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BLAYDON



URBAN DISTRICT COUNCIL.

Annual Report

OF THE

Medical Officer of Health,

FOR THE


YEAR ENDED DECEMBER, 1938.

SWALWELL,


A. A. FLETCHER & SON, GENERAL PRINTERS, FOUNDRY LANE,

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Annual Report

Medical Officer of Health

YEAR ENDED DECEMBER, 1928.

Medical Officer's Annual Report.

TO THE CHAIRMAN AND MEMBERS OF THE
BLAYDON URBAN DISTRICT COUNCIL.

GENTLEMEN,

For the Thirty-third year I beg to furnish you with my Annual Report, this summarising vital statistics of the past five years and detailing sanitary conditions in your area, as well as action taken in promotion of the public health during 1938.

Area.—The latest settlement of our boundaries during 1936 left us with an acreage of 9,247 (inclusive of water-boundaries), with a density population of 3·33 persons per acre.

Population.—Since the 1931 census our population has continued to decrease, in spite of the number of new houses erected and occupied; the Registrar General's estimate of population at mid-year 1938, being 30,790, or 360 below that of the previous year, although there was a nett. increase of 164 births over deaths during 1938.

Number of Inhabited Houses.—At the end of 1937 we had a total of 8,104 inhabited houses; during the past year 101 were demolished and 17 closed, while 172 new houses were erected, leaving a total of 8,158 houses occupied at the end of 1938, a nett. increase of 54.

Localities where new houses were erected to re-house tenants displaced from unsuitable houses or to reduce overcrowding were:-

Winlton	...	111
Stella	... ..	8
Blaydon	...	11
Barlow	... ..	2
High Spen	...	11
Rowlands Gill	...	1
Chopwell	...	2
Winlton Mill	..	26

Rate of construction during the past six years is as follows:-

	1933.	1934.	1935.	1936.	1937.	1938.
Private ...	35	90	142	97	81	63
U. D. C. ...	54	98	24	80	142	109
	<u>89</u>	<u>188</u>	<u>166</u>	<u>177</u>	<u>223</u>	<u>172</u>

HOUSES ERECTED.

District	By Council	By Private Enterprise.
Blaydon.....		1-5 roomed. 4-4 roomed reconditioned. 10-3 roomed.
Stella.....		8-4 roomed.
Winlaton	6-5 roomed 42-4 roomed 61-3 roomed	1-6 roomed. 1-4 roomed. 3-3 roomed reconditioned.
Barlow		2-3 roomed.
High Spen		4-4 roomed. 1-3 roomed and shop. 6-2 roomed.
Rowlands Gill		1-5 roomed.
Chopwell		2-3 roomed.
Winlaton Mill		1-5 roomed. 2-4 roomed. 23-3 roomed. 1-3 roomed reconditioned.
Totals	109 houses	+ 63 houses and 1 shop, 8 houses reconditioned = 172 houses and 1 shop, 8 houses reconditioned.

HOUSING.

During the year the four Clearance Orders - Caledonia, Cromwell Place, Gardener's Square, Jobling's Garth, made in 1937, were confirmed.

The Albert Street Clearance Order made on the 16th November, 1937, was confirmed by the Ministry of Health on the 12th October, 1938.

Official representation was made to the Council on the 20th September, 1938, regarding Ramsay's Building, High Spen, and the Council declared the area to be a clearance area. The Clearance Order had not been made by the Council by the end of the year.

The following statistics indicate the work done during the year 1938:—

1—Inspection of Dwelling houses during the Year.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	316
(b) Number of inspections made for the purpose	398
(2) (a) Number of Dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	50
(b) Number of inspections made for the purpose	90
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	50
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	266

2—Remedy of Defects during the Year without Service of Formal Notice.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	62
--	----

3—Action under Statutory Powers during the Year.

(a)—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936—	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	1
(2) Number of dwelling-houses in which defects were remedied after service of formal notice:-	
(a) By owners	1
(b) By Local Authority, in default of owners	Nil.
(b)—Proceedings under Public Health Acts:—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	Nil.

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:-			
(a) By owners	...	...	Nil.
(b) By Local Authority, in default of owners			Nil.
(c)—Proceedings under sections 11 and 13 of the Housing Act, 1936.			
(1) Number of dwelling-houses in respect of which Demolition Orders were made		...	7
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders		...	55
(d)—Proceedings under section 12 of the Housing Act, 1936.			
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	...	Nil.
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	...	...	Nil.

OVERCROWDING.

The following statistics show the state of overcrowding in the area at the end of the year.

The figures are based on the overcrowding survey carried out under the Housing Act, 1935.

4—Housing Act, 1936 - Part IV. - Overcrowding.

(a) (1) Number of dwellings overcrowded at the end of the year	...	...	...	913
(2) Number of families dwelling therein	...	...	...	913
(3) Number of persons dwelling therein	...	...	...	4725
(b) Number of new cases of overcrowding reported during the year	...	...	...	Nil.
(c) (1) Number of cases of overcrowding relieved during the year	...	...	...	32
(2) Number of persons concerned in such cases	...	...	...	145
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	...	...	...	Nil.

During the year a special survey of applicants was made to deal with young married couples who had hitherto been obliged to live as sub-tenants, and, wherever possible, these were given preference in suitable houses, though deferring cases which had recently come into the area as sub-tenants, with a view to force the Council's hand (as overcrowding cases) to be so dealt with.

WATER SUPPLY.

The piped supply to the eastern area is from the Newcastle and Gateshead Water Company, and continued satisfactory during the year.

The higher parts of the area supplied by the County Water Board had a shortage of water during January and February, while the supply to one of the County Schools was unsatisfactory. On reporting this, the explanation was given that the difficulties experienced in the maintenance of the supply to the higher parts of the Chopwell and Winlaton areas were due principally to leakage by frost bursts; to the excessive use of water during the dirty weather following the frost; and to a fracture of one of the Board's distributory mains in that area, caused by colliery subsidence.

Repairs to the main were effected by the Board's engineers and the bore of supply-pipe to the school sanitary arrangements doubled, since when there has been a satisfactory supply.

DRAINAGE AND SEWERAGE.

New sewers have been constructed at:—

Thornley Lane (High Horse Close), Rowlands Gill.

Mundle Avenue, Winlaton Mill.

May Avenue, Winlaton Mill.

George Street, Winlaton.

Western Way, Axwell Park, Blaydon.

Privy conversions and new house drainage systems to 307 houses at Tyne, Wear, Tees, etc., Streets, Chopwell.

Sewage Disposal Works, Rowlands Gill.

The works are designed to deal with sewage from 1,431 houses; present population 4,564; ultimate population 8,000, plus an additional population of 6,000 from the neighbouring Authority of Stanley U.D.C.

Sewage enters the works through a 21 inch pipe, passes through screening chamber and equalising tank to sedimentation tanks, and thence to dozing chamber, where it is distributed to circular percolating filters. After being further treated in Humas tanks, the final effluent passes to the River Derwent.

Sludge from various tanks is disposed of in ploughed furrows on the land.

Two Pumping Stations, one at Rowlands Gill and one at Winlaton Mill, deliver sewage from low-lying sewers via cast iron pumping-mains to the head of main outfall sewer by means of float-operated electric motors and centrifugal pumps.

Works commenced on 6th July, 1937.

Commenced to operate on 20th April, 1939.

Contract Price—£49,715.

Contractors—Messrs The Alston Limestone Co., Ltd.,
Newcastle-on-Tyne.

Machinery, Electric Motors, etc.—Messrs Adams Hydraulics, Ltd.,
York.

Consulting Engineers—Messrs D. Balfour & Sons,
Newcastle-on-Tyne.

STREETS MADE UP.

The following streets have been made up during the year:-

Back Tyne and Wear Street,	Chopwell.
Back Wear and Tees Street,	„
Back Tees and Blyth Street,	„
Back Blyth and Severn Street,	„
Back Severn and Thames Street,	„
Back Thames and Wansbeck St.,	„
Back Wansbeck Street East,	„
Back Tay Street,	„
Back Humber and Clyde Street,	„
North Back Derwent Street,	„
South Back Derwent Street,	„
Queen Street North,	„
Queen Street South,	„
King Street,	„
Alexander Street,	„
Edward Street,	„
Norman Road East, Rowlands Gill.	
Norman Road West,	„ „
Middleton Avenue,	„ „
The Crescent East,	„ „
The Crescent West,	„ „
Back Edward Street East,	Blaydon.
Cross Street, South gable of Edward Street,	„
Shop Spouts,	„

PUBLIC CLEANSING.

The scavenging at Barlow, Coalburns and Sherburn Green is carried out in the same manner as in the previous year, viz. at Barlow by a carting contractor, and at Coalburns and Sherburn Green by a local farmer. Other parts of the area are scavenged by direct labour.

Throughout the year the stock employed on scavenging comprised:- 3 horses, 2 coup-carts, 1 four-wheeled pneumatic-tyred horse-drawn wagon, 2 three-ton Vulcan refuse-wagons and 1 two-ton Bedford wagon. An additional three-ton Vulcan of the same design as those previously purchased was placed on order in May, but had not been delivered at the end of the year.

In addition to the 17 permanent men employed on scavenging throughout the year, 96 men each received 10 weeks employment.

Controlled tipping is still being carried out at Blaydon and Stampley Moss Tips, and at Spen and Chopwell men are employed on the tips while refuse is being deposited, to keep the tips in orderly condition and to prevent fires.

CLOSET ACCOMMODATION.

During the year the conversion scheme at Chopwell was completed, when the remaining 98 ash-pit privies were converted into water closets.

The following table gives particulars of conversions from the conservancy system during the last ten years:

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Ashpit privies converted into water closets	5	26	1	1	Nil.	8	Nil.	Nil.	209	98
Ash closets converted into water closets	6	780	1309	23	10	9	Nil.	1	1	1
Total number of water closets in District	3485	4398	5877	6030	6133	6337	6515	6689	7075	7352
Total number of ash closets in District	2940	2133	786	752	726	697	692	683	605	511
Total number of ashpit privies in Dist.	513	487	486	484	484	472	469	469	255	157

SUMMARY OF WORK DONE DURING 1938.

HOUSING—

Structural defects remedied (Public Health Act)	161
Water services repaired	2
Foul conditions (nuisances abated)	10

DRAINAGE—

New drains laid and tested	10
New soil pipes fixed	1
New vent shafts fixed	1
New inspection chambers built	6
Defective yard paving repaired	17
Other faults	17

SANITARY CONVENIENCES—

Water closet defects remedied	5
Ash closets converted to water closets	3
Ash pit privies converted to water closets	98
New water closets provided (reconstructions)	6
Ash bins repaired or renewed	3
Other nuisances abated	6

INFECTIOUS DISEASES—

Numbers of houses and lots of bedding disinfected after infectious disease	288
--	-----

COWSHEDS, DAIRIES, ETC.

(a) Milk Supply.

Visits were made from time to time to cowsheds, dairies and milkshops in the area, and generally the premises were found in fairly satisfactory condition.

In one case a letter was forwarded to the registered occupier, drawing her attention to the cleansing and limewashing of the cowshed.

During the year 36 informal samples of milk were taken for bacteriological examination. Of these 28 were of milk produced within the area and 8 outside the area.

Of the 28 samples produced within the area, 24 were, bacteriologically, equal to Tuberculin Tested milk, two were equal to Accredited milk, and one fell below Accredited standard.

The butter-fat content varied from 2·6% to 4·7%.

Two fell below the standard of 3·0%.

The non-fatty solids varied from 8·37% to 9·06%.

Five fell below the standard of 8·5%.

All the samples were satisfactory when subjected to the Methylene Blue Reduction Test.

At the end of the year there were on the register

10 Wholesale Producers,
30 Retail Producers,
and 50 Retail Purveyors of milk.

(b) Milk (Special Designations) Order, 1936.

Application for renewal of licences to sell graded milk in the Council's Area under the above Order, were made as follows:-

Pasteurised Milk—

1 Dealer's Licence.
1 Supplementary Licence.

Tuberculin Tested—

1 Dealer's Licence.
1 Supplementary Licence.

As the Council decline to penalise anyone who wishes to supply graded milk, the licences were granted without payment of fees.

SLAUGHTER-HOUSES AND MEAT-SALES SHOPS.

There are twelve licensed slaughter-houses on the register. They are kept in fairly good order, cleansing and limewashing being carried out regularly in compliance with the byelaws.

During the year every slaughter-house was visited once each week and further visits were made, if and when required, for the inspection of animal carcasses.

Visits were made to meat-sales shops and these were found to be kept in clean condition.

The following quantity of meat, found diseased or unsound, was voluntarily surrendered, and so disposed of to prevent it being used for the food of man.

For Tuberculosis.

BOVINE:— 3 bovine carcasses and all organs.
562 lbs. beef and all organs of two carcasses.
34 bovine heads and tongues.
67 pairs bovine lungs.
14 bovine livers.
4 bovine mesenteries.

Pigs:— 4 pig carcasses.
20 lbs. pork.
21 pigs' heads.
10 pairs pigs' lungs.
8 pigs' livers.

For other conditions rendering Meat Unsound.

4 bovine heads and tongues,	Actinomycosis.
634 lbs bovine lungs,	Parasitic and unsound.
2 pairs bovine lungs,	Unsound.
1 bovine kidney,	Cystic.
19 pairs pigs' lungs,	Parasitic and congestion.

The appended table shows the number of carcasses inspected and condemned:

	Cattle, exclud- ing cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	1021	3	—	2728	656
Number inspected	961	3	—	2628	643
ALL DISEASES EXCEPT TUBERCULOSIS.					
Whole carcasses condemned	—	—	—	—	—
Carcasses of which some part or organ was condemned	39	—	—	3	28
Percentage of the number inspected affected with disease other than Tuberculosis	4.06	—	—	.011	4.35
TUBERCULOSIS ONLY.					
Whole carcasses condemned	3	—	—	—	4
Carcasses of which some part or organ was condemned	87	1	—	—	30
Percentage of the number inspected affected with Tuberculosis	9.36	33	—	—	5.22

FACTORIES.

The owners of one factory were requested by letter to cleanse and limewash the sanitary accommodation. It was also requested of them to provide another sanitary convenience in

lieu of an existing one which is open and does not secure privacy to the user.

The cleansing and limewashing was carried out and a flushing arrangement was provided to the sanitary convenience mentioned above, but the suggested new sanitary convenience was not provided up to the end of the year.

Information was received from His Majesty's Inspector of Factories of contravention of the Factories Act at 5 factories. These matters were given attention and in three cases the work requested to be done was carried out. Of the remaining two cases, after inspection of one by me no action was taken. In the other case, the work requested to be done was not carried out up to the end of the year.

Work done.

- 1—Flushing arrangements provided to each of two water-closets.
- 2—Artificial lighting to each of two water-closets.
- 3—Chamber of one water-closet cleansed.
- 4—Limewashing and cleansing of sanitary accommodation and flushing arrangements provided to one trough closet.

BAKEHOUSES.

Occasional visits were made to the nine bakehouses in the area and the premises were generally found in clean condition.

PICTURE HALLS.

There are nine picture halls in the district. Visits were made and the sanitary accommodations found in good order.

RATS AND MICE DESTRUCTION ACT, 1919.

The contract with the Durham County Council for the services of their Rat Officer, for the destruction of rats at Rowlands Gill, High Spen, Chopwell, Winlaton and Blaydon Refuse Tips and the Sewage Works at High Spen, was renewed, and regular visits were made throughout the year with satisfactory results, both there and at Norman's Riding Isolation Hospital.

ERADICATION OF BED BUGS.

The number of houses found to be infested with bed bugs and disinfested during the year is as follows:-

Council Houses	7
Private Houses	1
	—
	8

The disinfection of infested property is carried out in the following manner:-

- 1—Walls, woodwork, etc., are sprayed with germicidal disinfectant (Kodium), or paraffin oil.
- 2—All picture rails, skirtings and architraves are removed, the walls stripped of paper, and the house is then, as far as practicable, made gas-proof.
- 3—Fumigation is then carried out by means of burning "Foompest" fumigation blocks.
- 4—A second visit is made to the property about ten days later, when further spraying with disinfectant or paraffin is carried out, and the premises are again fumigated with sulphur candles or "Foompest".

SHOPS AND OFFICES.

No inspections were made during the year under the Shops Act, 1934, relating to ventilation and temperature of shops and to Sanitary Conveniences.

SMOKE ABATEMENT.

No observations were taken during the year.

CAMPING SITES.

There are no camping sites in the area.

SWIMMING BATHS AND POOLS.

There are no swimming baths or pools in the area.

VITAL STATISTICS.

Births.

The continued migration of younger families elsewhere, leaving more comparatively aged folk resident, each year reduces our local birth-rate. The Registrar-General gives last year's figures as 252 males and 234 females born alive (with 23 still-births), of which 15 were illegitimate. Compared with the 559 births (29 still-born) in 1937, this shows a drop of 50 in the comparative totals and reduced our birth-rate to 16.53 per 1,000 population (Table I).

Natal rate for births in the various Wards were:-

Blaydon	94,	equal to 22·27 per cent of local births.
Winlaton	122,	„ „ 29·1 per cent „
Chopwell	125,	„ „ 29·62 per cent „
Rowlands Gill	79,	„ „ 18·72 per cent „
Stella	2,	„ „ ·48 per cent „

The birth-rate for England and Wales was 15·71 per 1000 population.

The birth-rate for County Durham was 16·9 per 1000 population.

Deaths.

The number of deaths registered locally was 139 males and 119 females, together with 9 non-residents dying within this area. Residents who died and were registered outside area are numbered as 110, giving a corrected death rate of 12·37 per 1,000 population, a slight decrease on the 1937 statistics (Table I)

The chief causes of death were:- Apoplexy 49, as against 32 in 1937; Cancer 38 (42); Heart Diseases 29 (38); Pneumonia 21 (27); Congenital Diseases and Premature Birth 23 (28); all Tubercular Diseases 14 (25).

The death rate for England and Wales was 11·6 per 1,000 population.

The death rate for County Durham was 11·3 per 1,000 population.

Infant Mortality.

25 infants died within our area and 13 beyond, who were considered as residents, giving an infantile death rate of 78·2 per 1,000 live births. This is the lowest figure since 1929 and partly compensates for a decreasing birth rate.

The infantile death rate for England and Wales was 53 per 1000 live births.

The infantile death rate for County Durham was 59 per 1,000 live births.

Chief causes were Congenital Diseases and Premature Birth 23; Broncho-Pneumonia 4; Enteritis 4.

Maternal Mortality.

From "accidents of parturition" one death was registered as occurring within, and two residents without, our area.

This total of three deaths out of 509 confinements compares with only one such death in 1937, and raised our rate per 1,000 births to 5·89 per 1,000 confinements, as against 5·94 for total in England and Wales and 5·39 in the County.

Since the institution of the expert "Maternity Squad" by the County Medical Authority, direct notification to Durham and provision of qualified midwives in each district, prompt treatment of cases of Puerperal Pyrexia has reduced the mortality-rate, whilst the reduction of slum property in which mothers had to be confined, frequently with older children sleeping in the same room (or even bed) has obviated the onset of "child-bed fever" which was formerly so common in overcrowded areas.

Infant Welfare and Ante-Natal Clinics.

Clinics are held at:-

- BLAYDON.....Tuesday, 9-30 a.m. to 11 a.m., Sunlight treatment.
 Tuesday, 1-30 p.m. to 3 p.m., Children up to 2 years.
 Friday, 9-30 a.m. to 11 a.m., Sunlight treatment.
 Friday, 1-30 p.m. to 3 p.m., Expectant Mothers one week, Post-natal next week.
 Alternate Wednesdays, Children 2 to 5 years, 9-30 a.m. to 11 a.m.
- WINLATONTuesdays, 9-30 a.m. to 11 a.m., Children.
 Tuesdays, 1-30 p.m. to 3 p.m., alternate weeks, Children or Ante-natal.
- ROWLANDS GILL...Wednesdays, 9-30 a.m. to 11 a.m., Children.
 Wednesdays, 1-30 p.m. to 3 p.m., Children or Ante-natal.
- CHOPWELLWednesdays, 9-30 a.m. to 11 a.m., Children or Ante-natal.
 Wednesdays, 1-30 p.m. to 3 p.m., Children, weekly.

During the year attendances at the various Centres were run by the County Council Staff, with the help of local ladies' voluntary committees.

Children in area—623.

Children attended Centre last year—410.

Expectant mothers attended—106.

Mothers and children on sunlight—588.

Blaydon.

A Kromayer lamp has been added to the equipment of the above centre, by the Committee, for the local ultra-violet Therapy treatment of skin conditions. This is an addition to the Duo Therapy unit lamp which has been in use for some time, and has proved of great benefit to the mothers and children who attend the centre.

Infectious Diseases.

A slight decrease occurred in the number of cases notified, the total being 401, as compared with 407 in the previous year; an increase in Scarlatina being counterbalanced by a falling off in the amount of Diphtheria.

Owing to the re-building of Normans Riding Isolation Hospital, begun in April, the accommodation was frequently over-taxed, but 283 cases (94.6%) were removed for the institutional treatment of diseases usually admitted.

Smallpox.

No cases have been notified since April, 1938. Provision has been made by the Joint Hospital Committee for any future cases in your area to be treated at Howden Bank Hospital under the County Smallpox Scheme.

Enteric.

Your District has had no Typhoidal cases notified since the two in 1936.

Diphtheria.

The epidemic which has lasted in our area, jointly with others, began to wane, the total numbers of notifications falling from 174 to 126, and of deaths from 17 to 9; 6 of the 119 admitted to hospital (or 5.04%) being fatal. Several of the Scarlatina cases removed to Norman's Riding Hospital who had discharges from nose or ear were found to produce positive Diphtheria swabs.

Immunisation, begun in April, 1936, was continued in rotation at the local Welfare Centres for both infants and school children, a fair proportion of each attending for protection.

More and earlier use was made of the free serum provided by your Council, reducing the mortality-rate from 10.2% in 1937 to 7.14% in 1938.

Scarlatina.

Mainly owing to the prevalence of this disease in the Eastern Wards there was a rise from 127 cases in 1937 to 169. The type was milder than in previous years and only one death occurred, from a hæmorrhagic case of nine years old.

Ophthalmia Neonatorum.

Owing probably to the stricter supervision of newly-born infants by the County Council Health Visitors and the fewer confinement cases where the qualified midwives were not in attendance, this condition has decreased from 1936-7-8 in ratio of 10-3-1.

Cerebro-Spinal Meningitis.

After two years without notifications, 3 isolated cases occurred, one each in Blaydon, Winlaton and Rowlands Gill Wards, one of which proved fatal.

Tuberculosis.

A slight decrease from 30 to 26 pulmonary cases, with a similar increase from 17 to 23 of a non-pulmonary type, kept the total round about our average since 1933, though pulmonary deaths fell from 21 to 12 and non-pulmonary from four to two.

Local statistics for the last seven years:-

	1932	1933	1934	1935	1936	1937	1938
Notifications ...	70	49	51	40	49	47	49
Deaths ...	25	23	23	26	20	25	14

Tuberculosis Age Periods.

Age Periods	Deaths				New Cases.				
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary		
	M.	F.	M.	F.	M.	F.	M.	F.	
0 ...									
1 ...									1
5 ...						1	2		6
10 ...	1				2		4		5
15 ...	1	1			1				
20 ...	1				1	7	2		
25 ...	2	1	1		1	4	1		1
35 ...						2	1		
45 ...		2*1	*1		2	2			
55 ...	2				3				
65 and upwards									
Totals ...	7	4*1	1*1		10	16	10		13

*Including deaths in outside Institutions.

Zymotic Death Rate per 1,000 population.

	Blaydon U.D.C.	County
Enteric, etc. ...	Nil	·001
Scarlatina ...	·032	·002
Diphtheria ...	·292	·19
Measles ...	·032	·045
Pertussis ...	·097	·032
Diarrhoeal ...	·13	·062
Phthisis ...	·39	·51
Other Tubercular ...	·065	·135
Acute Respiratory... ..	1·13	·83
All Zymotic ...	·583	·35

	Rateable Value	Local Rate	Inc. County Rate	Id. Rate	Total Actual Income
1935 ...	£108,389	9/-	6/7		
		9/-	7/6	£400	£88,526
1936 ...	£110,206	9/6	7/7		
		9/6	7/6	£402	£94,043
1937 ...	£112,734	9/6	7/2		
		9/6	7/2	£415	£95,071
1938 ...	£114,409	10/3	8/-		
		9/11	7/8	£429	£95,009

The following are the approximate numbers of unemployed persons in the various districts:—

Blaydon. Winlaton. Rowlands Gill. Chopwell. Spen.

On P.A.C. Lists:— Eastern Area—1,247 persons.
Western Area— 469 persons.

Your Sanitary Staff consists of myself as part-time Medical Officer of Health, with Mr. Taylor P. Veitch, A.R.S.I., Senior Sanitary Inspector; Mr. George E. Renwick, A.R.S.I., and Mr. Wilson Joyce, A.R.S.I., Junior Sanitary Inspectors.

To the above I wish to acknowledge my indebtedness for valuable help during 1938, as well as to the Surveyor and Rating Department, for the statistics herein detailed, and for all assistance during my period of office as Medical Officer of Health 1906-39.

Yours obediently,

HOWARD MORRISON,

B.Hy., D.P.H.,

Medical Officer of Health.

TABLE I.

Vital Statistics of Whole District during 1938 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.			
	1	2	Uncorrected Number	Nett.	Number †	Rate	of non-resid'nts in the District †	of Resid'nts not regist'd in the District †	Under 1 yr of age	All ages	Rate per 1000 Live Births	Number	Rate
1932	32480	32240	572*55	19.24	289	8.74	7	87	48*8	96.55	369	11.36
1933	32240	31930	520*58	17.93	287	8.90	18	86	44*5	84.77	355	11.01
1934	31930	31630	513*53	17.72	321	10.05	7	89	43*9	91.87	403	12.62
1935	31630	31485	501*34	16.9	303	9.58	12	97	31*10	76.63	388	12.26
1936	31485	31150	497*79	18.29	262	8.32	8	89	39*6	81.76	343	10.89
1937	31150	30790	481*78	17.62	309	9.92	15	107	46*8	100.19	386	12.84
1938	30790		422*87	16.53	258	8.38	9	110	25*13	74.65	368	12.37

Area of District in acres (exclusive of area covered by water) 9,314
 * With Births or Deaths outside area.

Total population at all ages ...
 Number of inhabited houses ...
 Average number of persons per house ...

32,263 } At
 7,290 } Census of
 4.4 } 1931

TABLE II.

Cases of Infectious Diseases notified during the Year 1938.

Notifiable Disease	Total cases notified in each locality e.g. Parish or Ward of the District							Total cases removed to hospital
	At all ages	Blaydon, Stella, Derwenthaugh	Winlaton, Barlow, Winlaton Mill	Rowlands Gill Highfield, Garesfield	Chopwell	Spenn	Blackhall Mill Milkwell Burn	
Small-pox ...	...						
Cholera ...	...						
Diphtheria (including Membranous Croup) ...	126	18	27	22	41	15	3	119
Erysipelas ...	26	8	7	1	5	4	1	
Scarlet Fever ...	169	62	73	10	21	3		146
Enceph. Lethargica ...	...						
Enteric Fever ...	...						
Paratyphoid Fever ..	...						
Pneumonia ...	26	5	4	3	10	4		
Dysentery ...	...						
Puerperal Fever ...	...						
Puerperal Pyrexia ...	...						
Cerebro-spinal Meningitis ...	3	1	1	1				1
Poliomyelitis ...	1	1						
Ophthalmia Nonatorum ...	1				1			1
Pulmonary Tuberculosis ...	26	9	6	2	7	2		
Other forms of Tuberculosis ...	23	7	10		5		1	
Totals ...	401	111	128	39	90	28	5	267

Joint Isolation Hospital—Norman's Riding, 64 beds.

TABLE III.

Causes of, and ages at, Death during Year 1938.

Causes of Death	Nett Deaths at the subjoined ages of Residents whether occurring within or without the District.									Total deaths of non- residents in the district
	At all ages.	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	
Cerebrospinal Meningitis	*1				*1					
Dysentery ...										
Enteric Fever ...										
Smallpox ...										
Measles ...	1	1								
Scarlet Fever ...	1				1					1
Pertussis ...	3		2	1						
Diphtheria ...	9			1	8					5
Influenza ...	1						1			
Erysipelas ...										
Diarrhœa and Enteritis	4* 1	3* 1							1	
Phthisis ...	11* 1				2	2	3	4*1		
Tuberculous Meningitis	* 1							*1		
Other Tuberculous Dis's	1						1			
Bronchitis ...	9* 1	1						3*1	5	
Pneumonia (all forms) ...	13* 8	3* 1	1	*1	*1	1	1*2	5*2	2*1	
Other acute Respiratory Diseases ...	3* 5	1* 1					1	*2	1*2	
Cancer ...	26*12							13*5	13*7	
Rheumatism ...	1* 2				*1			1	*1	
Meningitis ...	1					1				
Organic Heart Diseases	25* 4						2*1	12*3	11	1
Appendicitis ...	* 1					*1				
Liver Cirrhosis ...										
Epilepsy ...	1							1		
Nephritis ...	4* 6					*1	*2	1*2	3*1	
Puerperal Fever ...										
Other accidents and diseases of Pregnancy and Parturition ...	3* 2	2				1	*2			
Congenital diseases and Premature birth ...	14* 9	14* 9								
Accident ...	6* 8					1*2	1*3	4	*3	2
Suicide ...	2					1	1			
Apoplexy ...	41* 8							13*1	28*7	
Diabetes ...	* 3							*2	*1	
Other defined diseases	12* 18	* 1			1	2*2	*3	4*9	5*3	
Ill-defined and Old Age	66*19							1*1	65*18	
	258 *110	25 *13	3	2 *1	12 *3	9 *6	11 *13	62 *30	134 *44	9

* Deaths of residents occurring outside the district.

TABLE IV.
BLAYDON URBAN DISTRICT.

Ages of Notifiable Diseases Patients, 1938.

Cause	Total	Under 1 Year	1-2 Years	2-3 Years	3-4 Years	4-5 Years	5-10 Years	10-15 Years	15-20 Years	20-35 Years	35-45 Years	45-65 Years	Upwards	Admitted to Hospital	Total Deaths for year
Scarlatina	169		1	6	14	16	78	36	7	5	2	1		146	1
Diphtheria	126		4	4	6	9	49	39	11	4	4	10		119	9
Pneumonia	26					1	2	3	2	5	3	10			2
Erysipelas	26								3	2	4	13	4		
Cerebrospinal	3						1	1	3		1				1
Oph. Neonatorum	1	1												1	
Poliomyelitis	1				1							7			11
Pulm. Tuberculous	26						1	2	1	13	2				1
Non-Pulm. Tuberculous	23				1		8	9		4	1				

**Cases of Infectious Diseases admitted to Isolation Hospitals
during the Year 1938.**

Disease.	Cases admitted to hospital
Smallpox	Nil.
Scarlet Fever	146
Diphtheria	119
Enteric Fever	1 observation
Puerperal Fever	Nil
Puerperal Pyrexia	Nil
Pneumonia	Nil
Ophthalmia Neonatorum	1, and 1 nursing mother
Erysipelas	2
Cerebro-spinal Fever	1
Encephalitis Lethargica	Nil
Acute Poliomyelitis	Nil
Acute Polioencephalitis	Nil
Dysentery	Nil
Chickenpox	1
Measles	3
Scarlatina and Diphtheria	14



