#### [Report 1898] / Medical Officer of Health, Kidderminster Borough.

#### **Contributors**

Kidderminster (England). Borough Council.

#### **Publication/Creation**

1898

#### **Persistent URL**

https://wellcomecollection.org/works/fmte7qq7

#### License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.





BOROUGH OF KIDDERMINSTER.

00

# REPORTS

ON THE

Health of the Borough

BY THE

# MEDICAL OFFICER OF HEALTH

AND

SANITARY INSPECTOR.

6x 1898. Ko

KIDDERMINSTER:

PRINTED BY THOMAS BROOKE, PITT'S LANE.

# HEALTH COMMITTEE

(KIDDERMINSTER CORPORATION).

- '

#### Chairman:

COUNCILLOR T. PENSOTTI.

#### The Mayor:

ALDERMAN E. PARRY.

ALDERMAN J. KILLINGBECK. COUNCILLOR J. RAY.

COUNCILLOR A. COCHRANE.

J. ROBINSON.

, M. COLE.

E. W. TALBOT.

J. GARLICK.

" G. A. WESTON.

T. GRIFFIN.

" R. S. WILSON.

F. PERKS.

#### Medical Officer of Health:

DAVID CORBET.

## Public Analyst:

E. W. T. JONES, F.I.C.

## Sanitary Inspector:

J. T. COWDEROY, C.S.I.

#### Clerk:

C. M. ROBINSON.

# → Annual Report

For the Year 1898.

00

#### TOWN HALL,

JANUARY 24TH, 1899.

GENTLEMEN,

The returns of Deaths (Form A) and of new cases of Deaths. infectious sickness (Form B) I herewith hand you duly completed.

During the year there have been 568 Births, or 22.72 in the Births. thousand. Males 288. Females 280.

Below I have tabulated the Birth and Death Rates for the years 1889 to 1898 inclusive, which method I hope is easy for the purpose of comparison.

The total number of Deaths from all causes, diseases, and Mortality. ages, which have been registered, is 394. The number in each sex being 198 males and 196 females.

64 Deaths have occurred in the Workhouse.

24 ,, ,, Infirmary.

There have been 18 Inquests held during the year.

Inquests.

The ages at which the Deaths have taken place during the year, are as follows:—

Under	1 ye	ar				 89
Betwee	en 1	and	5	years		 20
"	5	,,	15	,,		 17
,,	15	,,	25	11		 17
,,	25	,,	65	,,		 121
,,	65	and	up	wards		 130

The Death Rate per thousand for the year is 15.76

Note: —Excluding Deaths of persons in Public Institutions from other localities, the Death Rate would be 14.80

Compared with the last nine years the Birth and Death Rates are as follows:—

	Birth	Rate.			Death	h Rate.	
1889			26.01	1889			16.08
1890			26.09	1890			17.23
1891			25.16	1891			18.13
1892			26.96	1892			19.12
1893			26.72	1893			17.24
1894			25.64	1894			15.64
1895			25.48	1895			18.88
1896			24.56	1896			15.92
1897			24.68	1897			17.08
1898			22.72	1898			15.76

Zymotic Diseases.

The Deaths from the principal Zymotic Diseases during last year and the nine previous years have been as follows:—

DISEASES	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898
Small Pox										
Scarlet Fever	1	1		1	3	1			1	
Typhoid Fever	2	1	1	2	2	1		2	3	2
Measles	18	5	3	13	4	15	1	1	22	1
Diphtheria	2	1	12	4	5	4	2	3	2	7
Diarrhœa	24	15	15	14	24	4	11	9	6	10
Whooping Cough		6	5	15			4	2	11	1
Totals	47	29	36	49	38	25	18	17	45	21

Measles.—As this disease is not notifiable, we are unable to give the number of cases. There has only been 1 Death.

Scarlet Scarlet Fever.—Cases, 30; Deaths 0.—10 cases were removed to the Hospital. It cannot be said, during any part of the year, this disease was epidemic. The cases were mostly of a mild character.

Typhoid Fever.—Cases, 12; Deaths, 2.—No specific cause was found for the outbreak of any of these cases; in every instance the Sanitary surroundings were good.

Extract from Monthly Report of November 29th, 1898:-

"At a meeting of the Kidderminster Medical Society, held on October 14th, 1898, which consists of about 27 Members, 14 of whom were present, I was unanimously requested to ask your Committee if you could not see your way for the admission and treatment of Typhoid Fever at the Borough Hospital. I must say my own opinion is, Typhoid Fever should be treated in the Hospital, and so a great danger avoided. We have an empty pavilion that could at once be used."

The Health Committee endorsed this view, and the matter was brought before the Town Council, when it was decided that in future cases of Typhoid should be admitted into the Hospital for treatment.

Diphtheria.—Cases, 50; Deaths, 7.—Fifty seems a large Diphtheria. number of cases of this disease to occur in one year. Each case has been visited, thoroughly inquired into, and all Sanitary surroundings minutely inspected, but the information we have gained has been but of slight service in assisting us to trace the origin of this disease. Many of the cases have been of the mildest description, never confined to their bed or bedroom, and when I have visited them, sitting in the house, to all appearance well. At the same time I think it right that these mild cases should be reported, as it has the effect of making the parents much more cautious than they otherwise would be. Of the seven deaths two occurred in one house

Mumps.—During the month of June there was an outbreak Mumps. of Mumps, more especially connected with Lea Street Infant School. All necessary steps were taken to keep the children away from school while there was any fear of infection.

After careful consideration I have advised the following periods of time to apply to children attending school from infected houses, viz. :-

and two in another, and were of a very virulent type.

Scarlet Fever.—Children suffering, seven weeks; children exposed to infection, seven weeks if case is not removed, if removed, one week.

Measles.—Children suffering, seven weeks; children exposed, seven weeks.

DIPHTHERIA.—Children suffering and exposed, six weeks.

WHOOPING COUGH.—Children suffering and exposed, eight weeks.

Hospital.—During the year I have received and treated in the Borough Hospital 26 cases of Scarlet Fever, 9 of which belonged to the Borough, 1 to the Rural District Council, 1 from the Infirmary, 12 from the Stourport Urban District Council, 1 from the Martley Rural District Council, and 2 Private Foreign cases. No deaths.

The Staff varies according to the number of Patients. On December 31st it consisted of the following:—Medical Superintendent, Matron, two Probationers, one Cook, one Gardener. There were three Patients in on December 31st.

I am still dissatisfied with the administrative accommodation provided at the Hospital, and steps for its improvement are urgently needed.

Slaughterhouses, &c.

The Slaughterhouses, Bakehouses, Lodginghouses, Workshops, Milkshops, and Cowsheds have been regularly inspected, and on the whole found clean, with the exception of some of the Bakehouses, and the necessary notices have been served upon those defaulting and complied with.

New By-Laws.—I would repeat what I said last year in reference to the New By-Laws relating to Cowsheds. I hope they will be strictly enforced. It is unfortunate that however perfect our sheds may be, there is still a danger so long as milch cows are not regularly examined by a qualified Veterinary Surgeon.

Court Sweeping.—The Court Sweeping is still being carried out satisfactory. This work is most valuable in contributing to the Sanitary state of the Borough.

Privies and Middens.—The number of these has been further diminished during the year.

Household Refuse.—The bulk of this is still being conveyed by boat to Oldington Farm, and under present circumstances appears the most satisfactory way of disposing of it.

Water Supply.—The boring of the New Artesian Well in the New Road is progressing satisfactory.

Sewers.—Constant attention to the cleansing and flushing of the sewers has been given during the year. Very few complaints have been received of smells from the sewers. The most persistent one in the Bull Ring appears to have been remedied by a shaft being connected with one of the Factory Chimneys. The Housing of the Working Classes Act, 1890.—The accom- Working panying table will show our work under this Act:—

HOUSES DEALT WITH.

YEAR.	Houses made habitable.	Houses pulled down.	Houses still remaining closed.
1891	15	6	
1892	5	2	5
1893	11	4	2
1894	2		2
1895	7		8
1896	8		4
1897			3
1898	10		3
Totals	58	12	27

I have certified 152 houses that required Cleansing and Dirty Houses. Whitewashing, as per Section 46 of the Public Health Act, 1875.

Allow me again at the end of another year, to thank the Chairman and Members of the Health Committee for the support they have given me in the carrying out of my duties. I am pleased to say that all things have worked smoothly.

I am, Gentlemen,

Your obedient Servant,

DAVID CORBET,

Medical Officer of Health.

To the Chairman of the Health Committee— Mr. Councillor T. Pensotti.

TABLE A.

TABLE OF DEATHS

During the Year 1898, classified according to Diseases, Ages, and Localities.

	21		.sartoT	104	200	C4	64	00	21	100	285
	20		All other Diseases.	73	113	0.1	47	00	13	78	173
	19		Injured.	T	: 10		:		:00		:00
	18		Heart Disease.	İ	56				. 4		
Children	17		Pneumonia and Pleurisy	15	27		13		-	15	41
	16		Phthisis, Bronchitis,	1			: 01		:		
hs of			Fever,	1	: 01	-	:		:		: 01
Deat	15		Dysentery.	1	:	-	:		:	-	:
ished Age.	14	p	Cough.	100	: 03	-	:		:	00	: 64
iguisl of A	13		BuiqoodW	-	:		:	-	:	-	:
, distin	15		Measles.	-	:		:		:	-	:
	11		Erysipelas.		-	0	:				-
ined causes	10		Cholera.		:		:		:		:
ined	6		Puerperal.		:		:		:		:
ofqns	00		Relapsing.		:		:		:		:
шо	-1	Fevers	Continued.		:		:		:		:
ty fr	9	Fe	Enteric or Typhoid.	İ	: 03		:		:		:01
Mortality from	50		Typhus.	1	:		:		:		:
Mo	4		Group.	00	:		:		:	00	:
	00		Diphtheria. Membraneous	00	. 4		:		:	60	. 4
	01		Scarlatina.		:		:		:		:
	1		Small Pox.	-	:		:		:		:
				3r 5		3r 5	ds.	2 2	ds.	r 5	· · · · · · · · · · · · · · · · · · ·
				Under 5	5 upwds.	Under 5	spwdn g	Under 5	5 upwds	Under 5	5 upwds
	1 .	spa	awqu bna 33	-	855	-	.04	, a		-	130
es at	-	-	25 and unde		87		7	0 1	01	4	
Caus ges.	-		opun pus gī	1	14	0	0	-	>		17 121
lity from all Cau Subjoined Ages.	-		g sug nuger	1	14	-	>	0	0		17
y fro bjoin			abnu bna I		17	-	-	C	q		02
Mortality from all Causes at Subjoined Ages.	1		Under 1 Ye		87	-	-	-	4		8
Mor			At all Age	_	304	90	00	70	# 7		394
			1 11 71		:		:		:		:
										8	
					Вовотан	Total Canada	WORKHOUSE	2017	INFIRMARY		TOTALS
				-	Boi	M	***	Term	TNE		

TABLE B.

TABLE of POPULATION, BIRTHS, and of NEW CASES of INFECTIOUS SICKNESS.

2 13					: 1	:	:		
03		_					:		
12									
11	-		Erysipelas.	:	:				
10	Ī		Cholera.	: .		:			
6	Ì	I	Puerperal.		:	:	- :		
8	ĺ		Relapsing.			:	:		
-	1	vers.	Continued.			:			
9	1	Fe	Typhoid.			:			
10	1		Typhus.						
4	1	Q	Croup.		:				
60	1	-	Diphtheria.		:				
62	t		Scarlatina.	H :00	:		1 :6		
1	t		Small Pox.						
13	T					:			
-	1								
-	1		Erysipelas.	64 : 65	1	1	63 : 63		
-	1		Cholera.	:					
-					:				
00		Relapsing.							
-		vers.	Continued.	: .	:				
9		Fe	E. T. W.	:01			01		
10			Typhus.			:			
4	1		Membraneous Croup.	C4 :	:		03		
00	,		Diphtheria.	8 :: 17			00 : 63		
	1		Scarlatina.	8 :17	:	-	S : 63		
-			Small Pox.	1	. :	:	1		
	Amod	Aged	or over 5.	Under 5 5 upwds.	Under 5 5 upwds.	Under 5	Under 5		
sqı	ais								
				25,000					
20 110		.1	Census 189						
					Workhouse		TOTALS		
	1 9 8 4 5 6 7 8 9 10 11 12 13 1 2 3 4 5 6 7 8 9 10	1 2 8 4 5 6 7 8 9 10 11 12 13 1 2 8 4 5 6 7 8 9 10	Aged 1 2 3 4 5 6 7 8 9 10 11 12 13 1 2 3 4 5 6 7 8 9 10 1	Searlatina.  Begistered Births  Searlatina.  Membraneous  Croup.  Cholera.  Belapsing.  Croup.  Croup.  Croup.  Croup.  Belapsing.  Croup.  Croup.  Croup.  Croup.  Briteric or  Croup.  Croup.  Croup.  Croup.  Briteric or  Croup.  Crop	middle of 1898.  The property of the polytheria.  The property of	Sage of Census 1891.  25.	Typhold:  Typhol		

#### MONTHLY RETURN OF BIRTHS AND DEATHS

for the Borough of Kidderminster, as presented to the Health Committee at each Meeting held every fourth Tuesday.

		BII	RTH	З.		DEATHS.						
Mon endi		Males.	Females.	Total.	Rate per 1,000 of thePopu- lation		Month ending.		Females.	Total.	Rate per 1,000 of the Popu- lation	
189	8					189	8					
Jan	25	23	20	43	22.36	Jan	23	20	16	36	18.72	
Feb	22	25	29	54	28.08	Feb	22	12	12	24	12.48	
Mar	22	25	22	47	24.44	Mar	22	25	16	41	21.32	
April	19	25	22	47	24.44	April	19	15	15	30	15.60	
May	17	17	26	43	22.36	May	17	10	10	20	10.40	
June	14	26	18	44	22.88	June	14	10	13	23	11.96	
July	12	22	26	48	24.96	July	12	6	15	21	10.92	
Aug	9	26	20	46	23.92	Aug	9	19	8	27	14.04	
Sept	6	21	17	38	19.76	Sept	6	26	16	42	21.84	
Oct	4	15	18	33	17.16	Oct	4	15	26	41	21.32	
Oct	31	13	26	39	20.28	Oct	31	15	12	27	14.04	
Nov	29	27	17	44	22.88	Nov	29	11	11	22	11.44	
*Dec	20	15	15	30	15.60	*Dec	20	18	14	32	16.64	
Tota	ls	280	276	556	22.24	Tota	ls	202	184	386	15.44	

Note.—The above include all Deaths at the Workhouse and the Infirmary.

<sup>\*</sup> Only 3 weeks' Report.

# MORTALITY.

Comparative Table of Towns in England and Wales.

		189	97.	189	98.
NAME OF TOWN.		Deaths per 1,000.	Principal Zymotic Diseases	Deaths per 1,000	Principa Zymotic Diseases.
	8		1.00		
Ashton Manor		17.50	4.20		
Birkenhead		18.26	2.45		
Birmingham		21.59	3.88		
Blackburn		19.50	3.45		
Bolton		21.97	4.02		
Bradford		17.45	2.22		
Brighton		15.06	1.64		
Bristol		17.20	1.83		
Cardiff		14.94	2.19		
Coventry		17.60	2.25		
Derby		16.03	1.92		
Dudley		20.70	2.29		
Halifax		16.48	1.39		
Huddersfield		16.40	1.50		1
Hull		18.56	3.25		
Kidderminster		17.08	1.80	15.76	0.84
Leeds		19.88	2.80		
Leicester		17.66	3.13		
T '		24.37	3.83		
T 1		18.19	2.58		
3.5 1		23.10	3.81		
Newcastle-on-Tyne		19.09	2.09		
		18.77	2.21		
Norwich		18.78	2.81	1	
Nottingham	***	19.18	2.61		
Oldham		10.04	2.17		
Plymouth		16.21	2.53		
Portsmouth		04.96	5.63		
Preston		00.01	5.50		
Salford		01.00	3.49		1
Sheffield		17.40	2.52		100
Smethwick		10.70	2.56		
Sunderland		00.40	The second section of the second section is		
Walsall			3.79		
West Bromwich			3.41		
Wolverhampton		22.05	4.22		
Worcester		19.90	3.01		

INFECTIOUS DISEASES.

MONTHLY NOTIFICATIONS.

Total	1892	:	:	71	6	48	75	:	22	:	225
Total	1893	13	:	33	:	46	206	:	6	63	309
Total	1894	9	:	26	5	61	318	:	œ	:	424
Total	1895	1	:	25	4	47	140	:	4	67	223
Total	1896	:	:	62	7	74	92	:	18	1	271
Total	1897	:	:	28	ಣ	37	39	:	12	1	120
Total	1898	:	:	50	67	45	30	-:	10	:	137
200	Dec	:	:	64	:	62	C2	:	:	:	9
N	TNON	:	:	9	1	5	П	:	1	:	14
100	15Oct	:	:	9	:	6	5	:	C7	:	22
O Thomas South	ndac	:	:	7	:	က	5	:	1	1	16
		:	:	8	:	5	C2	:	C2	:	17
1.1.	oan red mar Apr may oun our	:	:	7	:	4	80	:	22	:	21
-	une	:	:	က	:	C2	1	:	:	:	9
Moss	may	:	:	1	1	5	22	:	:	:	6
Am	apr	:	:	1	:	C2	:	:	:	:	ಣ
Mos.	Mar	:	:	62	:	က	C2	:	Н	:	00
40	rep	:	:	က	:	C4	62	:	1	:	00
5	o an	:	:	4	:	ಣ	:	:	0	:	-
		:	:	:	Jroup	:	:	:	:	:	:
1000	1090	Small Pox	Cholera	Diphtheria	Membraneous Croup	Erysipelas	Scarlet Fever	Typhus Fever	Typhoid Fever	Purperal Fever	Totals

# SANITARY INSPECTOR'S REPORT, 1898.



# Sanitary Inspector's Annual Report

FOR THE YEAR 1898.

00

Bakehouses.
Number under Inspection 54
These have been regularly inspected and lime-washed twice during the year.
There are no underground Bakehouses in the Borough, and in nearly every instance they are all well located for light and air.
Dairies, Cow Sheds, and Milk Shops' Orders
of 1885 and 1886.
Number of persons registered for the sale of milk 49 ,, ,, as cow keepers 14
These premises have been regularly inspected, and on the whole found clean.
Slaughterhouses.
Number of applications for registration 1 Slaughterhouses now on register 25
Annual Licenses have been issued in 8 instances, as required by the Public Health Act Amendment Act.
The Slaughterhouses have been constantly visited. Lime- washing and the removal of offal and manure have been regularly attended to.
Common Lodging Houses.
Number under inspection 55  Number of Lodgers which can be accommodated 156

During the year the houses have been well conducted and kept clean.

# Factory and Workshops Act.

Workshops under inspection :-

Millinery and Dre	ssmaking	42	Stone Masons			3
Tailors		18	Embroidery and	d Fancy	Work	2
Boot Makers		28	Saddlers			4
Designers		12				1
Carpenters and B	uilders	12	Iron Workers			3
Hand-Looms		8	Pump Makers			2
Sugar Boilers		6	Basket Makers			3
Tinsmiths		5	Shoddy Shed			1
Wheelwrights		5	Fellmongers			2
Upholsterers		4	Cooper			1
Coachbuilders		3	Taxidermist			1
Marine Stores		4	Coffin Maker			1
Cabinet Makers		5	Cider Factory			1
Laundries		4	Picture Frame	Maker		1
Cycle Makers		3				

## Disinfection.

Disinfection has been carried out as usual in all cases of infectious disease, and the infected houses cleansed.

# Report of the Inspector of Canal Boats.

	Keport of the	ic mopooe	0. 0. 0			
Number	of boats inspec	ted				257
	conforming to	Acts and Re	gulations			241
,,	of boats with o	ne or more	infringemen	its		4
	of infringements	3—				354
71.00	Registration					0
	Notification of	change of n	naster			0
	Absence of cer					7
	Certificate not		owner with	boat		0
	Marking					3
	Overcrowding					1
	Partition separ		xes			0
	Females over	12 improper	ly occupyin	g		0
	Cleanliness					2
	Painting					3
	Ventilation					0
	Dilapidation					1
	Removal of bi					0
	Without pump				***	0
	Refusal of adn		nspector			0
	No proper wa					0
	Without requi	isite double	bulkheads			0
	Notification of	f Infectious	Disease			0
Total in	fringements me	et with				16
,,	,, re	medied				12
Number	r still correspon	ding about				4
,,	of legal proceed	edings taken				0
	of women wit	h boats insp	ected			23
,,	of men	,,				525
"	of children be	tween 5 and	12			18
	,, 5	years and ur	nder			17
2.2	7.7					

#### Bakehouses.

On September 12th a Sub-Committee, in company with the Medical Officer of Health and Sanitary Inspector, visited all the Bakehouses in the borough, and submitted the following report:—

To the Health Committee.

Gentlemen,—The following members of your Committee, Councillor M. Cole (Chairman), Alderman Herring, Councillors Wilson and Weston, also the Medical Officer of Health and Inspector, in accordance with a resolution of the 6th ult., visited the Bakehouses in the Borough on the 12th ult., and submit the following report:

1st.—We consider that 11 of the number can be safely claimed as first-class, 23 as second-class, 17 as third-class; total visited, 51.

The above classification is based upon structural arrangement and present condition of the premises. We would also add that a number of Bakehouses have been in existence for many years, consequently they are far behind the present day improvements.

Several of the third-class are old, but not sufficiently out of repair to warrant reporting them as unfit for use.

- 2nd.—In several instances we found drain inlets inside the Bakehouses, which we recommend should be placed outside.
- 3rd.—In only a few instances did we find the ceilings or roofs lime-washed; in our opinion all ceilings and roofs should be regularly lime-washed in the future. The law in reference to the lime-washing of walls appears to have been carried out.
- 4th.—The floors in many instances were not so clean as they should have been, the responsibility of this rests with the occupiers.

We recommend the Committee to instruct the Town Clerk, with the assistance of the Medical Officer of Health and Inspector, to draft a set of Bakehouse Regulations, which should provide for the following:

- 1st.—The sweeping up of Bakehouses and removal of all dust, ashes, and refuse daily.
- 2nd.—That all coal should be kept, where possible, outside the Bakehouse, or, if inside, in a closed receptacle.
- 3rd.—That the floors of all Bakehouses should be cleansed with water once a week.

We respectfully ask the General Purposes Committee to submit all plans of Bakehouses to your Committee for their approval before passing them, for the purpose of

1st.—Seeing that all floors are paved with smooth quarries.

2nd.—That no roofs or ceilings should be less than ten feet in any part if flat, and not less than eight feet to wall plate if a lean-to roof.

The matters referred to in paragraphs 2, 3, and 4 in the first part of the report have been carried out. The drain inlets have been placed outside the Bakehouses. The roofs and ceilings made so that they can be lime-washed or painted, and the general cleanliness much improved.

The Town Clerk advises that the Local Authority have no power to make By-laws for the regulation of Bakehouses.

The General Purposes Committee will in future submit all plans for New Bakehouses to the Health Committee before final approval.

## Magisterial Proceedings.

In two instances it has been necessary to take proceedings before the Magistrates, viz., two cases of Adulterated Flour. Each sample contained 10 % of Maize Flour. The defendant was fined 5/- and costs in each case, total £8 14s. 0d. The manufacturers bore the cost of the defence of the local retailer who was summoned. This was the first prosecution in the country for Adulterated Flour, other Authorities took note of it with the result that several prosecutions in different parts of the country have been instituted, and convictions obtained.

# Privy and Ashpit Cleansing.

Night Work-Privies and Middens cleansed			808
Day Work—Day Ashpits cleansed			3,811
Day Work—Portable receptacles cleansed		5	5,640
Total		6	0,259
Night Work—Loads of ashes and excreta			914
Day Work-Loads of ashes and refuse			5,600
Day Work—Loads of business refuse	***		39
Total			6,543

#### Refuse Sorting.

The sorting of refuse is still going on satisfactory. During the year 780 loads have been sorted, from which 178 tons of embers have been obtained and realised £26 14s. 0d. Wages paid for sorting, £40 16s. 0d.

Receipts.				Expenditur	e.			
To Sale of Embers		s. 14		By Wages paid			s. 16	d.
,, 780 tons of Refuse saved from Boatage to	20			DJ Huges para II		-	20	
Farm, at 10d. per ton ,, Estimated loads of Fine Ash in stock, at 6d.	32	10	0	ale Park Isti				
per load, 400, Estimated tons of Vegetable refuse in stock,	10	0	0		11			
at 3/6 per ton, 200	35	0	0	", Balance		63	7	8
£	104	4	0		70	E104	4	0

In addition to the above there is upwards of 60 tons of broken earthenware, brick-ends, glass, &c., suitable for breaking up for concrete, also a large heap of old tins, pots, &c., from which the solder may be obtained.

In March last your Committee ordered a Corrugated Iron Shed to be erected for the sorters to work under.

# Court Sweeping.

Number of Drains opened by the court sweeper, 253; Water Closets, 288. These are opened by means of a plunger, if this fails to remove the obstruction, the Owner or Agent of the property is served with a notice to open, cleanse, and repair the drain pipes. In 76 cases notices have been served.

#### General Remarks.

Total amount of cash collected and paid to the Borough Treasurer during the year, £181 8s. 0d.

The health of the horses during the year has been satisfactory.
 One horse has been purchased, and one sold.

The other details of my work are tabulated on the accompanying tables.

I am, Mr. Chairman and Gentlemen, Your obedient Servant,

JOHN T. COWDEROY,

Sanitary Inspector.

To the Chairman and Members of the Health Committee.

# SANITARY DEFECTS AND NUISANCES

Found and Reported during the Year

Ashpits and Privies out of re Water Closets out of repair			days -	OTALS.
Water Closets out of renair	nain			130
Water Glosets out of repair	epair			64
				76
	- 1 -ut of	uonoin		181
Drains imperfectly trapped a	ind out of	repair		102
Flushing Cisterns out of repo				7
Overcrowding in dwelling-ho			.,.	66
Wash-house Sinks out of rep				152
Dwelling-houses require whi	tewasning		•••	370
Premises require lime-washi	ng		•••	37
Defective rain-water spoutin	ig			28
Defective yard and wash-hor	use paving	3		8
Poultry kept as a nuisance			•••	11
Animals kept as a nuisance				18
Offensive accumulations			***	9
Nuisances from smoke			•••	27
Dwelling-houses out of repair	ır			2
Manure receptacles out of re	epair			9
No Ash receptacles	,			2 1 6
Workshops require lime-was	sning			6
Bakehouses out of repair	***			3
Workshops out of repair			•••	11
Wash-houses out of repair				
Urinals out of repair				4
Insufficient cubic space in C	ow sheds			5
Defective Drain Pipes		•••		29
Miscellaneous nuisances				21
			-	
		TOTAL		1370

# SALE OF FOOD & DRUGS ACT, 1875 & 1879.

Samples taken during the Year 1898, and Results.

No. of Sample.	Article.	Genuine.	Adulterated.	Extent of Adulteration (if any).	Results.
1996					
153 to 154	Castor Oil Pills	2		Genuine	
155	Coffee and Chicory	1		Contains 60 per cent. of Chicory	Not a fraudulent mixture, the label stated it contained about 60 per cent. of
156	Butter	1		Genuine	Chicory
157	Cream of Tartar	1		Genuine	
158	Butter	1		Genuine	
159 to 160	Ipecacu- anha Wine	2		Genuine	
161	Bees' Wax	1		Genuine	
162	Linseed Meal	1		Genuine	
163	Fine Oatmeal	1		Genuine	
164	Sulphate of Quinine	1		Genuine	
165	Confectionery (Chocolate Chumps)	1		Genuine	
166 to 174	Milk	9		Genuine	

# SALE OF FOOD & DRUGS ACT, 1875 & 1879—Continued.

Samples taken during the Year 1898, and Results.

No. of Sample.	Article.	Genuine.	Adulterated.	Extent of Adulteration (if any).	Results.
175 to 176	Self-rais- ing Flour	2		Genuine	
177	Self-rais- ing Flour		1	Contained 10 per cent. of Maize Flour	Summoned. Fined 5/- and costs, total £4 7s. 0d.
178	Self-rais- ing Flour		1	Contained 10 per cent. of Maize Flour	Summoned. Fined 5/- and costs, total £4 7s. 0d.
179 to 180	Self-rais- ing Flour	2		Genuine	
181 to 191	Milk	11		Genuine	
1 to 6	Butter	6		Genuine	

# Summary.

Article.	No. of Samples Genuine.	No. of Samples Adulterated.
Milk	20	
Butter	8	
Self-raising Flour	4	2
Castor Oil Pills	2	
Ipecacuhana Wine	2	
Coffee	1	
Cream of Tartar	1	
Bees' Wax	1	
Linseed Meal	1	
Fine Oatmeal	1	
Sulphate of Quinine	1	
Confectionery	1	-
Totals	43	2

OF FOOD AND DRUGS ACT, 1875 and 1879. SALE THE

Year.

Year.

	seed al.	Adulterated.	:	:	:	:	:	:	:	:	;	:	:	1	:	:	1
	Linseed Meal.	Genuine.	:	:	:	:	:	:	:	:	:	:	:	Н	01	Н	4
	neal.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
	Oatmeal	Genuine.	1	:	:	:	:	:	:	1	:	:	н	:	П	-	5
	Pres- criptions	Adulterated.	:	:	:	:	:	:	:	:	:	-	:	:	:	:	П
	Pr	Genuine.	:	:	:	:	00	:	:	:	:	. 00	7:	:	1:	:	9
	Flour.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	C3	C4
	Flo	Genuine.	П	:	:	:	:	:	:	:	1	:	:	:	:	4	9
	White Pepper.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
1885	White Pepper.	Genuine.	63	:	:	C4	:	01	:	Н	:	:	:	:	:	:	7
	Cheese.	Adulterated.	:	:	:	:	:	:	:	:	:	:	1	:	:	:	П
n su	Ohe	Genuine.	:	:	:	751	:	:	:	:	:	:	00	:	:	:	7
take	fee.	Adulterated.	:	:	:	C1	:	:	1	:	:	:	:	:	:	:	00
səlo	Coffee.	Genuine.	:	:	:	1	:	:	Н	0.1	:	:	П	:	П	-	t-
Samples taken since	Lard.	Adulterated.	:	:	:	Н	:	:	:	:	:	:	:	:	:	:	1
	La	Genuine.	:	:	:	00	1	:	:	:	1	0.1	Н	C7	П	:	=
	Spirits.	Adulterated.	:	:	03	:	:	П	:	Н	00	:	co	:	01	:	12
	Spi	Genuine.	:	:	:	က	1	г	:	00	00	:	00	Н	4	:	19
	Drugs.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	Ħ	:	:	-
	Dri	Genuine.	:	:	:	55	0.1	:	:	현	:	:		4	:	10	21
	Butter.	Adulterated.	63	C1	:	:	03	:	00	01	01	Н	-	н	:	:	16
	But	Genuine.	G3	1	60	1	11	00	5	19	6	00	70	5	00	00	88
	Milk.	Adulterated.	10	60	10	4	00	C1	2.4	00	20	:	61	C4	П	:	42
	Mi	Genuine.	14	20	14	11	12	23	12	19	27	28	30	23	88	20	281

Totals

Totals

THE SALE OF FOOD AND DRUGS ACT, 1875 and 1879, continued. Samples taken since 1885.

											_		_		- 1	
	Year.	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Totals
al oles.	Adulterated.	L-	5	6	7	10	တ	9	11	11	0.1	1-	NO.	00	63	83
Total Samples.	Genuine.	23	22	18	30	30	33	18	20	45	44	47	36	45	43	494
oa.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Cocoa.	Genuine.	:	:	:	:	:	:	:	П	:	:	:	:	:	:	-
st.	Adulterated.	:	:	П	:	:	:	:	:	:	:	:	:	:	:	1
Yeast.	Genuine.	:	:	:	:	:	;	:	:	:	:	:	:	:	:	:
ė.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Tea.	Genuine.	:	Н	:	:	:	:	:	:	:	:	:	:	:	:	1
er.	Adulterated.	:	:	-	:	:	:	:	:	:	:	:	:	:	:	1
Beer.	Genuine.	:	:	1	:	:	:	:	:	:	:	:	:	:	:	-
acu-	Adulterated.	:	:	:	:	-:	:	:	:	:	:	:	:	:	:	:
Ipecacu- anha Wine.	Genuine.	:	:	:	:	:	:	;	:	:	:	:	:	:	63	0.1
	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Arrow- root.	Genuine.	-	:	:	1	:	:	:	:	:	:	:	:	:	:	01
tard	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Mustard	Genuine.	-	:	:	:	:	:	:	:	:	:	1	:	:	:	0.1
ger.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Ginger.	Genuine.	:	:	:	:	:	:	:	:	:	64	1	:	:	:	60
Confec-	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Confec-	Genuine.	:	:	:	:	:	1	:	:	:	1	:	:	:	1	00
Bread.	Adulterated.	:	:	:	:	:	:	:	:	:	:	:	:	:	:	: 1 00
	Genuine.	-	:	:	0.1	:	:	:	:	:	:	:	:	:	_	
Vinegar.	Adulterated.	:	:	:	:	:	:	:	:		:	:	:	:		1 1
Vine	Genuine.	:	:	:	:	:	:	:		4	:	:	:	:	:	4
	Year.	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	Totals

# REMOVALS, &c., TO THE BOROUGH HOSPITAL.

					,		
	1892	1893	1894	1895	1896	1897	1898
Borough Cases, No. of	41	160	199	97	53	25	9
Borough Pauper Cases, No. of Cash received for maintenance	10 £ s. d. 30 4 3	12 £ s. d. 130 4 0	17 £ s. d. 182 0 6		8 £ s. d. 86 9 0	3 £ s. d. 43 3 4	
Kidderminster Infirmary. Cases admitted Cash received for main-	1	8 £ s. d.			1	3	1
tenance		21 0 0					
Kidderminster Rural District Council.			00				
Cases admitted Cash received for maintenance	£ s. d. 30 18 7	45 £ s. d. 477 0 0	60 £ s. d. 854 12 6	7 £ s. d. 48 11 8	£ s. d. 278 18 8	£ s. d. 77 14 8	£ s. d. 19 17 4
Droitwich Rural District Council. Cases admitted					1		
Cash received for main- tenance						£ s. d. 9 5 8	
Stourport Urban District Council. Cases admitted Cash received for maintenance		15 £ s. d. 139 10 0	24 £ s. d. 368 8 0	£ s. d. 28 3 4	3 £ s. d. 31 9 8		12 £ s. d. 57 8 8
Martley Rural District Council. Cases admitted							
Cash received for main-							£ s. d.
tenance							4 19 0
Private Foreign Cases. Cases admitted							
Cash received for main-		£ s. d.		•••	£ s. d.	£ s. d.	£ s. d.
tenance		10 10 0			36 1 2	9 14 4	20 6 0
Average No. of Weeks each Patient remained in Hospital	4.4	6	6.75	7.3	5.65	5.85	5.15
	4.4	6	6.75	7.3	5.65	5.85	5.15

## METEOROLOGICAL REPORTS

For the Year ending December 31st, 1898.

# FROM OBSERVATIONS TAKEN AT 9 A.M. DAILY.

# METEOROLOGICAL STATION, PROSPECT HILL.

HEIGHT ABOVE SEA LEVEL, 161 FEET.

Month.	Barom- eter.	Te	mperatur	e.	Humid- ity.		Wind.
1898	Mean.	Mean. Max.	Mean. Min.	Mean.	Average Humid- ity.	Total Miles.	Pr'vailing direction at 9 a.m.
January	30.21	58.3	38.4	48.1	84	3651	S., S.W.
February	29.85	57.1	34.8	45.5	80	4444	W., N.W.
March	29.82	57.0	32.8	43.9	80	4332	N., N.N.E.
April	29.79	55.6	39.2	46.4	75	3706	S.E., S.W.
May	29.73	59.2	44.1	49.8	75	4160	E., W.
June	29.86	66.8	49.2	55.9	74	3457	S.W., N.W.
July	30.31	71.6	51.1	59.7	64	3176	N., N.N.W.
August	29.89	72.1	53.9	61.3	74	3863	S.W., N.W.
September	30.00	70.8	48.8	55.0	74	2847	W., S.W.
October		58.3	46.9	51.7	89	2961	N.E., S.W.
November	29.74	50.7	39.8	44.8	88	3120	N., S.W.
December	29.94	51.5	40.4	45.9	84	5210	S., W.

The Highest Temperature occurred on July 15th, 1898 ... 84.0

The Lowest Temperature occurred on February 21st, 1898 ... 25.0

RAINFALL

For the Year ending December 31st, 1898.

Rain Gauge :- Height on Top of Ground, 1 foot.

Month.		Total Depth.		Rainfall in Iours.	No. of Days on which '01 or more rain fell.
1898		Inches.	Depth.	Date.	
January		0.55	0.25	4	= = 9
February		1.18	0.26	17	14
March		0.36	0.08	23	13
April		1.32	0.33	11	14
May		3.03	0.48	5	22
June		0.85	0.24	25	13
July		1.04	0.44	1	6
August		1.58	0.57	6	15
September		0.61	0.49	29	7
October		2.52	0.49	18	19
November		1.53	0.37	23	15
December		1.65	0.28	27	13
TOTAL		16.22	0.57	Aug. 6	160
Total Rainfa	11, 18	890			20.02
"		891			21.84
" "	18	892			27.43
"	18	893			18.30
11 11	1	894			23.96
. ,, ,,	18	895			20.85
,, ,,	1	896			18.08
",	18	897			20.87
11 11	18	898			16.22
Average Rain	nfall	for the p	ast Nine	years	20.84

# METEOROLOGICAL REPORT for 1898.

From Observations taken at 9 a.m. daily of EXTREMES, AVERAGES, &c., for each Quarter, ending Nov. 30th, 1898.

	Winter. 1897. 1898. Dec. Jan. Feb.	Spring.  Mar. April May	Summer. June July Aug.	Sept. Oct.
Highest Reading of Barometer	30.58	30.26	30.31	30.32
Lowest ,, ,,	29.05	29.07	29.28	28.65
Highest Temperature in Shade	68.2	73.4	84.0	83.8
Lowest ,, ,,	22.2	47.7	40.6	26.0
Highest Humidity (0—100)	100	97	93	98
Lowest ,, (0—100)	52	56	54	61
Wind Velocity in Miles : Highest	469	322	233	309
Ditto ditto Lowest	10	7	15	15
Total Rainfall (o-100=1 inch)	3.62	4.71	3.47	4.66
Rainfall, corresponding period	6.47	4.26	6.56	4.31
Prevailing Direction of Wind at 9 a.m	w., s.w.	N., N.N.E.	s.w., n.w.	s.w., w.
Average Maximum Temperat're	57.3	57.6	70.2	59.9
,, Minimum ,,	36.2	38.5	51.4	44.1
,, Mean ,,	46.5	46.7	59.0	50.5
,, Humidity (0—100)	. 83	77	70	84
The Warmest Day occurred on	Jan. 20 58·8	May 23 60·9	Aug. 22 71·0	Sept. 8 71.6
The Coldest Day occurred on	Dec. 23 33·6	March 12 37·4	June 1 47.5	Nov. 22 32·9

The Mean Annual Temperature has been 50.7

# STREET LIST OF KNOWN CASES OF INFECTIOUS DISEASE.

Ward No. 1.	Streets	Small Pox	Scarlet Fever	Typhoid Fever	Diphtheria	Membran- eous Croup	Erysipelas	Puerperal Fever
Broad Street	Ward No. 1.							
Duke Street        Hall Street (Nos. 1 to 18)        2         Horsefair        3       1       1         Jerusalem Walk        1        1         1         Lark Hill <td< td=""><td>Broad Street Churchfields</td><td></td><td></td><td>1</td><td></td><td>11</td><td>1 2 2</td><td></td></td<>	Broad Street Churchfields			1		11	1 2 2	
Lark Hill        1         Mount Pleasant          Queen Street          Rackfields          Stourbridge Road          York Street          Ward No. 2.       1         Baxter Street          Baxter Street Extension       1         Blackwell Street          Coalfield Row          Coventry St. (Nos. 1 to Land Oak)       2         Church Street          Dudley Street          Hall Street          Hurcott Road          Hurcott Street          Orchard Street          Orchard Street          Pleasant Harbour          Radford Avenue          Shrubbery Street          Stourbridge Street (Nos. 1 to 73)          Vine Street	Duke Street Hall Street (Nos. 1 to 18) Horsefair		3	1	1		2	
Stourbridge Road	Lark Hill Mount Pleasant Queen Street Backfields		1					
Ward No. 2.         Baxter Street Extension       1         Baxter Street Extension       1         Blackwell Street       1         Coalfield Row       2         Coventry St. (Nos. 1 to Land Oak)       2         Church Street       1         Dudley Street       1         Hall Street       1         Horsefair       1         Hurcott Road       1         Hurcott Street       2         Orchard Street       1         Orchard Street       1         Pleasant Harbour       1         Radford Avenue       1         Shrubbery Street       1         Silver Street       1         Stourbridge Street (Nos. 1 to 73)       1         Vine Street       1	Stourbridge Road						1	
Baxter Street        1         Baxter Street Extension        1         Blackwell Street           Coalfield Row           Coventry St. (Nos. 1 to Land Oak)       2         Church Street        1         Dudley Street        1         Hall Street        1         Horsefair        1         Hurcott Road        1         Hurcott Street        2       1         Orchard Street        1         Orchard Street        1         Pleasant Harbour        1         Radford Avenue        1         Shrubbery Street        1         Silver Street        1         Stourbridge Street (Nos. 1 to 73)       1         Vine Street        1		0	4	1	3	0	9	0
Baxter Street Extension       1         Blackwell Street          Coalfield Row          Coventry St. (Nos. 1 to Land Oak)       2         Church Street          Dudley Street          Hall Street          Horsefair          Hurcott Road          Hurcott Street          Corchard Street          Orchard Street          Pleasant Harbour          Radford Avenue          Shrubbery Street          Silver Street          Stourbridge Street (Nos. 1 to 73)       1         Vine Street	Ward No. 2.							
Coventry St. (Nos. 1 to Land Oak)       2         Church Street        1         Dudley Street        1         Hall Street        1         Horsefair        1         Hurcott Road        2       1         Hurcott Street        2       1       7       1         Long Acre        1	Baxter Street Extension Blackwell Street		1		1			
Hall Street        1         Horsefair        1         Hurcott Road        2       1         Hurcott Street        2       1         Long Acre        1         Orchard Street        1         Pleasant Harbour        1         Radford Avenue        1         Shrubbery Street        1         Silver Street        1         Stourbridge Street (Nos. 1 to 73)       1         Vine Street        1	Coventry St. (Nos. 1 to Land Oak Church Street	)					1	
Long Acre        1         Orchard Street        1         Pleasant Harbour        1         Radford Avenue        1         Roden Avenue        1         Shrubbery Street        1       1         Silver Street        1       1         Stourbridge Street (Nos. 1 to 73)       1       1         Vine Street        1       1	Horsefair Hurcott Road						,	
Roden Avenue 1 1 Shrubbery Street 1 1 1 Silver Street 1 1 1 Vine Street 1 1 1	Long Acre Orchard Street		2		,			
Stourbridge Street (Nos. 1 to 73) Vine Street	Radford Avenue Roden Avenue Shrubbery Street		1		1		1	
1	Stourbridge Street (Nos. 1 to 73) Vine Street Waterloo Street	150		1	1	1	1	
0 8 4 11 1 6 0	THATELTOO DUICED	-						0

# STREET LIST—Continued.

Streets	Small Pox	Scarlet Fever	Typhoid Fever	Diphtheria	Membran- eous Croup	Erysipelas	Puerperal Fever
Chester Road (Nos. 1 to 72) Coventry Street East Street Findon Street George Street (Nos. 1 to 40)		1		1 1 1 1 1		1 1	
Leswell Street Linden Avenue Lorne Street Offmore Road St. George's Terrace Viller's Street Yew Tree Road		1		1 1 2 2 1		1 1	
	0	3	0	10	0	4	0
Cross Street Fair Street Fairfield George Street (Nos. 42 to 49) Green Street High Street Hoo Road Lion Street New Road Oxford Road		3		1 1 2 1 2 1 2	1	1 2	
Worcester Street						1	
	0	3	0	11	1	8	0

# STREET LIST-Continued.

		X		-	ria	Membran- eous Croup	as	78
		Small Pox	Scarlet Fever	'yphoid Fever	Diphtheria	rairo	Erysipelas	Puerperal Fever
STREETS	100	=	ar	ph	btl	op C	sip	r.p
		na	SE	PH	ip	en	ry	ine F
	130	S			A	N 8	田	A
						1		
Ward No. 5.					100			
Bewdley Street (Nos. 1 to 59)					F 16	188	2	
Brussells Street				1				
Cemetery Street			10.14					
Chapel Street			FIE	2			1	
Cobden Street						1000	1	
Crescent Road					1			
Crowther Street								
Hill Street				100.1				
New Wood Street						100		
Park Butts								
Park Lane (Nos. 20 to 63)							1	
Park Street			1	100	1		2	
Peel Street					1 1			
Plimsoll Street				1		1		1
Rock Terrace			1					
Woodfield Crescent				2				
Wood Street							2	
		0	1	4	3	0	9	0
Ward No. 6.								
Bennett Street			1					
Bewdley Hill			2					
Bewdley Street (Nos. 60 to 95	)		3	133	3			
Blakebrook			1					
Crane Street					5		1	
Franchise Street							2	
Habberley Street								
Hume Street				1		-		
The Infirmary			1			1000		
Mason Street			1			1		
Mill Lane					1			
Mill Street				1	1 1		2	
Park Butts							2	Taxana and
Park Lane (Nos. 1 to 18)			1					
Paternoster Row								
Pitt's Row					1	100		
Proud Cross			1	6 40		1300		10
St. John's Street			The state of				1	
Sutton Road			1		73	1		
Talbot Street			300					
The Workhouse			1		1			
Washington Row							1	
Woodfield Street							1	
		0	11	1	12	0	9	0
SUMMARY.								-
Ward No. 1			4	1	3		9	-
Ward No. 2			8	4	11	1	6	-
Ward No. 3			3		10		4	
Ward No. 4			3	1000	11	1	8	
Ward No. 5			1	4	3	-	9	
Ward No. 6			11	1	12	2250	9	
				(4) (4)				
Totals		0	30	10	50	2	45	0
- Annual Control of the Control of t	10 10 10	VARABLE .	THE WATER				-	-