ..	1	1	..	..	..	..	..	..	1	1
Bronchitis ..	..	..	1	..	..	..	..	..	1	..
Premature Birth ..	..	1	..	..	..	1	2	..	2	2
Congenital Defects..	..	..	3	..	..	1	..	1	3	2
Totals	1	2	4	..	..	2	2	1	7	5
Rate per 1000 Births	61.2		75.4		51.1		62.9		63.4	

TUBERCULAR DISEASES.—Under the following tables we find the number of cases of Tubercular Diseases reported during the year has been 12 of Pulmonary Tuberculosis and 11 of Non-Pulmonary Tuberculosis and there have been 8 deaths from the various manifestations of the disease. The distribution throughout the district is as per table herewith.

			New Cases				Deaths			
			Pulmonary Tuberculosis.		Non-Pulmonary Tuberculosis.		Pulmonary Tuberculosis.		Non-Pulmonary Tuberculosis.	
			M	F	M	F	M	F	M	F
Cartmel ..	..	..	1		2	3	1	1		
Broughton West ..	..	..	2				1			
Dalton ..	..	..	1	3	1	2	1			
Ulverston..	..	..	2	3		3	1	2		1
Totals			6	6	3	8	4	3		1

AGE PERIODS OF NOTIFIED CASES AND DEATHS.

			NEW CASES				DEATHS			
Age—Periods			Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
Years.			M	F	M	F	M	F	M	F
0—1 ..	..	..	..	..	..	..	..	..	..	..
1—5 ..	..	..	..	..	1	..	..	..	..	..
5—10 ..	..	..	..	..	..	2	..	..	..	1
10—15 ..	..	..	..	..	..	2	..	..	..	..
15—20 ..	..	..	..	1	..	1	..	..	..	..
20—25 ..	..	..	2	3	1	..	..	..	..	..
25—35 ..	..	..	1	..	..	1	..	2	..	..
35—45 ..	..	..	..	..	..	2	..	..	..	..
45—55 ..	..	..	2	2	..	..	3	..	..	..
55—65 ..	..	..	..	..	1	..	1	..	..	..
65 and upwards	..	..	1	..	..	..	..	1	..	..
Totals ..			6	6	3	8	4	3	..	1
			12		11		7		1	

The death-rate from Tuberculosis is as follows :—Pulmonary Tuberculosis 0.43 per 1,000 ; from Non-Pulmonary Tuberculosis 0.60 per 1,000 ; and from all forms 0.48 per 1,000. For the Administrative County of Lancashire, from Pulmonary

Tuberculosis the death-rate was 0.42 per 1,000, and from Non-Pulmonary Tuberculosis 0.09 per 1,000.

The outlook, as regards the treatment of Tubercular Diseases becomes more favourable when treatment is undertaken early, and the treatment must be Institutional, as it is only by such means that strict rest in bed can be enforced, but no matter how efficiently treatment in a Sanatorium is conducted, the patient on discharge must return to a district where there is a well organised dispensary.

CANCER. DISTRIBUTION OF DEATHS.

			Male.	Female.	Total.	Rate per 1000
Broughton West	..	..	4	6	10	2.48
Cartmel	..	..	2	3	5	0.96
Dalton	..	..	2	6	8	2.40
Ulverston	..	..	6	3	9	2.60
Totals			14	18	32	1.90

ORGANS AFFECTED AND AGE PERIODS AT WHICH THE DISEASE HAS OCCURRED.

	15-25		25-35		35-45		45-55		55-65		65 up.		Total.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Rectum	2	3	2	3
Kidney	1	..	1
Stomach	1	3	2	1	3	4
Liver	1	..	..	..	3	..	4	..
Intestine	1	1	..	..	..	1	3	2	4
Uterus	1	..	1	..	2
Lungs	1	..	1
Prostate	2	..	2	..
Cheek	1	..	1
Neck	1	..	..	..	..	..	1
Bladder	1	..	1
Tibia	1	..	1	..
TOTALS	1	2	1	1	4	11	12	14	18

The death-rate per thousand from Cancer is much the same as I showed in my last Annual Report. In 1938 it was 1.86 per 1,000. This year it is 1.90 per 1,000. For the Administrative County of Lancashire the death-rate from this disease was 1.59 per 1,000. The rate for the whole of England and Wales was 1.63 per 1,000,

NOTIFICATION OF INFECTIOUS DISEASES. DISTRIBUTION OF THE CASES.

		Brough- ton West		Cartmel		Dalton		Ulvers- ton		Total	
		M	F	M	F	M	F	M	F	M	F
Scarlet Fever	..	..	..	3	3	1	3	..	4	4	10
Diphtheria	..	..	1	2	2	1	3	1	3	7	7
Erysipelas	..	..	1	..	1	1	..	2	..	4	1
Typhoid Fever	..	..	..	..	1	..	..	..	1	..	2
Puerperal Pyrexia	..	..	..	..	1	..	..	..	..	..	1
Pneumonia	..	..	4	..	2	3	1	..	..	7	3
Whooping Cough	..	..	2	9	7	..	..	3	3	12	12
Measles	..	..	2	..	1	..	..	..	..	..	3
Totals		6	6	17	18	5	4	6	11	34	39

AGE INCIDENCE OF NOTIFIABLE DISEASES.

Disease.	Total Cases	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-55	55-65	65up-wards	Cases Removed to Hospital	Deaths in Hospital
Scarlet Fever ..	14	1	1	..	1	1	3	6	1	..	2	1	..	..	6	..
Diphtheria ..	14	..	..	..	..	..	2	4	1	3	1	1	..	..	14	..
Erysipelas ..	5	..	..	1	..	..	..	..	..	..	2	..	1	..	..	..
Typhoid ..	2	..	..	..	..	..	..	..	..	1	..	1	..	..	2	1
Puerperal Pyrexia	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..
Pneumonia ..	10	..	1	..	..	..	13	..	..	2	..	..	3	4	2	..
Whooping Cough	24	2	1	4	2	2	..	..	..	..	..	..	1	..	..	..
Measles ..	3	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..
Totals	73	2	3	2	5	3	21	10	2	7	5	2	6	5	24	1

It will be noted from the above table that the district has been singularly free from any epidemic prevalence of Scarlet Fever, nor has there been any serious outbreak of Diphtheria, and there should be a still lessened prevalence of this disease would those who have the care of children avail themselves of the opportunity the Authority affords them of having their children immunised as a preventative. It does appear to be realised that immunisation, which is a simple procedure, affords almost certain immunity from attacks of diphtheria.

TYPHOID FEVER.—Two cases of Typhoid Fever have been notified. One case, a woman aged 47 was admitted to the Fever Hospital as a suspect, was discharged after a short detention, as it was concluded that the case was not one of Typhoid. The other case, was most unfortunate. A Probationer Nurse, employed at the Fever Hospital, contracted the disease in the discharge of her duties and died.

The Laboratory work of the Council is carried out at the Liverpool University Laboratory.

All sera are supplied to Medical Practitioners free.

I have again to express my gratitude to all my Colleagues for their valued co-operation and support.

I am, Gentlemen,

Yours obediently,

G. H. PATTERSON.

L.R.C.P. Lond., M.R.C.S. Eng., D.P.H. Lond.

Medical Officer of Health.

23rd July, 1940.

RURAL DISTRICT COUNCIL OF ULVERSTON.

REPORT OF SANITARY INSPECTORS FOR THE YEAR ENDING 31st DECEMBER, 1939.

	Southern Area.	Northern Area.
Complaints received	36	29
Houses and premises inspected	276	287
Informal notices served	82	78
Statutory notices served	77	—
Cases of over-crowding reported	—	—
Nuisances abated	36	39
Plans approved	49	25
New houses provided with W.C's.	41	14
Houses disinfected after infectious diseases	27	15
Cases of bedding destroyed	—	—
Privy accommodation provided	—	—
Water-closets substituted for privies	20	33
Ashpits or middensteads emptied	2290	1275
Removal of accumulations of refuse or other offensive matters	5	3
Drains trapped or repaired	—	—
Orders issued for protection or improvement of water supply	1	—
	lbs	lbs
Weight of Meat and Offal condemned—	6518	3315
Slaughter-houses registered	1	2
Slaughter-houses licensed	15	10
Slaughter-house inspections	520	560
No. of Bakehouses	6	6
Bakehouses inspected	6	6
Inspections under Factory and Workshops Act	10	2
No. of Dairy Farms	196	172
Approximate number of Cows	2746	2165
Dairies and Cowsheds inspections	340	163
No. of Dairy-men or Purveyors of Milk	3	—
No. on Register	3	—
Schools disinfected	—	—
No. of Ashbins substituted for fixed receptacles	45	79

J. HARRISON (Southern Area) } *Sanitary Inspectors.*
N. R. BOLTON (Northern Area) }



