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Contributors

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THE THIRTEENTH

Annual Report

TO THE

BEDLINGTONSHIRE

Urban District Council,

FOR THE YEAR 1913,

BY


ROBERT S. TROTTER,

Medical Officer of Health.

Printed by Order of the Urban District Council.

BEDLINGTON :—
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—
1914.



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TO THE CHAIRMAN AND MEMBERS
OF THE
Bedlingtonshire Urban District Council.

MR. CHAIRMAN AND GENTLEMEN,

I beg to submit my Thirteenth Annual Report upon the Health and Sanitary Condition of your District for the year 1913.

ESTIMATED POPULATION.

The population to mid-year is estimated at 26,300.

BIRTH RATE.

The number of births registered in the district during the year was—Boys 418, Girls 406—total 824. In addition there were 2 Inward Male and 2 Inward Female transfers (Registrar General's figures), making the total number of births creditable to the district 828. Upon the estimated population this gives a birth rate of 31·5 per 1000.

DEATH RATE.

328 deaths were registered in the district during the year, 177 of these being males and 151 females. From the Registrar General's figures 3 Outward and 22 Inward transfers are credited and debited to the shire, making the total net deaths 347, which gives a death rate of 13·2 per 1000. The death rate of those registered in the district works out at 12·3 per 1000.

CORRECTED DEATH RATE, *i.e.* the rate corrected for difference of sex and age constitution is arrived at by multiplying the death rate by the factor 1·0160 and the rate thus works out at 13·4.

I am not at all satisfied with the Outward transfers, as it seems to me that at least 3 more deaths occurring in the district of people not belonging to it should not have been put down in our figures. The whole position of transferable deaths is unsatisfactory in districts such as ours where there is a certain proportion of the population migratory.

INFANT MORTALITY.

The deaths of 95 infants were registered in the district during the year, and 1 infant belonging to the district were registered as having died outside the area; the Infantile Mortality Rate works out this year at 115 per 1000 births, a figure somewhat higher than it should have been.

SUMMARY OF BIRTHS FOR YEAR ENDING 31ST DEC., 1913.

<i>Ward.</i>	<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>
Netherton	25	38	63
Bedlington	110	107	217
Sleekburn	92	105	197
Cambois	41	29	70
West Sleekburn	31	17	48
Choppington	119	110	229
	<hr/>	<hr/>	<hr/>
	418	406	824

Inward Transfers.—	M.	F.	
Legitimate	1		
Illegitimate	1	2	
	<hr/>	<hr/>	
	2	2	4
			<hr/>
			828

SUMMARY OF DEATHS REGISTERED IN THE DISTRICT, 1913.

	Netherton.	Bedlington.	Sleekburn.	Cambois.	W. Sleekburn.	Choppington.
January	0 3	8 6	5 10	1 2	0 1	2 2
February	0 0	6 0	4 4	0 2	0 1	5 2
March	3 1	5 5	4 1	2 1	1 0	6 3
April	2 0	5 2	4 4	3 2	0 0	1 3
May	1 1	6 1	4 2	2 3	0 1	2 5
June	0 2	3 4	3 0	3 0	1 0	3 1
July	0 1	2 1	3 1	1 2	2 0	2 3
August	2 0	5 0	8 3	1 1	0 0	0 2
September	2 3	3 3	9 7	1 3	2 0	5 3
October	0 2	4 7	3 3	0 1	0 0	3 2
November	1 2	0 6	6 5	2 0	1 2	5 1
December	1 0	0 3	2 4	0 0	0 1	6 2
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	12 15	47 38	55 44	16 17	7 8	40 29
	27	85	99	33	15	69

M 177 F 151

Total 328

3 Outward and 22 Inward transferable deaths making total net deaths 347, as shown in Table III.

HOUSING.

44 certificates for occupation of new houses were issued during the year, the smallest number in any one year for several years. The scarcity of houses still continued. There is great need for more houses particularly in the Netherton part of the shire although over 100 houses have been built there within recent years. The class of house now being erected is a fairly good one. A considerable number of houses are in process of erection in the Bomarsund area where there has also been a scarcity for some time, and in a short time there are expectations of developments in this direction in the North Blyth region.

HOUSING AND TOWN PLANNING ACT.

Details of work done under this Act are given in Summary form in Mr. Laverick's report. It is unnecessary to make extended comments upon this. Suffice it to say that as was the case last year a very great amount of work has been done voluntarily which is not recorded in the figures, but which is most important, *e.g.* the taking up of many old flagged and tiled floors, and the substitution of flooring of impervious material or of wood flooring properly ventilated underneath for them. A great part of the work which has been ordered to be done according to procedure under this act has been done. Such work as has not been completed is either in hand or has not been unduly pressed as it has been found necessary in some cases to allow a certain amount of consideration for the want of means of some owners of property to carry out the prescribed repairs and improvements. In cases such as this the general method adopted has been to extend the time allowed for the necessary alterations to be carried out.

SANITARY INSPECTOR'S STATISTICAL REPORT.

Number of Dwellings inspected	...	...	...	118
„ found unfit for habitation	...	...	...	118
„ of Representations made	...	...	...	96
„ of Closing orders by the L.A.	...	...	...	1
„ of Preliminary notices by the L.A.	...	...	...	96
„ Informal Notices given	...	...	...	18
„ Houses no action taken by L.A.	...	...	...	4 (Choppington)
„ of Houses vacated for Repairs	...	...	...	10
„ of Houses made reasonably fit for habitation during year	...	...	...	70
„ of Houses closed by the L.A.	...	...	...	1
„ of Houses voluntarily closed	...	...	...	2
„ of Houses voluntarily demolished	...	...	...	2

The general character of defects found are as follows :—dampness, insufficient ventilation, structural defects, defective and damp flooring, defective conveniences, insufficient and insanitary drainage.

REPAIRS TO PROPERTY IN DETAIL.

Situation.	No. of Houses.	GLEBE ROW, EAST END, MASSEY'S YARD, NETHERTON ROAD, AND VICTORIA TERRACE.
(A)	13	Roofs repaired.
	7	Walls repaired.
	3	Wood floors repaired.
	5	Damp brick work ground floors taken up and converted to concrete.
	12	Spouting repaired and renewed where necessary.
RAVENSWORTH TERRACE AND CLAYTON STREET.		
(B)	6	House roofs stripped and renewed.
	4	House roofs repaired.
	7	Gutters, flashings, and downcomers repaired and renewed where necessary.
	8	Walls repaired.
	6	Decayed woodwork floors repaired.
	6	Decayed plaster stripped and renewed.
	6	Doors, windows, etc. repaired.
	6	Defective flues and fires repaired for the prevention of smoking dwellings.
	6	Dangerous old ladder staircases converted to proper treads and risers.
	6	Ventilation improved by placing dormer windows in first floor roofs.
4	Yard drainage provided where without gullies or drains. Conveniences renewed.	

Situation.	No. of Houses.	STRONG'S BUILDINGS, RUTTER'S BUILDINGS, AND CHOPPINGTON STATION AND SCOTLAND GATE.
(c)	24	Roofs repaired.
	25	Spouting and fallpipes repaired and renewed where necessary.
	24	Walls repaired.
	19	Defective woodwork floors repaired.
	21	Common brick work floors taken out and converted to concrete.
	23	Defective flues and fires repaired for the prevention of smoking dwellings.
	23	Defective plaster stripped and renewed.
	21	Doors, windows, etc. repaired.
	18	Foul wood privy wood risers converted to non-absorbent material.
	6	Ashpits repaired.
	10	Ashpits provided with hard floors.
	2	Ashpits renewed.
	3	Privies renewed.
	2	Access roads for carts to conveniences.
	2	Through ventilation provided.
	1	Lead damp proof course provided, floor brought above road level, and gullies and drains provided for the fallpipes.

NUISANCES.

Choked and foul yard drains ...	108	Untrapped yard gullies ..	23
Defective and foul water-closets ...	44	Defective conveniences ...	49
Leaking water services ...	28	Filthy open spaces near dwellings	9
Offensive accumulations and deposits	164	Damp roofs and walls of dwellings	22
From keeping animals ...	1	Defective spouting ...	13
Offensive out-premises ...	3	Insanitary drainage ...	10
Overcrowding ...	5	Filthy dwelling houses ...	6
Foul yards and passages ...	12		

THE WORKS EFFECTED.

Ashpits repaired ...	29	Disconnection of fall pipes from drains	3
Privies repaired ...	27	Damp dwelling house floors converted to concrete ...	25
Privies renewed ...	6	Yards and open spaces near dwellings paved ...	9
Water closets repaired ...	16	Inspection chambers provided ...	4
Conversion of privies to water closets	2	Dwelling house roofs repaired ...	11
Drains repaired ...	3	Dwelling house walls repaired ...	7
Drains renewed ...	45 yards.	Filthy houses disinfected ...	6
Untrapped gullies replaced ...	20	Privies abolished ...	18
Spouting repaired ...	290 feet.		
Outbuildings repaired ..	9		

DISINFECTION.

Number of houses disinfected ...	205	Number of schools disinfected ...	34
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COWSHEDS AND DAIRIES.

Number of cowsheds ...	42	Notices served ...	25
Number of cows ...	347	Number of inspections ...	89

SLAUGHTER HOUSES.

Number of slaughter houses registered	16	Number of notices ...	5
" " " licensed	1	Number of inspections ...	18

COMMON LODGING HOUSES.

Number of inspections ...	48	Notices given ...	24
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	COWSHEDS AND DAIRIES.							PRIVATE SLAUGHTER-HOUSES.					COMMON LODGING-HOUSE.					OFFENSIVE TRADES.												
	Registered number.	Number taken from register.	Number added to register.	Cleansing and whitewashing	Cleansing exterior	Ventilation.	Cleansing of cattle.	Lighting.	Water supply	Inspections.	Remarks.	Registered number.	Licensed number.	Cleansing of walls.	Garbage removal.	Structural repairs.	Inspection.	Remarks.	Registered number.	Rooms on register.	Number of persons to occupy.	Cleansing of yards.	Cleansing of passages.	Whitewashing.	Ventilation.	Inspection.	Cleansing.	Inspection.	Remarks.	
Cowsheds	42											16	1						4	20	75									
do.		0																												
do.			1																											
Dairies	34																													
Purveyors without Cowsheds	4																													
Contravention found ..				25	1	1	1							2	3							8	7	2	7			4		
Number abated after notice ...				25	1	1	1		89					2	3	18						8	7	2	7	48	4	8		Chiefly tripe boiling.
INFECTIOUS DISEASE PREVENTION.																	CLEANSING OF ASHPITS AND PRIVIES.													
Notices issued.	Houses disinfected.	Houses disinfected and other causes	Bedding specially disinfected.	Schools disinfected.	Remarks.												Number of sections by contract.	Number of sections by the L. A.	Written notices served.	Remarks.										
87	199	6	7	34	1 case bedding destroyed, clothing done by steam and formalin, houses, etc., by sulphur together with formalin spraying. In some cases sulphur dioxide and formaldehyde vapour used.												16	4	96	Ashpits serving 1149 houses cleaned fortnightly and weekly by the L. A.										

ROBERT M. LAVERICK, Sanitary Inspector.

WATER SUPPLY.

At the week-ends we have been supplementing our own supply by taking water from the Tynemouth Authority with the result that the supply has been well maintained throughout the year. The quality of the water throughout the year has been good. The general policy pursued in former years is still being continued. The Council being well aware of the necessity of providing for the district an abundant and wholesome supply of water. It behoves the people to see that water is not wasted as many people have an unfortunate habit of leaving taps running when unnecessary from sheer carelessness.

SEWERAGE AND DRAINAGE.

Wherever old or bad drains and sewers have been found new and good ones have been substituted for them. It is astonishing how from time to time old pipes are found doing duty for drains and sewers in connection with houses, relics one supposes of times when sanitary affairs were not considered of so much importance as they now are.

EXCREMENT DISPOSAL, REMOVAL AND DISPOSAL OF HOUSE REFUSE AND ARRANGEMENTS FOR SCAVENGING

are much on the same lines as last year. The Council, however, has undertaken somewhat more scavenging on its own account, and such work has been well done. Some of the scavenging contractors, however, have not done their work at all well, and this has involved a large amount of extra effort on the part of your officials to see that the duties are properly carried out. Much of such work by your officials is a serious tax upon their time. It would be well when the scavenging contracts are let to allow no contractor who has required continual watching to see that he does his duty to have another contract.

Conveniences for Females are urgently required in several parts of the district.

HOSPITALS.

In the old Hospital 1 case of smallpox was treated during the year.

In the new Hospital 4 cases of enteric fever were treated.

Notifiable Diseases—Under the Infectious Diseases Notification Act, 140 cases of Notifiable Diseases were reported under the Tuberculosis regulations 58 cases of all forms of Tuberculosis were notified.

Smallpox—1 case from the east end of Bedlington was reported. The ordinary precautions were taken, and fortunately no spread of the disease occurred.

Diphtheria—21 cases were notified, of which 6 died, an unusually high percentage.

Erysipelas—7 cases were notified, all isolated cases.

Scarlet Fever—89 cases were notified, of which 2 died. There were cases in every ward in the district.

Enteric Fever—21 cases were notified. There were no deaths. Cambois was the only ward in the district where no case occurred. In many of the cases the infection appeared to have been contracted outside the district.

Poliomyelitis—1 case was notified. The ordinary precautions necessary in dealing with such cases were taken. No further cases occurred.

PULMONARY TUBERCULOSIS.

	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65	
M	0	2	1	0	3	3	3	4	1	0	0	17
F	0	0	1	0	2	3	4	3	2	0	0	15

OTHER FORMS OF TUBERCULOSIS.

M	0	1	4	4	2	1	0	1	0	0	0	13
F	1	3	2	3	2	1	0	1	0	0	0	13

Tuberculosis—32 cases of Pulmonary and 26 of other forms of Tuberculosis were notified. 23 deaths from Pulmonary, and 19 from other forms of Tuberculosis took place in the district during the year. It is regrettable that in many cases Notification is not made earlier than it is, but many difficulties in regard to this point arise which need considerable tact in handling, and it is not at all easy to know at times what is the best line to take in regard to the patient and friends and to the community generally. It is to be hoped that help in dealing with this delicate subject may be got from the recently constituted district committees under the Insurance Act. I think it would be advantageous for our district committee to have the advice and assistance of the Medical Officer of Health in dealing not only with Tuberculosis but with many other problems affecting the public health which come under the scope of the committee's work. This is a matter which could be arranged between the Council and the District Committee. In dealing with the question of Tuberculosis generally there is not much to be said which has not been covered by remarks made in the reports of former years.

NON-NOTIFIABLE ZYMOTIC DISEASES.

Measles, Whooping Cough, Chicken Pox and Mumps have been prevalent in some parts of the district during the year. 5 deaths from Measles and 5 from Whooping Cough occurred.

Infective Catarrh has been extremely common in all parts of the district through the year.

DEATHS FROM ZYMOTIC DISEASES.

Notifiable ..	...	—	Non-Notifiable...	...	—
Diphtheria ..	6		Measles...	...	5
Scarlet Fever ..	2		Whooping Cough	...	5
		—			—
		8			10

GENERAL CONSIDERATION OF DISEASE TABLE.

Congenital Debility and Malformation including Premature Birth—This recurring annual is still responsible as a heavy factor in our deaths returns. 37 deaths coming under this heading, one really hardly knows what to say about this that has not been said before. There is so much thoughtlessness, carelessness and ignorance to combat in dealing with this matter that one gets almost hopeless when attempting to drive sense into many of those whose irresponsibilities are responsible for much of the misery attached to this unfortunate subject. However, one can only keep pegging away in the hope that some day some benefit may accrue from the advice given and the precautions adopted to try to remedy this bad state of affairs.

Pneumonia—34 deaths occurred during the year which has been a very trying one for Respiratory troubles. The extremes of life have been most hardly hit. It is regrettable that several infants have died as most of these cases are preventible.

Bronchitis—The foregoing remark applies equally to this disease. As will be seen from Table IV. 4 infants under 1 month died, 2 from Pneumonia, and 2 from Bronchitis which seems to indicate gross carelessness on the part of those who are supposed to look after them.

Cancer and Malignant Disease is responsible for 29 deaths. This is above the average.

Diarrhoea and Enteritis—Of the 23 deaths under this heading 15 were of infants under one year of age. For only a short period of the year was Diarrhoea epidemic, but during that short time the epidemic was very severe. The number of deaths is not great when the attack is considered. Some of the cases were almost immediately fatal. This was especially so in the case of the two elderly people whose deaths are recorded.

Violent Deaths—It is regrettable that under this heading one has to record 3 Murders and 1 Execution.

Diseases—Ill-Defined or Unknown—17 of the deaths under this heading in Table III. are of elderly people who just passed away—Senile Decay.

I am glad to see that new Table III. separate headings are given for Nephritis and Bright's Disease and for Rheumatic Fever. It would be well also if separate heads were given for Nervous Diseases and for Cerebral Hemorrhage and Apoplexy. These latter and Kidney Disease have always been made a feature in our tables, and although they are not upon the official table one believes that these headings should remain so that our records may be continuous.

SUMMARY OF IMPROVEMENTS.

Water Mains—100 yards of 2" Main to Allotments (Choppington Road) and 100 yards 1" Field Service, Cambois, 186 yards.
 30 yards 3".
 200 yards $\frac{3}{4}$ " and $\frac{1}{2}$ ".
 90 yards 2", Choppington Road.
 36 yards 3", Millbanks.
 20 yards 2", Back Victoria Terrace.
 900 yards 9", Bedlington and Choppington.

Pants—2 needed Pants have been put in at North Terrace, Bedlington, and Chapel Row, Barrington.

HYDRANTS.

5 new hydrants have been put in, 4 at Choppington Colliery and 1 at Barrington Schools.

LIGHTING.

Gas Lamps—1 new standard has been erected at Gordon Terrace and 1 at Hirst Terrace.

Petrol Lamps—9 new Lamps have been put up at Sheepwash Bank, 9 between East Sleekburn and the Candle Works, and 15 between Nedderton Village and Netherton Road End.

Electric Lamps—26 have been installed at Choppington Colliery and 3 in Colliery Rows.

This makes a total of 63 new Lamps for the year, and is an indication that the Lighting Committee is consistently pursuing the policy of providing light in the dark places in the district in a systematic and careful manner.

FOOTPATHS.

The gradual policy of extension is being consistently carried out, and each part of the district is getting its due turn. 740 yards of tar macadam footpath have been laid during the year, and 1130 yards (lineal) of kerbing. In course of time we hope to see the whole course so laid. As things are now there are few if any districts in any way corresponding to our own which are so well off in the matter of good footpaths. It is gratifying for your officials to know that the Council continues to see its way to maintain this steady policy of progress. Such a course of action is good for every interest concerned.

Sewers—During the year a Local Government Board Enquiry was held on the scheme prepared by Mr. Johnston in 1912 relative to possible future developments in the Sleekburn district and its necessary connections with another and larger scheme which has been mooted from time to time. The general plan of the scheme was approved of with certain trifling alterations, and sanction to borrow the money necessary for carrying out the work obtained under certain reservations. Then, unfortunately, a dispute arose about the ownership of certain land where the outlet sewer was to be placed. The Council was then in a sort of way placed between the devil and the deep sea, or one might perhaps put the position more forcibly and say that they were in the sort of position that they were either likely to be ground between the inner and the nether millstones, or else left in the slough despond had not the Joint Clerks come to the rescue and effected a compromise between the interested parties to the dispute both of whom did not seem to realise that while they were fighting or likely to fight in the slow manner peculiar to the Law Courts they were jeopardising the health of a considerable portion of our large and important area. This important point the Joint Clerks put so forcibly before them that both parties had to yield to the real guardians of the shire, *i.e.* the Council, and the scheme which is for the betterment of the sanitary conditions of the district will now go through untrammelled by unnecessary and inconvenient restrictions. When this scheme is completed it is a most important step towards the completion of the whole sewerage system of the shire as it is the real beginning of the larger scheme which will complete our sewerage system.

BEDLINGTON BRIDGE.

A scheme for the re-building of this important but unsatisfactory bridge has been forwarded to the County Council. The authorities immediately concerned, *viz.*—the United District Councils of Bedlington and Blyth have approved of the scheme; it remains to be seen whether the Roads and Bridges Committee of the County Council are prepared to do their share in furthering this most necessary improvement. One earnestly hopes that they will move in the right direction.

Private Street Works—Back Unity Terrace, Cambois; Back Gordon Terrace, Bedlington, and the joint portion of Bell's Place, Bedlington, have been laid to the satisfaction of the Council, and have been taken over. The last two mentioned streets were in a deplorable condition before they were put in order. Now the people will be able to get along them to their homes dry shod.

Water Supply—For various reasons it was found necessary to take additional water, generally at the week-ends, for the supply of the district from the Tynemouth Corporation. In this respect the foresight of the Council has been amply demonstrated in arranging for a supplementary supply from this source when the district required it. The Tynemouth Council has supplied us with water for the week-ends throughout the year, and when certain improvements to our Waterworks to be mentioned later were necessary they were able to give us a full supply during the period which our own Waterworks were not being used. The result has been that the Council has all along been able to maintain a constant supply and a full service, and the quality has been throughout good. We should have been in a very awkward position had possibilities of trouble not been foreseen.

Mr. Johnston had been noticing for some time possible defects in certain parts of our Waterworks scheme, and thought that it was necessary to make more minute investigations than is customary in an ordinary survey, with the result that defects in various parts of the Waterworks which needed immediate attention were discovered. It was arranged that whilst he was engaged in remedying the defects found Tynemouth would supply us with water. The following defects were found, and so far as was possible remedied, viz.—The Weir head was found to be defective, and was repaired. The floor was found to be very rough, very much worn, and the water was percolating through, and considerable wastage was going on. Whether this was due to defective construction or to the ordinary ravages of time and pressure of floods was difficult to determine. Whatever the cause may have been the conditions were remedied. Many other defects were found, *e.g.*—The reservoir walls needed pointing and repairing, the bottom required concreting, the bye-passes were to some extent undermined, and a considerable amount of work was necessary to prevent wastage of water there, *e.g.*—sinking, building, concreting, puddling, etc.

Old Filter Beds—These were known to be defective, but upon examination were found to be more defective than was anticipated; a great deal of work was needed here but they are now in a watertight condition, and working in a satisfactory manner.

Pumping Wells—No. 2 Pumping Well was found to be defective, and the defects were remedied. The clear water Pumping Well was also found to be defective, and upon examination it was found that this could only be dealt with when the Tynemouth water main was in use. While this main was in use repairs were carried out night and day. The result of all this was that notwithstanding all the difficulties and defects there was never for any appreciable length of time a shortage of water for the requirements of the district either during the day or at night. Whilst dealing with this subject I should like to draw the attention of consumers of water to the great waste that goes on owing to the inconsiderate manner in which taps both private and public are left running at all times of the day and night, and to point out to them that if they persist in wasting water by these methods they are bound to run up the water-rate inordinately; let them not forget the time when they had to wait for water and carry it, nor the time when it was brought to them, and they had to pay so much a pail for it and be left wondering all the time what the quality was.

I am greatly indebted to Mr. Johnston for the help he has given me in preparing this part of the report, and I am indebted to him for the manner in which he has kept me posted in regard to the difficulties which from time to time have cropped up in connection with the building of certain new docks at North Blyth. The result of these developments has been that the road from time to time has been flooded to such an extent that the people of Cambois have had difficulty at times in getting to the ferry. This has neither been good for the road nor for the people. It has been pointed out from time to time that owing to what was considered faulty construction both the new dock for coaling staithes and the dock in Messrs. Bolchow's yard were likely to leak, and that our road was in danger if leakage occurred. This leakage did occur, and I think it has at last been driven home to the Blyth Harbour Commissioners by persistent and insistent action on the part of the Council that the fault has been on their side. It is to be hoped that this flooding will soon be remedied.

HOUSE PROPERTY.

Much work has been done voluntarily throughout the district during the year towards the repairing and upkeep of house property by owners. This does not appear in the part of the report under the Housing and Town Planning Act. One is glad to know that neither compulsion nor suggestion has been necessary in these cases, and it is gratifying to see so much work being done in this manner.

GENERAL REVIEW OF THE YEAR.

It is gratifying to record that notwithstanding the extraordinary sickness rate which prevailed throughout the year the death-rate is not a high one. An exceptional amount of work has been done by the Members of the Council during the year, and it is a pleasure to me to thank again all the Members for their hearty co-operation and assistance in the work which has devolved upon me.

I am, Gentlemen,

Your obedient Servant,

R. S. TROTTER, M.D., D.Hy.,

Medical Officer of Health.

BEDLINGTON,

12th March, 1914.

FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
FACTORIES	49	2	None.
WORKSHOPS	83	3	„
WORKPLACES	29	None.	„
Total	161	5	„

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness, Whitewashing and Cleaning of surroundings	9	9		
Want of Ventilation	None.			
Overcrowding	„			
Want of drainage of floors	„			
Other nuisances	„			
Sanitary accommodations				
{ insufficient	1	1		
{ unsuitable or defective	1	1		
{ not separate for sexes	1	1		
<i>Offences under the Factory and Workshop Act:—</i>				
Illegal occupation of underground bakehouse (S. 101)			None.	
Breach of special sanitary requirements for bakehouses (S.S. 97 to 100)			„	
Other offences (Excluding offences relating to outwork which are included in Part 3 of this Report)			„	

3.—HOME WORK, none applicable to this district.

4.—REGISTERED WORKSHOPS.

Factories on Register at the end of year	16
Workshops	91
Brick Works, Candle Works, Aerated Water Works, Cycle Works, Boot Factories, Sawmills, Furniture Works, Quarry, Joinery, Saddlers, Blacksmiths, Sculptors, Fish and Chip and Ice Cream Shops, Watchmakers, Plumbers, Tailoring, Dress-making, Millinery, Printing Works, Undertaking, Hosiery, and Bakeries.	
Total number of Workshops on Register	107

5.—OTHER MATTERS.

Class.	Number.
<i>Matters notified to H.M. Inspector of Factories:—</i>	
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	None.
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (S. 5)	5
	Reports (of action taken) sent to H.M. Inspector
	„
Two W.C.s provided (replacing privies) with drains, for the separate use of each sex.	
<i>Underground Bakehouses (S. 101):—</i>	
Certificates granted during the year	None.
Number of Bakehouses	5

R. S. TROTTER,
Medical Officer of Health.

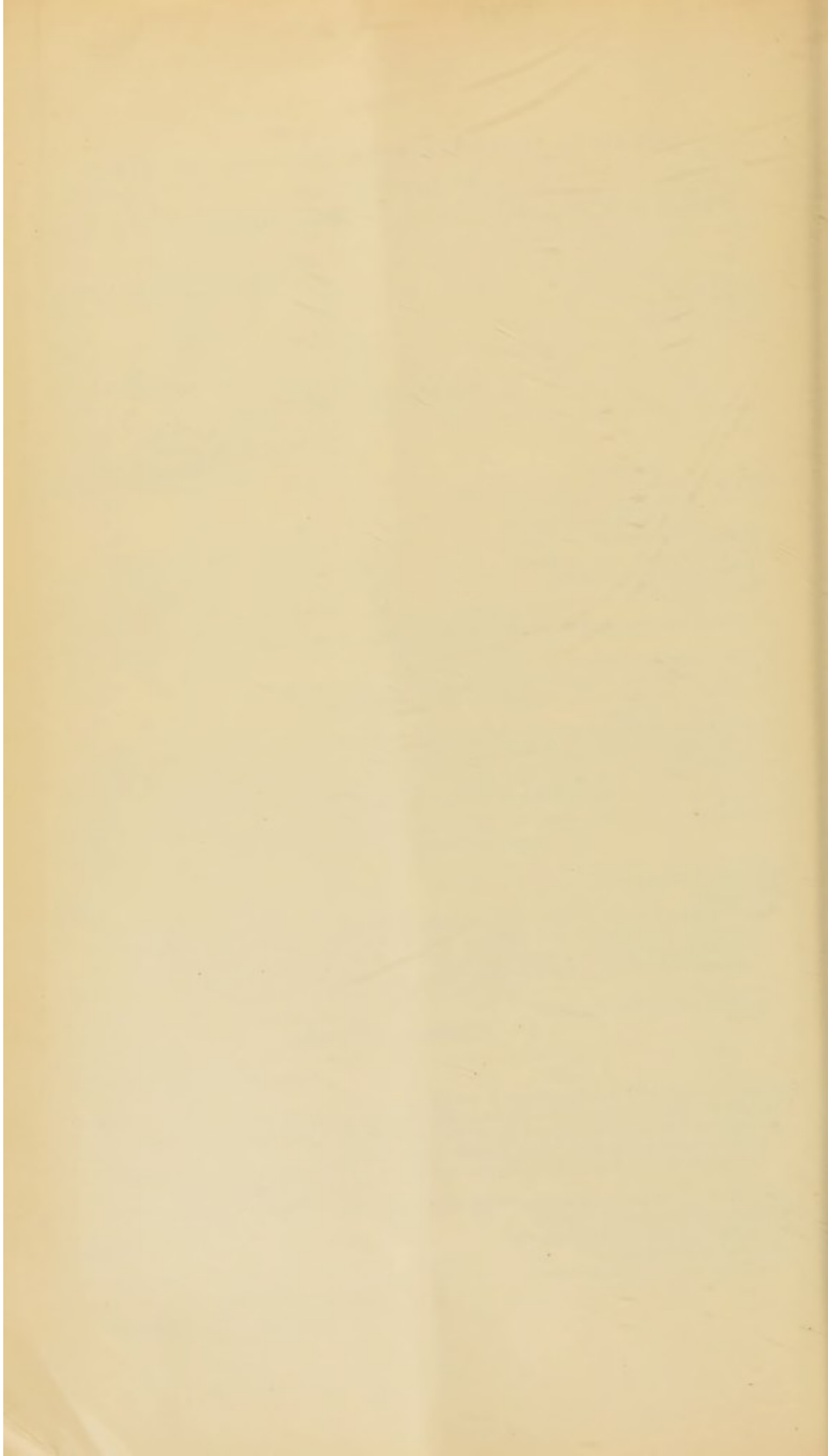


TABLE I.

Vital Statistics of Whole District during 1913 and previous Years.

Name of District, *BEDLINGTONSHIRE.*

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NET DEATHS BELONGING TO THE DISTRICT.				
		Uncorrected Number.	Nett.	Number.	Rate.	of Non-residents registered in the District.	Under 1 Year of age.		At all Ages.			
							Number.	Rate per 1000 Net Births.	Number.	Rate.		
1	2	3	4	5	6	7	8	9	10	11	12	13
1908	24500	784		32	385	15.7			137	17.4		
1909	25630	817		31.8	350	13.6			95	11.6		
1910	26000	761		29	367	14			109	14.3		
1911	25500	844		33.2	373	14.6	4	15	133	15.7	384	15
1912	26000	798		30.69	349	13.4	4	22	77	9.6	367	14
1913	26300	824		31.5	328	12.3	3	22	96	11.5	347	13.2

NOTES.—This Table is arranged to show the gross births and deaths in the district, and the births and deaths properly belonging to it with the corresponding rates. For years before 1911 some of the corrected rates probably will not be available. The rates should be calculated per 1000 of the estimated gross population. In a district in which large Public Institutions for the sick or infirm seriously affect the statistics, the rates in Columns 5 and 13 may be calculated on a nett population, obtained by deducting from the estimated gross population the average number of inmates not belonging to the district in such institutions.

In Column 6 are to be included the whole of the deaths registered during the year as having actually occurred within the district. In Column 12 is to be entered the number in Column 6, corrected by subtraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are to be similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

The Medical Officer of Health will be able from the returns made to him by the local Registrar of Deaths to fill in Column 8 in accordance with the rule in the next paragraph below. The Registrar-General, either directly or through the County Medical Officer of Health, will supply the Medical Officer of Health with the particulars of deaths to be entered in Column 9; and all such deaths must be included in this Column, unless an error is detected, and its correction has been accepted by the Registrar-General. For Column 4 the Registrar-General will furnish to the Medical Officer of Health, a Statement of the number of births needing to be added to or subtracted from the total supplied by the local Registrar.

“Transferable Deaths” are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence, e.g., casuals, must not be included in Columns 8 or 9, except in certain instances under 3 (b) below. The Medical Officer of Health will state in Column 8 the number of transferable deaths of “non-residents” which are to be deducted, and will state in Column 9 the number of deaths of “residents” registered outside the district which are to be added in calculating the nett death-rate of his district.

The following special cases arise as to Transferable Deaths :—

(1) Persons dying in Institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses, and nursing homes (but not almshouses) must be regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an Institution had no fixed residence at the time of admission, the death is not transferable. If the patient has been directly transferred from one such institution to another, the death is transferable to the district of residence at the time of admission to the first Institution.

(2) The deaths of infants born and dying within a year of birth in an Institution to which the mother was admitted for her confinement should be referred to the district of fixed or usual residence of the parent.

(3) Deaths from Violence are to be referred (a) to the district of residence, under the general rule; (b) if this district is unknown or the deceased had no fixed abode, to the district where the accident occurred, if known; (c) failing this, to the district where death occurred, if known; and (d) failing this, to the district where the body was found.

Area of District in acres (exclusive of area covered by water.) } 9025. }
 Total population at all ages, 25,253 } At Census of
 Number of inhabited houses, 5194 }
 Average number of persons per house, 4.86 } 1911.

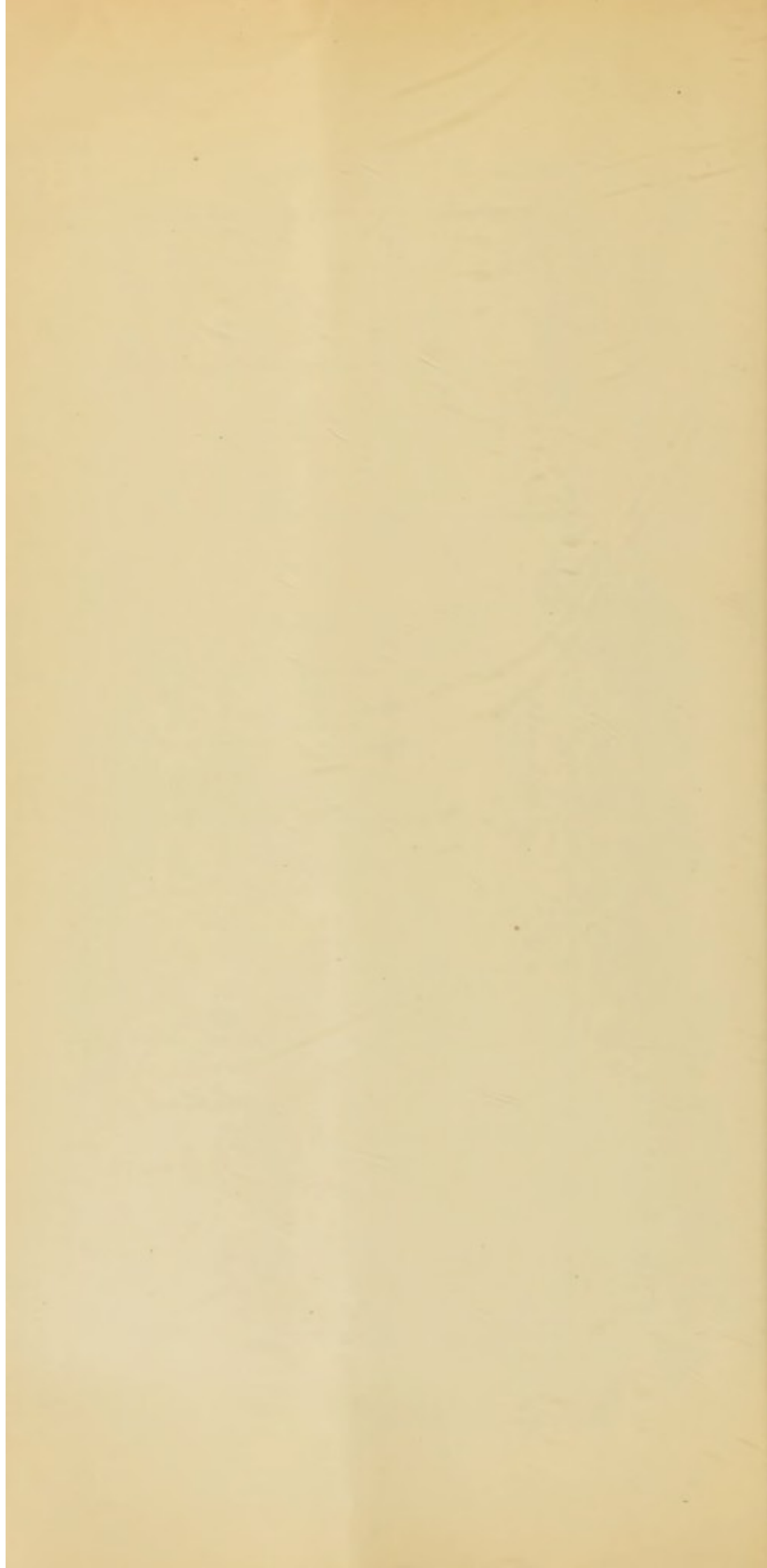


TABLE II. Cases of Infectious Disease notified during the year 1913.
Name of District, *BEDLINGTONSHIRE.*

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.						Total cases removed to Hospital.		
	At all Ages.	At Age†—Years.						Barrington.	Bedlington.	Cambois.	Choppington.	Netherton.	Sleekburn.		East & West Sleekburn.	
		Under 1.	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65									65 and upwards
Smallpox ...	1		1					1								1
Cholera (C) Plague (P) ...																
Diphtheria (including Membranous croup ...	21	8	11	2	3	2	1	6	7	2	5					
Erysipelas ...	7	1	1					3	3							
Scarlet fever ...	89	31	52	4	1			29	16	3	10	16				
Typhus fever ...																
Enteric fever ...	21	1	7	6	3	4		5	7	1	1	4				4
Relapsing fever (R) ...																
Continued fever (C) ...																
Puerperal fever ...																
Cerebro-spinal Meningitis ...																
Poliomyelitis ...	1	1														
Pulmonary Tuberculosis ...	32	2	2	11	14	3										
Other forms of Tuberculosis ...	27	1	4	6	2											
Totals ...	199	47	88	29	23	9	1									5

NOTES.—State in space below the name and position within or without the district of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent, the accommodation available for the district afforded by it, and the name of the authority by whom the hospital is provided.

*This space may be used for record of other diseases the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospitals at Staithes Quay, Bank Top, and Stakeford, provided by Bedlingtonshire U.D. Council.

MEMORANDUM FOR THE RECORD

DATE: 10/10/1918

BY: [Signature]

FOR: [Signature]

TABLE III.

Causes of, and Ages at Death during the Year 1913.

Name of District, BEDLINGTONSHIRE.

(See Notes at Back.)

CAUSES OF DEATH.	NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT.										TOTAL DEATHS WHETHER OF RESIDENTS OR NON-RESIDENTS IN INSTITUTIONS IN THE DISTRICT.					
	All Ages.	Under 1 year	1 and 2 years		5 and 15 years		15 and 25 years		25 and 45 years		45 and under 65 years	65 and up.	wards	up.	wards	10
			4	34	6	18	7	15	37	44							81
1	343	3	34	4	18	7	15	37	44	81						
All causes { Certified (c)	4	1														
Uncertified																
Enteric Fever ...																
Smallpox ...																
Measles ...	5		3	2												
Scarlet Fever ...	2		1	1												
Whooping Cough ...	5	1	1	1	2											
Diphtheria and Croup ...	6		1	2	3											
Influenza ...																
Erysipelas ...																
Pleuritis (Pulmonary Tuberculosis) ...	23	1	1	1	2		4	9	5							
Tuberculous Meningitis ...	1			1												
Other Tuberculous Diseases	18	3	5	2	3		3	2								
Cancer, malignant disease	29						1	1								14
Rheumatic Fever ...	4				2		1	1								
Meningitis <i>See note (d)</i> ...	3															
Organic Heart Disease ...	22	1					2	5	6							8
Bronchitis ...	15	5	4				2	1	1							4
Pneumonia (all forms) ...	34	12	6	6	1											7
Other diseases of Respiratory organs ...	1				1											
Diarrhoea and Enteritis.																
<i>See note (e)</i> ...	23	15	5	1												1
Appendicitis and Typhlitis	2						1	1								
Cirrhosis of Liver ...	2															2
Alcoholism ...																
Nephritis & Bright's Disease	10															5
Puerperal Fever ...																
Other accidents and diseases of Pregnancy and Parturition ...	4															4
Congenital Debility & Malformation, including Prematurity of Birth ...	37	35	2													
Violent Deaths, excluding Suicide ...	10															
Suicides ...																
Other Defined Diseases ...	37	12	3	1	2		2	2	3							12
Diseases ill-defined or unknown	21	4														17
Cerebral Hæmorrhage ...	21															12
Nervous Disease ...	12	4	1	1	1											
Total	347	96	34	19	18	15	38	46	81							

NOTES TO TABLE III.

- (a) All "Transferable Deaths" of residents, *i.e.* of persons resident in the District who have died outside it, are to be *included* with the other deaths in columns 2-10. Transferable deaths of non-residents, *i.e.* of persons resident elsewhere in England and Wales who have died in the District, are in like manner to be *excluded* from these columns. For the precise meaning of the term "transferable deaths" see footnote to Table I.
- The total deaths in column 2 of Table III should equal the figures for the year in column 12 of Table I.
- (b) All deaths occurring in institutions for the sick and infirm situated within the district, whether of residents or of non-residents, are to be entered in the last column of Table III.
- (c) All deaths certified by registered Medical Practitioners and all Inquest cases are to be classed as "Certified;" all other deaths are to be regarded as "Uncertified."
- (d) Exclusive of "Tuberculous Meningitis" (10), but inclusive of Cerebro-Spinal Meningitis.
- (e) Title 19 should be used for deaths from Diarrhoea and Enteritis at all ages. (In the "Short List" deaths from Diarrhoea and Enteritis under 2 years are included under Title 19; those at 2 years and over being placed under Title 28.)

NOTES TO TABLE IV.

- (a) The total in the last column of Table IV should equal the total in column 10 of Table I, and in column 3 of Table III.
- (b) Under Abdominal Tuberculosis are to be included deaths from Tuberculous Peritonitis and Enteritis and from Tabes Mesenterica.
- (c) The total deaths from Congenital Malformations, Premature Birth, Atrophy, Debility and Marasmus, should equal the total in Table III under the heading Congenital Debility and Malformation including Premature Birth.
Want of Breast Milk should be included under Atrophy and Debility.
- (d) For references to the meaning of any other headings *see* notes attached to Table III.

In recording the facts under the various headings of Tables I, II, III and IV, attention has been given to the notes on the Tables.

R. S. TROTTER, M.D., D.Hy.,

Medical Officer of Health.

12th March, 1914.