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Contributors

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DARLINGTON RURAL DISTRICT COUNCIL.

REPORT

OF THE

Rural District Council

For the year ending December 31st, 1913.

ROBERT H. MEIKLE, M.B., C.M.,

Medical Officer of Health.

DARLINGTON RURAL DISTRICT.

Population estimated at last Census, 1911	...	10,914
Area of District in Acres	...	37,990

SUB-DISTRICTS, WITH POPULATION.

Cockerton	...	1,467
Haughton-le-Skerne	...	2,071
Heighington	...	2,397
Coniscliffe	...	1,276
Middleton-St.-George	...	1,854
Hurworth	...	1,849
		<u>10,914</u>

*To the Chairman and Members of the
Darlington Rural District Council.*

GENTLEMEN,

I have the honour to submit my Thirteenth Annual Report upon the Health and Sanitation of your District during the year ending December 31st, 1913.

I have taken my estimates from the census of 1911, viz.: 10,914, but since then the population is gradually increasing, although not accurately ascertained.

There are a few points which I may here briefly refer, although they are embodied in the body of the Report.

The death-rate for the year of deaths registered in the District is 166, giving an increase of 48 on the previous year.

The birth-rate for the year is 265, or a decrease of one on the previous year.

Seventy cases of Infectious Diseases have been notified during the year, showing the gratifying decrease of 71 cases on the previous year; 30 of them being "Tubercular Disease."

The Infant Mortality shows a decrease, Premature Birth and Debility being responsible for no less than 11 deaths.

The work in the Sanitary Department still increases each year, making greater demands on the time of the Sanitary Officials.

The Housing and Town Planning Act is now receiving every attention and the work is well advanced.

Your Council continues its gratuitous supply of Diphtheria Anti-toxic Serum, and is very much appreciated.

The examination of specimens at the Bacteriological Laboratory, Newcastle, is very much appreciated and taken advantage of.

Water Supplies, Sewage Disposal, Drainage, Dairies and Cow-sheds have received particular attention in the Sanitary considerations of the year.

The Notification of Births Act was adopted during the year.

BIRTHS.

During the year 265 births (126 males and 139 females) have been registered in your District, as against 266 (127 males and 139 females) in 1912. This gives an annual birth-rate of 24·2 per 1,000 persons, as compared with 24·3 per 1,000 persons in 1912. This shows a decrease of one on the previous year, and is

considerably below the average for the decade 1906-1912. The birth-rate of your District shows a tendency of diminution when compared with the increase of the population of the District.

DEATHS.

During the year 166 deaths (83 females and 83 males) were registered as actually occurring in your District, but to this number falls to be added 14 deaths, which although belonging to your District were registered without the District, and two deaths which were registered in your District are transferable to another District: on that the nett number of deaths to be added is 12.

The death-rate for the year of deaths registered within your District is 15·2 per 1,000, and the corrected death-rate of deaths belonging to your District is 16·3, as compared with 10·8 per 1,000 persons in 1912.

The deaths occurring in Institutions without your District are as follows:—

Workhouse Infirmary, Darlington	...	...	8
Borough Hospital, Darlington	...	...	2
Greenbank Hospital, Darlington	...	...	1
Fairfield Nursing Home, Darlington	...	...	1
County Lunatic Asylum, Sedgfield	...	...	1
Newport	...	...	1
Total			<u>14</u>

INFANT MORTALITY.

During the year 26 deaths occurred under the age of one year, as against 29 in 1912, showing a decrease of 3. This is very gratifying and is the lowest death-rate under one year of age recorded. Of the 26 deaths no fewer than 13 are due to Premature Birth, Debility, and Congenital Malformations, so had no chance of life from the start.

The above figures give an annual death-rate of 2·3 per 1,000 persons, or a mortality of 98·1 per 1,000 births registered, as compared with 2·6 per 1,000 persons and 109·0 per 1,000 births registered in 1912.

The proportion of infantile to all other deaths is considerably decreased and is below the average for the decade 1903-1912. The following table shows the deaths under one year since the year 1903.

Deaths occurring under one year since 1903:—

In 1903	...	...	...	53 deaths
„ 1904	...	...	...	35 „
„ 1905	...	...	...	30 „

In 1906	...	...	...	36 deaths
„ 1907	...	...	...	28 „
„ 1908	...	...	...	28 „
„ 1909	...	...	...	28 „
„ 1910	...	...	...	30 „
„ 1911	...	...	...	35 „
„ 1912	...	...	...	29 „
„ 1913	...	...	...	26 „

Giving an average of 32 deaths for the last eleven years.

Of the 26 deaths registered, 13 were under one week old and 3 under one month old.

The deaths under one year occurred in the following Sub-Districts and compared with the preceding year:—

		1913	1912
Cockerton	...	3 deaths	3 deaths
Haughton-le-Skerne	...	5 „	5 „
Heighington	...	4 „	7 „
Coniscliffe	...	6 „	2 „
Middleton-St.-George	...	3 „	7 „
Hurworth	...	5 „	5 „
Totals	...	<u>26 deaths</u>	<u>29 deaths</u>

The adoption of the Notification of Births Act and the appointment of Health Visitors for the County Council for the whole County of Durham, no doubt, will tend to make this reduction of infantile deaths permanent, and I find that their visits are welcomed, their advice eagerly sought after, and practically acts on with good and, I hope, permanent improvement.

The following table shows the ages at which death occurred under one year:—

		1913	1912
Under one week	...	13 deaths	6 deaths
„ two weeks	...	1 „	2 „
„ three week	...	0 „	3 „
„ four weehs	...	3 „	2 „
„ three months	...	1 „	3 „
„ six months	...	2 „	4 „
„ nine months	...	4 „	3 „
„ twelve months	...	2 „	6 „
Totals	...	<u>26 deaths</u>	<u>29 deaths</u>

The following table shows the ages at which death occurred at all ages within your District:—

Under one year	...	...	26 deaths
1—5 years	...	...	5 „
5—15 years	...	...	1 „
15—25 years	...	...	5 „
25—65 years	...	...	48 „
65 and upwards	...	...	81 „
Total			166 deaths

Ages of those, although occurring without your District, belonging to it:—

Under one year	...	...	No deaths
1—5 years	...	...	2 „
5—15 years	...	...	No „
15—25 years	...	...	1 „
25—65 years	...	...	6 „
65 and upwards	...	...	5 „
Total			14 deaths

During the year 3 deaths were uncertified, and 5 certified by a Coroner after inquest, as compared with 2 uncertified and 3 by a Coroner after inquest in 1912.

Heart Disease is responsible for 15 deaths, giving a death-rate of 1·3 per 1,000 persons, as compared with 9 deaths and a death-rate of ·9 per 1,000 persons in 1912.

Cancer caused 15 deaths, giving a death-rate of 1·3 per 1,000 persons, as compared with 7 deaths and a death-rate of ·6 per 1,000 persons in 1912.

Zymotic Diseases.—The principal Zymotic diseases caused 5 deaths, giving a death-rate of ·4 per 1,000 persons, as compared with 10 deaths and a death-rate of ·9 per 1,000 persons in 1912. Of the 5 deaths, 2 were due to Diarrhœa, 2 to Diphtheria, and 1 to Measles.

The distribution of deaths in point of seasons was as follows, compared with the previous year:—

	1913		1912			1913		1912	
January	...	19	...	13	July	...	7	...	6
February	...	17	...	6	August	...	20	...	4
March	...	19	...	10	September	...	14	...	10
April	...	7	...	20	October	...	14	...	12
May	...	18	...	12	November	...	9	...	10
June	...	7	...	10	December	...	15	...	5
Totals	...	<u>87</u>	...	<u>71</u>		...	<u>79</u>	...	<u>47</u>

29 persons died above the age of 80 years, the oldest registered being 90 years and the youngest 30 minutes.

INFECTIOUS DISEASES.

During the year ending December 31st, 1913, 70 cases of infectious diseases were notified, being a decrease of 71 cases compared with the year 1912. The decrease is due, in a great measure, to the great reduction in the number of Scarlet Fever cases, no less than 98 being notified in 1912, and where cases occurred in the more congested areas, they were promptly removed to the Hospital.

I find there is a growing popularity for Hospital treatment, which is evidence that the parents themselves realise the value of such "isolation" and treatment.

19 cases of infectious diseases were removed to the Darlington Corporation Fever Hospital, as against 20 in the previous year; they were as follows:—Scarlet Fever 8, and Diphtheria 11.

The following is a summary of the cases notified:—

Scarlet Fever	18	Diphtheria	13
Erysipelas	6	Enteric Fever	3
Pulmonary Tuberculosis	23	Other Tubercular Diseases	7
		Total	<u>70</u>

They were notified from the following Districts:—

SCARLET FEVER, 18 cases.

Cockerton	2	Neasham	1
Harrowgate Hill	7	Blackwell	1
Middleton-St.-George	5	Haughton-le-Skerne	2
		Total —	18

ERYSIPELAS, 6 cases.

Sadberge	1	Haughton-le-Skerne	1
Middleton-St.-George	3	Redworth	1
		Total —	6

DIPHTHERIA, 13 cases.

Haughton-le-Skerne	2	Middleton-St.-George	7
Blackwell	1	Cockerton	3
		Total —	13

ENTERIC FEVER, 3 cases.

Blackwell	1	Hurworth	1
Haughton-le-Skerne	1	Total —	3

PULMONARY TUBERCULOSIS, 23 cases.

Middleton-St.-George	6	Summerhouse	...	1
Hurworth	...	Harrowgate Hill	...	1
Haughton-le-Skerne	2	Heighington	...	1
Redworth	...	Neasham	...	1
Drinkfield	...	Dinsdale	...	1
Aycliffe	...	Cockerton	...	1
Morton Palms	1	Total	—	23

OTHER TUBERCULOSIS DISEASES, 7 cases.

Middleton-St.-George	2	Aycliffe	...	1
Hurworth	...	Blackwell	...	1
Redworth	...	Brussleton Houses	...	1
		Total	—	7

PULMONARY TUBERCULOSIS.

Pulmonary Tuberculosis caused 19 deaths, giving a death-rate of 1·7 per 1,000 persons, as against 8 deaths and a death-rate of ·7 per 1,000 persons in 1912.

Other Tuberculous diseases account for 2 deaths, giving a death-rate of ·1 per 1,000 persons, as compared with 1 death and a death-rate of ·09 per 1,000 persons in 1912.

Tuberculous Disease in some form claims 21 deaths, as against 9 deaths in 1912, showing a decided increase on the previous year, but the same as in 1911.

Under the Notification Tuberculosis Act, of the 30 cases notified 11 were males and 19 females: one between the ages of 1—5 years, five between 5—15, six between 15—25, thirteen between 25—45, three between 45—65, and two above 65.

Thirteen deaths occurred between the ages of 25 and 45 years from Pulmonary Tuberculosis.

Aycliffe, Great.—The house on which a closing order was made in the previous year has been made fit for human habitation, and the closing order determined. Two cases of Tuberculosis were notified in this township. A great improvement in this village is the laying of a tar-macadam road throughout the whole length of the street; and during the dry, hot summer, the dust question was a grumble of the past.

Blackwell.—1 case of Scarlet Fever, 1 Diphtheria, 1 Enteric, and one of Tuberculosis were notified in this township. The case of Scarlet Fever was a child, who had the day previous come from Darlington to some relations at Blackwell Mill. The case of Enteric Fever occurred at Snipe Farm and was the second case

notified from that place. This farm has had extensive sanitary improvements done to it, including a new water supply from the Darlington Corporation Main (the previous supply was from a seriously polluted well), new drainage and structural alterations. A new tenant being now in occupation, who is a milkseller, a new cowshed has been erected. The Diphtheria case was a child who died soon after admission to the Hospital. Closing orders were made on 4 houses at Blackbanks in this parish and have been demolished voluntarily. Plans are in preparation for new houses to take the place of these cottages.

Great Burdon.—Nothing has yet been done in the way of resewering this village. The reason of the delay is due to the fact that water has not been connected to houses. It is thought desirable to wait until the village has a good supply of water under pressure, so that water is available for water closets, also the surface traps can be placed to suit the position of the taps.

Cockerton.—2 cases of Scarlet Fever, 3 of Diphtheria, and 1 of Tuberculosis, were notified in the village. All the Scarlet Fever and Diphtheria cases were speedily removed to the Hospital for isolation. Complaint was made by the Parish Council of the pollution of a small stell from Favordale. The pollution was remedied by the tanks being thoroughly cleaned and new filtering material placed in the tanks. The drainage of Cockerton Schools has been entirely remodelled. The old drainage system was constantly blocking up through faulty construction.

Haughton-le-Skerne.—2 cases of Scarlet Fever, 1 Diphtheria, 1 Enteric, 1 Erysipelas, and 2 of Tuberculosis were notified in Haughton-le-Skerne, and 7 cases of Scarlet Fever and 1 of Tuberculosis were notified in the Harrowgate Hill Estate portion of the district. The case of Enteric Fever was notified from a house which had a large open ashpit at the rear, which served 3 houses. The owner is negotiating for some land to form a back street at the rear and intends converting the ashmidden and privies into water closets. The Diphtheria case was a child who was removed from the Borough of Darlington a day or two previous to notification. One case of overcrowding was met with in the village and was abated. A sample of water taken from a pump serving 5 houses at Haughton Mill was found to be polluted. The owner is arranging to connect to the Darlington Corporation Main. It is also intended to convert the insanitary privies and middens into ashclosets. On the advice of the Inspector of Nuisances the owner of 2 cottages, which were in a dilapidated condition, pulled the houses to the ground and has built 4 good workman's dwellings on the site.

Heighington.—Only one case of infectious disease, and that Tuberculosis, was notified in Heighington. To drain a portion of the village below the schoolyard an extension has been made to the sewer draining the South-East corner. The owner of the houses intends remodelling the same, and a great improvement will be made. Sanitary improvements have been made to 7 houses in Station Road, which were inspected under the Housing and Town Planning Act. A closing order has been made on a house in the South-West corner of the village. The graveyard in this village is seriously overcrowded, and beyond the fact of the desecration and the unseemly sights which one witnesses in the opening of old graves, etc., I consider it a menace to the "Public Health," and I would suggest that a new burial ground should be secured under the "Burial Board" at an early opportunity.

Houghton-le-Side.—The house at Leggs Cross on which a closing order was made has been partly demolished and rebuilt.

Hurworth.—1 case of Enteric Fever and 5 cases of Tuberculosis were notified from this place. The case of Enteric Fever was notified from an isolated house. The occupier was a milkseller, buying all his milk from other sources, and delivering it into the Borough of Darlington. The milk supply was stopped from entering the house and was taken into Darlington and there dealt with by another member of the family, who kept away from the house. Another closing order was made on a house in Hopper's Yard, Hurworth. This makes 3 in this yard dealt with under the Housing and Town Planning Act. The three houses were sold and demolished, and a new house is in course of construction on the site of the three houses. A closing order made on a house in East Terrace has been determined, the owner practically gutting the house and rebuilding it. Notices have been served on the owners of 22 houses in Hurworth Place to convert insanitary ashmiddens and privies and ashclosets into water closets. Ten have been converted, and in the other cases the owners have expressed their willingness to comply with the notices.

Middleton-St.-George.—5 cases of Scarlet Fever, 3 Erysipelas, 7 Diphtheria, and 8 cases of Tuberculosis were notified in this District. The nuisance from the small runner polluted by drainage from 2 houses at the rear of the Devenport Hotel has been abated by the conversion of the sewage into the main sewer. The 2 houses at Oak Tree, on which closing orders were made, are now being rebuilt. 2 cases of overcrowding were dealt with in this village. The back streets in Middleton-St.-George and Middleton-one-Row are still unmade. I strongly recommend the Council to have these streets made up and regularly scavenged.

Neasham.—1 case of Scarlet Fever and 1 of Tuberculosis were notified in this village. The Scarlet Fever case was a young woman who had been in service in the Richmond district, and was notified as suffering from Scarlet Fever the day after her arrival in the village. The Tees Valley Water Board's Main is now laid through the village, and with the exception of 5 houses, all are connected to the main. The polluted public well is closed. All the houses inspected under the Housing and Town Planning Act have been dealt with. A great improvement has been made to 4 houses in the village by the heightening of the rooms, new ash-closets and drainage. The drainage to the Schools is very unsatisfactory and will be dealt with.

Redworth.—1 case of Diphtheria and 1 of Tuberculosis were notified at Brusselton Houses in this township. The Diphtheria case was a child from Sunderland, staying at the house on holiday. A ruinous and dilapidated house in the village of Redworth was pulled down after notice. Closing orders have been made on 3 houses at Royal Oak in this township.

Walworth.—A closing order was made on a house at Walworth Gate, which has been demolished. Notices were served in regard to 2 other houses at this place, inspected under the Housing and Town Planning Act, and were obeyed. The improvements consisted of structural repairs, water supply, drainage and closet accommodation.

Whessoe.—2 cases of Tuberculosis were notified in Whessoe. One house at Harrowgate Village has been closed voluntarily by the owner. The question of the Stell from the Harrowgate Hill Estate Filter Beds to the North Eastern Railway Bridge has at last been settled by the owners and the Council bearing an equal cost of cleaning out the stell. Most of the houses in Harrowgate Village have been redrained and connected into the new sewerage system.

SEWERAGE WORKS.

Plans are ready for the resewering of Great Burdon Village, but the work is delayed until the question of a water supply is dealt with.

An extension to a branch sewer at Heighington has been made to enable some property, at present with inadequate drainage, to be properly drained. As reported in my previous year's report, the next step in Heighington Village, before the resewering can become general, is the provision of proper purification plant.

At Hurworth Place the sewer round the Comet Hotel is almost blocked, and plans are being prepared for the relaying.

A new sewer has been laid in front of the Old and New Rows, Middleton-St.-George, and the old sewer which was previously a combined sewer and road water drain, is now utilized solely as a road water drain, so relieving the Sewage Disposal Works of a great quantity of road water.

SEWAGE DISPOSAL.

Generally, little complaint can be made of the sewage disposal in the district, the places needing attention are Heighington and Brusselton Houses.

The pumping plant at Whessoe is now installed and the sewage treated on the Harrowgate Hill Estate Sewage Works.

At Sadberge the Council have leased from the owner 2 acres of land for 10 years at a very reasonable rent. The sewage can now be disposed on the land to the best advantage.

WATER SUPPLIES.

At Great Burdon it was expected that the village would now be receiving a supply of water from the Tees Valley Water Board's Main. The delay is due to the main not being connected up across the River Skerne at Burdon Bridge. A proposal has been made to the Board, that a valve be put in at the village side of the bridge and the water brought back over from Sadberge Reservoir. It is hoped that the Board will see their way to carry this into effect as the existing water supply is very unsatisfactory.

The Village of Neasham is now supplied from the Tees Valley Water Board's Main, and the people are feeling the benefit of having the water within a convenient distance of the house.

Although the supply from the public wells at High and Low Coniscliffe is satisfactory, the distance from the wells to some of the houses is considerable, and as the water main in the case of High Coniscliffe passes through the village and in the case of Low Coniscliffe within a short distance of the village, the Council should require water to be laid into the houses or within a reasonable distance.

At Heighington the supply of water is of exceptionally good quality, and the village is supplied from wells at a high level above the village, from which it is brought by a piped service to a pant in the centre of the Green. The position of the wells regarding level, being advantageous to a supply being taken with a good pressure to almost any part of the village, I think a proper service should be put in with standpipes at convenient places, and where desired the supply could be laid into the houses.

The analysis of the Aycliffe water shows it to be of good quality. The public water supply in the other villages in your district continues to be plentiful and wholesome.

SCAVENGING.

Where public scavenging has been adopted in your district, the work has been well performed and few complaints have been received from householders. The benefit of public scavenging is so apparent where it is adopted that I strongly recommend it for all the larger villages in the district.

DAIRIES AND COWSHEDS.

The Dairies and Cowsheds in your district have been inspected and a great improvement is noticed in the cleanliness of the cowsheds and their surroundings. Many cowsheds have been structurally altered and improved and water supply laid into them from the mains.

CLOSURE OF SCHOOLS.

Neasham C.E. Schools were closed for measles from November 17th to December 19th inclusive.

The following is a Summary of Work done by your Inspector of Nuisances during the year :—

1. Public Health Acts.

				Number of Informal written Notices by Inspector.	Number of Formal Notices by order of Authority.	Number of Nuisances abated after Notice.
Dwelling-houses and Schools	Foul Conditions	...	...	1	—	1
	Structural Defects	...	...	4	11	8
	Overcrowding	...	...	3	—	3
Dairies and Milkshops	...	...	...	7	—	5
Cowsheds	...	...	...	10	3	8
Slaughter-houses	...	...	...	2	—	2
Ashpits and Privies	...	...	...	62	3	47
Deposits of Refuse and Manure	...	...	...	7	—	7
Waterclosets	...	...	...	14	4	12
Defective Yard Paving	...	...	...	42	5	39
House Drainage	Defective Traps	...	...	4	—	4
	No Disconnection from Sewers	...	...	7	1	7
	Other Faults	...	...	41	3	36
Water Supply	...	...	...	114	28	98
Pigsties	...	...	...	2	—	2
Animals Improperly Kept	...	...	...	1	—	1
Totals				321	58	280

II. Water, Food, and Drugs.

	Number.	Remarks.
Samples of Water taken for Analysis ...	11	{ Principally taken from the Village of Neasham.
Samples of Water condemned as unfit for use	10	

III. Precautions against Infectious Disease.

	Number.
Lots of Infectious Bedding stoved or destroyed ...	19
Houses disinfected after Infectious Disease ...	73
Schools disinfected after Infectious Disease ...	1

IV. General.

Number of New Houses erected during the year ...	12
Number of such Houses occupied during the year ...	12
Ashpit-privies converted into Ash-closets ...	14
Ashpit-privies converted into Water-closets ...	10
Ash-closets converted into Water-closets ...	3
Total number of Water-closets in District ...	415
Total number of Ash-closets in District ...	437
Total number of Ashpit-privies in District ...	1480

Plans for the following were submitted and approved during the year 1913:—

Dwelling Houses	22
Alterations to Dwelling Houses	17
Farm Buildings	4
Estate Plans	2
Slaughter Houses	1

HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910.

During the year 76 houses have been inspected under these Regulations, principally in the district of Middleton-St.-George, which district is the largest populated in the Rural Area. The chief works are: Smelting Works, Wire Mills, and Rolling Mills. The houses generally in this neighbourhood are of a good class. The Smelting Works own a great many houses, which are well attended to. Some of the houses owned by them are of recent construction and comprise kitchen, sitting room and three bedrooms. The other houses owned by the Company, though not built in recent date, are structurally of first-class order and comprise kitchen, scullery and three bedrooms. A great many other houses in Middleton-St.-George are of recent construction. As good rents can be commanded, there is no lack of private enterprise in the building trade.

The next two villages in point of population are Cockerton and Haughton-le-Skerne, and, being adjacent to the Borough of Darlington, a great many of the people find occupation in the Borough.

In Cockerton 2 Estate Plans have been approved, and there is no doubt many houses will be built in the neighbourhood to house the men employed at the new North Eastern Railway Works. Also in Haughton-le-Skerne there is no dearth of houses, private enterprise meeting all needs.

The other villages in your District are mainly dependent on agriculture. Very little building is being done in them, and the population is practically at a standstill; in fact, in some villages such as Archdeacon Newton, Aycliffe Great, Barmpton, Coatham Mundeville, Denton, Killerby, Neasham, Sockburn, and Whessoe there is a decrease in the population, comparing the census of 1911 with the census of 1901.

On the whole the housing conditions of the Darlington Rural District are very fair.

Number of Dwellings found on Inspection to be			
unfit for human habitation	...	...	9
Number of Closing Orders made	...	...	9
Number of Dwellings made fit for human			
habitation	...	...	—
Number of Dwellings demolished	...	...	8

OVERCROWDING.

3 cases of overcrowding were met with during the year, and were abated after serving notices.

The number of Workshops on the Register still remains at 44 and the appended table shows that the work has been regularly carried out, and where it was necessary to serve notices for defects in sanitary arrangements they were complied with.

The general work of the Food and Drugs' Act has been carried out by the County Council.

The work in the Health Department has increased year by year, and I take this opportunity of expressing my indebtedness to the Council and its Officers for their ready and kind support in the discharge of my duties during the year, and to Mr. Pallister for his ready co-operation in anything that pertains to the sanitary efficiency of the District. His courteous and tactful manner in dealing with cases has in many instances avoided serving notices and created a kindly and amicable feeling towards the members of the Council.

I remain, Gentlemen,

Your obedient servant,

ROBERT H. MEIKLE,

Medical Officer of Health.

TABLE I.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1913 AND PREVIOUS YEARS.

YEAR.	Population estimated to middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.		Number.	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.		Number.	Rate.
1908	9551		294	30.7	134	13.9		11	28	95.3	134	13.9
1909	9591		269	28.0	126	13.1		12	28	104.0	126	13.1
1910	9591		274	28.5	134	13.9		16	30	109.4	134	13.9
1911	10914		257	23.5	176	16.1		2	35	136.1	176	16.3
1912	10914		266	24.3	118	10.8		9	29	109.0	127	11.6
1913	10914		265	24.2	166	15.2	2	14	26	98.1	178	16.3

Area of District in acres (land and inland water) 37,990.

Total population at all ages ... 10,914 } At
 Number of inhabited houses ... 2,467 } Census of
 Average number of persons per house 4 } 1911.

TABLE II.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1913.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.								TOTAL CASES NOTIFIED IN EACH LOCALITY.						TOTAL CASES REMOVED TO HOSPITAL.
	At all Ages.	Under 1 year.	1 to 5 Years.	5 to 15 Years.	15 to 25 Years.	25 to 45 Years.	45 to 65 Years.	65 years and upwards.	COCKERTON.	HAUGHTON-LE-SKEERNE.	HEIGHINGTON.	CONISCLIFFE.	MIDDLETON-ST.-GEORGE.	HURWORTH.	
Diphtheria ... (including Membranous Group).	13	2	9	2	...	...	...	...	3	2	...	1	7	..	11
Erysipelas ...	6	...	..	..	1	5	...	...	...	2	1	...	3	...	..
Scarlet fever ...	18	.	3	12	3	...	...	...	9	2	...	1	5	1	8
Enteric fever ...	3	...	...	.	2	1	...	...	...	1	.	1	..	1	...
Pulmonary Tuberculosis ...	23	...	..	1	5	8	7	2	1	5	3	1	8	5	...
Other forms of Tuberculosis ...	7	1	4	1	...	1	...	...	..	...	..	...	...	...	...
	...	...	...	..	.	...	...	..	.	..	3	1	2	1	...
Totals...	70	3	16	16	11	15	7	2	13	12	7	5	25	8	19

Isolation Hospital .. Borough Hospital, Darlington.

TABLE III.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1913.

CAUSES OF DEATH.			DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.								
			All ages.	Under 1.	1 and under 2.	2 and under 3.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
All causes	(Certified Uncertified)	.. ..	174 4	.. 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. 2	.. 1
Measles	..	..	1	..	1	..	..	..	..	..	..
Diphtheria and Croup	..	..	2	1	..	1	..	..	..	..	..
Influenza	..	..	2	..	..	..	..	..	1	1	..
Erysipelas	..	..	1	..	..	..	..	..	..	1	..
Phthisis (Pulmonary Tuberculosis)	..	..	19	..	..	..	..	5	13	1	..
Tuberculous Meningitis	..	..	1	1	..	..	..	..	..	..	..
Other Tuberculous Diseases	..	..	1	1	..	..	..	..	..	..	..
Cancer, malignant disease	..	..	15	..	..	..	..	..	1	5	9
Rheumatic Fever	..	..	2	..	..	..	..	..	2	..	..
Organic Heart Disease	..	..	15	..	..	..	..	..	1	3	11
Bronchitis	..	..	9	4	..	..	..	..	..	2	3
Pneumonia (all forms)	..	..	11	1	1	..	..	..	2	6	1
Other diseases of Respiratory organs	..	..	1	..	..	..	..	..	..	..	1
Diarrhoea and Enteritis	..	..	2	2	..	..	..	..	..	..	..
Nephritis and Bright's Disease	..	..	2	..	..	..	..	..	..	..	2
Other accidents and diseases of Pregnancy and Parturition	..	..	2	..	..	..	..	..	2	..	..
Congenital Debility and Malformation, including Premature Birth	..	..	15	15	..	..	..	..	..	..	..
Violent Deaths, excluding Suicide	..	..	3	1	..	..	..	..	..	..	2
Suicides	..	..	4	..	..	..	..	1	2	..	1
Other Defined Diseases	..	..	68	..	..	..	1	..	4	14	49
Diseases, ill-defined or unknown	..	..	2	2	..	..	..	..	..	..	..
Totals	..	..	178	28	2	1	1	6	28	33	79

TABLE IV.—INFANT MORTALITY DURING THE YEAR 1913.

Deaths from Stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.										Total Deaths under One Year.
Under 1 Week	1 - 2 Weeks	2 - 3 Weeks	3 - 4 Weeks	Total under 1 Month	1 - 3 Months	3 - 6 Months	6 - 9 Months	9 - 12 Months		
ALL CAUSES—Certified ..	..	..	..	..	..	..	..	..	..
Uncertified ..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis ..	..	..	..	..	..	..	1	..	1
Abdominal Tuberculosis ..	..	..	..	..	..	..	1	..	1
Convulsions ..	1	..	..	..	..	..	..	1	2
Bronchitis ..	..	..	1	1	..	1	1	1	4
Pneumonia (all forms) ..	..	..	1	1	..	..	..	..	1
Diarrhœa ..	..	..	1	1	..	..	..	..	1
Enteritis ..	..	..	..	..	1	..	..	..	1
Congenital Malformations ..	1	..	..	2	..	..	..	..	1
Premature Birth ..	5	..	..	5	..	..	..	..	2
Atrophy, Debility and Marasmus ..	6	..	..	6	..	1	1	..	5
Other Causes ..	..	..	..	..	..	..	..	..	8
Totals ..	13	1	..	3	17	1	2	4	26	

BIRTHS IN THE YEAR } Legitimate .. 260
 { Illegitimate .. 5

DEATHS IN THE YEAR OF } Legitimate Infants .. 24
 { Illegitimate Infants .. 2

FACTORIES, WORKSHOPS, WORKPLACES & HOMEWORK.

1.—INSPECTION OF FACTORIES, WORKSHOPS & WORKPLACES.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

PREMISES. (1)	Number of	
	Inspections. (2)	Written Notices. (3)
WORKSHOPS (Including Workshop Laundries)	31	3
Total	31	3

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS & WORKPLACES.

PARTICULARS. (1)	Number of Defects.	
	Found. (2)	Remedied. (3)
<i>Nuisances under the Public Health Acts :—</i>		
Want of cleanliness	1	1
Want of ventilation	2	2
Other nuisances .. .. .	..	..
Total	3	3

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year. (1)		Number. (2)
Important classes of workshops, such as work- shop bakehouses may be enum- erated here.	Workshops	44
	Total number of workshops on Register ..	44

Death-Rate and Infant Mortality-Rate for each Parish, 1913.

Parish	Total Deaths	Infant Mortality	Population	Death-rate per 1000	Death-rate from Zymotic Disease	Infant Mortality Death-rate
Cockerton ..	19	3	1099	17.1	...	2.7
Haughton-le-Skerne	12	1	1349	8.8	1.4	.7
Archdeacon Newton	1	...	48	20.8	...	...
Aycliffe, Great ..	11	1	750	14.6	...	1.3
Barmpton ...	3	1	87	34.3	...	11.4
Blackwell ...	8	2	405	18.5	...	4.9
Brafferton ..	1	...	144	6.9	...	...
Burdon, Great ...	1	...	94	10.6	...	...
Coatham Mundeville	...	...	129	...	...	...
Coniscliffe, High ...	1	...	312	3.2	...	...
Coniscliffe, Low ..	2	...	149	13.4	...	...
Denton ...	2	1	96	20.8	...	10.4
Dinsdale, Low ..	5	1	252	19.8	...	3.9
Heighington ..	12	...	658	18.9	...	...
Houghton-le-Side ..	4	...	82	48.6	...	...
Hurworth ..	24	4	1452	16.5	0.6	2.7
Killerby ...	1	1	70	14.2	...	14.2
Middleton-St.-George	31	2	1531	20.2	1.3	1.3
Morton Palms ...	2	..	71	28.1	...	...
Neasham ...	4	...	336	11.8	...	...
Piercebridge ...	3	2	209	14.3	...	9.5
Redworth ..	5	2	451	11.0	...	4.4
Sadberge ..	7	3	412	16.9	..	7.2
School Aycliffe ...	..	...	21	...	...	...
Sockburn ...	1	1	61	16.3	...	16.3
Summerhouse ...	2	1	131	15.2	...	7.6
Walworth ..	1	..	147	6.8	...	...
Whessoe ...	3	...	368	8.1	...	...
Totals	166	26	10914	15.2	.4	2.3