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Contributors

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—THE—
URBAN DISTRICT COUNCIL
—OF—
STOURBRIDGE.

Annual Reports



OF THE
Medical Officer of Health
AND THE
Sanitary Inspector,
For 1913.—

STOURBRIDGE:

J. T. FORD, PRINTER & MANUFACTURING STATIONER.

3137.

✦ ✦

—THE—
URBAN DISTRICT COUNCIL OF STOURBRIDGE.

Chairman :

MR. COUNCILLOR FRANK TAYLOR, J.P.

SANITARY COMMITTEE.

Mr. Councillor W. Waugh, *Chairman.*

Mr. Councillor A. Brookes,	Mr. Councillor A. H. Moody,
” ” C. S. Hall,	” ” T. Poole,
” ” J. Hobley,	” ” J. Sutton,
” ” A. R. Jarvie,	” ” J. Wooldridge.

Medical Officer of Health :


H. WILBERFORCE FREER, M.R.C.S., L.R.C.P., LOND.

Sanitary Inspector :

ARTHUR KENT, M.S.I.A., A.R.S.I., Cert. Meat and Food
Inspector.

STATISTICAL SUMMARY, 1913.

Area in Acres	...	...	...	...	...	1920
Estimated Population middle 1913	...	...	...	...	...	17553
Population per acre	...	...	...	...	...	9'14
„ „ „ Stourbridge	...	...	...	...	...	24'00
„ „ „ Wollaston	...	...	...	...	...	6'69
„ „ „ Upper Swinford	...	...	...	...	...	3'52
Number of Houses in District (approximate)	...	...	...	...	...	4046
Rateable Value	...	...	...	...	...	£69,270
Birth Rate, nett	...	...	...	...	...	23'58
Death Rate, nett	...	...	...	...	...	13'50
Infantile Death Rate per 1,000 Births	...	...	...	...	...	96'61
Zymotic Death Rate	...	...	...	...	...	1'25
Total Deaths from Diarrhœa	...	...	...	...	...	6
Infantile Mortality from Diarrhœa per 1,000 Births	4'85
Death Rate from Phthisis	·85



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— THE —
URBAN DISTRICT COUNCIL OF STOURBRIDGE.

ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH

TOGETHER WITH

VITAL STATISTICS

FOR THE YEAR 1913.

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

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to present to you my Twelfth Annual Report on the health and vital statistics relating to the district for the year 1913.

Area.

The area of the District is 1,920 acres, and is sub-divided as follows:—

Stourbridge	...	...	453 acres.
Wollaston	...	...	476 "
Upper Swinford	...	...	991 "

Population.

The population, according to the census of 1911, was 17,316 for the entire district, and the population for the sub-districts were:—

Stourbridge	...	...	...	10,776
Wollaston	...	...	...	3,090
Upper Swinford	...	...	...	3,450

Estimated Population.

The estimated population to middle of 1913 is as follows :—

Stourbridge	...	...	...	10,873
Wollaston	...	...	...	3,185
Upper Swinford	...	...	...	3,495
Entire District	...	...	...	17,553

The average number of persons per acre is :—

Stourbridge	...	...	...	24·00
Wollaston	...	...	...	6·69
Upper Swinford	...	...	...	3·52
Entire District	...	...	...	9·14

Births.

During the year there were 412 births registered in the district of which 207 were males and 205 females. There were 2 births, viz. :—1 male and 1 female, both illegitimate children, transferred to this district, making altogether 414 births.

The birth rate for the whole district was 23·47 and the nett birth rate was 23·58 per 1,000 of the population.

The birth rate is slightly higher than the previous year, but with the exception of the year 1912 is the lowest recorded.

There were 18 illegitimate births, two being registered outside, but transferred to this district.

The percentage of illegitimate births to the total births is 4·33.

The births and birth rates in the respective districts were :—

	No. of Births.		Birth Rate.	
Stourbridge	265	.....	24·37
Wollaston	81	.....	25·43
Upper Swinford	66	.....	18·88

In 1912 the births and birth rates were :—

	No. of Births.		Birth Rate.	
Stourbridge	251	.....	23·23
Wollaston	83	.....	26·44
Upper Swinford	65	.....	18·75

Deaths.

The number of deaths registered in the district during the year was 206 (101 males, 105 females).

The death rate for 1913 is 11·73 compared with :—

198	deaths	and a death rate of	11·37	in	1912
229	"	"	"	13·03	" 1911
193	"	"	"	10·83	" 1910
233	"	"	"	14·40	" 1909
202	"	"	"	11·60	" 1908

The deaths which occurred in each district were as follows :—

Stourbridge ...	129	compared with	122	in 1912
Wollaston	43	"	"	45 "
Upper Swinford	34	"	"	31 "

There were 3 deaths occurring of persons who were non-residents of the district, and these are deducted from the total number of deaths of persons belonging to this district.

There were, however, 34 deaths of persons (23 males, 11 females) residents of this district, occurring outside this district, which for statistical purposes have to be included in the death rate for this district. These deaths occurred as follows :—

		Stourbridge.	Wollaston.	Upper Swinford.	Ttl.
The Union, Wordsley	11	...	1	...	13
Corbett Hospital	3	...	3	...	9
Birmingham	1	...	1	...	4
Isolation Hospital, Hayley Green	2	...	0	...	2
County Lunatic Asylum, Bromsgrove	1	...	0	...	1
Lunatic Asylum, Powick	1	...	0	...	1
Amblecote	1	...	0	...	1
Bournemouth	1	...	0	...	1
London	1	...	0	...	1
Lye	1	...	0	...	1
Total	23	5	6	34	

Thus making the total deaths belonging to this district 237, and giving a nett death rate of 13·50, being the same as last year.

The mean age at death of the deaths registered in this district is 44·12.

The mean age at death of the deaths of persons belonging to this district but registered outside is 43·23.

The nett mean age at death (*i.e.*, deaths occurring inside and outside the district) is 42·41.

Thirty-eight per cent. of the deaths occurred in persons over 65 years of age, against 34 per cent. in 1912, 35 per cent. in 1911, 33 per cent. in 1910, and 27 per cent. in 1909.

Sixteen per cent. were under one year of age, being the same percentage as the previous year, as compared with 22 per cent. in 1911 and 20 per cent. in 1910.

In the following Street list, the births and the total deaths in each Street are given, as well as the number of deaths of infants under one year.

**Street List showing Number of Births, Infantile Deaths and
Total Deaths.**

STREET.		Births.	Deaths of Infants under 1 Year.	Total Deaths.
Albert Street	...			2
Angel Street	...	14	2	4
Back Lane	...	1		1
Bagley Street	...	6		1
Bank Street	...			
Bath Road	...	2		
Baylie Street	...	4		
Beale Street	...	2		2
Beech Road	...			1
Bell Street	...			
Birmingham Street	...	21	5	12
Bowling Green Road	...	5		1
Brickkiln Lane	...			
Bridgnorth Road	...	7		4
Bridle Road	...	6		1
Bright Street	...	2		
Brook Road	...	3		1
Brook Street	...	14	2	5
Cecil Street	...	8	1	2
Cathcart Road	...			1
Chapel Street	...	2		2
Chawnhill	...	2		
Cherry Street	...	2		1
Church Street	...	4		4
Church Road	...			
Clark Street	...	1		
Cleveland Street	...			3
Cliff, The	...	2	1	5
Clifton Street	...	7		2
Cobden Street	...	9	2	6
Corser Street	...	5		2
Court Street	...	2		
Coventry Street	...	6	1	3
Craufurd Street	...			
Cross Street	...	1		
Duke Street	...	4	1	2
Duncombe Street	...	1		2
Eggington Road	...	1		1
Enville Street	...	14	3	8
Farlands Road	...			1
Field Lane	...	4	1	2
Fir Grove	...	1		
Firmstone Street	...	2		1
Foster Street	...			

**Street List showing Number of Births, Infantile Deaths and
Total Deaths.—Continued.**

STREET.	Births.	Deaths of Infants under 1 Year.	Total Deaths.
Gig Mill			
Giles Hill			
Gladstone Road	4		1
Glasshouse Hill	1		
Glebe Lane	1		
Greenfield Avenue	1		
Green Street	7	2	6
Hadcroft	1	1	1
Hagley Road (Stourbridge)			2
Hagley Road (Upper Swinford)	10	1	7
Hanbury Hill			
Hanbury Passage			
Hall Street	5	1	3
Ham			
Heath Street	6		4
Heath Lane	5		4
Hemplands	1		
High Street (Stourbridge)			
High Street (Wollaston)	9	1	7
High Park Avenue			
Hill Street	3		2
Hungary Hill	3		1
Junction Road			
Jobs Lane			
King Street	11		5
Laburnam Street	2		2
Lawn Street	3		1
Lawrence Street	1		
Lion Street	3		1
Lion Passage			
Love Lane	4		1
Lower Hill Street	4		
Lower Swinford			
Mamble Road	9	2	3
Market Street			2
Mill Street	1		
Mount Street	9		2
Mount Road	1		1
New Street	1		2
New Road			
Norton Road and Norton	14		3
Pargeter Street	1		
Parkfield Road	1		2
Parkfield Terrace... ..	1		
Park Street	1		

**Street List showing Number of Births, Infantile Deaths and
Total Deaths.—Continued.**

STREET.	Births.	Deaths of Infants under 1 Year.	Total Deaths.
Park Lane	2		
Prescot			
Pool Street			
Prospect Hill	1		1
Queen Street	1		
Rectory Road	1		
Red Hill (Stourbridge)			3
Red Hill (Upper Swinford)	3		
Ridge Street	1		3
School Street			
Shepherd's Brook... ..	4	1	2
Short Street			
South Avenue	2		1
South Road	9	1	9
Stamber Mill	1		
Summer Street	14	1	3
Swan Street	4		
Swinford Road			
The Grange			
The Heath			1
Theatre Road	1		
Talbot Street	5	2	3
Union Passage	1		
Union Street	7	1	3
Unwin Passage			1
Valley Road			
Vicarage Road	16	2	7
Victoria Street	1		1
West Street	7	1	1
Wheeler Street	12	1	3
Wheeler's Hill			1
Witton Street	4		6
Wood Street	7	1	2
Wollaston Road	1		
Worcester Street (Stourbridge)	6		3
Worcester Street (Upper Swinford)	8	1	2
Yardley Street	3		1
The Union		1	13
Corbett Hospital			9
County Lunatic Asylum, Bromsgrove			1
Worcester County and City Lunatic Asylum, Powick			1

**Street List showing Number of Births, Infantile Deaths and
Total Deaths —Continued.**

	Births.	Deaths of Infants under 1 Year.	Total Deaths.
Infectious Diseases Hospital, Hayley Green			2
Amblecote			1
Lye			1
Birmingham			4
Bournemouth			1
London			1
External Births	2		
	414	40	237

Infantile Mortality.

There were 39 deaths of infants under one year of age registered in the district, and one belonging to this district, but registered outside, making a total of 40, compared with 39 in 1912, 59 in 1911 and 44 in 1910.

	1913.	1912.	1911.
Stourbridge	27	26	40
Wollaston	6	9	13
Upper Swinford	6	2	5
The Union, Wordsley... ..	1	1	0
Kidderminster	0	1	0
Corbett Hospital	0	0	1

The infantile mortality rate for 1913 was 96·61, compared with 96·29 in 1912, and 131·11 in 1911.

The average number of infantile deaths for the past 10 years is 49, and the mortality rate 114·46.

The following table gives the total deaths of infants, and the percentage rates for registered births from 1898, together with percentage rates in England and Wales.

Year.	No. of Deaths.	Percentage.	Percentage England & Wales.
1898	74	16·2	16·0
1899	68	14·1	16·3
1900	77	16·4	15·4
1901	72	15·0	15·1
1902	51	10·9	13·3

Year.	No. of Deaths.	Percentage.	Percentage England & Wales.
1903	58	12.3	13.2
1904	63	13.5	14.5
1905	43	10.2	12.8
1906	52	10.9	13.2
1907	54	12.4	11.8
1908	37	8.3	12.0
1909	66	15.3	10.9
1910	44	10.8	10.5
1911	59	13.11	
1912	39	9.62	
1913	40	9.66	

Table Showing Causes of Infantile Deaths and Months in which they occurred.

DISEASE.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Premature Birth ..	..	2	2	2	3	1	..		..	I	I	I	13
Bronchitis ..	I	I	2	I	..	..	..	..	..	..	I	..	6
Inanition ..	I	..	..	..	..	..	..	..	I	2	..	I	5
Convulsions ..	..	..	I	..	..	..	I	..	..	..	..	..	2
Non-Assimilation of Food ..	..	..	..	..	..	..	..	..	I	..	..	I	2
Spasmodic Croup ..	I	..	..	..	..	..	..	..	..	..	..	..	I
Broncho Pneumonia ..	..	I	..	..	..	..	..	..	..	..	..	..	I
Marasmus ..	..	I	..	..	..	..	..	..	..	..	..	..	I
Gastro Enteritis ..	..	I	..	..	..	..	..	..	..	..	..	..	I
Whooping Cough ..	..	..	I	..	..	..	..	..	..	..	..	..	I
Malformation ..	..	..	I	..	..	..	..	..	..	..	..	..	1
Influenza and Broncho Pneumonia ..	..	..	I	..	..	..	..	..	..	..	..	..	I
Measles ..	..	..	..	..	I	..	..	..	..	..	..	..	I
Suffocated in Bed ..	..	..	..	..	..	..	I	..	..	..	..	..	I
Catarrhal Jaundice ..	..	..	..	..	..	..	I	..	..	..	..	..	I
General Tuberculosis ..	..	..	..	..	..	..	..	I	..	..	..	..	I
Enteritis ..	..	..	..	..	..	..	..	..	I	..	..	..	I
Total ..	3	6	8	3	4	I	3	I	3	3	2	3	40

It will be seen from the above table that two deaths occurred from Diarrhoeal Diseases.

In my annual report for 1912 I stated that the infantile death rate in that year was, with one exception, the lowest recorded.

In 1913, whilst the number of births has increased over 1912, the deaths of infants only showed an increase of one, and the infantile mortality rate is only very slightly increased.

It is gratifying to be able to record the continuance of a low infantile mortality rate.

The Health Missioner reports to me as follows :—

Of the Infants visited during 1913, 114 were breast fed, 12 were artificially fed and 24 had both breast and other foods.

This year only 7 nursing mothers worked away from home, so that many infants were better managed, both in feeding and general care.

Ten mothers brought their infants to be weighed, their progress was well maintained, and in 3 cases of puny infants marked improvement was soon seen.

284 visits were paid to 154 infants, and 375 repeat visits were made.

Zymotic Diseases.

There were 22 deaths from Zymotic Diseases during the year, giving a Zymotic death rate of 1·25 per 1000 of the population, compared with 23 deaths and a death rate of 1·32 in 1912.

The deaths from Zymotic Diseases were as follows :—

Stourbridge.	Wollaston.	Upper Swinford.
16	3	3
viz.:—Diarrhœa and Enteritis		
Whooping Cough	...	6
Diphtheria	...	5
Influenza	...	5
Measles	...	3
Enteric Fever	...	2
		1
		—
		22
		—

The Zymotic death rates per 1000 of the population for the different localities were :—

Stourbridge	...	1·46
Wollaston	...	·94
Upper Swinford	...	·85

The death rate for each disease was :—

Diarrhoea	...	...	·34
Whooping Cough	...	...	·28
Diphtheria	...	...	·28
Influenza	...	...	·16
Measles	...	...	·11
Enteric Fever	...	...	·05

Measles.

There were two deaths. One being an infant under one year of age, the other a child between the age of one and five years.

One death was in Stourbridge, the other in Upper Swinford.

As a large number of scholars attending the Infant department of Hill Street Council School were absent on account of measles in April, it was considered expedient to close this department for a period of four weeks.

The school was disinfected.

Scarlet Fever.

Thirty-one cases were notified during the year, and the cases occurred throughout the year as will be seen by the following table.

No cases were reported in the months of July and October.

MONTH.	Stourbridge.	Wollaston.	Upper Swinford.	Total.
January ...	...	...	1	1
February ...	3	...	4	7
March ...	2	...	2	4
April ...	1	...	...	1
May ...	2	...	...	2
June ...	2	...	...	2
July ...	...	...	...	...
August ...	1	...	...	1
September ...	1	1	3	5
October ...	...	...	...	...
November ...	3	...	2	5
December ...	3	...	...	3
Total ...	18	1	12	31

Twenty cases were removed to the Isolation Hospital. Ten being from Stourbridge and the remaining 10 from Upper Swinford.

There were no deaths.

The 31 cases occurred in 23 houses, viz. :—

Stourbridge	...	18 cases in 15 houses.
Wollaston	...	1 case in 1 house.
Upper Swinford	...	12 cases in 7 houses.

Sixteen were children attending schools, viz. :—

Oldswinford C.E.	...	4
Hill Street Council	...	4
R.C. St. Joseph's	...	3
Brook Street Council...	...	2
Private	...	2
Pedmore	...	1

—
16
—

List of Cases and Deaths since 1903.

YEAR.	Cases.	Deaths.	Per cent. of deaths in cases notified.
1903	39	2	5.12
1904	23	1	4.34
1905	27	...	...
1906	58	...	...
1907	44	1	2.5
1908	156	4	2.56
1909	195	7	3.5
1910	66	...	...
1911	48	1	2.08
1912	27	...	...
Average of years 1903-12.	68	1.6	2.34
1913	31		

Whooping Cough.

Five deaths occurred from this disease, viz. :—one infant under one year of age, three children between the ages of one and two years, and one between the ages of two and five years.

Diphtheria.

Nine cases were reported, viz.:—one each in the months of January, March, and August, and two each in the months of February, April and July. In December an inquest was held in connection with the death of a youth of 13 years of age, the cause of death was stated to be Diphtheritic Laryngitis, thus making 10 cases occurring during the year.

Six of the cases reported were children between the ages of five and 15 years. One was a child between the age of one and five years, the remainder being adults.

There were five deaths, all between the ages of five and fifteen years. Diphtheria Antitoxin was supplied in cases on application of medical attendant.

The following list gives number of cases and deaths in each year since 1896 :—

Year.	Cases.	Deaths.
1896 ...	15	8
1897 ...	3	0
1898 ...	6	2
1899 ...	4	1
1900 ...	11	2
1901 ...	14	0
1902 ...	4	0
1903 ...	2	0
1904 ...	0	0
1905 ...	3	0
1906 ...	3	0
1907 ...	2	0
1908 ...	9	3
1909 ...	6	2
1910 ...	3	0
1911 ...	8	0
1912 ...	10	1
1913 ...	10	5

Seven of the cases occurred in Stourbridge, one in Wollaston, and one in Upper Swinford.

Three cases were removed to Hospital.

In several of the cases the diagnosis was confirmed by bacteriological examination.

All cases were closely enquired into and the usual disinfection subsequently carried out.

In one or two cases there was strong evidence of the disease having been contracted outside the district.

Enteric Fever.

Three cases were notified during the year.

One case occurred in each of the months of June, October and December.

The following list gives number of cases in each year since 1896:—

Year.	Cases.
1896	5
1897	5
1898	6
1899	8
1900	25
1901	5
1902	10
1903	8
1904	7
1905	19
1906	4
1907	9
1908	1
1909	8
1910	5
1911	2
1912	3
1913	3

All the cases occurred in Stourbridge.

Two of the cases occurred in one house, being a man and his wife.

Two of the cases were removed to the Hospital.

That this disease occurred in only two houses is a matter for congratulation, the number of cases of Enteric Fever being a good indication of the sanitary condition of a town.

List of Notifications of Infectious Disease.

DISEASE.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Tot.
Diphtheria ..	1	2	1	2	..	..	2	1	..	..	..	..	9
Erysipelas ..	..	..	..	..	..	..	2	1	..	1	..	..	4
Scarlet Fever .	1	7	4	1	2	2	..	1	5	..	5	3	31
Enteric Fever ..	..	..	..	..	..	1	..	..	..	1	..	1	3
Pulmonary Tuberculosis	7	4	1	3	10	17	4	2	3	1	14	3	69
General Tuberculosis	..	..	..	..	..	..	5	..	..	1	2	..	8
Total ..	9	13	6	6	12	20	13	5	8	4	21	7	124

Street List of Notification of Infectious Disease.

STREET.	Scarlet Fever	Enteric Fever	Diphtheria.	Erysipelas.	Phthisis.	Other Tubercular Diseases	TOTAL.
Albert Street	...						
Angel Street	...						
Back Lane	...						
Bagley Street	...			1	1		2
Bank Street	...						
Bath Road	...						
Baylie Street	...						
Beale Street	...	1					1
Beech Road	...				2		2
Bell Street	...						
Birmingham Street	...				7		7
Bowling Green Road	...						
Brickkiln Lane	...						
Bridgnorth Road	...						
Bridle Road	...				1		1
Bright Street	...						
Brook Road	...						
Brook Street	...					1	1
Cecil Street	...	1			1		2
Chapel Street	...						
Chawnhill	...						
Cherry Street	...						
Church Street	...				3		3
Church Road	...						
Clark Street	...						
Cleveland Street	...				1		1
Cliff, The	...				2		2

Street List of Notification of Infectious Disease—*Continued.*

STREET.	Scarlet Fever	Enteric Fever	Diphtheria.	Erysipelas.	Phthisis.	Other Tubercular Diseases	TOTAL.
Clifton Street ...							
Cobden Street ...			1		1		2
Corser Street ...							
Court Street ...					1		1
Coventry Street ...							
Craufurd Street ...							
Cross Street ...							
Duke Street ...							
Duncombe Street ...						1	1
Enville Street ...	1		1		1		3
Farlands Road ...							
Field Lane ...	1				4	1	6
Fir Grove ...							
Firmstone Street ..					2		2
Foster Street ...							
Gig Mill ...							
Giles' Hill ...					1		1
Gladstone Road ...							
Glasshouse Hill ..					1		1
Glebe Lane ...		2					2
Greenfield Avenue ...							
Green Street ...							
Hadcroft ...							
Hagley Road (Stourbridge)							
Hagley Road (Upper Swinford)	2				4	1	7
Hanbury Hill ...							
Hanbury Passage ...							
Hall Street ...				1			1
Ham ...							
Heath Street ...			1				1
Heath Lane ...	4				3		7
Hemplands ...							
High Street (Stourbridge)					2		2
High Street (Wollaston) ...					2		2
High Park Avenue ...	1						1
Hill Street ...		1		1	1		3
Hungary Hill ...							
Junction Road ...							
Jobs Lane ...							
King Street ...					3	2	5
Laburnam Street ...							
Lawn Street ...	1						1

Street List of Notification of Infectious Disease—*Continued.*

STREET.	Scarlet Fever	Enteric Fever	Diphtheria.	Erysipelas.	Phthisis.	Other Tubercular Diseases	TOTAL.
Lawrence Street	...						
Lion Street	...						
Lion Passage	...						
Love Lane	...						
Lower Hill Street	... 1					1	2
Lower Swinford	...						
Mamble Road	...				3		3
Market Street	...				1		1
Mill Street	... 3					1	4
Mount Street	...				4		4
Mount Road	...						
New Street	...				1		1
New Road	...						
Norton Road and Norton...	3						3
Pargeter Street	...				1		1
Parkfield Road	...						
Parkfield Terrace	...						
Park Street	... 4						4
Park Lane	...						
Prescot	...						
Pool Street	...						
Prospect Hill	... 1		1				2
Queen Street	...						
Rectory Road	...						
Red Hill (Stourbridge)	...						
Red Hill (Upper Swinford)	1		1		1		3
Ridge Street	...						
School Street	...						
Shepherd's Brook	...				1		1
Short Street	...						
South Avenue	... 1						1
South Road	... 1				1		2
Stamber Mill	...				1		1
Summer Street	...				3		3
Swan Street	...						
Swinford Road	...						
The Grange	...						
The Heath	...						
Theatre Road	...						
Talbot Street	...				1		1
Union Passage	...		1				1
Union Street	...				2		2
Unwin Passage	...						

Street List of Notification of Infectious Disease—*Continued.*

STREET.	Scarlet Fever	Enteric Fever	Diphtheria.	Erysipelas.	Phthisis.	Other Tubercular Diseases	TOTAL.
Valley Road ...							
Vicarage Road ...							
Victoria Street ...							
West Street ...	2		3				5
Wheeler Street ...							
Wheeler's Hill ...							
Witton Street ...					1		1
Wood Street ...							
Wollaston Road ...							
Worcester Street (Stourbridge)	1						1
Worcester Street (Upper Swinford)	1				1		2
Yardley Street ...					1		1
Staffordshire County Asylum, Cheddleton					1		1
Total ...	31	3	9	3	68	8	122

Diarrhœa and Enteritis.

Six deaths were recorded from these diseases. Two cases occurring among infants under one year; three cases between the ages of one and two; and one case between the ages of 45 and 65

In Stourbridge there were three deaths, in Wollaston two deaths, and in Upper Swinford one death.

Among the deaths was one of a child, aged 18 months. The child was brought into this district one week before death from a neighbouring town and had there received medical attendance for the disease from which it died. The Coroner furnished the death certificate. This death is strictly speaking a transferable one, but I have included it in our Annual Statistics.

One death was registered in each of the months of February, June and August, and three deaths in September. Undoubtedly climatic conditions were against the occurrence of diarrhœa in epidemic form, but at the same time I do believe that parents are becoming more particular so far as regards the cleanliness of their homes and surroundings, and are adopting more healthy methods of rearing their young infants—and it is in this direction that the work of the Health Missioner lies.

I am glad to say that the old fashioned type of feeding bottle has been conspicuous by its absence.

**Street List of Infantile Deaths from Diarrhoeal
Diseases—Continued.**

STREETS.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	TOTAL
WOLLASTON.											
Cobden Street ...						1					1
Firmstone Street ...					2			2			4
High Street ...									1		1
Laburnam Street ...		1									1
Vicarage Road ...	2										2
UPPER SWINFORD.											
Farlands Road ...		1									1
Shepherd's Brook ...		1	1							1	3
	8	8	6	4	5	10	2	19	3	2	67

Pulmonary Tuberculosis.

There were 69 cases reported during the year.

Forty of the cases reported were in the Stourbridge locality ; ten in Wollaston ; and nineteen in Upper Swinford.

There were 15 deaths.

The death rate per 1000 of the population was .85.

The following Table gives the number of deaths and death rates per 1000 population for the whole district, and the death rates for England and Wales.

Year	No. of Deaths.		Death Rate		Death Rate England & Wales.	
1901	...	17	...	1.04	...	1.26
1902	...	16	...	.97	...	1.23
1903	...	24	...	1.44	...	1.42
1904	...	18	...	1.07	...	1.23
1905	...	18	...	1.06	...	1.14
1906	...	14	...	.81	...	1.15
1907	...	22	...	1.27	...	1.14
1908	...	20	...	1.14	...	1.11
1909	...	20	...	1.13	...	1.08
1910	...	18	...	1.01	...	1.01
1911	...	16	...	.92	...	
1912	...	12	...	.68	...	
1913	...	15	...	.85	...	

Other Tuberculous Diseases.

There were eight cases reported during the year, viz. :—

Cervical Glands	...	...	2
Spine	...	...	2
Intestines and Mesentery	...	...	2
Skin and Larynx	...	...	1
Cheek	...	...	1

There were three deaths.

All of the houses where deaths occurred were disinfected.

In eight cases I certified for the cleansing and disinfection of houses after the occurrence of Pulmonary Tuberculosis under Sec. 5 of the Infectious Diseases Prevention Act, 1890.

Pocket sputum flasks were supplied, free of charge, to sufferers on recommendation of their medical attendants.

All the cases of Tuberculosis notified were visited and directions given as to the precautions to be taken.

In all cases where I found sanitary defects, I requested the Sanitary Inspector to inspect not only the house occupied by the patient, but also the houses and surroundings in the immediate vicinity, and as a result of these inspections I am informed that notices were served in respect of 20 houses occupied by tuberculous patients, and it was necessary to apply for closing orders in respect of six houses. At the end of the year one of the six houses was under a demolition order, and the other five were repaired or undergoing repair.

As a result of inspection of premises following upon notification of cases of tuberculosis, notices were served in respect of about 80 houses.

The 77 cases of tuberculosis occurred in 72 houses, and it must not be inferred from my remarks above that only 20 of them were found to be defective, because at the time of notification some of them were undergoing repairs as a result of previous inspections.

In most of the cases the most serious defects met with were dampness, and bad ventilation and lighting.

Overcrowding to any serious extent was not found in any case.

Seven cases of Pulmonary Tuberculosis received Sanatorium treatment.

Two shelters have been in use during the year.

Several patients have attended the Stourbridge Dispensary and have received tuberculin treatment.

Of the 77 cases of Tuberculosis notified during the year 12 died.

38 of the cases were school notifications.

Cancer.

There were 16 deaths from this disease during the year, Stourbridge 12, Wollaston 2, Upper Swinford 2.

The deaths in previous years were :—

	Stourbridge.	Wollaston.	Upper Swinford.	TOTAL.
1903	13	1	1	15
1904	9	3	3	15
1905	10	5	2	17
1906	10	4	2	16
1907	7	2	3	12
1908	18	4	0	22
1909	8	3	3	14
1910	6	3	9	18
1911	9	2	4	15
1912	12	4	1	17
Averages	10·2	3·1	2·8	16·1

Table showing death rates per 1000 population for whole district, and for England and Wales.

	Whole District.	England & Wales.
1903	·90	·86
1904	·89	·88
1905	1·00	·88
1906	·93	·92
1907	·69	·91
1908	1·26	·92
1909	·79	·95
1910	1·01	·96
1911	·85	
1912	·97	
1913	·91	

Ophthalmia Neonatorum.

No case was notified during the year.

Cerebro Spinal Meningitis.

There was no case reported during the year.

In April a death was registered as having occurred from this disease. I communicated with the certifying practitioner who informed me that the case was not one of epidemic cerebro spinal meningitis, but one of pneumococcal infection arising from earlier illness.

District Nursing.

There are two District Nurses. One for Stourbridge and Wollaston and one for Upper Swinford, both supported by voluntary subscriptions.

It would be impossible to speak too highly of the value and usefulness of their work. They have brought comfort to many a sick person where otherwise there would have been but little.

Water Supply.

A few houses still procure their water supply from wells.

A sufficient and convenient water supply is insisted upon.

The water supplying the district is obtained from deep wells, pumped into a reservoir.

Offensive Trades.

In 1910 the Council applied to the Local Government Board to have certain trades included in the list of offensive trades. This sanction was obtained in 1910.

House Refuse, Drainage and Sewage.

The greater portion of house refuse is destroyed at the Refuse Destructor which was erected in 1904. Ashbins are rapidly replacing ashpits.

Nearly all the houses in the district are provided with W.C.'s. A number of slop closets, which to my mind are highly undesirable, have been converted into fresh water flush water closets.

The sewers are in part ventilated by means of Webbs' Ventilating Lamps. It was in 1911 that the Council decided to spend £50 a year for providing these lamps. Up to the end of this year six have been erected. I believe this to be a very good investment, and will, I feel confident, have a very beneficial effect upon the public health.

Your Surveyor tells me that for the complete ventilation of the sewers by this method some twenty of these lamps will be required.

The Sewerage is treated on the broad irrigation principle by the Stourbridge Main Drainage Board.

Sanitary Inspection of District.

The report of the Sanitary Inspector, which follows mine, gives a detailed account as to the inspection of the district.

Under the Housing, Town Planning, &c., Act, 1909, I supplied lists of houses from time to time which required immediate inspection.

During 1913 Closing Orders were made in respect of 64 houses.

In most cases where Closing Orders were made it was not necessary to proceed with ejectment orders against the tenants as the repairs were carried out whilst the houses were occupied.

During the year a leaflet was printed and issued, and copies delivered from house to house, stating in simple language how various nuisances may be avoided.

The Sanitary Inspector has furnished me with a list of inspections made by him during the year.

House and Premises	...	...	...	485
Inspections under the Town Planning &c., Act, 1909				177
Visits <i>re</i> Infectious Disease	...	...	...	47
Visits <i>re</i> Tuberculosis	...	...	...	77
Inspections and re-visits	...	...	...	2164
Slaughterhouses	...	...	...	191
Bakehouses	...	...	...	85
Cowsheds	...	...	...	70
Workshops	...	...	...	54
Vans	...	...	...	32
Preliminary notices served	...	...	...	187
Preliminary notices complied with	...	...	...	154
Statutory notices served	...	...	...	369
Statutory notices complied with	...	...	...	259

Housing.

There is no considerable amount of overcrowding in houses in this district. Five cases were dealt with during the year.

There are no overcrowded areas in the district, and it is especially favoured regarding spaces about houses.

In the whole district the number of persons per acre is slightly over nine. In the Stourbridge locality there are 24 persons per acre, in Wollaston nearly seven, whilst in Upper Swinford there are not quite four.

The erection of new houses is under the supervision of the Surveyor.

During the year 1913 only 29 new houses were erected in the district, none of which would be let at a rental under five shillings per week.

The number of houses erected during the year is less than that for any one year during the last decade.

Against this, eleven houses were demolished, nine after closing orders, and two for Street improvements; and six houses were lost owing to twelve houses having been converted into six.

At the Council Meeting held on 30th June, 1913, the following resolution was passed:—

“That a Special Committee be appointed for the purpose of (a) making a full enquiry into the alleged inadequate supply of houses, at suitable rents, for the working classes, (b) to consider, if any, and what means can be devised as a solution of the difficulty which may be found to exist, and (c) to report their findings and recommendations to this Council at the earliest possible date.”

The Committee frequently met, but at the end of the year had not made a report.

Chief Road Widenings and Improvements carried out in the District during the last five years.

The most important are Market Street and Talbot Street, Heath Lane (between Hagley Road and Corser Street), Enville Street and Hemplands, demolition of the Round Court and construction of a new road. Enville Street between Summer Street and Mamble Road, Chawnhill, corner of Brook Street and Swan Street, New Road and Hagley Road corner, Bowling Green Lane between Cecil Street and Mamble Road, and corner of Bridgnorth Road and Meriden Avenue.

For this information I am indebted to your Surveyor, who states that “The above are important road widenings carried out at a cost of approximately £10,000. These improvements necessitated the purchase of considerable property, and have been necessary owing to the narrowness of the roads and for removing dangerous corners.”

Natural and Social Conditions of the District.

Occupations :—Iron Works and the manufacture of Spades and Shovels; Fire Bricks and Gas Retorts; Earthenware Baths and Sinks; Skin Rugs; and Chamois Leather, furnish the chief occupations of the inhabitants, other than those usually met with in towns.

Poor Law Relief :—This is not excessive.

Gratuitous forms of Medical Relief :—The Dispensary, situate in the district; The Corbett Hospital, in Amblecote, and the Hospitals in Birmingham are considerably used by the inhabitants.

Rivers and Streams.

The Stour is the only river in the district, from which it practically receives no pollution.

Infectious Diseases.

On receipt of notification each case was carefully enquired into. Infected houses were fumigated with Formalin, and bedding and clothing disinfected at the Isolation Hospital, at Hayley Green, by super-heated steam.

Suitable disinfectants were supplied to occupiers of infected houses.

Burial Grounds.

There are three Burial Grounds in use in the district, the Council's Cemetery, and the Wollaston and Oldswinford Churchyards.

The Roman Catholic Cemetery is situated just outside the district.

Sunday funerals at the Council's Cemetery are not allowed, except in cases receiving the sanction of the Council, through me.

Public Mortuary.

This was opened in 1909, and was used upon several occasions during the year.

Vaccination.

Exemption certificates were obtained in considerable numbers, and many parents took their infants to a neighbouring district to have only one mark put on.

Appended are the Tables of Vital Statistics of the Local Government Board.

I am, Mr. Chairman and Gentlemen,

Yours faithfully,

H. WILBERFORCE FREER,

M.R.C.S., L.R.C.P., LOND.,

Medical Officer of Health.

STUDY PROGRESS REPORT FOR THE YEAR 1967

No.	Name of the student	Date of birth	Academic performance			Remarks	Signature of the teacher
			First term	Second term	Third term		
1	John Doe	1965-01-15	85	78	82	Good progress	
2	Jane Smith	1965-03-22	72	65	70	Needs more effort	
3	Robert Brown	1965-05-10	90	88	92	Excellent	
4	Emily White	1965-07-05	68	60	65	Struggling	
5	Michael Green	1965-09-18	75	70	73	Steady progress	
6	Sarah Black	1965-11-01	80	75	78	Good	
7	David Lee	1965-12-12	70	68	70	Consistent	
8	Lisa King	1966-01-25	88	85	87	Very good	
9	Christopher Hall	1966-03-08	60	55	58	Needs help	
10	Amanda Young	1966-04-20	78	72	75	Good	
11	Benjamin Clark	1966-06-03	82	78	80	Steady	
12	Olivia Lewis	1966-07-16	70	65	68	Good	
13	Ethan Walker	1966-08-29	85	80	83	Good	
14	Sophia Hall	1966-10-11	65	60	63	Needs more practice	
15	Isaac King	1966-11-24	75	70	73	Steady	
16	Grace Lee	1966-12-07	80	75	78	Good	
17	Samuel King	1967-01-20	70	65	68	Good	
18	Chloe King	1967-02-02	85	80	83	Good	
19	Lucas King	1967-02-14	75	70	73	Steady	
20	Isabella King	1967-02-26	80	75	78	Good	

Teacher's Signature: _____ Date: _____

Table 1. Vital Statistics of Whole District during 1913 and previous Years.

YEAR.	Population estimated to middle of each year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.		Number	Rate.	of Non-residents registered in the District	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number	Rate.					Number *	Rate per 1,000 Nett Births.	Number *	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1908	17301	444	444	26.07	202	11.86		27	37	83.83	229	13.23
1909	17134	430	430	25.09	254	14.83	1	25	66	153.48	288	16.88
1910	17238	406	406	23.55	193	11.19	1	18	44	108.37	210	12.12
1911	17341	450	450	25.99	229	13.20	3	34	59	131.11	260	14.99
1912	17407	399	405	23.26	198	11.37		37	39	96.29	235	13.50
1913	17553	412	414	23.47	203	11.50	1	34	40	96.61	236	13.50

NOTES.—This Table is arranged to show the gross births and deaths in the district, and the births and deaths properly belonging to it with the corresponding rates. For years before 1911 some of the corrected rates probably will not be available. The rates should be calculated per 1,000 of the estimated gross population. In a district in which Public Institutions for the sick or infirm seriously affect the statistics, the rates in Columns 5 and 13 may be calculated on a nett population, obtained by deducting from the estimated gross population the average number of inmates not belonging to the district in such institutions.

*In Column 6 are to be included the whole of the deaths registered during the year as having actually occurred within the district.

In Column 12 is to be entered the number in Column 6, corrected by subtraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are to be similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

Table II. Cases of Infectious Disease notified during the year 1913.

NOTIFIABLE DISEASE.	Number of Cases Notified.							Total cases notified in each Locality.			Total cases removed to Hospital.
	At all Ages.	At Ages—Years.						Stourbridge	Wollaston.	Upper Swinford.	
		Under 1	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.					65 and upwards
Small-pox ...	9		1	6	1	1		7	1	1	3
Cholera ...	4	1			1	2		3		1	
Plague ...	31		9	18	3	1		19	1	11	21
Diphtheria (including Membranous croup)											
Erysipelas ...											
Scarlet Fever...											
Typhus Fever	3					1	2	3			2
Enteric Fever											
Relapsing Fever											
Continued Fever											
Puerperal Fever											
Cerebro-spinal Meningitis ...											
Poliomyelitis ...											
Pulmonary Tuberculosis ...	69		18	24	9	16	2	40	10	19	7
Other forms of Tuberculosis ...	8	1	1	3		3		3	3	2	
Totals ...	124	2	29	51	14	24	4	75	15	34	33

Isolation Hospital or Hospitals, Sanatoria, &c.:—Hayley Green Infectious Hospital, and Hospital for Consumptives, Knightwick Sanatorium and Welland Sanatorium.

Table III. Causes of, and Ages at Death During Year 1913.

Causes of Death.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.								
	All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.
All Causes { Certified ..	230	38	10	2	14	6	26	46	88
{ Uncertified ..	7	2	1		1			1	2
Enteric Fever	1						1		
Small-pox									
Measles	2	1		1					
Scarlet Fever									
Whooping Cough ..	5	1	3	1					
Diphtheria and Croup ..	5				5				
Influenza	3	1			1				1
Erysipelas									
Phthisis (Pulmonary Tuberculosis) ..	15				1	1	11	2	
Tuberculous Meningitis ..									
Other Tuberculous Diseases	3	1	2						
Cancer, malignant disease ..	16						1	7	8
Rheumatic Fever	2								2
Meningitis	2		1		1				
Organic Heart Disease ..	23				1	2	3	7	10
Bronchitis	26	7			2			3	14
Pneumonia (all forms) ..	9		1		1			4	3
Other diseases of respiratory organs ..	1							1	
Diarrhoea and Enteritis ..	6	2	3					1	
Appendicitis and Typhlitis ..	2				2				
Cirrhosis of Liver									
Alcoholism	2							1	1
Nephritis and Bright's Disease	5						1	2	2
Puerperal Fever	1						1		
Other Accidents and Diseases of Pregnancy and Parturition ..	1						1		
Congenital Debility and Malformation, including Premature Birth ..	23	23							
Violent Deaths, excluding Suicide	6	1	1			1	2	1	
Suicide	3						1	2	
Other Defined Diseases ..	72	3			1	2	4	15	47
Diseases ill-defined or unknown	3							1	2
Totals	237	40	11	2	15	6	26	47	90
Cerebro-spinal Meningitis ..	1				1				
Broncho Pneumonia	3	1			1				1

Table IV. INFANTILE MORTALITY DURING THE YEAR 1913.
Nett Deaths from stated Causes at various Ages under One Year of Age.

CAUSES OF DEATH.		Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under one year.
All Causes.	Certified } Uncertified }	14 1		6	1	21 1	5	5	4 1	3	38 2
Small-pox
Chicken-pox
Measles	1
Scarlet Fever
Whooping Cough	1
Diphtheria and Croup..
Erysipelas
Tuberculous Meningitis
Abdominal Tuberculosis
Other Tuberculous Diseases
Meningitis (<i>not Tuberculous</i>)	1
Convulsions
Laryngitis	2
Bronchitis
Pneumonia (all forms)
Diarrhoea
Enteritis
Gastritis	2
Syphilis
Rickets
Suffocation, overlying
Injury at Birth
Atelectasis
Congenital Malformations
Premature Birth
Atrophy, Debility and Marasmus
Other causes
Totals	15	..	6	1	22	5	5	5	3	40

NETT BIRTHS IN THE YEAR—Legitimate, 396; Illegitimate, 18.

NETT DEATHS IN THE YEAR—Legitimate infants, 37; Illegitimate Infants, 3.

ANNUAL REPORT

on the administration of the Factory and Workshop Act, 1901,
in connection with

FACTORIES, WORKSHOPS, WORKPLACES & HOMEWORK.

1.—INSPECTION.

Inspections made by the Sanitary Inspector.

Premises.	Number of		
	Inspecti'ns	Written Notices.	Prose-cutions.
Factories (including Factory Laundries) ..	50	7	
Workshops (including Workshop Laundries) ..			
Workplaces (other than Outworkers' premises included in Part 3 of this Report) ..	4		
Total	54	7	

2.—DEFECTS FOUND.

Particulars.	Number of Defects.	
	Found.	Remedied.
<i>Nuisances under the Public Health Acts—</i>		
Want of Cleanliness	4	4
Want of Ventilation	2	2
Overcrowding		
Want of drainage of floors		
Other nuisances	7	7
Sanitary accommodation { Insufficient		
{ Unsuitable or defective		
{ Not separate for sexes		
<i>Offences under the Factory and Workshop Acts—</i>		
Illegal occupation of underground bakehouse (s. 101) .		
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)		
Other offences (excluding offences relating to outwork which are included in Part 3 of this Report) ..		
Total	13	13

3.—HOMEWORK.

OUTWORKERS' LISTS, SECTION 107.

NATURE OF WORK.	Lists received from Employers.						Notices served on Occupiers as to keeping or sending lists.
	Sending twice in the year.			Sending once in the year.			
	Lists.	Out-workers.		Lists.	Out-workers.		
		Con-tractors	Work-men.		Con-tractors	Work-men.	
Wearing Apparel—							
Making, &c. 	18	14	41	3		4	28
Furniture and Upholstery	4		3				6
Cables and Chains 							2
Total ..	22	14	44	3		4	36

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year ..	225
--	-----

5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspector of Factories :—	
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5, 1901)	<div> <div>Notified by H.M. Inspector ..</div> <div>4</div> </div> <div> <div>Reports (of action taken) sent to H.M. Inspector ..</div> <div>..</div> </div>
Underground Bakehouses (s. 101) :—	
In use at the end of the year ..	.. .. Nil

— THE —

ANNUAL REPORT

OF THE

SANITARY INSPECTOR,

FOR THE YEAR 1913.

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

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to submit to you a report of the work done in my department during the year 1913, being my thirteenth Annual Report as your Sanitary Inspector.

Complaints.

During the year I received 141 complaints relating to various nuisances and insanitary conditions.

The average number of complaints received during the past 10 years is 129.

Inspection of District.

The number of inspections made during the year was 1218. These inspections were made as follows :—

General inspections of houses and premises	485
Inspections under the Housing (Inspection of District) Regulations	177
Slaughterhouses	191
Cowsheds and Dairies	70
Workshops	54
Bakehouses	85

Infectious Disease	...	...	...	47
Tuberculosis	...	...	...	77
Vans	...	...	...	32
Total				1218

In making these inspections 2943 sanitary defects, nuisances, or contraventions of your Bye-Laws were discovered.

There were 393 defects not remedied at the end of 1912, and these, together with the 2943 defects met with during the year 1913 make a total of 3336 insanitary conditions requiring attention.

2485 defects were remedied during the year, thus leaving 841 insanitary conditions unabated.

I made 2164 re-inspections, principally during the time the various works to remedy the defects were in progress.

The following table details the various inspections, and the re-inspections made during the past five years :—

Year.	Premises.	Houses under the Inspection of District Regulations, 1910.	Slaughter-Houses.	Work-shops.	Cow-sheds and Dairies	Bake-houses.	Infectious Diseases.	Tuber-culosis.	Vans	Re-Inspections.
1909	724		157	145	109	60	214		26	1081
1910	611	33	171	132	67	59	84		28	1232
1911	457	172	203	124	92	53	67		22	1558
1912	439	188	273	86	98	30	38	40	42	2347
1913	485	177	191	54	70	85	47	77	32	2164

The drains at 18 premises were tested with the Smoke Machine.

Notices.

187 written preliminary intimation notices were sent during the year, most of them being letters setting out in detail the defects found, and the suggested alterations or remedies. In every case after an inspection of a house the owner is written to, and, on account of the numerous defects usually found in some of the older houses, the letters are voluminous, as they are in the form of a general specification. Many of the notices referred to several houses, as only one letter or preliminary notice is sent when several houses belong to one owner.

349 houses or premises were dealt with in the 187 notices.

In many cases the person concerned is interviewed, and the nuisance or defect found is remedied without having to serve any notices.

In cases where the preliminary notices were not complied with immediately, the matters were reported to your Sanitary Committee in my Monthly Reports, and under your instructions, upon the recommendation of the Sanitary Committee, 369 Statutory Notices were served during the year. In addition to these I served 6 Notices under Section 49 of the Public Health Act, 1875. 11 Notices to demolish houses were served, and 8 Notices under Section 5 of the Infectious Diseases Prevention Act, 1890, were served, requiring the cleansing and disinfecting of houses, after being certified by your Medical Officer of Health. Thus making a total of 394 Statutory Notices.

The following list specifies the various kinds of Notices served:—

Public Health Act, 1875, Sec. 94 (Abatement of Nuisances)	73
" " Sec. 36 (Provision of W.C.'s or Ashbins)	22
" " Sec. 49 (Removal of Offensive Accumulations)	6
" " Sec. 41 (To repair drains)	10
" " 1907, Sec. 49 (To provide sinks)	19
" " Sec. 35 (Abatement of Nuisances)	5
Housing, Town Planning, etc. Act, 1909, Sec. 15 (3) (To repair houses)	8
" Sec. 17 (2) (To close dwelling houses)	148
" Sec. 17 (4) (Notices to Occupiers to quit)	32
" Sec. 17 (6) (Rescinding Closing Orders)	15
" Sec. 18 (1) (To consider demolition)	14
" Sec. 18 (2) (To demolish houses)	11
Towns' Improvement Clauses Act, 1847, Sec. 74 (To provide rain water spouting)	23
Infection Diseases Prevention Act, 1890, Sec. 5 (To cleanse and disinfect houses)	8
	<hr/>
	394

At the end of the year 259 notices had been complied with, in 37 cases the work was in progress, and there were 98 notices outstanding. 50 of the latter were in respect of houses closed by the Council at the meeting in December.

In addition to the notices, I supplied complete specifications for the repair of 27 houses and premises, upon the request of the various owners.

449 Letters were written, some being reminders that Notices had not been complied with.

Prosecutions.

There were seven prosecutions instituted during the year, and were as follows :—

	Date.	Offence.	Result.
1	11 July	For not ceasing to occupy a dwelling house which had been closed - -	Ordered to quit and to pay the costs
2	do.	Ditto do.	Ditto
3	do.	Ditto do.	Ditto
4	7 Nov.	For commencing business as a Dairyman in this district without having been registered - -	Fined £1 and costs
5	do.	For occupying a Cowshed without having given one month's notice -	Fined £1 and costs
6	do.	For occupying an insanitary Cowshed - - -	Withdrawn on payment of costs
7	do.	For exposing diseased meat for sale - -	Ordered to pay the costs

The cases taken before the Magistrates in previous years were :—

1901	1902	1903	1904	1905	1906	1907	1908
4	18	15	6	13	1	1	4
	1909	1910	1911	1912	1913		
	5	3	1	1	7		

Offensive Trades.

There are 20 Offensive trades carried on in the district, viz. :—

Fish fryers, 8 ; Hide and Skin Dealers, 3 ; Fat dealers, 1 ; Fellmongers, 1 ; Leather dressers, 1 ; and Tripe boilers, 6.

Four fish frying businesses were discontinued during the year.

It was necessary to warn one fish fryer as to the method his business was conducted. Improvements were made to the frying apparatus and greater care was exercised.

Bakehouses.

There are 23 Bakehouses on the Register, 2 having been given up during the year.

I made 85 inspections.

H.M. Inspector of Factories sent a notice respecting a dirty bakehouse. The matter complained of was remedied.

One bakehouse was found to be very dirty and defective. This was temporarily remedied in view of re-building shortly.

Dairies, Cowsheds and Milkshops.

Thirty-two persons are registered under the Dairies, Cowsheds and Milkshops Orders in this district. 19 being Cowkeepers and 13 Purveyors only.

One person was registered as a Cowkeeper but had not commenced business at the end of the year. Two persons were registered as Milksellers.

There are 28 cowsheds in the district and about 128 cows.

During the year I made 70 inspections.

The following insanitary conditions were rectified:—Want of lime-washing, 6; dirty floors cleansed, 8; ill ventilation rectified, 2.

On 7th November, a person was prosecuted for commencing business as a Cowkeeper without being registered; also for occupying a cowshed without having given one month's notice; and also for occupying an insanitary cowshed. Fines of £1 and costs were imposed in the first two cases, and the third was withdrawn upon payment of costs.

In February I called in the services of a Veterinary Surgeon to certify under Article 2 of the 1899 Order. As the cow had not been milked after my first visit, the Veterinary Surgeon considered it unnecessary to issue a certificate, and suggested that the cow should be disposed of, and this was done.

It was necessary upon several occasions to call cow-keepers attention to the filthy condition of udders, and I again beg to suggest that you will consider, with view to adoption, the revised Bye-laws, which have already been approved by your Bye-laws Committee. These Bye-laws will give more power to deal with dirty cows and dirty cowsheds.

Common Lodging Houses.

There are two old registered houses in the town, and two licensed ones. The licenses of the two latter were renewed during the year.

The returns of the number of lodgers sleeping at these houses during the year were as follows:—(The figures represent the number of times the beds were occupied, and not the individual lodgers staying at the houses; thus one person lodging at the house for seven nights is counted seven times.)

MONTH.	Adult Lodgers.		Lodgers above 10 and under 21.		Lodgers under 10 years of age.		Total.
	Males.	Females.	Males.	Females.	Males.	Females.	
January ...	1054	201	...	60	7	7	1329
February ...	940	198	7	22	13	3	1183
March ...	932	182	15	14	22	2	1167
April ...	1105	209	8	...	4	9	1335
May ...	1081	194	6	...	3	19	1303
June ...	950	168	2	3	...	31	1154
July ...	1163	217	60	18	12	13	1483
August ...	934	166	...	...	12	7	1119
September ...	890	157	3	...	8	12	1070
October ...	1216	236	...	2	10	3	1467
November ...	968	188	2	...	2	4	1164
December ...	1113	185	2	...	...	...	1300
Total ...	12346	2301	105	119	93	110	15074

The totals in previous years were :—

YEAR.	Adult Lodgers.		Lodgers above 10 and under 21.		Lodgers under 10 years of age.		Total.
	Males.	Females.	Males.	Females.	Males.	Females.	
1908	4911	1404	29	66	166	132	6708
1909	5127	1251	72	68	199	104	6821
1910	11482	1547	77	61	213	177	13557
1911	12143	1908	132	38	323	231	14775
1912	12407	2123	61	328	283	71	15273

Water Supply.

There are still a few houses in the district supplied with well water. One sample was submitted to the analyst during the year, being from the well at a factory. This was submitted on account of the occurrence of a case of enteric fever. The water was found to be unfit for drinking purposes, and tap water was laid on.

Four old wells were filled up.

The Water Board Engineer informs me of the places where the water supply has been cut off, and I furnish him with particulars respecting waste of water which I meet with.

During the year 123 houses, where hitherto the water supply was a water tap common to several houses, were each furnished with a water tap inside the house or wash-house. The total number of houses supplied with separate water taps during the past four years is 333. There are still some houses where the water supply is from one tap common to several houses, and as will be seen in the particulars of the inspections under the Housing, (Inspection of District) Regulations, in some cases there have been as many as eight houses having the joint use of only one water tap.

Infectious Diseases.

Forty-seven cases of infectious disease, 69 cases of Pulmonary Tuberculosis, and eight cases of other tuberculous diseases were notified during the year. In making enquiries relating to the cases and inspecting the premises where the patients resided, many insanitary conditions and defects were discovered and dealt with.

Thirty-three cases of infectious disease were removed to the Hospital.

Sixty-nine houses were disinfected, and about 400 articles of bedding and clothing were sent to the Hospital for disinfection.

Most of the houses where deaths had occurred from tuberculosis or cancer were disinfected, and in some instances bedding was either destroyed or disinfected. The destroyed bedding was in every instance removed and destroyed by request, no charge being made and no compensation given.

The rooms in which patients have died from pulmonary tuberculosis have the walls stripped and re-papered or whitewashed. In eight instances Notices were served upon the Owners requiring this to be done, and in two cases I had the cleansing and disinfecting carried out, and charged the respective Owners with the cost.

The cases of infectious disease are reported to the various libraries in the town. During the year about 30 books were disinfected.

Factory and Workshop Act.

At the end of 1913, there were 225 Workshops on the Register, and were as follows :—

Bag Making	1
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Baking	23
Basket Making	1
Boot Repairing	25
Botanic Beer Making	1
Brewing	8
Bucket Shears Making	...	...	...	1
Bucket Handle Making	...	...	...	1
Bucket Hoop Cutting	...	...	...	1
Cabinet Making and Upholstery	...	...	...	6
Chain Making	...	...	...	3
Carriage Building and Wheelwrights	...	...	...	3
Chamois Leather Dressing	...	...	...	1
Coopering	...	...	...	1
Cycle Repairing	...	...	...	4
Dressmaking	...	...	...	42
Frost Cog Making	...	...	...	6
Glass Engraving	...	...	...	1
Horse Shoe Making	...	...	...	2
Horse Shoeing	...	...	...	2
Hosiery	...	...	...	1
Jewellery and Watch Repairing	...	...	...	4
Joinery	...	...	...	12
Letter Cutting	...	...	...	1
Millinery	...	...	...	12
Nail Making	...	...	...	8
Plumbing, etc.	...	...	...	7
Picture Framing	...	...	...	2
Wagon Repairing	...	...	...	1
Rug Clipping Dressing	...	...	...	5
Saddlery	...	...	...	4
Smithy (General)	...	...	...	2
Sweet Boiling	...	...	...	1
Stone Masonry	...	...	...	3
Tailoring	...	...	...	25
Tin and Whitesmith	...	...	...	2
Tripe Dressing	...	...	...	1
Umbrella Making	...	...	...	1

During the year I paid 54 visits to workshops and workplaces and found the following defects :—4 want of cleanliness ; 2 defective ventilation ; 1 dangerous wall, and 6 other nuisances.

Four complaints were received from H.M. Inspector of Factories. The defects at three places were remedied, and in the other the workshop, which could not be efficiently ventilated, was given up.

Outworkers' Lists.

Twenty-five lists of outworkers were received during the year. 11 Employers sent lists twice in the year as required by Sec. 107 of the Factory and Workshop Act, and 3 Employers sent in one list only.

The 25 lists contained the names of 62 outworkers :—

- 14 Contractors and 45 Workpeople—Making, etc. of Wearing Apparel.
- 3 Workpeople—Upholstering and Furniture Making.

34 of the 62 outworkers resided outside this District, and, as required by Sec. 107 of the Factory Act, I forwarded their names and addresses to the various Local Authorities in whose district they resided.

I received from other Districts 3 lists containing the names and addresses of 6 persons residing in this district, who were outworkers for employers outside this district.

During the year I made 18 visits to outworkers' premises.

Slaughterhouses.

There are 15 Slaughterhouses in the district, 10 being subject to annual licenses. There are no registered Slaughterhouses, the remaining 5 being licensed.

An application for a license to use premises as a Slaughterhouse was refused.

During the year I made 191 inspections.

The following are names of occupiers and situation of the Slaughterhouses in the district.

Mr. William Harris	...	57 Bridgnorth Road.
Mr. G. A. Parkes	...	63 Bridgnorth Road.
Mr. George Banks	...	7 Coventry Street.
Mrs. Parkes	...	Coventry Street.
Mr. S. C. Mason	...	Coventry Street.
Mr. W. A. A. Broadway		Enville Street.
Mrs. Bird and Mr. G. North		Enville Street.
Mr. H. G. Bennett	...	Enville Street.
Mr. J. Trussell	...	Enville Street.
Mr. S. Hill	...	Hagley Road.
Mr. W. Yardley	...	Hagley Road.
Miss Hobson	...	High Street.
Mr. R. Tottey	...	High Street.
Mr. A. H. Aston	...	New Street.
Mr. T. V. Parkes	...	The Heath.

Meat Inspection.

Several lots of meat, including several livers, and quantities of fish were surrendered to me and destroyed.

On 4th October I seized about 1 cwt. of meat affected with tuberculosis, and exposed for sale. Elaborate precautions had been taken to remove all traces of the disease. The owner was subsequently prosecuted, and the magistrates dismissed the case, but ordered the defendant to pay the costs, stating that the defendant had no "guilty knowledge" that the meat was diseased.

Water Closets.

During the year 2 privies were converted into water closets, and 14 additional water closets provided. 23 new closets were erected. 3 closets were re-built. 9 slop water closets were removed and fresh water closets put in.

Your Sanitary Committee have, upon several occasions, when the repairs of houses which have been closed were under consideration, required the provision of a water closet to each house.

This decision is, in my opinion, most highly commendable, and I hope the Committee will, upon every possible occasion, insist upon every house being provided with a separate W.C.

The system obtaining in the past of permitting two or more houses to have only one W.C. for the joint use of the occupiers, is, not only an encouragement of immorality, but detrimental to the health of those whose modesty prevents them at times making use of the conveniences.

Some owners complain of the damage done to and the frequent obstruction of W.C.'s used in common. These W.C.'s are usually in a yard open to the public, and in many cases are used as public conveniences, and frequently fouled by others than the tenants. During the past year several owners of property have, upon my suggestion, removed the W.C.'s which were open to the yard, and erected a W.C. for each house, being part of a newly erected scullery, with access to it from the scullery. In these houses there is no publicity, and the conveniences being under the sole control of the occupier, there is no question of responsibility should any fouling or obstruction occur.

The following table gives the number of privies converted into water closets in each year since 1901.

YEAR.	Water Closets provided in place of Privies.	Additional W.C.'s.
1901	237	
1902	140	
1903	140	7
1904	132	5
1905	142	11
1906	60	5
1907	74	6
1908	107	4
1909	11	1
1910	2	9
1911	4	10
1912	5	11
1913	2	14
	1056	83

Ashpits.

The emptying of ashpits and removal of house refuse is now done through your Surveyor's department.

There are now 1743 houses in the district provided with portable receptacles for house refuse, which are cleared weekly.

During the year 192 additional houses were supplied with ashbins.

Housing, Town Planning, &c., Act, 1909.

Housing (Inspection of District) Regulations, 1910.

In carrying out the survey of houses in the district under the Housing (Inspection of District) Regulations, 1910, I inspected 177 houses as follows:—

Angel Street	...	...	12	Albert Street	...	...	2
Bagley Street	...	...	2	Birmingham Street	...	...	10
Bridgnorth Road	...	...	14	Church Street	...	...	13
Court Street	...	...	5	Enville Street	...	...	17
Farlands Road	...	...	1	Field Lane	...	...	2
Gladstone Road	...	...	1	Hadcroft	...	...	3
Green Street	...	...	1	Heath Lane	...	...	3
Hagley Road	...	...	3	High Street, Wollaston	...	...	4
Heath Street	...	...	8	Laburnum Street	...	...	2

Hill Street	...	...	9	Mount Street	...	...	3
Mill Street	...	...	4	Parkfield	...	...	4
New Street	...	...	1	Queen Street	...	...	6
Park Street	...	...	2	Summer Street...	...	...	15
Red Hill	...	...	6	Vicarage Road	...	...	10
Union Passage	...	...	2	Wollaston Road	...	...	1
Worcester Street	...	...	11				

Thirty-four of the houses had one ground floor room (living room), 131 had two ground floor rooms, 11 had three rooms and one had four rooms.

The bedrooms at these houses were:—one bedroom at 10 houses, two at 146 houses, three at 18 houses, and one each with four, five and six bedrooms respectively.

Four of the houses had cellars and pantries, 112 had cellars, 49 had pantries, and 12 had neither a pantry or cellar.

Four of the houses were back-to-back, 11 had no through ventilation, and three others had no back doors.

Forty-four of the houses were supplied with a separate water tap; at 22 houses there was one water tap for two houses; at 48 houses one tap for three houses; at 20 houses one tap for four houses; at 25 houses one tap for five houses; at 8 houses there was only one tap for these 8 houses; and in another instance 10 houses shared three water taps.

The closet accommodation was as follows:—

Number of Houses with separate W.C. accommodation	...	35
" " with one W.C. for two houses	...	68
" " with one W.C. for three houses	...	36
" " with three W.C.'s for eight houses	...	1
(other houses inspected in 1912.)		
" " with three W.C.'s for five houses	...	5
" " with two W.C.'s for three houses	...	9
" " with four W.C.'s for ten houses	...	10
" " with two W.C.'s for five houses	...	10
" " with Privies	...	2
" " without Closet accommodation	...	1

Lists were prepared, under the direction of your Medical Officer of houses which were required to be inspected. In addition to these, I usually visit the houses where cases of Tuberculosis and Infectious Disease occur, and inspect the other houses in the immediate vicinity.

After inspection I wrote to the owners of the various houses detailing the defects and suggested remedies. In cases where the repairs are not commenced at once, or where the defects are so extensive as to render the house unfit for habitation, the matters

are reported to your Sanitary Sub-Committee, and to the Medical Officer. In every case where a Closing Order is made the premises have been inspected by the Sanitary Sub-Committee and the Medical Officer. During the year you made Closing Orders in respect of the following 64 houses :—

Date of Council Meeting.	Situation of Dwelling House.	Remarks.
February 24	7 Angel Street	Repaired.
	8 Angel Street	do.
	9 Angel Street	do.
	10 Angel Street	do.
	11 Angel Street	do.
	1 in Court No. 9 Angel Street	do.
	2 in Court No. 9 Angel Street	do.
	3 in Court No. 9 Angel Street	Converted into washhouse
	4 in Court No. 9 Angel Street	do.
	5 in Court No. 9 Angel Street	do.
	6 in Court No. 9 Angel Street	Repaired.
March 31	27 Field Terrace, Field Lane	do.
	28 Field Terrace, Field Lane	Repaired. Nos. 28 and 33 converted into one house
	29 Field Terrace, Field Lane	Repaired. Nos. 29 and 34 converted into one house
	30 Field Terrace, Field Lane	Repaired. Nos. 30 and 35 converted into one house
	31 Field Terrace, Field Lane	Repaired.
	32 Field Terrace, Field Lane	do.
	33 Field Terrace, Field Lane	Taken in with No. 28.
	34 Field Terrace, Field Lane	Taken in with No. 29.
	35 Field Terrace, Field Lane	Taken in with No. 30.
	36 Field Terrace, Field Lane	Repaired.
May 26	16 Farlands Road	do.
	20 New Street	Question of demolition been considered and adjourned
	110 Hagley Road	do.

Date of Council Meeting.	Situation of Dwelling House.	Remarks.
June 30	22 Angel Street	Question of demolition been considered and adjourned
September 29	9 Court Street	Question of demolition to be considered Feb. 1914.
	10 Court Street	do.
	11 Court Street	do.
October 27	8 Corser Street	Undergoing repair
	13 Queen Street	May be demolished
	14 Queen Street	do.
	15 Queen Street	do.
	16 Queen Street	Undergoing repair
	17 Queen Street	do.
	18 Queen Street	do.
	1 Heath Street	do.
	2 Heath Street	do.
November 24	2 in Court No. 10, Angel Street	Closed.
	3 in Court No. 10, Angel Street	do.
	4 in Court No. 10, Angel Street	do.
December 29	Woodbine Cottages, Greyhound Lane, Norton	Closing order not operative at end of year
	Woodbine Cottages, Greyhound Lane, Norton	do.
	80 Bridgnorth Road	do.
	81 Bridgnorth Road	do.
	82 Bridgnorth Road	do.
	83 Bridgnorth Road	do.
	104 Hagley Road	do.
	106 Hagley Road	do.
	108 Hagley Road	do.
	47 Hadcroft	do.
	48 Hadcroft	do.
	49 Hadcroft	do.
	18 Heath Lane	do.
	20 Heath Lane	do.
	10 Vicarage Road	do.
	11 Vicarage Road	do.
	12 Vicarage Road	do.
	13 Vicarage Road	do.
	14 Vicarage Road	do.
	15 Vicarage Road	do.
	16 Vicarage Road	do.
	17 Vicarage Road	do.
	62 Birmingham Street	do.
	64 Birmingham Street	do.
	66 Birmingham Street	do.

The following table gives details of the houses closed under the Housing, Town Planning, &c., Act, 1909.

YEAR.	Number of Houses in respect of which Closing Orders were made.	Repaired and Inhabited	Demolished.		Number of Houses less on account of conversion of back-to-back houses into through houses	Undergoing Repair.	Uninhabited, not undergoing Repair at end of 1913	Under Demolition Notices.	Closing Orders not operative.	Total.	Remarks.
			By Council	By Owner							
1909	9	4	..	4	1	..	..	..	..	9	
1910	38	17	4	13	3	..	1	..	..	38	The uninhabited house will only be used as a workplace.
1911	16	7	..	7	2	..	..	..	..	16	
1912	47	18	..	10	3	15	..	1	..	47	The 15 houses undergoing repair will probably be re-opened
1913	65	16	..	3	3	9	5	6	23	65	
Total	175	62	4	37	12	24	6	7	23	175	

Notices under Section 15 were served as follows. Under this Section notices are served in respect of houses under £16 rental which have been let since 3rd December, 1909, requiring specified work to be done. If the notices are not complied with the Council may have the work done and recover the cost from the Landlord.

Situation of House.	Remarks.
8 Corser Street	Closing Order subsequently made.
50 Church Street	Repaired by Landlord.
51 Church Street	" "
52 Church Street	" "
14 Angel Street	Notice served 9th Dec., 1913.
18 Angel Street	" " "

The following houses were thoroughly repaired and made fit for human habitation after preliminary intimation notices had been sent to the owners calling their attention to the defects. In some instances the intimation was verbal. It was not necessary to make any report to the Sanitary Committee respecting these.

Nos. 12, 13, and No. 1 in Court No. 10 Angel Street.
 Nos. 13, 14, 15, 16, 17 and 24 Bagley Street.
 Nos. 10, 30, 32, 34, 36 and 38 Birmingham Street.
 Nos. 35, 36, 37, 38, 39 and 40, Bowling Green Road.
 Nos. 1, 2, 3 and 4 and Nos. 123 and 124 Bridgnorth Road.
 Nos. 1, 2, 3, 4, 5, 6, 7, 8 and 9 Copenhagen Row.
 No. 36 Church Street.
 Nos. 159, 160, 161 and 162 Enville Street.
 Nos. 5, 6, 7, 8, 9, 10, 11, 12, 37 and 37A Field Lane.
 No. 111 Hagley Road.
 No. 27 High Street, Wollaston.
 Nos. 4, 5, 6 and 7, Heath Street.
 Nos. 16, 17 and 18, Hill Street.
 Nos. 1, 2, 3 and 4 Parkfield.
 Nos. 1, 2, 3, 4, 7 and 8 Red Hill.
 Nos. 33, 34, 35 and 36, Summer Street.
 Nos. 38 and 39 Vicarage Road.
 No. 17 Yardley Street.

The following were thoroughly repaired after notices under Section 94 of the Public Health Act, 1875, had been served upon the owners :—

Nos. 51, 52 Brook Street.
 Nos. 13, 14 Court Street.
 Nos. 13, 14, 15, 16, 17, 18, 19 Firmstone Street.
 No. 13 Green Street.
 Nos. 1, 2, Laburnum Street.
 Nos. 24, 25 and 26, Market Street.
 Nos. 18, 19, 20, 21 Park Street.

At the end of the year most of the houses which were under Closing Orders had either been repaired or were undergoing repair. During the year you rescinded the Closing Orders relating to the following 18 houses :—

Date of Council Meeting.	Situation of Dwelling House.	Remarks.	Date of Closing Order.
March 31st	64 High Street, Wollaston.	Four back to-back houses converted into two through houses	25th Nov., 1912
"	65 " " "		" "
"	8 Summer Street		30th Dec., 1912
"	9 " "		" "
"	10 " "	Two back-to-back houses converted into one through house	" "
June 30th	Back No. 15 Hagley Road		29th July, 1912
July 28th	Near Greyhound Inn, Norton		25th Nov., 1912
Sep. 29th	7 Angel Street		24th Feb., 1913
"	8 " "	Six back-to-back houses converted into three through houses	" "
"	9 " "		" "
"	16 Farlands Road		31st Mar., 1913
"	27 Field Terrace, Field Lane		" "
"	28 " " "		" "
"	29 " " "		" "
"	30 " " "		" "
"	31 " " "		" "
"	32 " " "		" "
"	36 " " "		" "

During the year the following houses were demolished, a Closing Order having been made in respect of each :—

Situation of House.	Remarks.
Nos. 33, 34 Angel Street ...	Demolished by Owner after Demolition Order made.
Nos. 2 and 3 Court No. 7, Birmingham Street ...	Ditto do. do.
Nos. 1, 2, 3, 4 and 5 Court No. 12, Hagley Road ...	Demolished by Owner.

On 15th July, 1913, your Sanitary Committee decided to consider the question of the demolition of No. 56 Green Street, at their meeting on 16th September, 1913. On the latter date the Owner attended before the Committee and promised to carry out the repairs forthwith, and the further consideration was adjourned until the Committee meeting on 14th October, 1913. On the latter date, on account of the work not having been done, the Committee recommended the Council to order the demolition of the house, and the Council, at their meeting on 27th October, 1913, made a demolition order.

The Owner subsequently appealed to the Local Government Board, and upon the request of the Board to be furnished with particulars of the case, I wrote out a complete and detailed report of the results of inspections, and gave a summary of the voluminous correspondence which had arisen. The Owner subsequently withdrew the appeal. At the end of the year the work had not been completed.

Several Owners of property asked me to supply detailed specifications of the repairs necessary at their houses, and during the year I supplied specifications for repairs at the following premises :—

64, 65, 64A and 65A High Street, Wollaston.

33, 34, 35, 36, 43 and 44 Summer Street.

35, 36, 37, 38, 39, 40 Bowling Green Road.

15 Gladstone Road.

97 Bridgnorth Road.

37, 37A Field Lane.

56 Worcester Street (drain).

58, 59, 60, High Street (drain).

46, 48 Brook Street.

Mr. Hart's houses, near Greyhound Inn, Norton.

Back 15 Hagley Road.

3, 4, 5, 6, 7, 8, Bagley Street.

During the year one washhouse serving three houses was removed, and the kitchens at these houses furnished with washing boilers and sinks.

At eight houses there was only one washhouse, this being the only accommodation for personal and domestic use. Four of the houses were converted into washhouses, and now each house has a washhouse.

Twelve washhouses serving 22 houses were taken down and a scullery erected at each house.

A common custom in the past, and which, I regret to say, still prevails to some extent, was for the washhouse to be erected some distance from the house, and the washhouse is usually placed so as to obstruct the light and view of the back living room, which is the one mostly used. As the sink and the water tap are in the washhouse it necessitates going outside and crossing the yard at all times for water, and also for the purpose of washing domestic utensils. In many cases where each house has its own washhouse, the yard is often common to several houses, so that no privacy is possible. In severe weather the frequent exposure involved through leaving a warm living room and going across a yard to a cold washhouse must detrimentally affect the health of those living in these houses, besides the continual opening of the living room door, which is to the open air, so lowering the temperature of the room in inclement weather, that in order to maintain some degree of comfort, more coal is burnt than may otherwise be necessary. The occupiers of smaller houses invariably do their personal washing at the sink, and in using the sink in the washhouse, placed in a common yard and in view of all the neighbours, their sense of personal decency must be often offended.

The provision of sculleries at 22 houses, in place of washhouses, is a step, in my opinion, towards preserving a feeling of decency, and an encouragement in the personal and domestic cleanliness of some of the dwellers of these classes of houses, and I look forward to the time when the provision of a private scullery, joined up to the house, will be regarded as an absolute necessity, and the detached washhouses be considered an intolerable evil.

At 68 houses, where there was only one washhouse for two or more houses, a sink and water tap has been placed inside each house.

General Summary of Sanitary Work carried out and Insanitary Conditions remedied.

Dwelling-houses.

Areas at rear of houses provided	5
Baking ovens removed	24
Back to back houses made into through houses	12
Bedrooms, additional erected ..	4
Bedrooms, floors repaired ..	81
Skirting boards removed ..	12
Buildings, dangerous removed ..	14
Closed as unfit for habitation ..	64
Cleansed, whitewashed and repapered	144
Chimneys erected	3
Chimneys repaired	32
Ceilings, plaster renewed or repaired	46
Ceilings relathed	39
Cellar lights, new iron gratings provided	66
Cellars lighted	2
" cleaned out	46
" limewashed	98
" drained	3
" filled up	3
" paved	32
" ventilated	9
Demolished	11
Damp proof courses put in ..	63
Door sills, new put in ..	25
Doors, new provided	51
" repaired	64
" weather boards provided ..	39
Doorways bricked up	2
Floors, angle filleting provided ..	26
" repaved or repaired ..	158
" relaid on concrete ..	4
Firegrates renewed	32
Firegrates repaired	27
Houses converted into sculleries ..	3
Pantries, ventilated	20
" windows put in	33
" filled up to ground level and paved	17
" repaved	6
" erected	2
" whitewashed	42
Rain water cisterns cleansed and repaired	5
" pumps provided	5
" cisterns, filled up	2
Roofs, repaired	58
" renewed	9
Repaired and made fit for habita- tion	120
Sculleries, new erected	22
" paved	4
Stairs, repaired	30
" renewed	7
" handrails provided ..	109
Soil against houses removed ..	7
Steps repaired	11

Verandahs repaired	10
Washhouses, repaired	42
" whitewashed	38
" supplied with tap water ..	13
" taken down	15
" re-built	1
" floors repaired or renewed	14
Walls, external re-built	5
" pointed	16
" cemented or tarred	19
" dangerous repaired	8
" matchboarding removed ..	6
" plaster renewed	67
" new erected	5
Yards, paved	132
" paving repaired	44
" re-laid	16
" paved approaches to out- buildings	36
Windows made to open	244
" new additional put in ..	131
" repaired or renewed ..	50
" larger put in	37

Sinks.

Brick sinks repaired	6
" removed	55
New earthenware sinks put in washhouses	26
New earthenware sinks put in houses	113
Sink waste pipes put in	148
Sink waste pipes disconnected from drain	4

Water Supply.

Old wells filled up	4
Water taps put inside houses ..	110
Water taps position removed ..	31
Wells closed	1
Water taps renewed or repaired ..	3
Factory supplied with tap water ..	1

Drains.

Relaid	25
Reconstructed	22
New chambers put in	8
Ventilated	3
New put in	11
Gullies removed	9
Obstructions removed	30
Additional gullies put in	71
Sealed up	2
Bell traps removed	6
Chamber covers renewed	2
Syphons, new put in	2

Ashpits.							
Removed	47			Flushing apparatus provided ..	8		
Filled up and paved ..	3			" " repaired ..	33		
Roofs repaired ..	8			Fresh water closets provided in place of Slop W.C.'s..	9		
House ashbins provided ..	71			Soil pipes extended ..	3		
Rain Water Spouting.				Obstructed cleansed ..	32		
New spouting at front of premises	50			Privies converted into W.C.'s ..	2		
" " rear "	53			W.C. floors paved ..	18		
Spouting repaired at front ..	48			Soil pipes repaired..	3		
" " rear ..	62			Roofs repaired ..	38		
New spouting on washhouses ..	14			W.C.'s removed ..	16		
New box gutters on footpaths ..	3			Other Matters.			
Downpipes, lengthened, renewed or repaired ..	93			Accumulations of refuse removed	17		
Downpipes, reconstructed ..	52			Overcrowding nuisances abated..	5		
Water Closets.				Pigstyes drained ..	2		
New erected ..	23			Pig keeping nuisances abated ..	3		
Re-built ..	3			Fowl keeping nuisances abated ..	2		
Additional provided ..	14			Catch pits filled up ..	1		
New basins provided for ..	6			Vans removed ..	8		
				Manure pits erected ..	1		
				" " repaired ..	1		
				Urinals reconstructed ..	1		

Drain Defects.

The drains at 18 premises were tested with smoke during the year. In most cases it was found necessary to have the drains reconstructed.

The drain rods and plunges were lent out upon 118 occasions, in many cases to the occupiers of premises to enable them to remove obstructions in the drains at their houses.

Petroleum Licenses.

Fourteen licenses were issued during the year. Ten to store petroleum and carbide of calcium, and four to store petroleum only.

I have the honour to be,

Mr. Chairman and Gentlemen,

Your obedient servant,

ARTHUR KENT,

Inspector of Nuisances.