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Contributors

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Rowley Regis
Urban District Council,
STAFFORDSHIRE.

Annual Report

FOR YEAR 1905,

OF THE

Medical Officer of Health,

INCLUDING A

Report on the Administration of the
Factory and Workshop Act (1901),
in this District.

A Report on the Administration of the
Vaccination Act in this District.

Schedules of Work done in the
Departments of the
Surveyor and Sanitary Inspector.

CRADLEY HEATH :

Printed by the Cradley Printing Company, Printers and Stationers,

1906.

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ROWLEY REGIS URBAN DISTRICT COUNCIL
STAFFORDSHIRE.

Annual Report of the Medical Officer of Health,

FOR THE YEAR ENDING DECEMBER 31ST, 1905.

Mr. Chairman and Gentlemen,

As this Report has to be presented to several Authorities who are unfamiliar with the Sanitary history of this district a certain amount of repetition will be necessary. It will contain the usual statistics of Births Deaths, Birth-rates, Rates of Mortality, from general and special causes, cases of Infectious Diseases notified, an epitome of Sanitary work for the last year, and a new table issued by the Local Government Board (No. V.) a record of Infant Mortality.

It will also contain a report of the statistics of the population estimated to the middle of each year, Births registered, Deaths at all ages, and Deaths under one year for the whole of the district and for each Ward separately for the ten years ending December 31st, 1905, also an estimated population to the middle of 1905.

The estimated population is obtained in the following manner:—by deducting the deaths which occurred between July 1st, 1904, and June 30th, 1905, (527) from the Births for the same period (1303), and again deducting two hundred and seventy-seven as wastage for migration and other uncertified causes. As mentioned in my previous reports, the discrepancy on the estimated population obtained solely on the difference between the deaths and births registered each year for the ten years ending December 31st, 1900, was found by comparison with the census of 1901, to be about two hundred per annum in excess of the actual population. This year I have deducted two hundred and seventy seven as I think the trade depression during the last two years will justify my calculation.

There will be a report on the administration of the Factory and Workshops Act, 1901, in this district, also a report on the working of the Vaccination Act in this district.

The tables with the exception of No. V. Local Government Board, will be the same as in previous years, viz. :—three sets. The first series I. to V. are condensed statements of my own arranging, and deals with deaths within and (when known) of deaths of residents outside the District. No. II. in addition to the deaths, shows the number of births registered, whilst Nos IV. and V. deal exclusively with deaths from Zymotic diseases.

The second series I.—V. are those demanded by the Local Government Board. The third series are those demanded by the Staffordshire County Council; the first four of these correspond exactly with those issued by the Local Government Board and consequently are not reproduced. The fifth of these series refers to work done in the Sanitary Inspector's department, and will be found annexed to this report.

TABLE I.

Shewing the BIRTHS, DEATHS, and rate of Mortality in the Year 1905.

Births.	Deaths.	Birth-rate.	Annual Death Rate per 1,000 from			Percentage of total deaths to deaths.		
			All Causes.	Principal Zymotic Causes.	Phthisis.		Lungs.	Heart.
1227	540	33.25	14.63	.27	.65	2.8	.49	
			Of persons over sixty five years of age.			Of infants under one year of age.		
			From the notified Principal Zymotic Diseases.			From Phthisis.		
			From Lungs.			From Heart.		
			24.1			1.85		
			33.52			4.44		
			14.75			19.08		
			3.33					

Deaths in District 510.

Deaths of Residents outside District 30 } 540.

TABLE II.

Shewing the BIRTHS and DEATHS, from all causes and from certain special causes in each Quarter of 1905.

Quarters ending.	Births.	Deaths from all causes.	DEATHS FROM			
			The notified Zymotic Diseases.	Phthisis.	Diseases of Lungs.	Heart Diseases.
March 31st ...	332	134 plus 6	1	8	37 plus 1	3 plus 1
June 30th ..	334	112 ,, 7	4	4 plus 1	25 ,, 1	3 ,, 1
September 30th ...	296	128 ,, 4	3	7	12	2
December 31st ...	265	136 ,, 13	2	3 plus 1	27	8
Total — ...	1227	510 ,, 30	10	22 ,, 2	101 plus 2	16 plus 2

TABLE III.

Shewing the Rate of Mortality in the District in each Quarter of 1905.

Quarters ending.	Death Rate per 1000 per annum from all causes	Percentage per Annum of total deaths to deaths.		
		Of Infants under one year of age.	Of persons over sixty five years of age.	The Notified Zymotic Diseases.
March 31st	3.79	9.09	7.59	.19
June 30th	3.23	7.59	4.09	.74
September 30th	3.57	8.88	4.09	.55
December 31st	4.04	7.96	8.33	.37
Total	14.63	33.52	24.1	1.85

TABLE IV.

Shewing the number of DEATHS at two Groups of Ages from the Notified Zymotic Diseases in each Quarter of 1905.

Quarters ending.	Notified Principal Zymotic Diseases.		Small Pox.		Scarlet Fever.		Diphtheria and Membranous Group.		Puerperal Fever.		Typhoid Fever.		Cholera.		Erysipelas.		
	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	
March 31st	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
June 30th	1	3	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0
September 30th	3	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
December 31st	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Total	6	4	0	0	4	1	1	1	0	0	1	2	0	0	0	0	0

TABLE V.
Supplementary Table shewing the DEATHS at two Groups of Ages from other Zymotic Diseases not included in Table IV.

Quarters ending.	Measles.		Whooping Cough.		Diarrhoea.		Influenza.	
	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5	Under 5	Over 5
March 31st ...	0	0	1	0	1	0	1	2
June 30th ...	6	0	0	0	1	0	0	0
September 30th ...	10	0	2	0	18	1	0	0
December 31st ...	1	0	11	0	6	0	0	0
Total ...	17	0	14	0	26	1	1	2

Table I.
URBAN DISTRICT OF ROWLEY REGIS,
Vital Statistics of Whole District during 1905 and
previous Years.

Year.	Population estimated to Middle of each Year.	Births.		Total deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Num-ber.	Rate*	Under 1 Year of Age.		At all Ages.					Num-ber.	Rate*
				Num-ber.	Rate per 1000 Births registered.	Num-ber.	Rate*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1895	33300	1252	37.6	243	194.08	622	18.7	11	0	11	633	19.
1896	33800	1216	36.	222	182.5	622	18.4	14	0	14	636	18.8
1897	34500	1304	37.8	237	181.7	598	17.3	11	0	11	609	17.6
1898	35200	1336	37.9	227	169.9	650	18.46	18	0	18	668	18.9
1899	36000	1374	38.17	243	176.8	596	16.55	27	0	22	618	17.1
1900	36760	1402	38.1	252	179.7	653	17.76	19	0	15	668	18.17
1901	34835	1313	37.69	230	175.1	602	17.28	0	0	16	618	17.7
1902	35400	1307	36.92	168	128.54	493	13.9	0	0	23	516	14.5
1903	36000	1323	36.75	194	146.64	547	15.19	0	0	15	562	15.6
1904	36400	1317	35.9	215	163.2	598	16.43	0	0	33	631	17.35
Averages for years 1895 to 1904.	35219.5	1314.4	37.3	223.1	169.6	598.1	16.98	10.1	0	17.8	615.9	17.48
1905	36900	1227	33.25	178	147.5	510	13.8	0	0	30	540	14.63

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

NOTE. — The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public Institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums.

Area of District in acres (exclusive of area covered by water)—3670.

Total population at all ages—36900

Number of inhabited houses—7349

Average number of persons per house—5.01

} At Census of 1901.

Table II.

Vital Statistics of separate Localities in 1905 and previous Years.

URBAN DISTRICT OF ROWLEY REGIS.

Names of Localities.	TIVIDALE.				ROWLEY REGIS.				BLACK HEATH.				OLD HILL.				CRADLEY HEATH.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1895	2788	113	55	29	5373	176	75	24	6458	286	134	57	9911	425	208	75	8770	252	150	58
1896	2819	104	103	27	5446	165	55	35	6583	276	155	62	10067	402	171	65	8885	269	138	33
1897	2863	103	54	21	5548	166	95	38	6758	332	157	60	10286	419	188	65	9045	284	134	53
1898	2907	99	63	21	5650	186	90	34	6933	313	150	54	10505	475	209	76	9205	263	138	42
1899	2957	112	56	25	5766	162	79	27	7133	343	115	54	10755	448	205	83	9389	309	141	54
1900	3005	101	55	21	5842	176	113	45	7350	346	123	52	11013	504	233	83	9550	276	144	48
1901	2809	101	42	17	5342	216	103	37	6596	254	145	61	10851	436	201	64	9237	306	127	49
1902	2850	88	32	8	5426	182	66	17	6730	294	113	45	11063	474	173	59	9331	269	132	39
1903	2896	91	39	11	5518	212	82	29	6845	283	103	39	11247	420	196	66	9494	317	142	49
1904	2932	109	43	17	5590	175	82	20	6935	280	138	55	11359	405	195	76	9584	348	140	38
Aver-ages of years 1895 to 1904.	2883	102	54	20	5550	182	84	31	6832	300	130	54	10706	441	198	71	9249	289	130	46
1905	2973	94	52	20	5667	182	90	29	7032	236	97	38	11512	411	156	56	9716	304	145	38

Table III.

Cases of Infectious Disease notified during the Year 1905.

URBAN DISTRICT OF ROWLEY REGIS.

Notifiable Disease.	Cases Notified in whole district.						Total cases notified in each Locality.					No. of cases removed to Hospital from each Locality.				
	At all Ages.	At Ages—Years.					Tividale.	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.	Tividale.	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65										
Small Pox	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	11	5	3	2	1	0	0	1	7	2	0	0	0	0	0	0
Membranous Croup	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelas	32	1	2	5	15	9	7	6	9	8	0	0	0	0	0	0
Scarlet Fever	133	52	66	6	8	0	7	21	32	73	0	0	0	0	0	0
Typhus Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enteric Fever	7	1	1	3	2	0	1	0	3	3	0	0	0	0	0	0
Relapsing Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Continued Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerperal Fever	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Plague	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	184	1	59	72	16	27	9	15	28	51	87	0	0	0	0	0

Isolation Hospital, Tividale, for Small Pox only.

Table IV.

*Causes of, and Ages at, Death during Year 1905.***URBAN DISTRICT OF ROWLEY REGIS,**

Causes of Death.	Deaths at the subjoined Ages of "Residents" whether occurring in or beyond the District.							Deaths at all Ages of "Residents" belonging to Localities, whether occurring in or beyond the District.					Total Deaths in Public In- stitutions in the District.	
	All Ages	Under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Tividale	Kowley Regis.	Black Heath.	Old Hill	Cradley Heath.		
1	2	3	4	5	6	7	8	9	10	11	12	13		
Small-pox														
Measles	17	7	10						4		7	6		
Scarlet Fever	5		3	1		1					1	4		
Whooping Cough	14	8	6						1		7	6		
Diphtheria and Mem- branous Croup	2		1		1							2		
Croup														
Fever { Typhus														
{ Enteric	3		1		1	1					1	2		
{ Other continued														
Epidemic Influenza	3	1					2		2	1				
Cholera														
Plague														
Diarrhœa	27	22	4				1	1	4	9	8	5		
Enteritis	7	5						3	1		3			
Puerperal Fever														
Erysipelas														
Other septic diseases	3		1		1	1			1		1	1		
Phthisis	24		2		6	15	1	3		3	7	11		
Other tubercular diseases	18	7	6	4		1			2	1	3	12		
Cancer, malignant disease	26					21	5	2	8	4	4	8		
Bronchitis	58	18	2			13	25	4	11	10	18	15		
Pneumonia	45	15	14	1	2	8	5	1	11	17	5	11		
Pleurisy														
Other diseases of Respiratory Organs	2		2						1			1		
Alcoholism {														
Cirrhosis of Liver {	8					4	4		3	1		4		
Venereal diseases														
Premature Birth	24	24						1	3	7	6	7		
Diseases and accidents of parturition	5				1	4		1		1	2	1		
Heart diseases	18	1		1		10	6	3	3	4	5	3		
Accidents	17	3	5	2	3	4		2	4	1	7	3		
Suicides	3					3		1	2					
All other causes	211	70	14	5	5	36	81	30	29	38	71	43		
All causes	540	181	71	14	20	124	130	52	90	97	156	145		

TABLE V.
ROWLEY REGIS URBAN DISTRICT.

INFANTILE MORTALITY DURING THE YEAR 1905.
Deaths from stated causes in Weeks and Months under One Year of Age.

Cause of Death.		Under 1 Week	1-2 Weeks.		2-3 Weeks.		3-4 Weeks.		Total under 1 month.	1-2 Months.		2-3 Months.		3-4 Months.		4-5 Months.		5-6 Months.		6-7 Months.		7-8 Months.		8-9 Months.		9-10 Months.		10-11 Months.		11-12 Months.		Total deaths under one year.		
All Causes	Certified ...	28	3	9	3	43	16	17	17	13	12	10	5	12	8	11	7	171														7		
	Uncertified ...	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Common Infectious Diseases.	Small-pox ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Chicken-pox ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Measles ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Scarlet Fever ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Diphtheria: Croup ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Whooping Cough ...	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	8		
Diarrhœal Diseases.	Diarrhœa, all forms	0	0	0	1	1	3	0	3	3	3	3	0	4	0	2	1	23																
	Enteritis <i>not</i> Tuberculosis ...	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	3																
	Gastritis, Gastrointestinal Catarrh ...	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1																
Wasting Diseases.	Premature Birth ...	17	1	2	1	21	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24		
	Congenital Defects ...	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
	Injury at Birth ...	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
	Want of Breast-milk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Atrophy, Debility, Marasmus ...	7	1	5	0	13	7	5	3	4	4	0	0	0	1	2	1	0	40															
Tuberculous Diseases.	Tuberculous Meningitis	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	
	Tuberculous Peritonitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
	Tabes Mesenterica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other Tuberculous Disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Erysipelas ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Syphilis ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Rickets ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Meningitis <i>not</i> Tuberculous ...	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	Convulsions ...	1	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Bronchitis ...	0	0	2	0	2	2	9	4	2	1	3	3	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
	Laryngitis ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Pneumonia ...	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	Suffocation, overlaying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Other causes ...	6	1	0	0	7	1	1	0	2	0	1	1	1	2	2	2	0	19																
		34	3	9	3	49	16	17	17	14	12	10	5	12	8	11	7	178																

District (or sub-division of Rowley Regis (Urban).

Births in the year } legitimate 1191
 } illegitimate 36

Population estimated to middle of 1905, 36,900.

Deaths from all causes at all ages 540.

NOTE.

Staffordshire County Council.

FORMS I.—IV.

CORRESPOND TO TABLES I—IV.

OF THE

LOCAL GOVERNMENT BOARD

AND CONSEQUENTLY ARE NOT REPRODUCED.

SANITARY URBAN DISTRICT OF ROWLEY REGIS.

Name of Wards.	Area in Acres.	Inhabited Houses in each Ward.	Void Houses in each Ward.	No. of New Houses built during 1905.	Total number of houses in each Ward.	Population.	
						Census 1901.	Estimated to middle of 1905.
Tividale	984	603	47	18	650	2796	2973
Rowley Regis	1347	1069	36	14	1105	5317	5667
Blackheath	188	1365	39	7	1404	6565	7032
Old Hill	599	2328	38	31	2366	10799	11512
Cradley Heath	552	1984	31	16	2015	9193	9716
Total ...	3670	7349	191	86	7540	34670	36900

Average number of persons per house :—

Tividale Ward	...	4.9
Rowley Regis Ward	...	5.3
Blackheath Ward	...	5.1
Old Hill Ward	...	4.9
Cradley Heath Ward	...	4.81

Average for whole District 5.01

Physical features and general character of the district :—

District very undulating.

Altitudes in the Parish.

Tividale.	498 feet above sea level. at Liverpool, as per Ordinary Survey, 1881.
Cox's Rough	866 " " " "
Oakham	769 " " " "
Darby's Hill	880 " " " "
Turner's Hill	893 " " " "
Rowley	722 " " " "
Blackheath	607 " " " "
Old Hill	387 " " " "
Cradley Heath	346 " " " "

Altitudes near Dudley outside this Parish.

Dudley Castle	763	feet above sea level at Liverpool.
Sedgley	780	" "
Wren's Nest	790	" "

Tividale. Loose loam. Sub-soil. Clay and Roche

City. Waterlogged.

Rowley Regis. Practically dry to within a depth of eight to ten feet.

}	Blackheath.	Practically dry to within a depth of eight to ten feet.
	Tump Road.	Roche
	High Street.	Sand.
{	Old Hill.	Clay and Blue Roche.
{	Windmill End and Church Street.	Waterlogged.
{	Cradley Heath.	Clay and Blue Roche.
{	Graingers Lane, Foxoak Street, and Cokeland Place.	Waterlogged in places

PROXIMITY TO WATER

Tividale The Birmingham Canal runs parallel with Tividale and is within a varying distance of 100 to 200 yards.

Rowley Regis. The Birmingham Canal at Windmill End to Powke Lane.

Blackheath Canal Basin and Reservoir at Whiteheath within 300 yards. Birmingham Canal on lower side dividing it from Old Hill.

Old Hill. Mouse Sweet Brook and Birmingham Canal.

Cradley Heath River Stour on lower division and Mouse Sweet Brook.

BIRTHS.

One thousand two hundred and twenty-seven births have been registered in the year 1905, viz. :—Six hundred and fifty-two Males and five hundred and seventy-five Females.

They were located as follows :—

Tividale	51 Males.	43 Females
Rowley Regis	99 „	83 „
Blackheath	120 „	116 „
Old Hill	215 „	196 „
Cradley Heath	167 „	137 „
	<hr/> 652	<hr/> 575
	plus	1227.
	<hr/>	<hr/>

Total for whole district 1227. Annual Birth-rate 33·25°

MORTALITY RETURNS.

Five hundred and forty deaths have been recorded, viz. :—
Five hundred and ten in the district, and thirty of residents who have died outside the district. These outside deaths occurred as follows :—
Nineteen at the Dudley Workhouse, eight at the Guest Hospital, Dudley, one at the Ear and Throat Hospital, Birmingham, one at the Queen's Hospital, Birmingham, and one at the General Hospital, Birmingham.

In the First Quarter one hundred and forty deaths were registered viz. :—

Under one year of age	...	49
All other ages	...	91

In the Second Quarter one hundred and nineteen deaths were registered viz. :—

Under one year of age	...	41
All other ages	...	78

In the Third Quarter one hundred and thirty-two deaths were registered viz. :—

Under one year of age	...	48
All other ages	...	84

In the Fourth Quarter one hundred and forty-nine deaths were registered viz. :—

Under one year of age	...	43
All other ages	...	106

Making a total of	...	<hr/> 540
		<hr/>

ANALYSIS OF DEATH-RATE.

Deaths registered	Groups of Ages.	Annual death-rate per 1000 of inhabitants
181	Under 1 year	4.9
71	Between 1 and 5 years	1.92
14	„ 5 and 15 years	.38
19	„ 15 and 25 years	.51
125	„ 25 and 65 years	3.39
130	Over 65 years	3.52
<hr/> 540		<hr/> 14.62

Schedule of deaths under one year of age, and between one and five years, certified as due to the following causes :—

Disease	Under 1 year	Between 1 and 5 years.
Measles	7	10
Scarlet Fever	0	3
Whooping Cough	8	6
Diphtheria and Membranous Croup...	0	1
Epidemic Influenza	1	0
Diarrhoea	22	4
Enteritis	5	0
Tubercular Disease	7	6
Phthisis	0	2
Diseases of Respiratory Organs	0	2
Bronchitis	18	2
Pneumonia	15	14
Premature Birth	24	0
Heart Disease	1	0
Accidents	3	5
Enteric Fever	0	1
Septic Diseases	0	1
Other causes	70	14
	<hr/> 181	<hr/> 71

There is a decided decrease of deaths from Notified Zymotic Causes as compared with those for last year, viz. ten as against 21.

Also in Un-notified Zymotic Diseases, viz., sixty-one as against seventy-nine.

The following table shows the number of deaths under two groups of ages and the number of Zymotic Cases notified in each quarter.

	Deaths from Notified Causes			Deaths from Un-notified Infectious Diseases												Cases of Infectious Diseases Notified.		
	Total Deaths.	Under 5 years.	Over 5 years.	Measles.			Whooping Cough		Influenza.		Diarrhoea.		Total cases reported.	Under 5 years.	Over 5 years.			
				Under 5 years.	Over 5 years.	Total Deaths.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.	Under 5 years.	Over 5 years.						
First Quarter	1	1	0	0	0	0	1	0	1	2	1	0	27	9	18			
Second "	4	1	3	6	0	0	0	0	0	0	1	0	38	12	26			
Third "	3	3	0	10	0	2	0	0	0	0	18	1	49	17	32			
Fourth "	2	1	1	1	0	11	0	0	0	0	6	0	70	22	48			
Total ...	10	6	4	17	0	14	0	1	2	26	1	184	60	124				

This table shows an annual death-rate of .27 per 1000 of inhabitants from Notified Infectious Diseases. It also shows an annual death-rate of 1.65 per 1000 of inhabitants from Un-notified Infectious Cases. Also that 4.98 per 1000 of inhabitants were notified as suffering from some form of Infectious Disease.

Comparison of Death-rate from Zymotic Diseases.

In 1900 there were '62 per 1000 deaths from Notified Diseases.

„ 1901	„	'602	„	„	„
„ 1902	„	'649	„	„	„
„ 1903	„	'75	„	„	„
„ 1904	„	'57	„	„	„
„ 1905	„	'27	„	„	„

In 1900 there were 2'01 per 1000 deaths from Un-notified Diseases

„ 1901	„	2'44	„	„	„
„ 1902	„	87	„	„	„
„ 1903	„	1'88	„	„	„
„ 1904	„	2'11	„	„	„
„ 1905	„	1'65	„	„	„

Rate per 1000 of inhabitants notified as suffering from Infectious Diseases.

In 1900 there were 4'65 per 1000.

„ 1901	„	7'14	„
„ 1902	„	8'05	„
„ 1903	„	9'36	„
„ 1904	„	8'1	„
„ 1905	„	4'98	„

Table of deaths from Zymotic Causes from years 1895 to 1905.

Cause of Death.	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905
Small Pox	0	0	0	0	0	0	0	0	0	0
Scarlet Fever ..	14	14	8	8	2	12	7	13	12	5
Measles	50	0	45	3	47	4	21	43	27	17
Diphtheria and M'branous Croup	8	5	3	3	6	3	6	5	3	2
Whooping Cough	27	8	15	4	4	55	2	9	26	14
Continued Fever	0	0	0	0	0	0	0	0	0	0
Enteric Fever ...	6	4	38	9	6	2	4	3	2	3
Diarrhœa ...	12	35	32	22	15	25	6	15	25	27
Erysipelas ...	2	3	1	2	5	1	3	3	1	0
Influenza ..	8	9	6	5	7	1	2	1	1	3
Cholera ...	0	0	0	0	0	0	0	0	0	0
Puerperal Fever...	0	1	3	5	4	3	3	3	3	0
	127	79	151	61	97	106	54	95	100	71

For a tabulated statement of deaths from Infectious Diseases see Tables IV. and V. first series. For a Quarterly Death-rate per 1000 of Inhabitants see Table III first series.

The following Tables show the distribution of sickness and deaths throughout the district from Zymotic Diseases in two groups of ages in specified areas, taking each Ward as an area and giving the population of each Ward according to the approximate estimated population to the middle of 1905.

TRIVIDALE WARD.
Estimated Population to
middle of 1905.
2973.

Small Pox

Scarlet Fever

Diphtheria and
Membruous Croup

Erysipelas

Enteric Fever

Puerperal Fever

First Quarter.

Sickness	Under 5 yrs.				1				
	Over 5 yrs.								
Deaths	Under 5 yrs.								
	Over 5 yrs.								

STREET LIST.

Grades Road
Dingle Street
Grades Row
Grades Village
Allop Street
Albion Street
Goway Lane
Gudley Road
Upper Chapel Street
Britannia Street
Lower Chapel Street
Dipton Road
Groveland Road
Groveland
Grown Bob Colliery
Gange Colliery
Garker's Lane
California (back of
Oakham Colliery)
Gity
Gye Cross
Gurby's Hill
Oakham (Mr. Jones' side,
part of)

Second Quarter.

Sickness	Under 5 yrs.								
	Over 5 yrs.								
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Third Quarter.

Sickness	Under 5 yrs.				1				
	Over 5 yrs.								
Deaths	Under 5 yrs.								
	Over 5 yrs.								

Fourth Quarter.

Sickness	Under 5 yrs.				1				
	Over 5 yrs.								
Deaths	Under 5 yrs.								
	Over 5 yrs.								

ROWLEY REGIS WARD Estimated Population to middle of 1905. 5667										
		Small Pox	Scarlet Fever	Diphtheria and Membrous Croup	Erysipelas	Enteric Fever	Puerperal Fever			
STREET LIST. Oakham (from boundary by Mr. Jones' to Wheat Sheaf, South Side) Turner's Hill Birmingham Road (from Endowed School to Mr. Harper's) Rowley Village Siviter's Lane Ross Shepherd's Fold Yew Tree Lane Powke Lane (from Southall's to Canal) Moore Lane Bell End Church Road Hawes Lane Dudley Road Springfield Lane Doulton Road (above Canal) Bullfield Tippetty Green Perry's Lake Gadd's Green Hailstone Hill Portway Road Throne Whiteheath Gate (Chapel Side) Mincing Lane (above Road) Duke Street Cunall Road		First Quarter.								
		Sickness	Under 5 yrs.		3					
			Over 5 yrs.				3	1		
		Deaths	Under 5 yrs.							
			Over 5 yrs.							
				Second Quarter.						
		Sickness	Under 5 yrs.		1					
			Over 5 yrs.		3		1			
		Deaths	Under 5 yrs.							
			Over 5 yrs.							
		Third Quarter.								
Sickness	Under 5 yrs.				3					
	Over 5 yrs.									
Deaths	Under 5 yrs.									
	Over 5 yrs.									
		Fourth Quarter.								
Sickness	Under 5 yrs.									
	Over 5 yrs.									
Deaths	Under 5 yrs.									
	Over 5 yrs.									

LACK HEATH WARD

Estimated Population to
middle of 1905.
7032

Small Pox
Scarlet Fever
Diphtheria and
Membranous Croup
Erysipelas
Enteric Fever
Puerperal Fever

First Quarter.

Sickness	Under 5 yrs.							
	Over 5 yrs.		5		3			
Deaths	Under 5 yrs.							
	Over 5 yrs.							

STREET LIST.

Oldbury Road
Mott Street
Birmingdam Road No.
14-68
High Street
Short Street, Causeway
Talesowen Street
Jackett St. John Street
Cross Street, Union Street
Darby Street
Powke Lane No. 1-27
Terrace Street, Beeches
Road
Tolly Road
Whiteheath Gate
(Robinson's side)
Fencing Lane (4 doors
below Oldbury Road
Waterfall Lane (above
canal)
Tory Street
Stranville Road (3 houses
above canal)
West Street
Marlow Street
Highfield Road
Duke Street, Payne Street
Terry Park Road
Treet Street

Second Quarter.

Sickness	Under 5 yrs.							
	Over 5 yrs.		1		1			
Deaths	Under 5 yrs.							
	Over 5 yrs.							

Third Quarter.

Sickness	Under 5 yrs.							
	Over 5 yrs.		4					
Deaths	Under 5 yrs.							
	Over 5 yrs.							

Fourth Quarter.

Sickness	Under 5 yrs.		5					
	Over 5 yrs.		6	1	3			
Deaths	Under 5 yrs.							
	Over 5 yrs.							

<p>OLD HILL WARD. Estimated Population to middle of 1905. 11512</p>								
	Small Pox	Scarlet Fever	Diphtheria and Membrous Croup	Erysipelas	Enteric Fever	Puerperal Fever		
<p>STREET LIST.</p> <p>Powke Lane (part below canal) Windmill End Doulton Road (part below canal) Halesowen Road, Haden Hill Haysech, Barrs Road Waterfall Lane (below canal) Granville Road Beauty Bank Cherry Orchard Wright's Lane Lion Road, Wagon Street King Street, Elbow Street Garaatt's Lane Best Street, Cross Street Queen Street, Bank Street Wellington Street, Dudley Street Spring Meadow Trinity Street, Mace St. Siddaway Street, Church Street Court Street, New Street Riddins St. Holloway St. (last part of Riddins St.) Peartree St Peartree Lane (Pack Horse side) Lawrence Lane (except part in Cradley Heath) Claremont Street Reddall Hill Rd. (from No. 1 to Lawrence Lane one side and from Reddall Hill Schools back to Cross) Haden Road, Clyde St. Penn Street Clifton St., Jackson St. Dalloway St., Priest St. Hill Passage, Brook St.</p>	First Quarter.							
	Sickness	Under 5 yrs.	—	3	2	—	—	—
		Over 5 yrs.	—	1	—	2	—	—
	Deaths	Under 5 yrs.	—	—	—	—	—	—
		Over 5 yrs.	—	—	—	—	—	—
	Second Quarter.							
	Sickness	Under 5 yrs.	—	2	1	1	—	—
		Over 5 yrs.	—	3	1	3	—	—
	Deaths	Under 5 yrs.	—	—	—	—	—	—
		Over 5 yrs.	—	—	—	—	—	—
	Third Quarter.							
	Sickness	Under 5 yrs.	—	2	1	—	—	—
		Over 5 yrs.	—	4	—	1	1	—
	Deaths	Under 5 yrs.	—	—	—	—	—	—
		Over 5 yrs.	—	—	—	—	—	—
	Fourth Quarter.							
Sickness	Under 5 yrs.	—	6	—	—	—	—	
	Over 5 yrs.	—	11	2	2	2	—	
Deaths	Under 5 yrs.	—	—	—	—	—	—	
	Over 5 yrs.	—	1	—	—	1	—	

CRADLEY HEATH
WARD.Estimated Population to
middle of 1905.
9716

Small Pox

Scarlet Fever

Diphtheria and
Membranous Croup

Erysipelas

Enteric Fever

Puerperal Fever

STREET LIST.

Pear-tree Lane (part of
Pack Horse)
Petford St., Pearson St.
Lawrence Lane (from Pear-
tree Lane to Reddall
Hill, T. Parkes & Sons'
side)
Plant Street, Park Street,
Oak Street
Reddall Hill Road (part
not included in Old Hill
Ward)
Newtown St., Hingley St.
Spinner's End
Holly Bush Street
Meredith St., Albert St.
St. Luke St., School St.
Homey Town, Silverthorn
Lane
George Lane, Wood's Lane
Whitehall Lane
Compton Road
Holding Green Road
Cradley Road
Trainger's Lane, Stour
Colliery
Beehive Street, Cokeland
Place
Station Rd., Chester Road
Corgreaves Road
Turfeit Hill, Queen Street
King St. Tibbetts Gardens
High St., Foxoak St.
Bank St., Newtown Lane
Annister Street (top of
Newtown Lane)
Providence Street
Sidney Street

First Quarter.

Sickness	Under 5 yrs.	—	1	—	—	—	—	—
	Over 5 yrs.	—	—	—	2	—	—	—
Deaths	Under 5 yrs.	—	1	—	—	—	—	—
	Over 5 yrs.	—	—	—	—	—	—	—

Second Quarter.

Sickness	Under 5 yrs.	—	7	—	—	—	—	—
	Over 5 yrs.	—	10	1	1	1	—	—
Deaths	Under 5 yrs.	—	1	—	—	—	—	—
	Over 5 yrs.	—	1	1	—	1	—	—

Third Quarter.

Sickness	Under 5 yrs.	—	12	1	—	1	—	—
	Over 5 yrs.	—	16	—	1	1	—	—
Deaths	Under 5 yrs.	—	1	1	—	1	—	—
	Over 5 yrs.	—	—	—	—	—	—	—

Fourth Quarter.

Sickness	Under 5 yrs.	—	11	—	—	—	—	—
	Over 5 yrs.	—	16	—	3	—	1	—
Deaths	Under 5 yrs.	—	—	—	—	—	—	—
	Over 5 yrs.	—	—	—	—	—	—	—

SMALL POX.

The District has been free from this disease during the past twelve months.

SCARLET FEVER.

One hundred and thirty-three cases have been notified, and five deaths have occurred as against two hundred and eleven cases notified, and twelve deaths for last year.

	Tividale.	Rowley Regis.	Black Heath	Old Hill.	Cradley Heath.
1st Quarter	0	3	5	4	1 - 13
2nd „	0	4	1	5	17 - 27
3rd „	0	0	4	6	28 - 38
4th „	0	0	11	17	27 - 55
	—	—	—	—	—
	0	7	21	32	73 - 133

MORTALITY.

One death occurred in the First Quarter at Cradley Heath.
 Two deaths „ Second „ „
 One death „ Third „ „
 One „ „ Fourth „ Old Hill

MEASLES.

Seventeen deaths have been recorded against twenty-seven for last year.

The deaths were distributed throughout the Wards in the following order.

	Tividale.	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.
1st Quarter	0	0	0	0	0 - 0
2nd „	0	0	0	1	5 - 6
3rd „	0	4	0	5	1 - 10
4th „	0	0	0	1	0 - 1
	—	—	—	—	—
	0	4	0	7	6 - 17

There was a rather severe recrudescence of this disease in the months of May and June amongst children attending the Cradley Heath, Corngreaves, and Reddal Hill Schools. On June 2nd one hundred and eighteen children were absent from Cradley Heath Schools, and on June 9th one hundred and four were absent.

The Whitsuntide Holidays then commenced and on the school re-opening a fortnight later the Measles had diminished to thirty-nine.

The Council issued hand-bills throughout the Parish, warning persons against exposing the children whilst suffering from any infectious disease, more particularly against sending children to school from infected houses.

The Care-takers of the various schools were admonished to carry out thoroughly the instructions previously given as to the use of the disinfectants. From this date the disease gradually subsided.

DIPHThERIA AND MEMBRANOUS CROUP.

Eleven cases notified and two deaths as against twenty-five cases notified and three deaths for the previous year.

The cases were distributed throughout the Wards in the following order :—

	Tividale.	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.	
1st Quarter	0	0	0	2	0	- 2
2nd "	0	0	0	2	1	- 3
3rd "	0	0	0	1	1	- 2
4th "	1	0	1	2	0	- 4
	—	—	—	—	—	—
	1	0	1	7	2	- 11

Both deaths occurred at Cradley Heath. One in the Second Quarter and one in the Third Quarter.

These were all sporadic cases and no reliable history of infection could be obtained in any of them. Some of the possible local causes were: Damp and dirty houses. Midden closets near house. One case was imported and one case occurred within a few days after confinement.

ENTERIC FEVER.

Seven cases notified and three deaths as against seven cases notified and two deaths for previous year. These cases have all been treated at their homes.

Distribution of cases throughout the District.

	Tividale.	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.	
1st Quarter	0	1	0	0	0	1
2nd "	0	0	0	0	1	1
3rd "	0	0	0	1	2	3
4th "	0	0	0	2	0	2
	—	—	—	—	—	—
	0	1	0	3	3	7

These are all sporadic cases in which no history of infection can be obtained. The premises and surroundings in each case were in a satisfactory condition, are all properly drained and supplied with tap water. The deaths occurred—one at Cradley Heath in the Second Quarter. One at Cradley Heath in the Third Quarter and one at Old Hill in the Fourth Quarter.

PUERPERAL FEVER.

One case notified, no deaths as against five cases notified and two deaths for previous year. This case was notified on December 30th. It occurred in a new house at Cradley Heath where all the sanitary surroundings were in satisfactory condition, and the patient was attended by a Medical Man. The patient died in the early part part of this year, consequently the death does not appear in this report.

ERYSIPELAS.

Thirty-two cases notified, no deaths, as against forty four cases notified and one death for previous year.

Distribution of cases throughout the Wards

	Tividale	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.	
1st Quarter	1	3	3	2	2	11
2nd "	0	1	1	4	1	7
3rd "	1	3	0	1	1	6
4th "	0	0	3	2	3	8
	—	—	—	—	—	—
	2	7	7	9	7	32

The cases were all disconnected.

WHOOPIING COUGH.

Fourteen deaths as against twenty-six for previous year.

The School Returns showed a few absentees from School during January and February in the Rowley Ward. A few at Cradley Heath in May. A few cases at Cradley Heath and Old Hill from July to the end of the year. A few cases were reported weekly from the Black Heath Schools from September to the end of the year. The greatest numbers reported from Cradley Heath and Old Hill occurred during the month of September.

Distribution of Deaths throughout the Wards.

	Tividale	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.	
1st Quarter	0	1	0	0	0	- 1
2nd "	0	0	0	0	0	- 0
3rd "	0	0	0	0	2	- 2
4th "	0	0	0	7	4	- 11
	—	—	—	—	—	—
	0	1	0	7	6	- 14

DIARRHŒA.

Twenty-seven deaths as against twenty-five for the previous year.

Twenty-two of these deaths were under one year of age. Four between one and five and one over sixty-five years.

Distribution of Deaths throughout the Wards.

	Tividale.	Rowley Regis.	Black Heath.	Old Hill	Cradley Heath.	
1st Quarter	0	0	0	0	1	- 1
2nd "	0	1	0	0	0	- 1
3rd "	0	2	6	7	4	- 19
4th "	1	1	3	1	0	- 6
	—	—	—	—	—	—
	1	4	9	8	5	- 27

The greatest mortality as usual occurred in the third quarter.

The practice of feeding infants on artificial food is I am afraid on the increase. Many young mothers who work at Factories or at other places away from home, adopt this system in part if not thoroughly. Infant mortality from this disease has been on the increase for the last two years. In 1903 fifteen deaths. In 1904 twenty-five deaths, and this year twenty-seven deaths.

PHTHISIS.

Twenty-four deaths as against eighteen for the previous year.

Twenty-two of these occurred in the Parish and two occurred to parishioners who died in institutions outside the district.

Distribution of deaths throughout the Wards.

	Tividale.	Rowley Regis.	Black Heath.	Old Hill.	Cradley Heath.	
1st Quarter	3	0	1	3	1	- 8
2nd „	0	0	1	1	3	- 5
3rd „	0	0	1	1	5	- 7
4th „	0	0	0	2	2	- 4
	—	—	—	—	—	—
	3	0	3	7	11	- 24

Very little opposition is now offered to the disinfection of the houses and clothing of those who died from this disease. The people are now beginning to see the advantage of the proceeding.

EPIDEMIC INFLUENZA.

Three deaths as against one for last year. They all occurred in the first quarter of the year. Two of them at Rowley and one at Black Heath. The disease was very prevalent during the first two months of the year in the above mentioned Wards, and many of the cases were complicated with Pneumonia or Bronchitis.

PREVENTATIVE MEASURES ADOPTED.

The only change in the proceedings mentioned in my previous Report is that the Isolation of Small Pox cases is now undertaken by the South Staffordshire Joint Small Pox Hospital Board at their new Hospital at Bradley. All other cases of infectious diseases are treated at the patient's homes. They are all visited as soon as possible after notification, and are supplied with disinfectants and a circular giving instructions how they are to be used, and warning them against exposing themselves in public until after their houses and clothing have been fumigated by the Council's Official. Preventing children from infected houses attending school. Cleansing and limewashing all dirty and infected houses. Fumigated all infected houses and clothing with sulphur fumes. Cleansing drains and water-courses. Converting defective midden-closets into water-closets. Insisting on a pure supply of water where the present supply is insufficient or doubtful. Compulsory disinfection at the Steam Disinfectant

of all clothing, bedding, etc., of Small Pox, Enteric Fever, and Puerperal Fever cases, and those of Phthisis and of any other infective disease at the discretion of the Medical Officer, free of charge. Also the bedding, clothing, etc., of any parishioner from any cause who is willing to pay a fee of ten shillings for so doing.

The free supply to Medical Practitioners for their use amongst the poor of the District, of Antistreptococcus and Antidiphtheretic Serums with the necessary syringes. Bacteriological Examination free of charge at the Birmingham University, of secretions from supposed cases of Diphtheria, Phthisis and Enteric Fever. Compulsory notification of the following diseases - Small Pox, Scarlet Fever, Enteric Fever, Diphtheria, Membranous Croup Puerperal Fever, Erysipelas, Cholera, and Typhus Fever.

Very valuable information, otherwise unobtainable, is furnished by the weekly returns from the Elementary Schools, of children absent from school on account of some infectious disease. This information is especially valuable in the unnotified diseases. I again thank the Education Committee for their kind co-operation in the Sanitary work of the district.

Epitome of Sanitary Work for the year 1905.

DEEP DRAINAGE AND HOUSE CONNECTIONS.

This Scheme was completed in the year 1901, and has proved satisfactory up to the present. According to the returns forwarded up to the end of 1904, six thousand, six hundred and eighty-five houses have been connected with the Sewers. During the past year eighty-six new houses have been connected. Making a total of six thousand, seven hundred and seventy-one.

Thirteen undrained houses have been demolished during the past year.

CELLAR DRAINAGE

Nine connections have been made, viz., two cellars and seven pantries, in accordance with the instructions insisted on by the County Medical Officer of Health, viz.—The outlet from the cellar to be carried through the wall and empty itself into a gulley placed outside the building from which an air-shaft must be built to the ground level, and covered by a cast iron trap.

Two cellars and one pantry have also been connected with storm-water drains. The manner of connecting in these cases is the same as in the sewer connections, except that there is no chamber provided but a six inch pipe shaft is substituted.

NIGHT SOIL AND HOUSE REFUSE

This work, as in previous years, is still performed by contract, and is supervised by the Sanitary Inspector and his assistants. The night-soil is removed between the hours of ten p.m. and eight a.m., and the dry ashes during the day.

The provision of water-closets is compulsory in all new houses, when water supply and drainage facilities are available. The old privies and privy-middens are being steadily replaced by water-closets whenever opportunity arises.

The Sanitary Inspector reports as follows :—

Wards.	Number of Water Closets.	Number of Ashpits not connected with Closets (dry).	Number of Ash-bins.	Number of Privy Closets.	Number of Ashpits connected with Privy Closets.
Tividale ...	259	132	12	227	174
Rowley Regis	314	138	3	583	439
Black Heath ...	457	267	14	573	447
Old Hill ..	733	434	15	1216	928
Cradley Heath	819	408	21	858	623
Total ...	2582	1379	65	3457	2611

During the year seventy-six privies have been converted into Water Closets, and ninety-nine Water Closets have been put to new houses.

The Bin system is being gradually adopted and where adopted proves most satisfactory. I trust It will shortly become general, as the present system of keeping dry ashes and other house refuse in large quantities for a lengthy period, cannot be devoid of risk.

WATER SUPPLY.

The chief supply is derived from the South Staffordshire Water Works Company.

Eight wells have been closed on account of impurity of the water, which supplied ten old houses. These houses and one hundred and five new ones are now supplied with the South Staffordshire Water Works Company's Water

The Turner's Hill district is now supplied by water-cart from the South Staffordshire Water Works Company's Main, twice weekly free of expense.

The Folly Spring in Parker's Lane Tividale, has been protected from pollution and made capable of storing two hundred gallons, whereby the people in the neighbourhood can now obtain a plentiful and pure supply of water. This is a great advantage to the locality and greatly diminishes the inconvenience previously experienced.

COW-SHEDS, DAIRIES AND MILK-SHOPS.

All plans for any of the above-named buildings are passed subject to the new bye-laws.

There are forty-two Cow-sheds, Dairies and Milk-shops in the district, which are kept in a satisfactory condition. No new ones have been erected during the year. One hundred and twenty-seven Inspections of Cow-sheds, Dairies and Milk-shops have been made. No legal proceedings have been resorted to.

SLAUGHTER-HOUSES.

There are thirty Slaughter-houses in the district of which twenty-eight are now in use. No new ones have been erected during the year. They are kept in a satisfactory condition. The excessive storage of manure in two instances has necessitated action being taken by the Council.

UNSANITARY HOUSES.

Thirteen houses have been demolished owing to defective Sanitary Conditions, and two have been closed. No action has been enforced by the Council.

OVERCROWDING.

This condition is still prevalent, but has slightly improved during the last year. The building operations during the last two years have put the housing accommodation on a better footing.

CEMETERY.

This question is still under consideration.

LEGAL PROCEEDINGS.

Legal proceedings were taken in one instance only, viz.—The owner and occupier of No. 80, Lawrence Lane, to enforce the abatement of a nuisance arising from a privy closet and contaminated water supply. The house has been closed.

NEW STREETS.

The Council still continue to have all land as newly-laid-out building estates put in proper order and adopted in accordance with the Public Health Act.

BACTERIOLOGICAL DIAGNOSIS OF DIPHTHERIA,
ENTERIC FEVER AND TUBERCULOSIS.

The arrangements made by the Staffordshire County Council with the Birmingham University for the free examination of secretions from patients supposed to be suffering from either of the above named diseases is still in force. The necessary apparatus for the transmission of these secretions to the University, and the free supply of the necessary serums with syringes are available to all the Medical Practitioners in the neighbourhood.

PREVENTION OF PULMONARY TUBERCULOSIS.

This matter is still dormant. No new scheme having been promulgated during the past year.

HOSPITAL ACCOMMODATION.

The Hospital at Tividale which up to last December was rented by the South Staffordshire Joint Small Pox Hospital Board has again reverted to the Council, and after being cleansed, disinfected and repaired, will be retained as an emergency hospital should occasion arise for its use.

All Small Pox cases will in future be sent to the South Staffordshire Joint Small Pox Board's Hospital at Bradley.

Rowley Regis Urban District Council.

ADMINISTRATION OF THE FACTORY AND WORKSHOPS ACT (1901).

As mentioned in my previous reports Rowley Regis is a large scattered Parish extending over an area of 3670 acres, and contains an estimated population (up to the middle of 1905) of 36,900. It is divided into Five Wards, viz., Tividale, Rowley Regis, Black Heath, Old Hill and Cradley Heath.

Tividale Ward has an area of nine hundred and eighty-four acres, and a population of 2973 inhabitants, and is partly agricultural and partly industrial. The chief industries are Coal-mining, Brick-making different varieties of iron manufacture, Galvanizing and Granite-quarrying.

Rowley Regis has an area of one thousand and forty-three acres, and a population of 4667 inhabitants, and is also partly agricultural and partly industrial. The chief industries are Coal-mining, Granite-quarrying Brick-making, Pottery-work, Nut and Bolt, Rivet and Nail Trade.

Black Heath has an area of one hundred and eighty-eight acres, and a population of 7032 inhabitants, and is almost entirely industrial. The chief industries are Nut and Bolt, Spade and Shovel, Rivets and Nails, Tailoring, Baking, and Boot and Shoe-making.

Old Hill has an area of five hundred and ninety-nine acres, and a population of 11512 inhabitants, and is chiefly industrial. The chief industries are Iron-making, Coal-mining, Brick-making, Boot and Shoe-making, Rivet-making Chain-making, Tube-making, Tailoring and Coke-burning.

Cradley Heath has an area of four hundred and fifty-two acres, and a population of 9716 inhabitants, and is chiefly industrial. The chief industries are Chain-making, Rivet-making and Galvanizing Brick-making, various forms of finished iron industries, Coke-burning, Boot-making, Tailoring, and Hollow-ware Trade.

The bulk of the inhabitants of the district are of the Artisan class, and are employed at some one or other of the above-named industries. The Act still continues to work smoothly, and legal proceedings have not been called for. Lime-washing of the premises is done periodically every six months. The practice of keeping animals in the work-shops is an exceptional occurrence.

The Sanitary conditions in Factories and Work-shops are satisfactory. Section 22 of P. H. A. A. A. 1890 is in force in the district, and whenever any contravention is discovered owners are immediately served with a Notice.

The cubical space in the work-shops is ample, and ventilation, especially in the Chain, Nail and Rivet Shops is free as all the windows are unglazed.

The water supply is plentiful and good.

There have been three thousand and ninety-nine inspections made of Factories, Work-shops, Work-places and Home-workers Premises by the Council's Inspector and two written notices have been served during the year.

No prosecutions have been necessary.

There are on the Register at the present time :—

7 Factories.

739 Work-shops.

1175 Home-workers Premises.

1178 Work Places. Making a total of 3099.

Twenty-one out of the one hundred and seventy-nine Bake-houses are for wholesale trade. There are no under-ground bake-houses.

Eighteen notices have been served.

Fourteen to remove animals from Work shops.

Three to provide sufficient Water-closet accommodation.

One to provide separate Water-closet accommodation for the sexes.

LISTS OF OUT-WORKERS.

The Manufacturers do not as a rule supply the lists of Out-workers as required by Act of Parliament. Sufficient notice has been given them so that in future there will be no excuse for their negligence.

Lists have been received from only twenty-four employers representing six hundred and thirty out-workers.

The Notices issued by the Rowley Regis Urban District Council respecting the illegality of keeping poultry and other animals in work-shops is still issued.

My services have only been requisitioned in eighteen instances, and no legal proceedings have been necessary during the past year.

The appended schedule was filled in by Mr. Barnsley (the Council's Inspector) and signed by myself.

FACTORY AND WORKSHOP ACT, 1901.

Annual Report of the Medical Officer of Health for the year 1905, for the Urban District of Rowley Regis, on the administration of the Factory and Workshop Act, 1901, in connection with **Factories, Workshops, Laundries, Workplaces and Homework.**

1.—INSPECTION (Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances).

Premises.	Number of		
	Inspections.	Written Notices	Prosecutions.
Factories (including Factory Laundries) ...	7	1	0
Workshops (including Workshop Laundries) ...	739	0	0
Workplaces ...	1178	1	0
Homeworkers' Premises ...	1175	0	0
Total ...	3099	2	0

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied	Referred to H.M. Inspector	
<i>Nuisance under the Public Health Act :</i>				
Want of cleanliness	1421	1421	0	0
Want of ventilation	0	0	0	0
Overcrowding	0	0	0	0
Want of drainage of floors	0	0	0	0
Other nuisances	14	14	0	0
... Insufficient.	1	1	0	0
... †Sanitary accommodation	2	2	0	0
... Unsuitable or defective	1	1	0	0
... Not separate for sexes	1	1	0	0
<i>Offences under the Factory and Workshop Act :</i>				
Illegal occupation of underground bakehouse (s. 101)	0	0	0	0
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	0	0	0	0
Failure as regards lists of outworkers (s. 107)	20	0	0	0
Giving out work to be done in premises (unwholesome (s. 108) infected (s. 110) which are	0	0	0	0
Allowing wearing apparel to be made in premises infected by Scarlet Fever or Small Pox (s. 109)	0	0	0	0
Other offences	0	0	0	0
Total	1459	1439	0	0

† One Water Closet for every 20 persons.

Separate accommodation for the sexes.

3—OTHER MATTERS.

Class	Number.
Matters notified to H.M. Inspectors of Factories :	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ...	1
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (s 5) { Notified by H.M. Inspectors Reports (of action taken) sent to H.M. Inspectors.	4
Other ...	3
Underground Bakehouses (s 101) :	0
Certificates granted during the year ...	0
In use at the end of the year ...	0
Homework :	
<i>Lists of Outworkers</i> (s. 107) : ...	
Lists received ...	24
Addresses of outworkers } forwarded to other Authorities	59
} received from other Authorities	59
	630
	59
	59

Homework in unwholesome or infected premises:—

	Wearing Apparel	Other.
Notices prohibiting homework in unwholesome premises (s. 108) ...	0	0
Cases of infectious disease notified in home workers' premises ...	0	0
Orders prohibiting homework in infected premises (s. 110) ...	0	0
Workshops on the Register (s. 131) at the end of the year ...		
Important classes of work-shops, such as work-shop bakehouses, may be enumerated here.		
Bakehouses ...	179	
Domestic Workshops ...	148	
Workshops ...	525	
(not including 1178 Workplaces).		
Total number of workshops on Register ...	852	

FEBRUARY 28TH, 1906.

J. G. BEASLEY, Medical Officer of Health.

The difference between the number of Workshops for 1904 and 1905 is accounted for by the fact that many were notified in 1904 as workshops, which have been found since to be workplaces and are notified as such.

Vaccination Returns.

For the Year ending December 31st, 1905.

Total number of Births	...	1227
No. 1 District	By Public Vaccinator	274
	By Private Practitioner	90
		—363
No. 2 District	By Public Vaccinator	181
	By Private Practitioner	378
		—559
Insusceptible of Vaccination	...	6
Had Small Pox	...	0
Number of Certificates of Conscientious Objections		2
Dead (Unvaccinated)	...	104
Postponed by Medical Certificate	...	27
Removed to Districts—the Vaccination Officers of which have been apprised	...	2
Removed to places unknown and cases not found		16
† Not Vaccinated	...	148
		—305 - 1227

† Several of these cases are not of age, and are therefore not liable to vaccination at present.

The one pock system of vaccination still largely prevails, especially in the Old Hill and Cradley Heath Wards. In other respects the returns are satisfactory. Conscientious objections are rare (five having applied for exemption in the last three years), whilst the number of children vaccinated by request of parents before the age of four months is attained is still increasing.

In concluding this report, I again heartily thank all those Officers of the Council, Parish and various Institutions who have assisted me by furnishing the necessary information in their respective departments.

I append schedule of work done in the Surveyor's and Sanitary Inspector's Departments. I again add an extract from the memorandum issued by the Local Government Board as to the Annual

Report of Medical Officers of Health which explains the reason for the amount of recapitulation contained in this Report "It should be remembered that these reports are for the information of the Local Government Board and of the County Council as well as of the Council of the District, and that a statement of the local circumstances and a history of the local Sanitary questions which may seem superfluous for latter, may often be needed by the former bodies."

I have the honour to remain,

Gentlemen,

Yours obediently,

J. G. BEASLEY,

Medical Officer of Health to the
Rowley Regis Urban District Council

STAFFORDSHIRE COUNTY COUNCIL.

TABLE V.

SUMMARY OF SANITARY WORK done in the Nuisance Inspector's Department during the year 1905, in the Urban District of Rowley Regis.

		Inspections and Observations made.	Formal Notices by Authority.	Nuisances Abated after Notice.	
Dwelling houses and Schools.	{ Foul Conditions	131	86	65	
	{ Structural Defects	0	0	0	
	{ Overcrowding	27	24	18	
	{ Unfit for Habitation	3	2	2	
	Lodging-houses	0	0	0	
	Dairies and Milkshops	127	0	0	
	Cowsheds	127	0	0	
	Bakehouses	179	0	0	
	Slaughter-houses	96	0	0	
	Canal Boats	107	5	2	
	Ashpits and Privies	20642	82	24	
	The introduction of Sanitary Dust Bins has resulted in 65 being provided & which are emptied weekly				
		Deposits of Refuse and Manure	32	5	5
	House Drainage	{ Water Closets	1467	37	26
{ Defective Traps		0	0	0	
{ No Disconnection		0	0	0	
{ Other Faults		546	43	39	
Water Supply		12	2	0	
Pigsties		45	12	12	
Animals improperly kept		12	7	6	
Offensive Trades		0	0	0	
Smoke Nuisances		0	0	0	
Other Nuisances		0	0	0	
		23553	305	199	
				Nos.	
Seizures of Unwholesome Food				0	
Samples of Food taken for Analysis				0	
" " found adulterated				0	
Samples of Water taken for Analysis				2	
" " condemned as unfit for use				2	
Precautions against Infectious Disease.					
Lots of Infected Bedding Disinfected or Destroyed				327	
Houses Disinfected after Infectious Disease				171	
Schools ditto ditto				0	
Prosecutions for not notifying Existence of Infectious Disease				0	
Convictions ditto ditto				0	
Prosecutions for Exposure of Infected Persons or things				0	
Convictions ditto ditto				0	

NOTE.—When an Inspection or Notice embraces more than one defect, it may be enumerated separately as regard each such defect.

Signed, **ELIJAH T. BARNESLEY,**

February 21st, 1906

Inspector of Nuisances.

Rowley Regis Urban District Council.

—o—

INSPECTOR OF CANAL BOATS ANNUAL REPORT FOR THE YEAR 1905.

—o—

ARRANGEMENTS FOR INSPECTION &c.

Frequent visits are made by myself and the Assistant Inspector to the banks of the Canal which runs through this Council's district, for the purpose of examining Canal Boats plying thereon.

My address is :—Council Offices, Old Hill, Staffordshire

NUMBER OF BOATS INSPECTED.

There have been 107 Boats inspected during the year.

The condition of the Boats and their Occupant was on the whole found satisfactory, the fact that it has only been necessary to serve five peremptory notices will also bear this out.

The Occupiers of the Boats consisted of 170 men, 66 women, 20 boys and 13 girls between 5 and 12 years of age, and 23 boys and 8 girls under 5 years of age.

CONTRAVENTIONS.

There has been five notices served upon the Owners of Canal Boats with respect to the following contraventions which were discovered. In one case the boat was without a certificate and uninhabitable, in one case the boat had no certificate and no water vessel, in two cases the certificates did not identify the owners and the boats, and in one case the boat required punting and was without a water vessel

Two of the above notices have been satisfactorily dealt with, but in the other three cases although repeated applications have been made the Owners cannot be found, but I am still endeavouring to get them cleared up

The Masters of the Boats inspected have not refused admittance, and have been very willing to allow us to examine in every detail all the conditions which the Canal Boats Acts require.

LEGAL PROCEEDINGS

No legal proceedings have been instituted.

INFECTIOUS DISEASES AND HOSPITAL ACCOMMODATION.

All the Boats were free from any Infectious Disease.

The Hospital situated in the Tividale Ward of this Council's District which until recently was used for the isolation of Small Pox patients is still available as an Isolation Hospital, but in the event of a patient suffering from Small Pox being found on any boat, the same is now to be removed to the Hospital at Bradley, belonging to the Joint Small Pox Hospital Board, which is a distance of about four miles from the Tividale Hospital.

DETENTION OF BOATS FOR CLEANSING AND DISINFECTION.

It has not been necessary to detain any boat for the above purposes.

This is not a Registration Authority

I am, Gentlemen,

Your obedient Servant.

ELIJAH T. BARNSLEY,

Inspector

January 11th, 1906.

FIRE BRIGADE.

During the year there have been 13 fires, to which members of Brigade we called, and readily responded. Seven of the above number would undoubtedly have proved very serious had not the timely help of the Council's Fire Brigade been available. Especially upon two occasions where the fires were so large that the Owners summoned the Steam Fire Engines of neighbouring authorities, but which upon arrival did not do any work; the successful efforts of our own men having proved sufficient to get the fires under control and eventually extinguish them.

Each Section of the Brigade is now fairly well manned and equipped. Each man I am pleased to say has now his full uniform, viz. :—Helmet, Tunic, Trousers, Boots, Axe and Belt, and Life-line.

Each Section still continues to work amicably with each neighbouring Section, and although the drills have not taken place so frequently as at the formation of the Brigade, there is manifested at every quarterly drill the same spirit of good feeling towards each other as at the first.

I take this opportunity on behalf of the Brigade (including myself) of thanking the Members of the Council for the kindness they have manifested towards us, in providing us with those appliances which we first of all proved to them were necessary.

I must here acknowledge the ever-ready help and good counsel which has always been given by the Chairman of the Fire Committee (C Woodhouse Esq.) when sought for.

The Insurance Companies have been very honourable in paying the claims made upon them for attendance at fires. We have not had a single case during the year in which there has been any dispute as to charges made or a refusal to pay the amount claimed.

Rowley Regis Urban District Council.

—o—

PIPES LAID DURING THE YEAR 1905.

—o—

42	yards of	12	inch pipes at	St. Luke's Churchyard, Cradley Heath
7	"	12	"	Wrights Lane.
3	"	15	"	Wrights Lane.
4	"	6	"	Tividale Council's Schools.
3	"	6	"	Siveters Lane.
70	"	9	"	Siveters Lane.
71	"	6	"	Siveters Lane Council's School.
10	"	9	"	Powke Lane.
10	"	6	"	Waterfall Lane.
2	"	9	"	Waterfall Lane.
75	"	9	"	Highfield Road.
22	"	6	"	High Street, Cradley Heath.
2	"	2	"	Tividale Hospital.
3	"	4	"	Tividale Hospital.
28	"	12	"	Portway.
61	"	12	"	Portway.
33	"	12	"	Portway.
11	"	6	"	Birmingham Road, Rowley Regis.
9	"	6	"	Station Road, Old Hill.
51	"	9	"	Powke Lane.
20	"	6	"	Cradley Heath.
12	"	6	"	Reddal Hill Road.
7	"	12	"	Church Street, Old Hill.
3	"	9	"	Dudley Road, Tividale
192	"	15	"	Waterfall Lane, Blackheath.

— — —
751 yards.

— — —

KERBING AND CHANNELLING LAID DURING
THE YEAR 1905.

February.

25 yards in Reddal Hill Road, Old Hill.

April.

40 yards in Hayes Road, Blackheath.

July.

20 yards at Birmingham Road, Blackheath.

October.

154 yards in Halesowen Road, Old Hill.

November.

10 yards in Halesowen Road, Old Hill.

—
249 yards.
—

— 0 —

The following houses have been supplied with South Staffordshire Water Works Company's Water during the year 1905

January	...	3	Houses.
February	...	21	,,
March	...	1	,,
April	...	1	,,
May	...	7	,,
June	...	13	,,
July	...	1	,,
August	...	17	,,
September	...	22	,,
October	...	13	,,
November	...	1	,,
December	...	5	,,
		—	
		105	
		—	

Rowley Regis Urban District Council.

— 0 —

DITCHES CLEANED DURING THE YEAR 1905.

— 0 —

January.

472 yards at Oakham Road.
 36 „ Birmingham Road.
 121 „ Gipsy Lane.

— 0 —

February.

32 yards at Beauty Bank.

— 0 —

April.

32 yards at Beauty Bank.
 54 „ Portway Road.
 30 „ Yewtree Lane.
 110 „ Perry's Lake.
 85 „ Rowley Road.
 32 „ Beauty Bank.

— 0 —

May.

32 yards at Beauty Bank.
 521 „ Oakham Road.

— 0 —

June.

34 yards at Beauty Bank.
 762 „ Throne Road

— 0 —

July.

103 yards at Chapel Street, Tividale.

August.

62	yards at	Church Road,	Rowley Regis.
34	„	Beauty Bank.	
41	„	Yewtree Lane.	
1281	„	Oakham Road.	
320	„	Oldbury Road.	

—o—

September.

202	yards at	Oldbury Road.
189	„	Rowley (in field).
850	„	Gipsy Lane.
302	„	Mincing Lane

—o—

October.

251	yards at	Hayseech
132	„	Oldbury Road.

o—

December.

91 yards at Perry's Lake.

 6211 yards

WILLIAM H. BRETTELL,

Surveyor.

January, 1906.

