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RURAL DISTRICT COUNCIL
OF
BASFORD.

ANNUAL REPORT

FOR
1912.

BY
GEORGE BURY WRAY, M.R.C.S., D.P.H.,
MEDICAL OFFICER OF HEALTH.

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1913.

RURAL DISTRICT COUNCIL OF BASFORD.

Chairman - - **WM. B. HANSON, Esq., J.P.** (Appointed April, 1912.)

Vice-Chairman - **WM. CLIFTON Esq.** (" " ")

<i>Parishes.</i>	<i>District Councillors.</i>	<i>Parishes.</i>	<i>District Councillors.</i>
Annesley and Felley	Mr. J. T. BARKER (14)	Kimberley	Mr. W. CHAMBERS (9)
Awsorth - -	„ J. H. HUNT (8)	Lambley - -	„ J. RADFORD (obit) (4)
Barton - -	Rev. C. A. HODGSON (28)	Lynby - -	„ H. MACHIN (2)
Bestwood Park	Mr. J. LAMIN (3)	Newstead - -	„ J. B. SMITH (26)
Bilborough - -	„ R. MOORE (16)	Nuthall - -	„ W. B. HANSON (16)
Bradmore - -	„ T. WALKER (23)	Papplewick - -	„ J. W. CUNDY (15)
Brinsley - -	„ W. CHAMBERS (6)	Ruddington - -	„ W. LOWE (obit) (8)
Bunny - -	„ W. SMEETON (6)	Selston - -	Rev. C. HARRISON (9)
Burton Joyce	„ J. G. SHORT (2)	„ - -	Mr. W. WOOD (9)
Calverton - -	„ W. CLIFTON (13)	Shipley - -	„ P. WALKER (21)
Clifton Rev. ROSSLYN BRUCE, M.A., D.D. (resigned)	(8)	Stoke Bardolph	„ A. A. AVIS (15)
Codnor Park -	Mr. A. F. WRIGHT, J.P. (17)	Strelley - -	„ W. OLDERSHAW (18)
Colwick - -	„ F. PEARSON (4)	Thrumpton - -	„ J. ELLIOTT (3)
Cossall - -	„ A. HEWLETT (5)	Trowell - -	„ J. M. TOWSON (10)
Gamston - -	Mr. W. WALKER (obit) (26)	WILFORD (South)	Rev. J. CLOUGH (15)
Gedling - -	„ H. TAYLOR (18)	Wollaton	Mr. C. E. M. S. PILKINGTON (9)
Gotham - -	„ W. HOWARD (1)	Woodborough	Mr. A. BISH (3)
Greasley - -	„ W. BIRKIN (2)		

The numbers in parantheses after each name represent the number of years service.

The period elected for expires this year in the following Parishes viz :—Papplewick, Ruddington, Selston, Stoke, Strelley, Thrumpton, Trowell, Wilford, Wollaton, Woodborough, Brinsley and Shipley. There are also vacancies in Clifton and Gamston.

REPORT.

The following is my report for 1912.

THE DISTRICT.

THE RURAL DISTRICT OF BASFORD consists of 35 parishes—33 in Nottinghamshire and 2 in Derbyshire.

GENERAL STATISTICS.

	Census, 1901.	Census, 1911.	Estimated, 1912.
Population ...	39947	43419	43852
Inhabited Houses	8431	9566	9743
New Houses erected during the year, 41.			
Area :—Land, 65437 acres.		Assessable Value, £249,845.	

VITAL STATISTICS.

	1910.	1911.	1912.
Birth Rate ...	28·75	26·50	24·44
Infantile Mortality ...	92·57	103·38	94·17

DEATH RATE PER 1000.

All Causes ...	12·25	11·79	11·47
Epidemic Diseases ...	1·23	1·45	·54
Enteric Fever and Diarrhoea	·26	·59	·04
Phthisis ...	·78	·57	·54

To meet the requirements of the County Councils, I have divided this Report into two parts, the first relates to the Nottinghamshire parishes, and the second to those of Derbyshire. Separate tables of Vital Statistics for each are given at the end.

THE COUNCIL consists of 35 members, the Parishes of Annesley and Felley being joined together and having one representative, while the larger parish of Selston has two.

THE SANITARY OFFICERS. At the beginning of the year you decided to advertise for and appoint two Inspectors of Nuisances to work under me as the Health and Sanitary Department, with offices in Burton Buildings, Parliament Street, Mr. Maylan to act as Engineer and Surveyor and remain at the Public Offices, Basford; and you delegated the work of organising the change, and appointing the Inspectors to the Housing and Town Planning

Committee, who, on February 20th, 1912, appointed Messrs. W. Milns and A. Brook as Inspectors of Nuisances and Inspectors under the Housing and Town Planning Act, 1909, at commencing inclusive salaries of £120, together with bicycles and travelling expenses, as certified by me. The Inspectors commenced work on April 1st, but at the end of the month Mr. Brook resigned, and the Committee, with the consent of the Local Government Board, appointed Mr. B. Penny, who was third on the list of selected candidates at the first appointment. Mr. Penny commenced work on June 10th, 1912. The District was divided into two, and an Inspector appointed to each Division; this was done by order of the Local Government Board.

The work of the Inspectors has been well and conscientiously carried out, and special attention has been given to Slaughter Houses, and the condemnation of tuberculous meat, for which both Inspectors are fully qualified. A tabulated statement of their work done will be found further on in this Report. The travelling expenses of both Inspectors as certified by me amount to about £7 since April 1st last.

The following are details of the divisions of the District.

No. 1 DISTRICT.—Area 35,147 acres. Population, 21,320; comprising the Parishes of Codnor Park, Shipley, Annesley, Bestwood Park, Brinsley, Burton Joyce, Calverton, Colwick, Felley, Gedling, Lambley, Lynby, Newstead, Papplewick, Selston, Stoke Bardolph and Woodborough. Mr. W. Milns, Inspector.

No. 2 DISTRICT.—Area, 30,290 acres. Population, 22,235; comprising the Parishes of Awsworth, Barton, Bilborough, Bradmore, Bunny, Clifton, Cossall, Gamston, Gotham, Greasley, Kimberley, Nuttall, Ruddington, Strelley, Trowell, Thrumpton, Wilford and Wollaton. Mr. B. Penny, Inspector.

The number of houses in each District is practically equal.

PART I.

THE NOTTS. PORTION OF THE DISTRICT.

The following table shows the parishes, areas, inhabited houses, and the populations of the Parishes and Sub-Districts, according to the Census of 1911:—

Sub-District		Parishes included.	Acres	Inhabited Houses, Census 1911	Population Census 1911	Estimated Population 1912
No.	Name					
Population						
1—Greasley 25625	{	Brinsley	957	376	1691	1725
		Kimberley	838	1141	5174	5180
		Selston	3318	1860	8982	9182
		Annesley	3125	256	1183	1183
		Greasley	5424	1289	5970	6004
		Felley	413	6	32	32
		Awsworth	367	331	1617	1627
		Nuthall	1349	158	682	692
2—Ilkeston 1400	{	Cossall	987	210	991	996
		Trowell	1621	82	404	404
3—Beeston 945	{	Wollaton	2097	127	551	551
		Bilborough	1098	45	197	197
		Strelley	1069	44	197	197
4—Hucknall 2173	{	Lynby	1488	62	273	273
		Newstead	3258	191	961	961
		Papplewick... ..	1986	67	320	320
		Bestwood Park	3729	121	619	619
5—Arnold 2648	{	Calverton	3424	275	1101	1101
		Woodborough	1945	193	697	697
		Lambley	2174	194	834	850
6—Carlton 3932	{	Burton Joyce	1388	235	963	963
		Gedling	1918	357	1544	1638
		Stoke Bardolph	1115	45	197	197
		Colwick	1340	227	1060	1060
		Gamston	448	17	74	74
7—Wilford 5696	{	Ruddington	2990	653	2772	2806
		Bradmore	1254	54	199	199
		Bunny	2137	51	211	211
		Gotham	2563	261	1086	1086
		Thrumpton	1014	37	133	133
		Barton	1564	58	271	271
		Clifton-cum-Glapton	1921	81	350	350
		Wilford	1549	153	633	640
Totals		...	61868	9257	41969	42419

VITAL STATISTICS.

Tables of Statistics are placed at the end, viz.:—Tables I. to IV. newly altered this year by the Local Government Board; and Tables V. and VI. recommended by the Society of Medical Officers of Health. These latter refer to the Nottinghamshire portion of the District only. There are also tables giving the Meteorological conditions at different points in and around the District during the year.

Statistics not belonging to the District and quoted for comparison are those for Rural England and Wales, and are derived from the "Quarterly Returns" of the Registrar General, which, as they are averaged, are liable to slight discrepancies when compared with those given in his "Annual Report." The difference, however, will not cause serious error, or greatly affect the conclusions to be derived therefrom.

THE POPULATION.—Owing to the general conditions of trade in the District, the coal strike in the early part of the year, and the diminished birth-rate, I have made a slightly increased estimate of the population up to the middle of the year, viz.:—42,419. On these figures I base the calculation of rates which appear later on in this Report.

The continued fall in the birth-rate is the worst feature in the Statistics—it has gone down 4 per 1000 in two years—and unfortunately the fall is general all over the country. The general death-rate and rate from Tuberculosis show a very slight increase, and there is a marked increase from Respiratory diseases, while the rate from Diarrhœa and Enteritis (under two years) is very slight—no doubt the wet, sunless, dreary weather had a good deal to do with the incidences of these diseases, and we must not look for a continuance of this low rate if the coming year be hot and dry.

BUILDING OPERATIONS have been unusually slack during the year, 183 plans were laid before the General Purposes Committee, of which eight were disapproved. The plans included a large Factory, Bakery and new Public Hall at Ruddington, a Picture Palace at Jacksdale and one at Kimberley, a Slaughter House at Selston, and new Cow-sheds at Gedling. Plans for a large number of structural alterations of a decided improvement have been sent in, probably in anticipation of any action which might be taken by the "Housing Committee."

NEW BYE-LAWS.—A proposal to adopt new bye-laws, with a view to encourage the building of cheaper houses in the District is under consideration by the Special Works Committee.

MARRIAGES.—The number of persons married was 634. This corresponds to a Marriage rate of 14·4 per 1000 of population, a slight increase on the rate of 1911.

BIRTHS.—1051 births were registered during the year. Of these 525 were males and 526 females. Among the males 27, and among the females 19 were illegitimate.

The registration was distributed over the four quarters of the year as follows:—

	Legitimate.			Illegitimate.		
	Males.	Females		Males.	Females	Total.
1st quarter ...	130	131	...	9	6	276
2nd ,, ...	121	117	...	5	2	245
3rd ,, ...	120	144	...	9	7	280
4th ,, ...	127	115	...	4	4	250
Totals ...	498	507		27	19	1051

In addition the Registrar General has transferred four births from other Districts (probably Workhouses) to this, thus bringing the number up to 1055.

The births during the ten years immediately preceding were as follows:—

Year.	No. of Births.
1911	1117
1910	1220
1909	1206
1908	1205
1907	1123
1906	1151
1905	1173
1904	1288
1903	1293
1902	1250

The Natural increase, *i.e.*, the excess of births over deaths, was 569, and the birth rate 24·87 per 1000. This rate is a marked decrease on last year's rate of 26·61. The rate for Rural England and Wales was 22·6.

DEATHS.—The registered number of deaths was 447, but of these 14 belonged to other Districts, so I have excluded them and sent particulars to the Medical Officers of Health concerned. 53 Deaths of inhabitants of the District occurring outside the District I have included, bringing the number up to 486. These give a corrected death rate of 11·45 per 1000 living; this rate is '7 below the death rate for Rural England and Wales, viz.: 12·1.

SEASONAL MORTALITY.—The numbers occurring in each quarter of the year and in the 8 preceding years are as follows:—

	1904	1905	1906	1907	1908	1909	1910	1911	1912
1st quarter	190 ...	164 ...	140 ...	202 ...	181 ...	159 ...	136 ...	110 ...	162
2nd „	112 ...	132 ...	116 ...	114 ...	131 ...	134 ...	151 ...	132 ...	117
3rd „	150 ...	138 ...	115 ...	111 ...	112 ...	113 ...	78 ...	145 ...	92
4th „	147 ...	142 ...	157 ...	143 ...	135 ...	142 ...	142 ...	110 ...	115
	599	576	528	570	559	548	509	497	486

The following recorded rates for 1912 are for comparison:—

Death rate for England and Wales	...	...	13·3
„ „ 95 Great Towns	...	...	14·6
„ „ 146 other Town Districts...	...	...	13·0
„ „ Rural England and Wales	...	...	12·1
„ „ London	...	...	14·3
„ „ Nottingham	...	...	14·4
„ „ Basford Rural District	...	...	11·4

AGE MORTALITY.—The numbers during the past 10 years are given below:—

	Deaths. under 1 year.	Deaths. under 5 years.	Deaths. 5 to 65 years.	Deaths. 65 years and upwards.
1903	... 170	... 239	... 178	... 128
1904	... 157	... 216	... 234	... 149
1905	... 139	... 209	... 208	... 159
1906	... 127	... 174	... 197	... 157
1907	... 137	... 193	... 197	... 180
1908	... 144	... 185	... 192	... 182
1909	... 121	... 169	... 197	... 182
1910	... 110	... 164	... 180	... 165
1911	... 117	... 150	... 187	... 160
1912	... 99	... 133	... 182	... 171

These figures show the mortality at the extremes of life.

THE INFANT DEATH RATE was 93·83 per 1000 registered births as compared with 104·74 in 1911; 203·7 per 1000 total deaths; and 2·2 per 1000 living. The rate for Rural England and Wales was 86.

DEATHS IN PUBLIC INSTITUTIONS numbered 48 viz.—Basford Workhouse, 25; County Asylum, 5; City Isolation Hospital, 1; General Hospital, 10; Ripley Hospital, 1; Loughborough Hospital, 2; Derby Hospital, 1; and the Sanatorium, 3. These are now transferred by the Registrar General, and distributed by the County Medical Officer of Health amongst the different Districts of the County, so that the statistics of each may be as nearly correct as possible.

INQUESTS.—Coroners' inquests were held in 26 cases (as compared with 32 in 1911).

The age periods were:—

Under 1 yr.	1-5yrs.	5-15yrs.	15-25yrs.	25-65yrs.	65 yrs. upwards
2	1	2	2	16	3

The following were returned as causes of death:—

Drowned ...	...	...	...	...	...	3
Syncope and Heart Disease	...	...	...	...	...	3
Burns and Scalds ...	...	...	...	...	..	1
Run over ...	...	...	...	...	...	3
Colliery Accidents...	...	...	...	...	...	6
Suicide ...	...	...	...	...	...	3
Other Causes	...	...	...	...	...	7
						<hr/> 26

UNCERTIFIED DEATHS.—15 deaths have been registered as “not certified” during the year, as compared with 11 in 1911. The following is a classification:—

		Uncertified Deaths.			
Causes.		Age-periods			
Convulsions ...	2	...	0—1 yrs.	...	4
Heart Disease...	6	...	1—5 „	...	1
Premature Birth	1	...	15—25 „	...	1
Apoplexy ...	1	..	25—65 „	...	5
Other Causes ...	5	...	65 and upwards	...	4
		<hr/>			
		15			15

Table shewing the number and distribution of Inquests held, and the uncertified deaths recorded during 1912.

REGISTRATION SUB-DISTRICT	INQUESTS held in the District during the year 1912.					DEATHS. recorded as "uncertified" during the year 1912				
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Greasley	1	3	3	4	11	5	2	2	...	9
Ilkeston	...	1	...	...	1	...	...	...	...	...
Beeston	1	1	2	...	4	...	...	...	...	...
Hucknall	...	...	...	1	1	1	...	...	1	2
Arnold	...	1	...	...	1	...	...	...	1	1
Carlton	3	2	...	2	7	...	...	1	1	2
Wilford	...	...	...	1	1	1	...	...	...	1
Totals	5	8	5	8	26	7	2	3	3	15
Rate per 100 ... total deaths	3·7	6·8	5·4	6·9	5·3	4·3	1·7	3·2	2·6	3·0
Percentage England and Wales	6·7	7·4	8·6	7·8	7·6	1·4	1·2	1·3	1·3	1·3

EPIDEMIC DEATHS.—21 deaths are recorded as occurring from the seven principal Epidemic disease, viz:—(1) Small-pox, (2) Scarlet Fever, (3) Diphtheria, (4) Fevers (including Typhus, Enteric or Typhoid), and other continued fevers, (5) Measles, (6) Whooping Cough, and (7) Diarrhœa and Enteritis.

The EPIDEMIC DEATH-RATE, derived from the above-mentioned diseases, was '49 per 1000 living, *i.e.*, '93 below that of the previous year. The Epidemic death-rate for Rural England and Wales was 1·01 per 1000 living.

Further particulars of Epidemic Mortality are given in the following table :—

DISEASES.	TOTAL DEATHS FROM EPIDEMIC DISEASES, DURING										Annual Average of 10 years 1903-1912.
	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	
Small-Pox ...	1	1	...	...	...	...	...	...	...	...	'2
Measles ...	18	4	26	...	15	2	8	33	8	7	12.1
Scarlet Fever ...	...	8	7	1	...	3	2	...	2	1	2.4
Diphtheria ...	5	9	15	8	8	8	4	3	4	6	7.0
Whooping Cough...	23	16	6	6	23	9	7	8	5	5	10.8
Typhus Fever ...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	5	5	8	5	1	1	3	2	2	...	3.2
Diarrhœa ...	28	29	16	31	9	14	10	7	39	2	18.5
TOTALS ...	80	72	78	51	56	37	34	53	60	21	54.2

A.—NOTIFIABLE EPIDEMIC DISEASES.

The Diseases notified in this District are those enumerated in the Infectious Disease Notification Act (1889), viz., Small-pox, Cholera, Diphtheria, Membranous Croup, Erysipelas, the disease known as Scarlatina, or Scarlet Fever, and the Fevers known by any of the following names :—Typhus, Typhoid, Enteric, Relapsing, Continued or Puerperal, and by orders of the Local Government Board Plague, Cerebro-Spinal Fever, Acute Poliomyelitis and Tuberculosis have been added.

The following tables show the monthly occurrence of these diseases, and the deaths recorded.

Cases of Notifiable Diseases occurring in each month of 1912.

Month	Scarlet Fever	Diph'teria & Membr. Croup	Enteric Fever	Ery- sipelas	Puer- peral Fever	..	Totals
January ...	10	14	1	3	...	...	28
February ...	3	4	...	2	...	...	9
March ...	6	7	2	6	...	...	21
April ...	1	7	1	3	...	...	12
May ...	3	4	2	1	1	...	11
June ...	...	8	...	4	...	I. A. P.	13
July ...	2	5	1	4	...	...	12
August ...	3	4	1	1	...	...	9
September ...	7	3	...	1	...	I. C. S. M.	12
October ...	4	2	...	4	...	...	10
November ...	21	10	2	2	...	...	35
December ...	23	10	...	...	...	...	33
Totals...	83	78	10	31	1	2	205

Deaths from Notifiable cases in each month of 1912.

Month	Scarlet Fever	Diph'teria & Membr. Croup	Enteric Fever	Ery- sipelas	Puer- peral Fever	Small- pox	Totals
January	1	...	...	...	...	1
February
March
April
May	2	...	...	...	...	2
June	1	...	...	...	...	1
July
August
September ...	1	...	...	...	...	...	1
October	1	...	...	...	...	1
November	1	...	...	...	...	1
December
Totals...	1	6	...	...	...	...	7

The table below shows the cases notified, and the deaths during the past thirteen years :—

			Scarlet Fever	Diphtheria & Mem. Croup	Enteric Fever	Erysipelas	Puerperal Fever	Poliomyelitis	Cerebo- Spinal Fever	Totals
Notified Cases in :—										
"	"	1900	260	36	58	43	2	...	...	399
"	"	1901	320	48	62	48	1	...	...	479
"	"	1902	147	37	28	33	2	...	...	248
"	"	1903	115	33	41	34	1	53	...	277
"	"	1904	251	42	32	33	2	10	...	370
"	"	1905	226	65	44	45	2	1	...	383
"	"	1906	165	70	39	26	1	...	...	301
"	"	1907	98	69	21	31	1	...	...	220
"	"	1908	130	65	15	29	1	...	...	240
"	"	1909	101	69	16	29	5	...	...	220
"	"	1910	46	39	13	33	4	...	...	135
"	"	1911	133	49	13	38	2	...	...	235
"	"	1912	83	78	10	31	1	1	1	205
Deaths from Notifi- able Diseases in										
"	"	1900	5	4	5	1	3	...	...	18
"	"	1901	5	9	5	1	...	...	...	20
"	"	1902	2	4	2	...	...	...	...	8
"	"	1903	...	5	5	...	2	1	...	13
"	"	1904	8	9	5	2	3	1	...	28
"	"	1905	7	15	8	1	2	...	...	33
"	"	1906	1	8	5	3	...	...	...	17
"	"	1907	...	8	1	1	...	...	...	10
"	"	1908	3	8	1	1	1	...	...	14
"	"	1909	2	4	3	2	3	...	...	14
"	"	1910	...	3	2	1	2	...	...	8
"	"	1911	2	4	2	...	...	...	...	8
"	"	1912	1	6	...	...	...	...	...	7

DISINFECTION.—On receipt of a notification I send a leaflet of "Rules for the prevention of the spread of Infectious Diseases," and one of "Rules for the admission of patients into the Basford Sanatorium," together with an addressed post-card to the occupier of the house in which the disease has occurred. I also inform the Inspector, and if it be one which it is desirable should be isolated in Hospital, I visit it immediately myself, with a view to early removal. On the postcard being returned, signed by the Doctor in attendance, the house is visited and disinfected by an Officer of the Council.

During the year 96 cards were sent out, and of these 71 were returned, and the houses disinfected. In addition, the houses of patients removed to Hospital were disinfected, bringing the total number up to 145.

SCARLET FEVER.—83 cases were notified, as compared with 133 in 1911. Of these 39 were removed to Hospital, where one death occurred. In Selston there were 29 cases, of which 13 were removed to Hospital, the cases were spread over the whole of the year and in the different hamlets of the Parish, and at no time assumed epidemic form. A school outbreak in Bestwood—21 cases, 14 removed to Hospital—and another at Nuttall—8 cases, 6 removed to Hospital—occurred in November and December, and were quickly controlled by School Closure.

DIPHTHERIA.—78 cases were notified as compared with 49 in 1911. 39 were removed to Hospital and there were 6 deaths. In Selston there were 24 cases and 10 removals; and Kimberley 12 cases, 8 removals; Awsworth 10 cases, 7 removals; and Greasley 11 cases, 4 removals. The use of Antitoxin continues very general in the District, and its effect on the death-rate is very marked, compared with former years.

ENTERIC FEVER.—10 cases were notified and 4 were removed to Hospital. There were no deaths.

ERYSIPILAS.—31 cases were notified.

PUERPERAL FEVER.—1 case was notified.

SMALL POX has been absent from the District throughout the year.

PULMONARY TUBERCULOSIS.—The notification of this disease came into force on January 1st, 1912, by Order of the Local Government Board, who issued a third set of Regulations. All these Regulations are now—February, 1913—superseded by a fresh set, making all cases of Tuberculosis notifiable, instead of Pulmonary Tuberculosis only, as formerly. During the year 45 primary notifications were received from Medical Practitioners, and 9 from Medical Officers of Hospitals, making 54 cases in all; of these, 8 were treated in the Ransom Sanatorium, and 5 in the General Hospital.

ACUTE POLIOMYELITIS AND CEREBRO-SPINAL FEVER.—One case of each disease was notified. The case of Cerebro-Spinal Fever proved fatal in a very few days.

B.—NON-NOTIFIABLE EPIDEMIC DISEASES.

MEASLES.—This disease was very prevalent, and necessitated School Closure in 9 schools; there were 7 deaths.

WHOOPING COUGH was slightly prevalent and two schools were closed in consequence; there were 5 deaths.

DIARRHŒA AND ENTERITIS.—These diseases in young children are now grouped together, and caused only 2 deaths. No doubt the very wet summer and autumn, with diminished number of flies and amount of dust, were the chief factors in this light mortality.

SCHOOL CLOSURE.—The following is a list of schools closed during the year, owing to epidemic diseases:—

Colwick	Diphtheria	from Jan. 18	to Feb. 12
Bestwood	Measles	„ „ 22	„ „ 16
Gilthill (Infts.)	„	„ Feb. 12	„ „ 26
Awsworth (Infts.)	„	„ „ 12	„ „ 26
Gedling (Infts.)	„	„ „ 19	„ Mar. 4
Calverton (Infts.)	„	„ May 17	„ June 17
Wollaton	„	„ June 1	„ „ 24
Woodborough	„	„ July 2	„ July 22
Newstead	Whooping Cough	„ Aug. 26	„ Sept. 16
Nuttall	Measles	„ Oct. 3	„ Nov. 4
Calverton (Infts.)	Whooping Cough	„ Oct. 9	„ „ 4
Bestwood	Scarlet Fever	„ Nov. 23	„ Xmas
Newstead	Measles	„ Dec. 3	„ „
Nuttall	Scarlet Fever	„ „ 14	„ „

COMPARATIVE TABLE.

<i>Annual Death-rate per 1000 living.</i>									
	Total Deaths	Principal Epidemic Diseases	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Fever	Diarrhoea and Enteritis	Small-Pox
Rural England and Wales, 1912	12·1	1·01	·20	·04	·10	·17	·04	5·54	...
B'ford Rl. Dis. 1912	11·4	·49	·16	·02	·14	·11	...	·04	...
" " 1911	...	1·42	·19	·04	·09	·12	·04	·93	..
" " 1910	12·0	1·25	·78	...	·07	·18	·04	·16	...
" " 1909	13·1	·81	·19	·04	·09	·16	·07	·23	...
" " 1908	13·5	·89	·04	·07	·19	·21	·02	·33	...
" " 1907	13·9	1·36	·36	·00	·19	·56	·02	·21	...
" " 1906	13·0	1·26	·00	0·2	·19	·14	·12	·76	...
" " 1905	14·3	1·94	·64	·17	·37	·14	·19	·37	·02
" " 1904	15·0	1·81	·10	·20	·22	·40	·12	·74	·02
" " 1903	13·8	2·03	·45	...	·12	·58	·12	·71	...
" " 1902	13·9	·87	·02	·05	·10	·15	·05	·48	...

THE SANATORIUM.—The Hospital Committee have met 7 times, the average attendance being 5.

The Hospital is situated on the Hucknall Road, Old Basford, just within the City boundary, and is fairly central for the District. There are 28 beds, and the wards are so arranged that three diseases (both sexes) can be concurrently treated. Agreements have been entered into with the Urban Districts of Arnold, Carlton, Eastwood, Heanor, Kirkby and West Bridgford, the Rural District of Bingham and the Basford Board of Guardians, for cases from their Workhouse, whereby cases from those Districts are admitted for treatment at a daily tariff.

I append tables similar to those of last year, showing the number of cases notified and isolated in each parish, and a general statistical table for the Sanatorium for the year, and copies of the Annual Reports of the Clerk and myself, the Medical Attendant, and the Matron, which were presented to the Hospital Committee at their Annual Meeting.

The Monthly admissions from Notts. Parishes were as follows :-

1912		S.F.		Diph.		Ent.		Total.
Jan.	...	1	...	5	...	—	...	6
Feb.	...	1	...	1	...	—	...	2
Mar.	...	2	...	4	...	—	...	6
April	...	1	...	1	...	—	...	2
May	...	2	...	3	...	1	...	6
June	...	—	...	5	...	—	...	5
July	...	—	...	3	...	1	...	4
Aug.	...	1	...	2	...	1	...	4
Sept.	...	3	...	4	...	—	...	7
Oct.	...	2	...	—	...	—	...	2
Nov.	...	14	...	4	...	1	...	19
Dec.	...	12	...	7	...	—	...	19
		—		—		—		—
		39		39		4		82

The following table shows the number of cases notified in each parish and those removed to the Sanatorium.

NOTTS. PORTION.

Sub-District	Parish	CASES NOTIFIED			Cases Isolated in the Sanatorium		
		Scarlet Fever	Enteric Fever	Diphtheria	Scarlet Fever	Enteric Fever	Diphtheria
1 Greasley	Brinsley ..	2	1	0	0	1	0
	Kimberley ..	10	1	12	0	0	8
	Selston ..	29	4	24	13	2	10
	Annesley & Felley	0	0	1	0	0	0
	Greasley ..	2	0	10	0	0	4
	Awsworth ..	1	0	10	1	0	7
	Nuthall ..	8	0	0	6	0	0
2 Ilkeston	Cossall ..	0	0	3	0	0	2
	Trowell ..	0	0	0	0	0	0
3 Beston	Wollaton ..	0	0	1	0	0	0
	Bilborough ..	0	0	0	0	0	0
	Strelley ..	0	0	0	0	0	0
4 Hucknall	Bestwood Park ..	21	0	0	14	0	0
	Lynby ..	0	0	1	0	0	0
	Newstead ..	1	0	0	0	0	0
	Papplewick ..	0	0	0	0	0	0
5 Arnold	Calverton ..	0	0	0	0	0	0
	Woodboro' ..	0	0	0	0	0	0
	Lambley ..	0	0	0	0	0	0
6 Carlton	Burton Joyce ..	0	1	1	0	0	1
	Gedling ..	2	0	6	0	0	1
	Stoke Bardolph	0	0	1	0	0	1
	Colwick ...	3	0	4	1	0	2
	Gamston ..	0	0	0	0	0	0
7 Wilford	Ruddington ..	3	2	2	3	1	2
	Bradmore ..	0	0	0	0	0	0
	Bunny ..	0	0	0	0	0	0
	Gotham ..	1	0	0	1	0	0
	Thrumpton ..	0	0	0	0	0	0
	Barton ..	0	0	0	0	0	0
	Clifton-cum-Glapton ..	0	0	1	0	0	1
	Wilford ..	0	1	0	0	0	0
Totals ..		83	10	78	39	4	39

DERBYSHIRE PORTION.							
1 Greasley	Codnor Park ..	1	0	2	0	0	2
2 Ilkeston	Shipley ..	0	0	1	0	0	0

THE SANATORIUM.

1911. RURAL DISTRICTS	Remaining in from 1911				Admitted in 1912				Discharged in 1912				Died in 1912				Remaining in on Jan. 1st, 1913				Average No. of days in of cases discharged in 1912		
	Scarlet Fever	Enteric Fever	Diph- theria	Total	Scarlet Fever	Enteric Fever	Diph- theria	Total	Scarlet Fever	Enteric Fever	Diph- theria	Total	Scarlet Fever	Enteric Fever	Diph- theria	Total	Scarlet Fever	Enteric Fever	Diph- theria	Total	Scarlet Fever	Enteric Fever	Diph- theria
Notts. ..	13	1	4	18	39	4	38	81	29	5	33	67	1	..	2	3	22	..	8	30	47	52	41
Derbyshire ..	..	..	..	..	..	..	2	2	..	..	1	1	..	..	..	..	..	..	1	1	..	..	36
Urban Districts	3	..	1	4	17	2	11	30	19	2	8	29	1	..	2	3	..	..	1	1	45	47	42
Totals ..	16	1	5	22	56	6	51	113	48	7	42	97	2	..	4	6	22	..	10	32	..	..	..

*To the Chairman and Members of the Hospital Committee
of the Rural District Council of Basford.*

GENTLEMEN,

We beg to present our Annual Report for the year ended December, 1912.

The present Committee was appointed by the Council on the 16th April, 1912, and consists of the following members, with Mr. William Oldershaw as Chairman :—

Mr. Barker.	Rev. C. A. Hodgson.
Mr. Chambers (K)	Mr. Hunt.
Mr. Cundy.	Mr. Oldershaw.
Rev. C. Harrison.	Mr. Pilkington.
Mr. Hewlett.	Mr. W. Walker.

The General Meetings have been held quarterly at the Sanatorium, as follows :—

25th June, 1912.
3rd September, 1912.
10th December, 1912.
4th March, 1913.

In addition Extraordinary Meetings were held as under :—

23rd April, 1912.
21st May, 1912.

During the year repairs to building, necessitated by Colliery Workings, have been carried out by the Babbington Coal Company. Negotiations are still proceeding with officials of the Company in respect of the necessary inside painting and decorative work, which requires attention.

We are glad to be able to report that no inconvenience was caused the patients or officials during the Coal Strike, as was the case in many Institutions—a sufficient supply of coal, etc., having been previously ordered and stored.

It has been found convenient to deal with the numbers of patients treated for the year ended 31st December, 1912, and with the Accounts of Receipts and Expenditure for the year last audited, viz., to 30th September, 1912.

The Officers of the Sanatorium, with the date of Appointment and present Salaries, are set out below :—

Name of Officer.	Office held.	Date of Appointment.	Present Salary.
Wray, G. B.	Medical Supt.	1896	Merges with that as M.O. of H.
Neilson, H. J.	Medical Att..	19th May, 1896	£55
Taylor, M. A.	Matron	27th Oct., 1905	60
Elliott, J.	Nurse	4th Oct., 1911	35
Whitbread, W. H. E.	Do.	31st Oct., 1911	35
Barker, N.	Do.	15th Aug., 1911	25
Button, A.	Probationer.	2nd May, 1911	18
Hampshire, M.	Do.	2nd April, 1912	14
Richards, S....	Do.	3rd Sept, 1912	14
Pendleton, L.	Cook	8th March, 1910	20
Harrison, E....	Laundress ..	3rd Sept., 1912	18
Williams, M.	Housemaid..	1913	18
Comerie, F. ...	Wardmaid...	25th June, 1912	14
Wright	Engineer	1st Dec., 1908	30/- weekly
Gibson	Gardener	9th Oct., 1900	24/- do. & Lodge
Wyer	Ass. Gardener	5th July, 1904	24/- weekly

The following Table shews the number of cases of Infectious Disease (Rural) notified and the number admitted to the Sanatorium for treatment :—

Dealing with the particular cases, the figures show :—

Scarlet Fever	... 84	Cases Notified.	39	Cases Treated.	46%
Enteric Fever	... 10	do.	4	do.	40%
Diphtheria	... 81	do.	40	do.	50%

Agreements are in force with the undermentioned Authorities for treatment of cases of Infectious Disease occurring within their areas at the following rates :—

Scarlet Fever	... ..	3/7 per day.
Enteric Fever	... ..	4/3 do.
Diphtheria	... ..	4/3 do.

Arnold Urban District Council.

Carlton do.

West Bridgford do.

Eastwood do.

Heanor do.

Kirkby-in-Ashfield do.

Bingham Rural District Council.

Basford Board of Guardians.

The following Table shows the number of outside cases treated during the year :—

Name of Council.	Scarlet Fever.	Enteric.	Diphtheria.	Total.
Arnold Urban ...	2	0	2	4
Carlton Urban ...	1	0	4	5
West Brigdford U....	7	0	1	8
Eastwood Urban ..	0	1	0	1
Heanor Urban ...	0	1	0	1
Bingham Rural ...	3	0	3	6
Basford Guardians...	4	0	1	5
	<hr/> 17	<hr/> 2	<hr/> 11	<hr/> 30

There have been six deaths during the period as follows :—

Name.	Parish.	Disease.
L. A. Watts	Carlton ...	Diphtheria.
E. M. Smith	Greasley ...	do.
G. Chadwick	Arnold ...	Scarlet Fever.
F. W. Walker ..	Carlton ...	Diphtheria.
O. Glazebrook	Ruddington...	Scarlet Fever.
J. Pinder	Awsorth ...	Diphtheria.

The number of days' maintenance totalled 4,818, 3,548 being in respect of Rural cases and 1,270 (equal to 26%) being in respect of outside cases.

The year's expenditure was as below :—

	£	£
Salaries	527	
Rates, Taxes, Insurance and upkeep ...	322	
Food, Necessaries and Drugs	527	
	<hr/>	1,376
Instalment of Loan repaid £368. Interest		169
		<hr/>
		<u>£1,545</u>

Receipts.

£

For maintenance of outside cases and costs of removal, etc.	<u>295</u>
--	-----	-----	-----	-----	-----	------------

The cost per head per day works out at 6/4 for all cases treated.

The original Loans totalled £12,825, and the outstanding balance at present is £4,376.

We are, Gentlemen,

Your obedient Servants,

G. B. WRAY,

Medical Officer of Health

and Medical Superintendent.

H. STONE,

Clerk to the Council.

Public Offices, Basford,

4th March, 1913.

To the Chairman and Members of the Hospital Committee.

GENTLEMEN,

I beg to present my report for the year 1912 as Medical Attendant at the Basford Sanatorium.

At the commencement of the year there were 22 cases under treatment, 113 were admitted, and 32 remained under treatment at the end of the year. These were made up as follows :—

Scarlet Fever. 56 admissions, 2 deaths. One of these was a child who had been badly burned, was comatose on admission, and died in 4 days from Meningitis. The other was of the Hæmorrhagic type, complicated with Diphtheria.

Diphtheria. 51 admissions, 4 deaths. One of these was moribund on arrival, and died $2\frac{1}{2}$ hours after admission. Another died 11 hours after admission, and the remaining two within 4 days.

Enteric Fever. 6 admissions, no deaths.

I am glad to be able to state that the cases of mistaken diagnosis were fewer than last year. One case of Tuberculosis was sent in as Enteric Fever, 2 cases of Erythema were sent in as Scarlet Fever, and 4 cases of Tonsillitis as Diphtheria.

There were only 2 return cases during the year.

The following complications occurred during 1912 :—

Scarlet Fever.

Albuminuria 12 cases, none severe.

Otorrhœa 10 cases.

Rhinorrhœa 20 cases.

Rheumatism 1 case.

Furunculosis 1 case.

Inflammation of Cervical Glands (none suppurating) 16 cases.

Meningitis 1 case.

Arthralgia 6 cases.

Diphtheria.

Albuminuria 11 cases.

Paralysis 5 cases.

Cardiac 24 cases.
 Tracheotomy 1 case.
 Croup 1 case.
 Rhinitis 16 cases.
 Inflammation of Glands 17 cases.
 Mastitis 1 case.
 Arthralgia 6 cases.
 Erysipelas 1 case.

Enteric Fever.

Thrombosis 1 case.
 Mucous Colitis 1 case.
 Arthralgia 1 case.

With the exception of one nurse, who had a mild attack of Scarlet Fever, the health of the Staff was very good.

Though the general death rate is slightly higher this year than last, this is accounted for by the fact that more than double the number of cases of Diphtheria were admitted during 1912 than in the former year, and a greater proportion of these than usual was of an extremely dangerous type.

It is also worthy of note that while year by year the cases of Enteric Fever have been decreasing in number, there have been admitted in the year 1912 as many cases of Diphtheria as were treated during all the first nine years of the Hospital's existence.

I have again to express my appreciation of the great assistance rendered by the Matron, Miss Taylor, and indeed by all the staff. The standard of nursing has been well maintained, and the fact that all the severe and complicated cases during the year were successfully dealt with, without any extra help, should be sufficient testimony to them.

I am, Gentlemen,

Your obedient Servant,

HENRY J. NEILSON, M.D.

To the Chairman and Members of the Hospital Committee.

GENTLEMEN,

In presenting my report for the year 1912, I am pleased to be able to state that the Staff have worked harmoniously, and the health has been excellent with the exception of one nurse, who contracted Scarlet Fever, it was a mild attack, and this is the first case of a nurse having Scarlet Fever at the Sanatorium during a period of twelve years.

Two Probationer Nurses have left during the year, one was unsatisfactory, and was allowed to leave before her time was up, and the other one left at the end of her two years engagement, their places were filled as the vacancies occurred.

There have been a good many severe cases of Diphtheria under treatment during the year, but I am glad to say that our own Staff were able to do the work without any extra help.

The repairs to the building were done during the summer months, the patients being removed from one block to another without discomfort or any ill effect, and the wards were thoroughly disinfected before and after each occupation.

We have received numerous letters of thanks and appreciation from patients and their relatives.

I am, Gentlemen,

Yours faithfully,

M. A. TAYLOR.

GENERAL.

By far the greater part of the surface of the District is occupied by the Trias, or new red sandstone formation, the two divisions of which—the Keuper and the Bunter—form broad bands several miles across. The Permian rocks occupy a narrow area along the western border of the Bunter beds, followed by a patch of coal measures—an easterly extension of the Derbyshire coal-field. There are also the drift deposits and the alluvium of the river valleys.

With the exception of the river valleys, which are flat, the configuration of the District is gently undulating, the highest point being not more than 500 feet above sea level; it is watered by many small brooks, some of which receive crude sewage from the hamlets near which they flow, but there is now no gross pollution of the streams in the District.

The District is essentially rural in character, the density of the population being less than 1 person per acre. The male population is chiefly employed in the collieries which abound in the north and the west portions of the district; whilst in the south and east agriculture and framework knitting are the chief occupations followed. The younger members of the community generally find employment at the lace and hosiery factories which are developing in the villages.

SEWERAGE.—Extensions of sewers have been approved for Allen's Green, Selston, and Evan's Row, Newthorpe. Plans and estimates for further treating the sewage of Ruddington were got out by Mr. Maylan, approved by you, and submitted to the Parish Council for their consideration, prior to application being made to the Local Government Board for sanction to borrow £1,680 to carry out the work.

WATER.—There has been an extension of the Strelley Mains into the Parish of Bilborough at a cost of £300, payable by Mr. Edge, the owner of the property supplied. Plans and estimates for an extension of the Ruddington Water Mains to the Parishes of Bradmore and Bunny were got out by Mr. Maylan, approved by you, and an application made to the Local Government for sanction to a loan. The total estimate for the work was £1,804, but owing to the recent serious rise in the price of iron, it is

probable this estimate will be exceeded. You have recently taken over the mains supplying New Cossall, and instructed Mr. Maylan to prepare plans and estimates for supplying the Parish with Nottingham Corporation water.

FACTORY AND WORKSHOP ACT, 1901.—Section 132 of this Act requires me to report specifically on the administration of the Act in workshops and workplaces, and send a copy of my Report to the Secretary of State.

FACTORIES.—No notice has been received from H.M. Inspector of Factories with respect to sanitary defects.

WORKSHOPS AND WORKPLACES.—As a rule these are clean and possess sufficient means of ventilation, but in winter-time there is great difficulty in getting the workpeople to make use of them. One complaint of want of cleanliness in workshops was received from H.M. Inspector, and was promptly attended to.

BAKEHOUSES.—As far as I know, there is no underground bakehouse in the District. In four of the bakehouses visited it was found necessary to order lime-washing, and this was done. There are 17 bakehouses on the register.

HOME WORK.—The work put out is chiefly lace mending and hosiery seaming. The out-workers as a rule are thrifty and their homes clean, but the very fact of their taking in home work in many cases points to large families; still in no case coming under my notice have I come across a case of preventable overcrowding, and no case of notifiable infectious disease has occurred in an out-worker's home. There are 220 out-workers on the list.

The employers now send a complete list of out-workers, and where names occur not in your District, I send them on to the Council of the District in which they work.

CANAL BOATS ACT.—The Canals (including the river Trent) under the supervision of your Officer are 23 miles long, and have 20 wharves and 32 locks. Heavy goods such as coal, bricks, ironstone, and timber are carried in the boats, and occasionally night-soil. Portions of the Canal were closed for a time for repairs.

During the past year 103 boats have been inspected, and their condition generally has been satisfactory, no cases of infectious

disease nor of overcrowding having occurred, and the boatmen have always given every facility for inspection. Five infringements of the Act were discovered, and all were remedied.

Owing to the localized character of the traffic on these Canals, there is very little fresh to report on from year to year. Probably the traffic, if anything, is decreasing.

HOUSING AND TOWN PLANNING ACT, 1909.—The Committee appointed to work this Act consists of the Chairmen and Vice-Chairmen of the Council and its Committees. Nine meetings were held, with an average attendance of 7. Closing Orders were made with respect to 38 houses, and the consideration of 39 others adjourned, of these, 16 have been made habitable, Form 3. [Notice by owner of intention to close] was signed in respect of 21 houses, and 6 were closed by the owners before Closing Orders became operative. Demolition orders were made for 19; and 13 were demolished without Statutory Orders. This is the result of 9 months work by the new Inspectors, and is a very satisfactory record.

TUBERCULOUS MEAT.—Considerable activity has been displayed by the Inspectors in inspecting slaughter houses and butchers' shops, and upwards of 2,000 lbs. of meat have been condemned and destroyed.

I append a report by Mr. Maylan for the first Quarter, and a joint report by the Inspectors for the rest of the year.

REPORT OF SANITARY INSPECTION WORK BASFORD DISTRICT.

During year 1912. 1st Quarter.

Note.—Particulars are only given where the Officer inspecting found insanitary conditions to exist.

Number of premises inspected upon which it was found
necessary to take action 274

Owners or occupiers of above upon whom it was necessary
to serve informal notices 54

Particulars of defects found on the above premises, the whole
of which have either been attended to or are in hand.

Offensive accumulations of refuse, etc.	...	...	170
Drains obstructed ... ..	...	...	9
Defective traps on drains ... ..	...	...	16
No disconnection of waste pipe and defective wastes			15
Other defects in connection with drainage ... ..	...	...	40
Insanitary privies and ashpits ... ..	...	...	38
Insufficient closet accommodation ... ..	...	...	10
Conversion of privies into w.c.'s ... ..	...	...	7
Defective water closets ... ..	...	...	2
Defective yard paving, etc. ... ..	...	...	33
Damp walls ... ..	...	...	1
Leaky roofs ... ..	...	...	1
Untrapped and faulty down pipes ... ..	...	...	3
Eaves' spouting bad ... ..	...	...	1
Insufficient and improper water supply ... ..	...	...	18
Nuisances from piggeries ... ..	...	...	1
Defective urinal ... ..	...	...	5

(Signed) S. MAYLAN.

BURTON BUILDINGS,
PARLIAMENT STREET,
NOTTINGHAM,
February, 1913.

*To the Chairman and Members,
Basford Rural District Council.*

GENTLEMEN,

We beg to submit herewith, our Report upon the work carried out in the District for the 9 months ending 31st December 1912.

114 nuisances reported.
383 preliminary notices served.
456 premises re-inspected.
200 notices complied with.
214 complaints received.
299 letters sent to obtain abatement of nuisances.

The following are the principal matters that have been dealt with :—

112	Orders served to provide efficient privies.
13	„ „ repair defectively paved yards.
28	„ „ provide eave and fall pipes.
24	„ „ cleanse and unstop choked drains.
66	„ „ efficiently trap yard drains.
12	„ „ repair defective W.C's.
8	„ „ cleanse dirty houses.
16	„ „ remove and cease to keep pigs.
22	„ „ repair defective house roofs.
77	„ „ remove foul accumulations.
8	„ „ abate overcrowding.
28	„ „ repair defective eaves and spouts.
17	„ „ repair or disconnect sink pipes.
7	„ „ empty and cleanse foul cesspools.
97	„ „ provide premises with sufficient and wholesome water supply.
50	„ „ connect privy ashpits to tub closets.

SLAUGHTER HOUSES.—The number of slaughter houses in the District is 51, to which 487 visits have been paid. While some of the premises are kept clean and in good structural repair, a number of the premises are in a very unsatisfactory condition. There are also a number which, from their close proximity to dwellings, are liable to be a serious nuisance unless kept under constant supervision.

We have made a report on slaughter houses to the Council, and suggested that urban powers should be obtained so that these premises can be registered and licensed, thereby rendering them more easy of supervision. We are glad to say that the Council intends to act on this suggestion. This will give us greater control over the conditions under which meat is prepared for sale as human food.

Two Knackers have been registered and are under regular inspection.

UN SOUND FOOD.—The following have been condemned as unfit for human food, and surrendered and destroyed by the owners.

Article of food.	Weight.	Reasons of condemnation.
2 Ox Kidneys	4 lbs.	Encapsuled abscess
3 Ox livers... ..	33 "	Spotted capilliary angiomatosis
3 Pigs plucks	21 "	Tuberculosis
Chuck and bosom beef ...	38 "	"
2 carcasses beef and offals...	1232 "	"
2 briskets beef	52 "	"
Head, neck and pluck of pig	24 "	"
Neck of beef	15 "	Decomposition and tuberculosis
Beef	174 "	Tuberculosis
Part of pig's head	6 "	"
Set of beast lights and skirts	6 "	"
1 pig and offal	286 "	"
1 pig's head... ..	18 "	"
Total weight	1909 "	

The following articles of food were seized when exposed for sale, or deposited for purposes of sale, and condemned by a magistrate.

Articles of food.	Weight.	Reasons for seizure.
1 carcase of pork and offal	212 lbs.	{ Deposited in slaughter house Generalized tuberculosis
Ribs and brisket beef ...	32 ,,	{ Deposited in slaughter house Localized tuberculosis
Total weight ...	244 ,,	

No prosecutions were undertaken during the year, but the owners of meat seized were warned. All other meat destroyed was voluntarily surrendered by the owners. The butchers have formed an Association to protect themselves against losses caused by meat being condemned owing to tuberculosis. This will tend to raise the standard of the trade and assist the straightforward tradesman to compete against the unscrupulous butcher. Systematic inspection is a protection to the butchers as well as the public.

COWSHEDS.—There are 470 cow-keepers on the Register, 19 of which were registered during the year, and 261 visits have been paid to the premises.

The premises are in the majority of cases in a very unsatisfactory condition, being badly paved, drained, ventilated and lighted. The sheds themselves are in many cases in a very defective structural condition and only fit to be demolished. There are no Regulations in force under the Dairies, Cowsheds and Milkshops Order, which makes it almost impossible to get any improvements made. The milk supply in the district is produced under most unsatisfactory conditions. These conditions have been the cause of continual complaints from other Districts receiving their supply from the Basford District, and several complaints have been received during the year. The adoption of regulations would enable us to greatly improve the sanitation of the premises, and retain efficient control over the milk supply.

SCAVENGING.—In certain parishes scavenging is carried out by the Council, and where not carried out the cleansing is done by tenants or owners in a fairly satisfactory manner, except

in the parish of Selston. This parish comprises a number of small hamlets, and owing to this the disposal of the refuse by the tenants is a very difficult matter, and causes a serious nuisance to arise, and continued complaints through the privies not being emptied until they are overflowing. It would be advisable for the Council to scavenge this parish in the near future.

GENERAL.—249 houses were inspected in detail under the Housing and Town Planning Act, records made in duplicate, and reports rendered to the Housing and Town Planning Committee. 32 were repaired and made habitable, 106 notices being served on owners to make the premises in all respects fit for habitation. A large number of visits were paid to houses while the repairs to walls, roofs, floors, laying of new drains, etc., were in progress.

This, and visits from owners, and meetings of owners and agents on the premises, involved a vast amount of detail work which it is impossible to tabulate.

In conclusion, we should like to express our thanks to all our fellow officials for the assistance which they have so willingly rendered us, since we have commenced our duties in this District.

We remain, Gentlemen,

Your obedient servants,

WILLIAM MILNS, No. 1 District,
Inspector of Nuisances.

BERNARD PENNY, No. 2 District,
Inspector of Nuisances.

PART II.

THE DERBYSHIRE PORTION OF THE DISTRICT.

The Derbyshire portion of your District now consists of the Parishes of Codnor Park and Shipley. Codnor having been annexed to Heanor as from the 1st April, 1899.

The following Table shows the Sub-District in which each is placed, with its area and population, according to the Census of 1911.

Sub-District	Parish included	Acres	Inhabited Houses Census 1911	Population Census 1911	Estimated Population 1912
1. Greasley	Codnor Park	1458	178	788	776
2. Ilkeston	Shipley ...	2111	131	662	657
	Totals ...	3569	309	1450	1433

ELEVATION of the District from 240 to 500 above O.D.

GEOLOGY.—Surface Strong Clay, the Coal Measures underneath worked in both parishes.

ASSESSABLE VALUE.—£23,781

NEW HOUSES erected during the year, 2.

BIRTHS.—17 births were registered during the year. Their distribution between the parishes were as follows :—

	LEGITIMATE.		ILLEGITIMATE.		Total.
	Male.	Female.	Male.	Female.	
Codnor Park ...	4	7	—	—	11
Shipley ...	3	3	—	—	6
	<u>7</u>	<u>10</u>	<u>0</u>	<u>0</u>	<u>17</u>

The birth rate was 11·8 per 1000 living.

DEATHS.—The corrected number of deaths is 17. These do not include 2 deaths which occurred within the District of persons not belonging thereto, but include 4 transferable deaths. The death-rate was 11·8 per 1000 living.

THE INFANT DEATH RATE was 117·6 per 1000 registered births.

DEATHS IN PUBLIC INSTITUTIONS.—These amounted to 4—1 in Ilkeston Hospital, which is situated just inside the Shipley boundary, 1 in Narborough Asylum, 1 in St. Joseph's Home, and 1 in Basford Workhouse.

INQUESTS were held in 4 cases, including 3 in Ilkeston Hospital.

The following were returned as causes of death :—

Colliery Accidents	...	...	...	...	1
Burns	.	...	...	...	2
Drowned	...	...	...	...	0
Suicide	...	...	...	...	0
Other Causes	...	...	...	...	1
					—
					4

UNCERTIFIED DEATHS.—One uncertified death occurred at Shipley due to Convulsions.

A. NOTIFIABLE EPIDEMIC DISEASES.—The Diseases notified are those enumerated in the Infectious Diseases Notification Act, 1889, which has been in force in the District since January 1st, 1890.

SCARLET FEVER.—One case at Codnor Park.

ENTERIC FEVER.—No cases occurred.

DIPHTHERIA.—Two cases from Codnor Park and one from Shipley were notified. The cases from Codnor Park were removed to Hospital.

ERYSIPELAS.—No cases were notified.

DISINFECTION is carried out on the same lines as in the Nottingham portion of the District. Four houses were disinfected.

B. NON-NOTIFIABLE EPIDEMIC DISEASES.—These include Measles, Whooping Cough, and Diarrhœa. There was no prevalence, and no deaths occurred from Whooping Cough and Diarrhœa, there were three deaths from Measles.

PHTHISIS.—No death occurred.

SLAUGHTER HOUSES.—The two slaughter houses I know of in the District (in Codnor Park) are in good condition and are frequently visited by the Inspector.

FACTORY AND WORKSHOP ACT, 1901.—With the exception of the Collieries and a Workshop in connection with a Gas-making Plant in Shipley, and the Butterley Ironworks in Codnor Park, there is nothing in the parishes which comes under the Act, as they are essentially rural in character.

THE WATER SUPPLY of the District is in a fairly satisfactory condition. Codnor Park and part of Shipley are supplied on the constant system from waterworks promoted by private enterprise. To supplement or replace these supplies, Shipley has obtained a supply from the New Ilkeston mains, and Codnor Park will be able to draw from the Derwent Valley water mains at Aldercar, when they are completed.

THE SEWERAGE OF THE DISTRICT.—The greater part of Shipley is sewered to four small outfalls, designed by the late Mr. Sebastian Smith, of Shipley, where the sewerage, after sedimentation in a tank, is screened and filtered through coal, and gives a high degree of purification.

As mentioned in previous years, the drainage of Codnor Park is not satisfactory, but I have always stated that to make it so would be a most difficult and expensive engineering work. The matter has been under consideration during the past year, and Mr. Maylan has prepared plans for dealing with the drainage, which have been referred to the Special Works Committee, who are now negotiating with the Alfreton Council with a view to a joint scheme for Codnor Park and Ironville.

THE SCAVENGING of the District is done privately by the Colliery proprietors, and is satisfactory. The tub-closets, which predominate in the District, are cleaned out weekly, and the refuse disposed on the land.

THE DAIRIES AND COWSHEDS, of which there are now 23 registered, have been inspected and found in a satisfactory condition as regards lighting, ventilation, and drainage, and are kept in a fairly clean manner.

My attention was called to a farm in Shipley, from which it was suspected tuberculous milk had been sent to London. On bacteriological examination of her milk, a cow was proved to be tuberculous, and she was dried off, and sold.

HOUSING AND TOWN PLANNING ACT, 1909.—No action under this Act was necessary.

I have the honour to be, Gentlemen,

Your obedient Servant,

G. B. WRAY.

Health and Sanitary Department,
Burton Buildings,
Parliament Street,
Nottingham.

February, 1913.

ANNUAL REPORT OF SANITARY INSPECTOR.

Under Article XX. (16) Sanitary Officers' (outside London) Order, 1910.

1912

COMPRISING THE PARISHES OF CODNOR PARK AND SHIPLEY IN THE
COUNTY OF DERBY (ADMINISTERED BY THE RURAL
DISTRICT COUNCIL OF BASFORD).

Name of Inspector, W. MILNS.

Area of District, 3,569 ACRES. Estimated No. of Houses, 313.

New Houses erected, 1912, 2.

	Informal Notices Served by Sanitary Inspector.	Legal Notices Served by Local Authority.	Nuisance Abated.
DWELLING HOUSES—			
Repaired	—	—	—
Closed as Unfit for Habitation ..	—	—	—
Infected Houses Disinfected .. 4	—	—	—
DRAINAGE—			
No Disconnection of Waste Pipe ..	—	—	—
Defective Traps, Inlets and Drains ..	—	—	—
Drains Obstructed	—	—	—
CLOSETS AND ASHPITS—			
Insanitary Privies and Ashpits ..	—	—	—
Insufficient Closet Accommodation ..	—	—	—
Conversion of Privies into W.C.'s ..	—	—	—
Defective Water Closets	—	—	—
OTHER DEFECTS—			
Surfaces of Courts and Yards ..	1	—	1
Eaves-Spouts and Water-Spouts ..	—	—	—
Urinals Defective	—	—	—
Water Supply	—	—	—
Offensive Accumulations	1	—	1
Animals improperly kept	—	—	—
Pigsties	—	—	—
Smoke Nuisances	—	—	—
Overcrowding	—	—	—
Foul Condition of Houses	—	—	—
Totals ..	4	2	2
Number on Register. Inspections Made. Notices Served.			
Dairies, Cowsheds, and Milkshops ..	23	30	—
Bakehouses	—	—	—
Slaughter-houses	2	25	—
Offensive Trades	—	—	—
Common Lodging-houses	—	—	—
Totals ..	25	55	—

Method of Disinfection after Infectious Disease:—All infectious diseases notified by Medical Attendant to Medical Officer of Health, and visited by Inspector and by Medical Officer of Health when necessary; cases either removed to Isolation Hospital or isolated at home. Notice sent to Medical Officer of Health when better or removed to Hospital, and premises then disinfected by Official of the Council, rooms sealed and fumigated with "Sanitas, and kept sealed for several hours.

Samples of Water submitted for Analysis:—None.

Other Action taken:—None.

Signed, **W. MILNS.**

DERBYSHIRE PORTION.

TABLE I.

Vital Statistics of Whole District during 1912 and previous Years.

Year.	Popula- tion 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 Resi- dents not registered in the District.	Number.	Rate per 1,000 Nett Births.	Number	Rate.
			Number.	Rate.								
1	2	3	4	5	6	7	8	9	10	11	12	13
1906	1498	42		28.0	35	23.3	8	1	11	261.9	28	18.7
1907	1485	38		25.5	39	26.2	17	1	4	105.2	23	15.4
1908	1475	31		21.0	36	21.0	15	1	6	193.5	22	14.9
1909	1450	38		26.2	21	14.4	3	1	1	26.3	19	13.1
1910	1440	33		22.9	26	18.0	3	2	6	181.8	25	17.3
1911	1450	34		23.4	21	14.4	7	1	2	58.8	15	10.3
1912	1433	17		11.8	15	10.4	2	4	2	117.6	17	11.8

Area of District in acres, 3,569. Total population at all ages ... 1,450 }
 Number of inhabited houses ... 309 }
 Average number of persons per house ... 4.6 }
 At Census of 1911.

DERBYSHIRE PORTION.

TABLE II.

Cases of Infectious Disease notified during the Year 1912.

NOTIFIABLE DISEASE	No. of Cases Notified								TOTAL CASES NOTIFIED IN EACH LOCALITY		TOTAL CASES REMOVED TO HOSPITAL
	At all Ages	At Ages—Years							1 CODNOR PARK	2 SHIPLEY	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards			
Small-pox
Cholera (C)
Plague (P)
Diphtheria (including Membranous Group)	3	...	3	...	...	...	...	...	2	1	2
Erysipelas
Scarlet Fever ...	1	...	1	...	...	...	...	...	1	...	...
Typhus Fever
Enteric Fever
Relapsing Fever (R)
Continued Fever (C)
Puerperal Fever
Cerebro-spinal Meningitis
Poliomyelitis
Pulmonary Tuberculosis
Totals ...	4	...	4	...	...	...	...	...	3	1	2

DERBYSHIRE PORTION.

TABLE III.

Causes of, and Ages at Death during Year 1912.

CAUSE 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	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	
All Causes—										
Certified	16	1	..	1	4	..	1	4	5	..
Uncertified	1	1	..	..	..	..	..	..	..	..
Enteric Fever .. ..	..	..	..	..	..	..	..	..	..	..
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles	3	1	..	1	1	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough ..	..	..	..	..	..	..	..	..	..	..
Diphtheria .. ..	..	..	..	..	..	..	..	..	..	..
Influenza .. ..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis) ..	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis ..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..
Cancer, Malignant Disease	1	..	..	..	..	..	..	1	..	..
Rheumatic Fever ..	..	..	..	..	..	..	..	..	..	..
Meningitis .. ..	..	..	..	..	..	..	..	..	..	..
Organic Heart Disease	3	..	..	..	2	..	..	..	1	..
Bronchitis	2	..	..	..	..	..	..	..	2	..
Pneumonia (all forms)	..	..	..	..	..	..	..	..	..	..
Other Diseases of Respiratory Organs	..	..	..	..	..	..	..	..	..	..
Diarrhoea & Enteritis	3	2	..	..	..	..	..	..	1	..
Appendicitis and Typhlitis .. ..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver ..	..	..	..	..	..	..	..	..	..	..
Alcoholism .. ..	..	..	..	..	..	..	..	..	..	..
Nephritis & Bright's Disease .. ..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever ..	..	..	..	..	..	..	..	..	..	..
Other Accidents and Diseases of Pregnancy & Parturition	..	..	..	..	..	..	..	..	..	..
Congenital Debility and Malformation, including Premature Birth .. ..	..	..	..	..	..	..	..	..	..	..
Violent Deaths, excluding Suicide ..	1	..	..	..	..	..	1	..	..	4
Suicides .. ..	..	..	..	..	..	..	..	..	..	..
Other Defined Diseases	7	1	..	..	1	..	..	3	2	..
Diseases ill-defined or unknown .. ..	..	..	..	..	..	..	..	..	..	..
	17	2	..	1	4	..	1	4	5	4

Nett Deaths in the Year of { Legitimate infants, 2.
 { Illegitimate infants, 0.

NOTTS. PORTION.

TABLE I.

Vital Statistics of Whole District during 1912 and previous Years.

YEAR.	Popula- tion 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- resi- dents regis- tered in the District	Of Resi- dents not regis- tered in the District	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1906	40,480	1151	...	28.43	486	12.05	8	50	127	110.33	528	13.04
1907	40,915	1123	...	27.44	547	13.19	7	37	137	121.99	570	13.93
1908	41,336	1205	...	29.15	525	12.70	11	45	144	130.20	559	13.52
1909	41,762	1206	...	28.87	513	12.28	13	48	121	100.33	548	13.12
1910	42,137	1220	...	28.95	472	11.20	7	44	110	90.16	509	12.07
1911	41,969	1112	1117	26.61	449	10.69	11	59	117	104.74	497	11.36
1912	42,419	1051	1055	24.87	447	10.56	14	53	99	93.83	486	11.45

Area of District in acres }
(exclusive of area } 61,868.
covered by water)

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

41,969 }
9,257 } At Census
4.5 } of 1911.

NOTTS. PORTION.

TABLE II.

Cases of Infectious Diseases notified during the Year 1912.

NOTIFIABLE DISEASE	No. of Cases Notified							TOTAL CASES NOTIFIED IN EACH LOCALITY							TOTAL CASES REMOVED TO HOSPITAL	
	At all Ages	At Ages—Years						1	2	3	4	5	6	7		
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65									65 and upwards
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	78	...	18	45	7	7	1	...	3	1	1	...	12	3	...	39
Erysipelas	31	...	1	3	4	9	12	2	20	...	2	1	2	6	...	...
Scarlet Fever	83	1	16	55	9	2	...	...	52	...	22	...	5	4	...	39
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	10	...	...	3	4	2	1	...	6	...	...	...	1	3	...	4
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	...	1	...	...	2	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Poliomyelitis	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...
Pulmonary Tuberculosis	54	...	...	6	22	19	6	1	23	4	...	6	...	9	...	8
Totals	259	2	36	112	46	40	20	3	161	7	1	29	7	28	26	90

Isolation Hospital—Name and Situation } Basford Sanatorium,
Hucknall Road, Nottingham.

Total available beds—28. }
Number of Diseases that can be concurrently treated } 3.

NOTTS. PORTION.

TABLE III.

Causes of, and ages at Death during Year 1912.

CAUSE 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 INSTITU- TIONS IN THE DISTRICT
	All Ages	Under 1	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 up- wards	
All Causes—										
Certified	473	95	19	14	17	21	49	90	168	..
Uncertified	13	4	..	1	..	1	..	4	3	..
Enteric Fever .. ..	..	..	..	..	..	..	..	..	..	..
Small-Pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles	7	2	3	1	1	..	..	..	..	..
Scarlet Fever	1	..	..	..	1	..	..	..	..	..
Whooping Cough	5	3	..	2	..	..	..	..	..	..
Diphtheria	6	..	..	3	3	..	..	..	..	..
Influenza	3	..	..	..	..	..	..	..	3	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis)	24	..	..	..	..	9	7	7	1	..
Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	16	2	3	1	2	4	4	..	..	..
Cancer, Malignant Disease	37	..	..	..	..	..	4	21	12	..
Rheumatic Fever .. ..	..	..	..	..	..	..	..	..	..	..
Meningitis	3	2	..	..	..	..	1	..	..	..
Organic Heart Disease	61	..	..	..	2	2	7	23	27	..
Bronchitis	46	14	2	..	..	..	..	3	27	..
Pneumonia (all forms)	43	14	8	3	2	1	8	2	5	..
Other Diseases of Respiratory Organs	6	1	..	..	..	..	..	3	2	..
Diarrhoea & Enteritis	3	2	..	..	..	..	..	1	..	..
Appendicitis and Typhlitis .. ..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver	3	..	..	..	..	..	..	1	2	..
Alcoholism .. ..	..	..	..	..	..	..	..	..	..	..
Nephritis & Bright's Disease	11	1	..	..	1	1	2	5	1	..
Puerperal Fever .. ..	..	..	..	..	..	..	..	..	..	..
Other Accidents and Diseases of Preg- nancy & Parturition	5	..	..	..	..	1	4	..	..	..
Congenital Debility and Malformation, including Premature Birth	42	40	1	..	..	1	..	..	..	..
Violent Deaths, ex- cluding Suicide	16	2	1	1	1	2	4	3	2	..
Suicide	3	..	..	..	..	..	2	1	..	..
Other Defined Diseases	138	15	1	3	4	..	6	23	86	..
Diseases ill-defined or unknown	7	1	..	1	..	1	..	1	3	..
	486	99	19	15	17	22	49	94	171	..

Infantile Mortality during the Year 1912.

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

CAUSE OF DEATH.	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	Total Deaths under One Year
All Causes { Certified .. { Uncertified ..	32 1	.. ..	4 1	3 ..	39 2	18 ..	16 1	8 ..	14 1	95 4
Small-Pox .. ..	..	..	..	..	..	..	..	..	..	..
Chicken-Pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	2	2
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	1	..	2	..	3
Diphtheria .. ..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..
Abdominal Tuberculosis	..	..	..	..	..	..	1	..	1	2
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..
Meningitis (<i>not Tuberculous</i>)	..	..	..	..	..	..	1	..	1	2
Convulsions	2	..	..	..	2	3	2	..	1	8
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..
Bronchitis .. ..	..	..	1	2	3	4	4	..	3	14
Pneumonia (all forms)	..	..	..	..	..	1	5	4	4	14
Diarrhœa .. ..	..	..	..	..	..	..	1	1	..	2
Enteritis .. ..	..	..	..	..	..	..	..	..	..	..
Gastritis .. ..	..	..	..	..	..	1	..	..	2	3
Syphilis .. ..	..	..	..	..	..	..	..	..	..	..
Rickets .. ..	..	..	..	..	..	..	..	..	..	..
Suffocation, overlying	1	..	..	..	1	..	..	1	..	2
Injury at Birth	1	..	..	..	1	..	..	..	..	1
Atelectasis	1	..	..	..	1	..	..	..	..	1
Congenital Malformations	..	..	..	..	..	2	1	..	..	3
Premature Birth	24	..	1	1	26	1	..	..	..	27
Atrophy, Debility, and Marasmus	4	..	1	..	5	4	1	..	..	10
Other Causes .. ..	..	..	2	..	2	1	1	..	1	5
Totals	33	..	5	3	41	18	17	8	15	99

Nett Births in the year { Legitimate, 1006.
 { Illegitimate, 49.

Nett Deaths in the year	{ Legitimate infants, 84
	{ Illegitimate infants, 15

NOTTS. PORTION.

TABLE V.

Deaths Registered from all Causes during the Year 1912.

[illegible]

[illegible]

Deaths Registered from all Causes during the Year 1912.

	AGES.											TOTALS
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & up- wards	
3.—DISEASES OF CIRCULATORY SYSTEM.												
Pericarditis	1	..	..	..	..	..	..	..	1
Acute Endocarditis	1	..	..	1	..	1	..	..	..	3
Valvular Diseases of Heart	1	..	1	2	1	2	4	5	1	17
Other Diseases of Heart	1	1	2	6	13	10	4	4	41
Aneurism
Embolism, Thrombosis	1	1	2
Other Diseases of Blood Vessels	1	..	..	1
4.—DISEASES OF RESPIRATORY SYSTEM.												
Laryngitis	2	..	..	..	..	..	..	..	..	2
Croup	1	2	..	..	..	..	..	..	..	..	..	3
Emphysema, Asthma	1	..	1	..	2
Bronchitis	14	2	..	..	..	..	1	2	13	13	1	46
Pneumonia	14	11	2	1	1	7	..	2	4	1	..	43
Pleurisy	1	..	..	..	1
Other Diseases of Respiratory System	1	..	..	..	..	..	2	..	..	..	3
5.—DISEASES OF DIGESTIVE SYSTEM.												
Dentition
Sore Throat, Quinsy
Diseases of Stomach	3	1	..	..	..	1	1	1	1	..	..	8
Enteritis	1	..	..	..	1
Obstructive Diseases of Intestine	2	..	1	..	3
Peritonitis	1	..	..	..	..	..	..	..	..	..	..	1
Ascites
Cirrhosis of Liver	1	..	1	1	..	3
Jaundice and other Diseases of Liver	2	..	..	2
Other Diseases of Digestive System	1	..	..	..	..	..	..	..	..	1
6.—DISEASES OF LYMPHATIC SYSTEM. (<i>e.g.</i> , of Lymphatics and of Spleen)												
7.—DISEASES OF GLAND-LIKE ORGANS OF UNCERTAIN USE. (<i>e.g.</i> , Bronchocele, Addison's Disease)												
8.—DISEASES OF URINARY SYSTEM.												
Nephritis	1	..	1	1	1	1	1	1	..	..	..	7
Bright's Disease, Albuminuria	3	1	..	..	4
Disease of Bladder or of Prostate	2	..	1	3
Other Diseases of the Urinary System	1	..	..	..	..	1
9.—DISEASES OF REPRODUCTIVE SYSTEM												
A. Of Organs of Generation.												
Male Organs
Female Organs
B. Of Parturition.												
Abortion, Miscarriage	1
Puerperal Convulsions
Placenta prævia, Flooding
Other Accidents of Child Birth	1	3	1	..	..	..	..	..	5

Deaths Registered from all Causes during the Year 1912.

	AGES.												
	0 to 1	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & up- wards	TOTALS	
10.—DISEASES OF BONES AND JOINTS.													
Caries, Necritis, Periostitis	
Arthritis, Ostitis, Periostitis	
Other Diseases of Bones and Joints	
11.—DISEASES OF INTEGUMENTARY SYSTEM.													
Carbuncle, Phlegmon	
Other Diseases of Integumentary System	1	..	..	..	..	..	..	..	1	1	..	3
VII.—DEATHS FROM VIOLENCE.													
1.—ACCIDENT OR NEGLIGENCE.													
Fractures and Contusions	1	..	..	..	1	
Gunshot Wounds	
Cut, Stab	
Burn, Scald	2	..	..	..	2	1	..	..	..	..	5	
Poison	
Drowning	1	..	1	
Suffocation	1	..	..	..	..	..	..	..	..	..	..	1
Otherwise	1	..	1	1	..	2	..	1	1	..	..	7
2.—HOMICIDE.													
Manslaughter	
Murder	1	..	..	..	..	..	..	..	..	..	..	1
3.—SUICIDE.													
Gunshot Wounds	
Cut, Stab	
Poison	2	..	..	..	..	..	2	
Drowning	1	..	..	..	1	..	..	..	2	
Hanging	
Otherwise	
4.—EXECUTION.													
Hanging	
VIII.—DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES.													
Dropsy	
Debility, Atrophy, Inanition, Marasmus	10	1	..	..	..	..	..	..	..	..	..	11
Mortification	
Tumour	
Abscess	
Hæmorrhage	
Sudden Death (cause not ascertained)	
Causes not Specified or Ill-defined ..	1	1	..	1	..	..	..	1	1	1	1	7

NOTTS. PORTION.

TABLE VI.

Showing the number of Deaths at all ages in 1912, from certain groups of Diseases, and proportion to 1000 of Population and to 1000 Deaths from all causes; also the number of Deaths of Infants under one year of age from other groups of Diseases: and proportion to 1000 Births and 1000 Deaths from all causes under one year.

Division 1. All Ages.	Total Deaths.	Deaths per 1000 of population at all ages.	Deaths per 1000 of Total Deaths at all ages.
1. Principal Epide- mic Diseases ... }	21	'49	43'20
2. Pulmonary Dis- eases, other than Phthisis ... }	100	2'35	205'76
3. Principal Tuber- cular Diseases }	40	'94	82'30
Division 2. Infants under 1 year.	Total Deaths.	Deaths per 1000 of Births.	Deaths per 1000 of Total Deaths under one year.
4. Wasting Diseases	37	35'07	373'73
5. Convulsive „	10	9'47	101'01

Note.—1. Includes Small-Pox, Scarlet Fever, Diphtheria, Typhus, Enteric and Simple Continued Fevers, Whooping Cough, Measles, and Diarrhœa.

2.—All Respiratory Diseases except Phthisis.

3.—Phthisis, Scrofula, Tuberculosis, and Tabes Mesenterica.

4.—Marasmus, Atrophy, Wasting, Debility, Inanition, Premature Birth, and Improper Feeding.

5.—Hydrocephalus, Infantile Meningitis, Convulsions, and Dentition.

RAINFALL REGISTERS 1912.

Month.	Total Depth. Inches.	Greatest Fall in 24 hours. Depth.	Date.	Number of Days on which '01 or more rain fell.	Month.	Total Depth. Inches.	Greatest Fall in 24 hours. Depth.	Date.	Number of Days on which '01 or more rain fell.
January -	4'740	1'100	16th	24	January -	4'69	1'22	16th	20
February -	1'710	'320	8th	19	February -	1'60	'38	12th	16
March -	3'220	'500	14th	24	March -	2'64	'48	14th	23
April -	0'300	'180	9th	5	April -	'27	'17	9th	5
May -	3'060	'730	30th	17	May -	2'52	'68	21st	14
June -	4'150	'490	4th	26	June -	3'52	'45	4th	25
July -	5'220	2'110	21st	20	July -	3'45	'70	21st	16
August -	6'350	1'220	26th	23	August -	5'63	1'10	26th	23
September -	1'180	'810	29th	10	September -	1'03	'67	29th	10
October -	3'520	1'050	27th	15	October -	2'86	'85	27th	11
November -	2'190	'660	28th	19	November -	1'75	'48	28th	16
December -	3'370	'690	11th	25	December -	3'11	'65	11th	22
TOTAL -	39'010			227	TOTAL -	33'07			201
Watnall Reservoir, near Nottingham. Gauge above ground, 11in. ; above sea level, 472ft. F. W. DAVIES.					Strelley, Nottingham. Gauge above ground, 1ft. ; above sea level, 396ft. THOMAS L. K. EDGE.				
January -	4'13	'86	16th	22	January -	4'332	'854	16th	17
February -	1'61	'30	8th	22	February -	1'270	'380	12th	11
March -	3'63	'55	4th	24	March -	3'345	'650	15th	19
April -	'29	'18	9th	6	April -	'550	'205	9th	6
May -	3'29	'89	30th	16	May -	2'251	'628	21st	12
June -	3'48	'35	25th	28	June -	3'177	'500	25th	24
July -	5'78	1'94	21st	17	July -	4'459	'670	21st	16
August -	6'24	1'41	26th	25	August -	3'820	1'165	26th	24
September -	1'13	'80	29th	11	September -	'738	'470	30th	6
October -	3'66	1'18	27th	14	October -	2'482	'614	28th	13
November -	2'32	'70	28th	16	November -	1'806	'550	28th	12
December -	3'18	'62	11th	20	December -	3'792	1'000	11th	18
TOTAL -	38'74			221	TOTAL -	32'022			178
Eastwood, Nottinghamshire. Gauge above ground, 1ft. ; above sea level, 245ft. BARBER, WALKER & CO.					Corporation Farm, Stoke Bardolph, Notts. Gauge above ground, 1ft. ; above sea level, 65'8ft W. PLENDERLEITH.				
January -	3'34	'72	6th	19	January -	3'845	'850	6th	19
February -	1'58	'45	8th	14	February -	1'595	'330	8th	18
March -	3'04	'61	4th	20	March -	2'360	'310	14th	24
April -	'18	'15	9th	4	April -	'300	'180	9th	4
May -	2'65	'84	30th	13	May -	2'520	'670	21st	17
June -	3'20	'46	3rd	24	June -	3'515	'560	25th	23
July -	4'95	1'45	21st	14	July -	4'200	1'120	21st	16
August -	5'41	1'00	26th	19	August -	5'530	1'150	26th	23
September -	1'19	'55	29th	10	September -	'830	'400	29th	9
October -	3'19	1'00	27th	10	October -	2'550	'730	27th	13
November -	2'03	'63	28th	12	November -	2'180	'640	28th	14
December -	2'76	'56	11th	91	December -	3'770	'800	11th	23
TOTAL -	35'52			178	TOTAL -	33'195			203
Selston Waterworks, nr. Annesley, Notts. Gauge above ground, 1ft. ; above sea level, 475ft. S. MAYLAN.					Burton Joyce, Waterworks, Notts. Gauge above ground, 9in. ; above sea level, 65'25ft. F. W. DAVIES.				

THE FACTORY AND WORKSHOPS ACT, 1901.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES, INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Prosecutions (4)
Factories (Including Factory Laundries)	5	—	—
Workshops (Including Workshop Laundries)	59	—	—
Workplaces (Other than Outworkers' prem- ises included in Part 3 of this Report)	24	—	—
Total ..	88		

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

Particulars. (1)	Number of Defects.			Number of Prosecu- tions. (5)
	Found (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness	12	12		
Want of ventilation	—	—		
Overcrowding	—	—		
Want of drainage of floors	—	—		
Other nuisances	—	—		
Sanitary { insufficient	2	1		
Accommo- { unsuitable or defective	—	—		
dation { not separate for sexes	1	—		
Total	15	13		

3.—HOME WORK.

OUTWORKERS' LISTS, SECTION 107.						
Lists received from Employers.						
NATURE OF WORK. (1)	Sending twice in the year.			Sending once in the year.		
	Lists. (2)	Outworkers.		Lists. (5)	Outworkers.	
		Con- tractors (3)	Work- men. (4)		Con- tractors (6)	Work- men. (7)
Wearing apparel—						
(1) making, &c.				6	5	84
(2) cleaning and washing				—	—	—
Household linen				—	—	—
Lace, lace curtains and nets				2	—	46
Total				8	5	130

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.										Number
(1)										(2)
Frame Work Knitters	..	..	..	..	..	..	..	..	..	17
Bakehouses	..	..	..	..	..	..	..	..	..	17
Blacksmiths	..	..	..	..	..	..	..	..	..	12
Bootmakers	..	..	..	..	..	..	..	..	..	10
Dressmakers	..	..	..	..	..	..	..	..	..	9
Wheelwrights	..	..	..	..	..	..	..	..	..	6
Joiners	..	..	..	..	..	..	..	..	..	6
Plumbers	..	..	..	..	..	..	..	..	..	4
Tailors	..	..	..	..	..	..	..	..	..	2
Total										83

5.—OTHER MATTERS.

Class. (1)	Number. (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	4
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshops Act (s. 5)	—
Other	—
Underground Bakehouses (s. 101)	—
Certificates granted during the year	—
In use at the end of the year	—

INDEX.

	PAGE
Age Mortality	8
Birth and Birth Rates	7
Canal Boats	28
Comparative Table	16
Council, The	2
Dairies and Cowsheds	33
Deaths and Death Rates	8
Deaths in Public Institutions	9
Derbyshire Portion	35—38
" " Tables	39—43
Diarrhœa	15
Diphtheria	14
Disinfection	13
District, The—Its Constitution, Population, etc.	5
Enteric Fever	14
Epidemic Mortality	11
Factory and Workshops Act, 1901	28
" " " " " Tables	55—56
Geology of the District	27
Housing and Town Planning Act, 1909	29
Infant Mortality	9
Inspectors' Reports	30—34
Inquests	9
Isolation Hospital or Sanatorium	16
" " " Tables	17—19
" " " Reports	20—26
Measles	15
Notifications of Infectious Diseases	11—13
Notts. Portion	5
" " Tables	44—53
Puerperal Fever	14
Pulmonary Tuberculosis	14
Rainfall	54
Scarlet Fever	14
Scavenging	33
Seasonal Mortality	8
Sewerage	27
Small-Pox	14
Uncertified Deaths	9
Water Supply	27
Whooping Cough	15

