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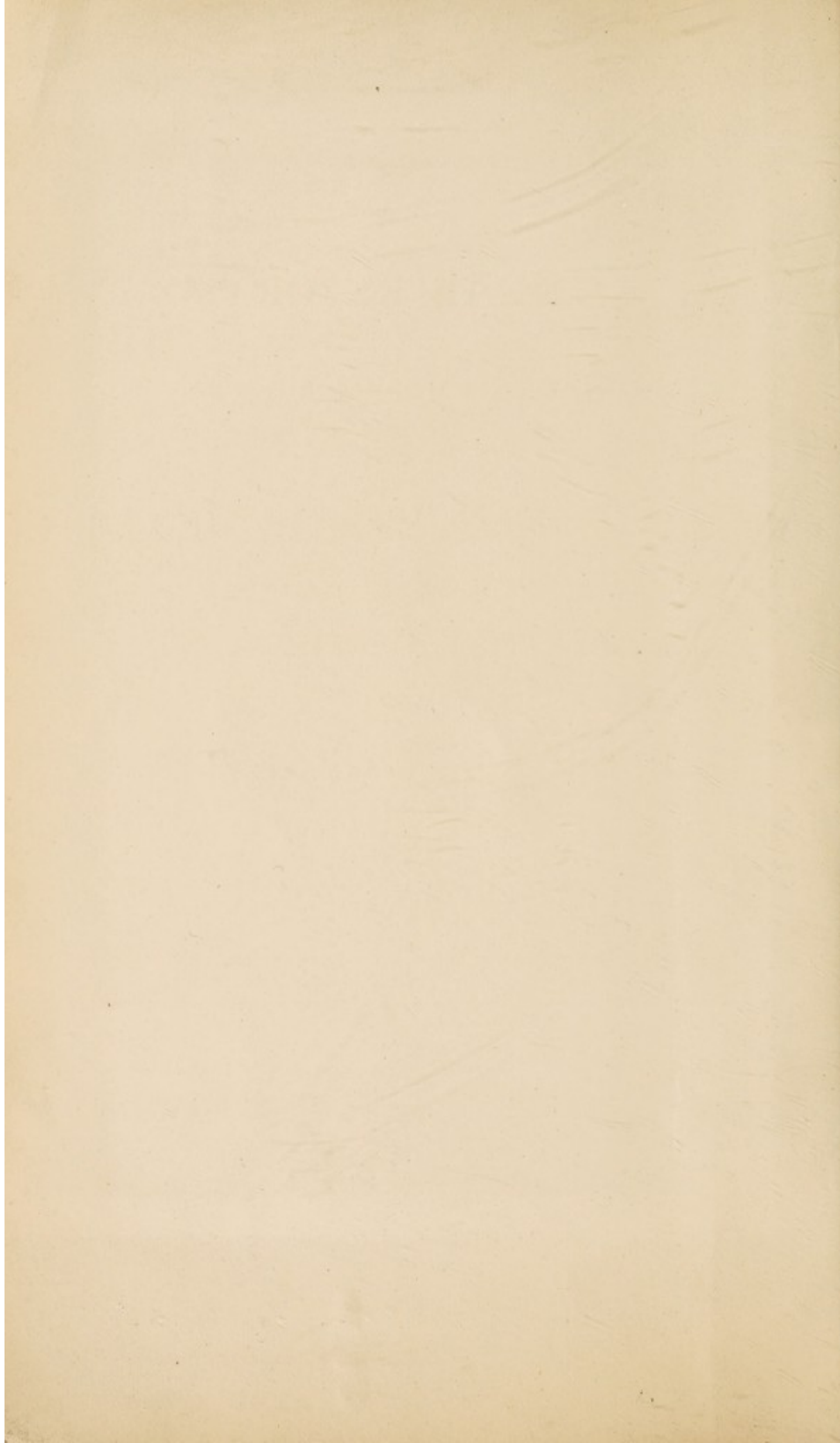


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DIGEST  
OF THE  
ANNUAL REPORTS  
for the Year 1894,  
OF THE  
MEDICAL OFFICERS OF HEALTH  
AND  
INSPECTORS OF NUISANCES  
IN THE  
COUNTY OF WORCESTER.

BY  
G. H. FOSBROKE D P.H., CAMB.

County Medical Officer for Worcestershire,  
Fellow of the Sanitary Institute,  
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Medical Association,  
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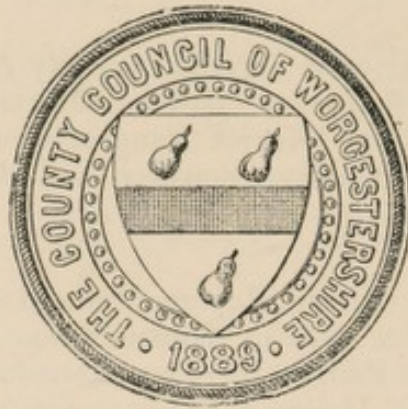
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# INDEX.

	TABLES.	PAGE.
Area of County - - - - -	Tables A. & B. -	5, 7
Birth-rates- - - - -	Tables A. B. & C. -	7, 8
Byelaws - - - - -	- - - - -	27, 28
Cancer - - - - -	Table C. -	20
Dairies, Cowsheds and Milkshops	- - - - -	28
Death-rates - - - - -	Tables A. B. & C. -	8, 9
Death-rates, Cancer - - - - -	Table C. -	20
"    Infantile - - - - -	Tables A. B. & C. -	17
"    Respiratory - - - - -	Table C. -	19
"    Phthisis - - - - -	Table C. -	17, 18
"    Zymotic - - - - -	Tables A. B. & C. -	9 to 17
Diarrhœa - - - - -	Tables A. B. & C. -	16, 17
Diphtheria - - - - -	Tables VI., A. B. & C. -	15, 16
Disinfection - - - - -	- - - - -	22
Districts, Area of - - - - -	Tables A. & B. -	7
"    Population of - - - - -	Tables A. B. & C. -	7
Drainage - - - - -	- - - - -	22 to 26
Erysipelas - - - - -	Tables VI., A. & B.-	30
Factories and Workshops - - - - -	- - - - -	16
Fever - - - - -	Tables VI., A. B. & C. -	21, 22
Hospitals - - - - -	- - - - -	22 to 26
House Accommodation - - - - -	- - - - -	17
Infantile Mortality - - - - -	Tables A. B. & C. -	5, 6
Local Government Act 1894 - - - - -	- - - - -	14
Measles - - - - -	Tables VI., A. B. & C. -	21
Membranous Croup - - - - -	Tables VI., A. & B.-	17, 18
Notification of Disease - - - - -	- - - - -	7
Phthisis - - - - -	Tables A. B. & C. -	6
Population of County - - - - -	Tables A. B. & C. -	30
Reports, Printing of - - - - -	- - - - -	31 to 142
Reports of Inspectors of Nuisances - - - - -	Table D. -	31
Reports, Synopses of Medical Officers of Health - - - - -	Urban District -	34
"    "    Bewdley Borough	"    "    -	37
"    "    Bromsgrove Country	"    "    -	40
"    "    "    Town	"    "    -	43
"    "    Droitwich Borough	"    "    -	46
"    "    Evesham	"    "    -	49
"    "    Kidderminster	"    "    -	52
"    "    Malvern Great	"    "    -	55
"    "    "    Link	"    "    -	58
"    "    Oldbury	"    "    -	61
"    "    Redditch	"    "    -	64
"    "    Stourbridge	"    "    -	
"    "    Stourport	"    "    -	

INDEX.

	TABLES.	PAGE.
Reports, Synopses of Medical Officers of Health for—		
"    "    Alcester	Rural District	67
"    "    Bromsgrove	"    "	70
"    "    Bromyard	"    "	73
"    "    Cleobury Mortimer	"    "	76
"    "    Droitwich	"    "	79
"    "    Evesham	"    "	82
"    "    Kidderminster (Kidderminster Division)	Rural-	85
"    "    "    (Wolverley	"    ")	88
"    "    "    (Bewdley	"    ")	91
"    "    "    (Chaddesley Corbett	"    ")	94
"    "    King's Norton	Rural Division	97
"    "    Ledbury	"    "	100
"    "    Martley	"    "	103
"    "    Newent	"    "	106
"    "    Persnore	Rural	109
"    "    Shipston-on-Stour	Rural District	112
"    "    Solihull	"    "	115
"    "    Stourbridge	"    "	118
"    "    Stow-on-the-Wold	"    "	121
"    "    Stratford-on-Avon	"    "	124
"    "    Tenbury	"    "	127
"    "    Tewkesbury	"    "	130
"    "    Upton-on-Severn	"    "	133
"    "    West Bromwich	"    "	136
"    "    Winchcombe	"    "	139
"    "    Worcester	"    "	142
River Pollution	- - - - -	26, 27
Sanitary Administration	- - - - -	22 to 26
Sanitary Officials, Number of	- - - - -	6
Scarlatina	- - - - - Tables VI., A. B. & C.	14, 15
Smallpox	- - - - - Tables VI., A. B. & C.	14
Vagrants and spread of Disease-	- - - - -	28 to 30
Vital Statistics	- - - - - Tables II. to XXIV., A. B. & C.	7 to 20
Water Supply-	- - - - -	22 to 26
Whooping Cough	- - - - - Tables A. B. & C.	-
Zymotic Disease	- - - - - Tables IV. to IX., A. B. & C.	9 to 17



*To the Sanitary Committee of the County Council of  
Worcestershire.*

MR. CHAIRMAN AND GENTLEMEN,

1. I have the honour to present my Sixth Digest of Annual Reports of Medical Officers of Health and Inspectors of Nuisances in the Administrative County of Worcester, which refers to the year 1894.

2. The general plan of the Report is much the same as heretofore.

3. Prior to the passing of the Local Government Act 1894, there were 35 Sanitary Districts (12 Urban and 23 Rural) in the Administrative County of Worcester. This number is now reduced to 32 (12 Urban and 20 Rural), the Stratford-on-Avon, West Bromwich and Worcester Rural Districts having ceased to exist as distinct Sanitary areas.

4. This alteration has not decreased the acreage of the County, as Stratford-on-Avon has been amalgamated with Shipston, West Bromwich with Oldbury, and Worcester with Droitwich, Martley and Pershore. On the other hand, the annexation of Dowles and Upper Arley (hitherto in Salop) has increased the County area by 4,680 acres and the population by 738.



5. The number of Sanitary Officials in 1894 was the same as in 1893, viz., 29 Medical Officers and 36 Sanitary Inspectors. The changes just referred to, however, reduce the strength of Medical Officers to 26 and Sanitary Inspectors to 33.

6. Although there were only 35 Sanitary Authorities in 1894, copies of 38 Annual Reports of Medical Officers were sent to you, the Kidderminster Rural District being split up into the Kidderminster Foreign, Wolverley, Bewdley and Chaddesley Corbett Divisions.

7. I regret to say that the Reports for the Bromyard and Ledbury Districts neither give separate Statistics nor any account of the sanitary wants of the Parishes of Acton Beauchamp, Sapey Pitchard and Mathon (part). Under the Local Government Act 1894, however, I hope this will not continue.

8. The Medical Officers of 13 Sanitary Authorities, as compared with 12 in 1893 and 11 in 1892, have forwarded their Annual Reports in MS., and therefore I infer the Reports are unprinted, viz: in—

*Urban Districts.*

Bromsgrove Town.  
Droitwich.

Malvern Link.  
Stourport.

*Rural Districts.*

Bromsgrove.  
Cleobury Mortimer.  
Droitwich.  
Newent.  
Stow-on-the-Wold.

Tenbury.  
Tewkesbury.  
Winchcombe.  
Worcester.

9. I trust you will appeal to these Authorities to print the Reports of their Medical Officers, in order that the public may be interested and instructed in local Sanitary administration and requirements, for it is found that publication of such Reports generally promotes local Sanitation.

AREA AND POPULATION.

10. The Area and Population of the Administrative County for 1881, 1891 and 1894 (estimated) are set forth in—

TABLE I.

Districts.	Area in Statute acres.	Population.		Increase.	Estimated (a) for 1894.
		1881.	1891.		
Urban (12)	25,397	101,058	105,793	4,735	108,406
Rural (23)	447,612	170,779	190,820	20,041	194,907
Total (35)	473,009	271,837	296,613	24,776	303,313

(a) From Reports of Medical Officers of Health, but *exclusive* of Bromyard and Rural Districts, for reasons given in Paragraph 7.

11. The area and Populations of 1881 and 1891 have been prepared in the County Council Office with extreme care, and are believed to be correct. The estimated Population for 1894 is derived from the Annual Reports of the Medical Officers of Health, and on that basis my collective County Statistics are calculated.

## VITAL STATISTICS.

12. As I remarked last year, had Dr. Sandford complied with my request, and sent me separate Statistics for the Worcestershire Parishes of the Bromyard and Ledbury Rural Districts, my return of Births and Deaths for the County would be complete.

13. Table II. compares the Birth-Rates of the Administrative County with those of England and Wales during the years 1892-4 inclusive.

TABLE II.

Districts.	No. of Births (a).			Rate per 1,000 of Population (a).		
	1892.	1893.	1894.	1892.	1893.	1894.
Urban (12)	3,342	3,352	3,144	31·5	31·4	29·0
Rural (23)	5,608	5,685	5,484	29·3	29·1	28·1
Administrative County (35)	8,950	9,037	8,628	30·1	29·9	28·4
England and Wales	897,270	914,305	889,242	30·5	30·8	29·6

(a) Exclusive of Bromyard and Ledbury Districts.

14. The Birth-Rate of England and Wales in 1894, the lowest ever recorded, was 2·0, per 1,000 below the mean rate of the ten

years 1884-93. The County Birth-Rates seem to be correspondingly low.

15. In the Urban Districts (see Diagram and Table A) Great Malvern, as usual, has the lowest Birth-Rate (14·7) and Oldbury the highest (39·6); the former being a residential locality and the latter a manufacturing town. Oldbury was the only Urban District in which the Birth-Rate exceeded 34.

16. The Rural Districts which had Birth-Rates exceeding 34 were Stourbridge (39·0), West Bromwich (35·7) and Winchcombe (39·6).

### DEATHS.

17. Table III. compares the Death-Rates of the County with those of England and Wales for the years 1892-94 inclusive.

TABLE III.

Districts.	No. of Deaths (a).			Rate per 1,000 of Population (a).		
	1892.	1893.	1894.	1892.	1893.	1894.
Urban (12) - - -	2,100	1,957	1,634	19·8	18·3	15·0
Rural (23) - - -	3,300	2,912	2,700	17·8	14·9	13·8
Administrative County (35)	5,400	4,869	4,334	18·1	16·1	14·2
England and Wales - -	559,090	569,997	498,515	19·0	19·2	16·6

(a) Exclusive of Bromyard and Ledbury Districts.

18. Table III. shows that the County Death-Rates are declining, and that those for 1894 are the lowest I have yet recorded.

19. On reference to the Diagram and Table A, it will be noticed that Death-Rates exceeding that of England and Wales (16·6) were registered in the following districts :

#### URBAN DISTRICTS.

Droitwich Borough (24·8).

#### RURAL DISTRICTS.

Martley (16·8).

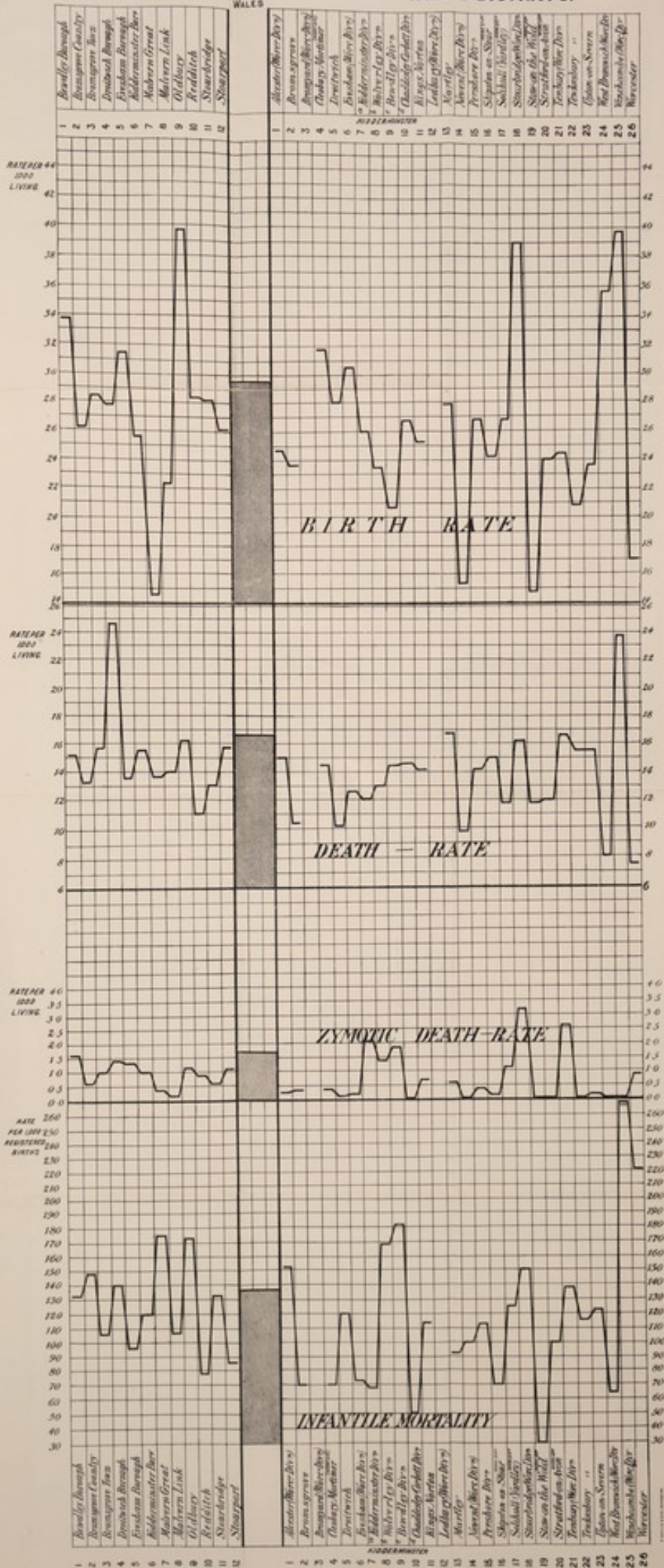
Winchcombe (23·8).

# DIAGRAM OF VITAL STATISTICS.

## URBAN DISTRICTS.

ENGLAND  
AND  
WALES

## RURAL DISTRICTS.





20. The Death-Rate of England and Wales (16·6) for 1894 is remarkable for being not only the lowest ever recorded, but as much as 1·5 per 1,000 under the lowest previous rate (18·1 in 1888), but also 2·6 per 1,000 below the mean annual rate of the preceding ten years.

21. Dr. Roden, when alluding to the excessive Death-Rate of the Borough of Droitwich, remarks that "23 of the deaths were in the cases of people not belonging to the Borough, of whom the majority were people in the Workhouse brought in from the country, either suffering with advanced disease or worn out by old age . . . . but the corrected Death-Rate is 19·9 per 1,000."

22. He also states that "the respiratory Death-Rate is unusually high; 80 of the deaths occurred in the case of children under 5 years, the remainder were in cases of old people who succumbed to the effect of the severe weather."

23. Mr. Hyde says that the Martley Death-Rate (16·8) is rather larger than usual, and mentions that "the increase has fallen chiefly on the aged."

24. The Death-Rate of Winchcombe is accidental; the District being very small (population 126) the mortality fluctuates considerably from year to year.

25. Dr. Cameron Kidd reports great improvement in the Vital Statistics of the Bromsgrove Country Urban District, which was largely due to the improvements made in the dwellings and their surroundings.

26. In connection with the Statistics of the Bromsgrove Town Urban District, the Medical Officer of Health notes "unmistakable signs of improved Sanitary condition . . . . which are certainly greater in Sidemoor than elsewhere, are attributable to the beneficial effect of the drainage system." The want of the sewerage in this locality was shown in a Report I presented on 14th March 1891.

#### ZYMOTIC DISEASES.

27. Table IV. compares the Rates of the "Seven principal Zymotic Diseases" with those of England and Wales, for the years 1892-94 inclusive.

TABLE IV.

Districts.	No. of Deaths (a).			Rate per 1,000 of Population (a).		
	1892.	1893.	1894.	1892.	1893.	1894.
Urban (12) - - -	152	207	111	1·4	1·9	·9
Rural (23) - - -	172	246	214	·8	1·2	1·0
Administrative County (35)	324	453	325	1·1	1·5	1·0
England and Wales - -	56,032	73,492	52,771	1·9	2·4	1·7

(a) Includes deaths from Smallpox, Measles, Scarletina, Diphtheria, Whooping Cough, Fever, and Diarrhoea.

28. The Zymotic Death-Rates are satisfactorily low for the County as a whole, and it should be noticed that the collective rate of the Urban Districts, slightly lower than that of the Rural Districts, is below that of England and Wales.

#### URBAN DISTRICTS.

29. The Zymotic Rates ranged from ·2 in Malvern Link to 1·7 in Bewdley. The Bewdley Mortality was due to Measles.

30. None of the Rates exceeded that of England and Wales.

#### RURAL DISTRICTS.

31. The Zymotic Rate ranged from 0·0 in Chaddesley Corbett, Newent, Stow-on-the-Wold, Stratford-on-Avon, Tewkesbury, West Bromwich and Winchcombe to 3·2 in Stourbridge.

32. The Rates of the Kidderminster Division of Kidderminster (2·1), Bewdley Division of Kidderminster (1·8), and Tenbury (2·7), exceeded that of England and Wales (1·7).

33. The Rate of Kidderminster Division of Kidderminster Rural District is attributable to deaths in the Isolation Hospital, among persons not belonging to the District; that of the Bewdley Division of Kidderminster Rural to Measles, and of Tenbury to the variety of infectious diseases which invaded the District, viz., Measles (2 deaths), Scarletina (5 deaths), Whooping Cough (3 deaths). The excessive Rate of Tenbury for the year 1893 (2·9) was due to Scarletina (1 death), Diphtheria (6 deaths), Fever (3 deaths), and Diarrhoea (4 deaths).

34. Tables V. and VI. show the Rates per 1,000 of the "Seven principal Zymotic Diseases" in the years 1892, 1893 and 1894, and the number of cases and deaths in each district during 1893 and 1894.

TABLE V.

District.	Smallpox.			Measles.			Scarlatina.			Diphtheria.			Whooping Cough.			Fever.			Diarrhoea.		
	1892.	1893.	1894.	1892.	1893.	1894.	1892.	1893.	1894.	1892.	1893.	1894.	1892.	1893.	1894.	1892.	1893.	1894.	1892.	1893.	1894.
Urban (12)	.00	.02	.01	.40	.40	.3	.01	.10	.05	.10	.1	.1	.47	.3	.1	.07	.1	.08	.35	.8	.2
Rural (23)- Administrative County (35)	.00	.00	.05	.17	.03	.4	.04	.10	.1	.15	.1	.04	.20	.2	.1	.09	.09	.04	.25	.6	.1
England & Wales	.01	.04	.02	.44	.3	.3	.18	.2	.1	.18	.2	.2	.42	.3	.3	.14	.6	.1	.48	.9	.3



TABLE VI.  
*Urban Districts.*

District	Smallpox.			Measles.			Scarlatina.			Diphtheria.			Membranous Group.			Fever.			Erysipelas.			Puerperal Fever.		
	Cases.	Deaths.	Hospital Cases.	Cases.	Deaths.	Hospital Cases.	Cases.	Deaths.	Hospital Cases.	Cases.	Deaths.	Hospital Cases.	Cases.	Deaths.	Hospital Cases.	Cases.	Deaths.	Hospital Cases.	Cases.	Deaths.	Hospital Cases.	Cases.	Deaths.	Hospital Cases.
Bewdley -	-	-	-	4	57	1	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromsgrove Country -	2	-	2	1	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromsgrove Town -	3	-	3	1	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Droitwich -	4	1	4	10	2	6	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Evesham -	2	-	2	50	3	6	-	-	6	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Kidderminster -	6	-	6	87	15	318	4	26	4	26	4	5	-	-	-	-	-	-	-	-	-	-	-	-
Malvern Great -	1	-	1	34	22	-	7	2	4	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Malvern Link -	-	-	-	43	3	1	3	1	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Oldbury -	14	-	14	29	1	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Redditch -	-	-	-	7	14	-	4	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stourbridge -	1	-	1	3	11	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stourport -	-	-	-	3	43	1	26	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	33	1	31	1962	375	81	624	4	51	9	5	9	7	39	9	113	6	3	-	-	-	-	-	-

Rural Districts.

Alcester -	3	1	3 <sup>a</sup>	1	27	25	3	1	1	1	3						
Bromsgrove -	15	1	13	1	36	1	4										
Bromyard -	-	-	-	-	Details not given by M.												
Cleobury Mortimer -	-	-	-	-	38	1	2										
Droitwich -	5	1	1	1	56	1	8										3
Evesham -	4	-	4	-	8	-	3										2
Kidderminster :																	
Kidderminster Division -	6	6	6		42	31 <sup>b</sup>	10	2									
Wolverley Division -	-	-	-	-	24	1	8										1
Bewdley Division -	-	-	-	-	51	20											
Chaddesley Corbett Division -	-	-	-	-	9	1											
King's Norton -	12	34	4	200	9197	1146	1	5	2								
Ledbury -	-	-	-	-	Details not given by M.												
Martley -	-	-	-	-	4	84	4	10									1
Newent -	-	-	-	-	-	-	-	-									1
Pershore -	-	-	-	-	-	-	-	-									
Shipston-on-Stour -	1	-	-	-	41	3	26	1	17	1							2
Solihull -	43	4	41	4	11	1											
Stourbridge -	12	1	11	-	56	34	7										
Stow-on-the-Wold -	-	-	-	-	65	84	5	6	18	1							1
Stratford-on-Avon -	-	-	-	-	-	-	-	-	-	-							
Tenbury -	-	-	-	-	105	5	22	1									
Tewkesbury -	-	-	-	-	Notification Act not in force.												
Upton-on-Severn -	-	-	-	-	80		9	1									
West Bromwich -	4	-	4	-	4												1
Winchcombe -	-	-	-	-	1												
Worcester -	-	-	-	-	1	1	3										
<b>Total</b> -	<b>105</b>	<b>8117</b>	<b>10351</b>	<b>86957</b>	<b>23303</b>	<b>6118</b>	<b>9</b>	<b>1</b>	<b>18</b>	<b>7</b>	<b>93</b>	<b>815</b>	<b>2151</b>	<b>3</b>	<b>9</b>	<b>3</b>	<b>3</b>

\* Only notified in Great Malvern, Evesham, and Kidderminster. (a) Occurred at Hertford Sanatorium (Alcester). (b) These deaths occurred in Isolation Hospital among persons not belonging to the District. (c) 22 from outside District.

## SMALLPOX.

35. During 1894, 138 cases of Smallpox (33 Urban and 105 Rural) were notified, as compared with 192 (158 Urban and 34 Rural) in 1893, and 0 in 1892.

36. Table VI. shows that 8 of the 12 Urban Districts and 10 of the 23 Rural Districts were invaded with the disease during the year. It was epidemic in Birmingham during that period, and that City, as the principal populous locality in the Midlands, seems to have been the centre from which the disease extended to Worcestershire. Of the 138 cases notified, 126 were treated in Hospital, the adoption of which precaution undoubtedly averted local epidemics. This was manifestly so in Yardley Parish, as Dr. Wilson remarks that owing to the proximity of Birmingham, Smallpox kept cropping up during the year, but was kept in check by the Isolation Hospital.

37. I have no statements at command by which to judge of Vaccination effects.

## MEASLES.

38. In 1894 this disease was notifiable in the Evesham, Great Malvern and Kidderminster Urban Districts alone, but has ceased to be so in the Borough of Kidderminster since 27th May 1895.

39. Tables V. and VI. show that the mortality of Measles in 1894 (123 cases, rate .4 per 1,000) was greater than in 1893 (50 cases, rate .1 per 1,000). In the former year the incidence of disease was greater in the Rural Districts (rate .4 per 1,000) than in the Urban (rate .3), but in the latter year such experience was reversed.

40. It will be interesting to me to note to what extent the fatality of Measles in the Borough of Kidderminster is influenced by the removal of this disease from the Schedule of Notifiable disorders.

41. My experience hitherto has tended to show that Notification of Measles reduces its mortality, not so much by checking epidemics, but because official visits lead to the isolation of children, and so reduce the risk of exposure to cold.

SCARLATINA.  
TABLE VII.

Districts.	No. of Cases.			No. of Deaths.			Hospital Cases.			Hospital Deaths.		
	1892	1893	1894	1892	1893	1894	1892	1893	1894	1892	1893	1894
Urban (12) - - -	136	548	581	2	11	6	54	183	241	2	12	4
Rural (23) - - -	469	1148	957	8	17	23	201	462	303	1	3	6
Administrative County (35) - - -	605	1696	1538	10	28	29	255	645	544	3	15	10

42. It will be gathered from Table VII. that there were 158 fewer cases of Scarlatina in 1894 than in the previous year, although the mortality was slightly higher.

43. The prevalence of the disease, and the number of patients removed to Hospital are shown in Table VI.

44. None of the outbreaks were of special etiological interest, and personal infection appears to have been the chief channel for their distribution.

DIPHTHERIA.

TABLE VIII.

Districts.	No. of Cases.			No. of Deaths.			Hospital Cases.			Hospital Deaths.		
	1892	1893	1894	1892	1893	1894	1892	1893	1894	1892	1893	1894
Urban (12) - - -	108	56	51	11	11	9	14	-	5	4	-	-
Rural (23) - - -	186	152	118	30	26	9	1	1	1	-	-	-
Administrative County (35) - - -	294	208	169	41	37	18	15	1	6	4	-	-

45. A glance at Table VIII. shows that Diphtheria was not as prevalent or as fatal in 1894 as in either of the previous years, and it is to be hoped that the apparent decline will continue. The numbers of cases and deaths in each district are set forth in Table VI.

46. The etiology of Diphtheria is debatable and interesting : but I do not propose to deal with this subject now, having done so on former occasions. Next year, however, I shall hope to submit some results of the action you have taken in connection with the distribution of serum obtained from immune animals.

47. I may remind you that in December last, acting on the instruction of the County Council, the Clerk and I issued circular letters to the Clerks of the Local Authorities and Medical Practitioners in the County, drawing attention to recent progress in bacteriological investigation, for the purpose of ascertaining whether a sore throat is, or is not of diphtheritic character, and in cases where Diphtheria prevails, of the probable cure obtained by the subcutaneous injection of serum derived from immune animals. We further stated, that arrangements had been made with the British Institute of Preventive Medicine, by which I was enabled to supply immune serum on application at my Office, as well as to carry out any bacteriological examination that might be deemed advisable.

48. I should like to take this opportunity of stating generally, that so far as the experience of this County goes, the subcutaneous injection of immune serum has had satisfactory results.

49. Experience as to this treatment in England, and more especially in Germany, tends to prove that the diphtheritic serum is harmless; and this fact, combined with the decreased mortality, should encourage further use of it. Extended trial of the subcutaneous injection of the serum demonstrates that the specific effect of the serum is obtained the more certainly and quickly, the earlier the treatment is commenced. It would seem, too, that with adults, and in far advanced and severe cases of Diphtheria, injection of a single dose should be repeated, and the later the patients are injected, the larger the dose to be employed. As to the secondary effects of the antitoxin treatment, too, these it would seem, can in no way be attributed to the quantity of antitoxin, but to the serum as such.

50. Bacteriology has shown that occasionally Diphtheria patients manifest characteristic bacilli for several weeks after convalescence, and outbreaks have been traced to old cases of Diphtheria which were to all appearance perfectly well. In all cases of genuine Diphtheria, therefore, it would seem desirable that a patient should not be pronounced free from infection so long as these characteristic bacilli are present in the throat.

FEVER.  
TABLE IX.

Districts.	No. of Cases.			No. of Deaths.			Hospital Cases.			Hospital Deaths.		
	1892	1893	1894	1892	1893	1894	1892	1893	1894	1892	1893	1894
Urban (12) - - -	105	66	39	8	14	9	10	-	-	1	-	-
Rural (23) - - -	58	144	93	18	17	8	3	15	15	-	-	2
Administrative County (35) - - -	163	210	132	26	31	17	13	15	15	1	-	2

51. It is satisfactory to notice in Table IX. that Fever (including Typhoid or Enteric Fever), a disease whose presence or absence is intimately associated with Sanitation, was not prevalent last year in the County, and that the actual numbers of cases and deaths registered in 1894 were less than in either 1893 or 1892. Table VI. shows the local incidence of the disease.

52. The principal outbreak (59 cases, 5 deaths) occurred in the Stourbridge Rural District, and the Medical Officer of Health attributes "this epidemic to impure water, and improper surface "drainage."

53. Now, however, that the Local Authority are preparing Sewerage Schemes for the populous parts of their District, and tap water is becoming more general (278 houses having been so supplied in 1894), such outbreaks ought to be prevented in the near future.

#### DIARRHŒA.

54. Table X. gives the number of deaths from Diarrhœa during the years 1889-1894 inclusive.

TABLE X.

Districts.	1889.	1890.	1891.	1892.	1893.	1894.
Urban (12) - - -	109	90	57		89	30
Rural (23) - - -	54	60	51		122	27
Administrative County -	163	150	108	81	211	57

55. The deaths from Diarrhœa in 1894 were comparatively few, and this no doubt was due to climatic influences. In hot seasons the Death-Rate from this disorder always increases. As usual, the manufacturing districts were the chief seats of the disease.

INFANT MORTALITY.

TABLE XI.

Districts.	Deaths of Children under 1 year per 1,000 registered births.		
	1892.	1893.	1894.
Urban (12) - - - - -	177	172	131
Rural (23) - - - - -	125	122	117
Administrative County (35) - - -	145	140	122
England and Wales - - - - -	148	159	143

56. As in England and Wales, so in the Urban and Rural Districts of Worcestershire, the Infantile Mortality was lower in 1894 than in either of the two preceding years.

57. When alluding in my last "Digest" to the high Infantile Death-rate of certain Districts in the County, I said that "the question of such high Mortalities, and how they can be affected by local influences, both moral and hygienic, are deserving of special attention at the hands of the respective Sanitary Authorities." Since the publication of that statement, several of the Authorities referred to have caused inquiries to be made as to these excessive rates, but as County Councillor Dixey, M.D., and I have been authorized by the Council to specially investigate them, and our inquiries are still incomplete, I refrain from alluding further to the subject at present.

PHTHISIS.

58. Table XII. shows the Death-Rates from Phthisis in each District during the years 1890 to 1894 inclusive, and also the average rates for the same period.

TABLE XII.

Urban Districts.	Average for years 1890 to 1894.	Rate per 1,000 of Population.				
		1894.	1893.	1892.	1891.	1890.
Bewdley - - - - -	1.2	1.0	1.0	1.0	2.4	.6
Bromsgrove Country - - - - -	1.3	1.9	1.9	.9	2.1	.8
Bromsgrove Town - - - - -	1.1	1.3	1.2	1.2	8	1.3
Droitwich Borough - - - - -	1.0	.5	1.7	1.5	.7	.5
Evesham Borough - - - - -	1.0	.6	1.1	1.8	.8	.9
Kidderminster Borough - - - - -	.8	.8	1.0	1.3	1.2	
Malvern Great - - - - -	.7	.8	1.1	.1	.9	.9
Malvern Link - - - - -	.8	2.0	1.2	.4	.7	
Oldbury - - - - -	.7	.6	.6	.8	.7	.8
Redditch - - - - -	1.6	1.6	1.8	1.6	1.8	1.4
Stourbridge - - - - -	.7	.8	1.0	.6	.6	.9
Stourport - - - - -	1.4	.8	1.9	1.7	1.4	1.2
Rural Districts.						
Alcester - - - - -	1.1	1.9	1.2	.7	.6	1.2
Bromsgrove - - - - -	1.0	.8	1.0	2.3	1.3	
Bromyard - - - - -						
Cleobury Mortimer - - - - -	.8	.7	0.0	.4	1.3	1.8
Droitwich - - - - -	.7	.4	.7	1.2	.3	1.2
Evesham - - - - -	.9	.5	.8	1.9	.8	.9
Kidderminster—						
Kidderminster Division - - - - -	.8	1.0	.3	2.4	.3	
Wolverley Division - - - - -	.9	.7	1.8		1.8	.2
Bewdley Division - - - - -	.4	.4	.4	0.0	.9	.4
Chaddesley Corbett Division - - - - -	.8	1.3	1.7	.4	.8	0.0
King's Norton - - - - -	1.2	1.7	1.0	1.5	.8	1.1
Ledbury - - - - -						
Martley - - - - -	.9	.6	.8	.9	1.3	1.3
Newent - - - - -	.4	0.0	.7	.7	.7	0.0
Pershore - - - - -	.8	.6	.3	.9	.6	1.7
Shipston-on-Stour - - - - -	.8	1.0	1.2	.4	1.0	.8
Solihull - - - - -	.6	1.1	.8	.8	.5	0.0
Stourbridge - - - - -	.5	.5	.5	.4	.4	.7
Stow-on-the-Wold - - - - -	2.3	5.9	0.0	0.0	2.9	2.8
Stratford-on-Avon - - - - -	.4	0.0	0.0	0.0	2.3	0.0
Tenbury - - - - -	.9	.7	.8	1.2	.6	1.2
Tewkesbury - - - - -	.8	1.2	1.2	2.0	0.0	
Upton-on-Severn - - - - -	1.2	1.3	.7	1.9	.8	1.5
West Bromwich - - - - -	1.2	1.1	.3	2.8	1.7	.4
Winchcombe - - - - -	1.5	0.0	7.9	0.0	0.0	0.0
Worcester - - - - -	.50	.9	0.0	.9	.9	0.0

## URBAN DISTRICTS.

59. The average rates for the years 1890-94 inclusive seem to have varied from .7 in Oldbury and Great Malvern to 1.6 in Redditch. Next after Redditch comes Stourport (1.4), Bromsgrove Country (1.3), Bewdley (1.2), Bromsgrove Town (1.1). The association of Phthisis with needle manufacturing districts is a question to which I gave attention some years back, and the conclusion I then arrived at was, that the mortality was not due to the trade itself so much as to the fact that the operatives too often work in warm rooms, and themselves fail to utilize the means of ventilation supplied by the owners of the factories.

## RURAL DISTRICTS.

60. The rates for the same quinquennial period varied from .4 in the Bewdley Division of Kidderminster, Newent, and Stratford-on-Avon, to 2.3 in Stow-on-the-Wold. The excessive rate in Stow-on-the-Wold (5.9) in 1894, entirely accounts for the high average of 1890-4, and is purely accidental; Mr. Dening states that the deaths which caused it "were young people who returned home to "their native village in the last stage (of the disease) to die."

## RESPIRATORY DISEASES.

61. Table XIII. gives the Death-Rates from Respiratory Diseases during the years 1890-94 inclusive.

TABLE XIII.

Urban Districts.	Averages for years 1890 to 1894.	Rate per 1,000.				
		1894.	1893.	1892.	1891.	1890.
Bewdley Borough - - -	3.4	2.7	4.1	3.1	5.9	1.5
Bromsgrove Country - - -	3.0	1.7	3.5	4.3	2.3	3.5
Bromsgrove Town - - -	4.6	3.4	3.2	7.5	4.9	4.3
Droitwich Borough - - -	3.9	4.2	2.2	4.7	5.2	3.3
Evesham Borough - - -	2.5	2.5	1.5	2.5	3.2	3.2
Kidderminster Borough - - -	2.6	2.7	3.1	4.3	3.1	
Malvern Great - - -	2.3	3.0	1.9	3.2	1.6	2.1
Malvern Link - - -	2.1	2.2	2.1	4.5	1.8	
Oldbury - - -	6.1	3.6	5.6	8.7	7.5	5.2
Redditch - - -	3.1	2.0	3.7	3.1	3.4	3.5
Stourbridge - - -	3.7	2.2	4.9	4.2	3.8	3.4
Stourport - - -	3.0	.8	.2	5.6	4.8	3.6
Rural Districts.						
Alcester (Worcestershire Division)-	2.8	4.4	1.3	2.3	2.2	4.0
Bromsgrove - - -	1.9	1.8	1.8	2.8	3.2	
Bromyard (Worcestershire Div.) -						
Clebury Mortimer (Wor. Div.) -	4.2	3.1	2.6	2.2	7.8	5.5
Droitwich - - -	1.9	1.3	1.8	2.4	2.1	2.3
Evesham (Worcestershire Division)	2.2	1.6	1.6	2.9	2.8	2.2
Kidderminster—						
Kidderminster Division - - -	2.6	1.7	1.7	5.6	2.1	2.0
Wolverley Division - - -	2.2	2.9	2.1		2.8	3.6
Bewdley Division - - -	2.8	2.3	2.8	2.3	5.6	1.2
Chaddesley Corbett Division -	2.6	1.3	1.3	6.2	.8	3.7
King's Norton - - -	2.7	2.8	3.4	2.3	2.6	2.7
Ledbury (Worcestershire Division)-						
Martley - - -	2.5	2.4	1.5	3.5	3.1	2.4
Newent (Worcestershire Division)-	4.4	3.0	3.8	6.9	7.7	.6
Pershore Division - - -	2.8	1.9	2.2	3.8	4.7	1.5
Shipston-on-Stour (Wor. Div.) - -	2.3	2.3	2.1	4.2	2.5	.6
Solihull (Yardley) (Wor. Div.) - -	2.2	2.0	2.3	3.3	3.5	0.0
Stourbridge (Worcestershire Div.)-	3.6	2.7	2.5	4.5	3.6	4.9
Stow-on-the-Wold (Wor. Div.) - -	1.1	0.0	0.0	2.9	2.9	0.0
Stratford-on-Avon (Wor. Div.) - -	4.6	2.4	2.3	0.0	13.8	4.7
Tenbury (Worcestershire Division)	3.9	4.5	3.1	3.4	5.4	3.4
Tewkesbury (Worcestershire Div.)-	1.5	3.6	2.4	1.2	.6	0.0
Upton-on-Severn - - -	2.6	1.2	2.4	3.8	2.8	2.9
West Bromwich (Wor. Division) - -	3.6	1.5	3.8	2.0	5.5	5.2
Winchcombe (Worcestershire Div.)	2.7	7.8	0.0	0.0	0.0	5.8
Worcester - - -	2.8	3.7	0.0	4.6	5.8	



## CANCER.

62. Table XIV. gives the Cancer Death-Rates of each District for the years 1890-94 inclusive.

TABLE XIV.

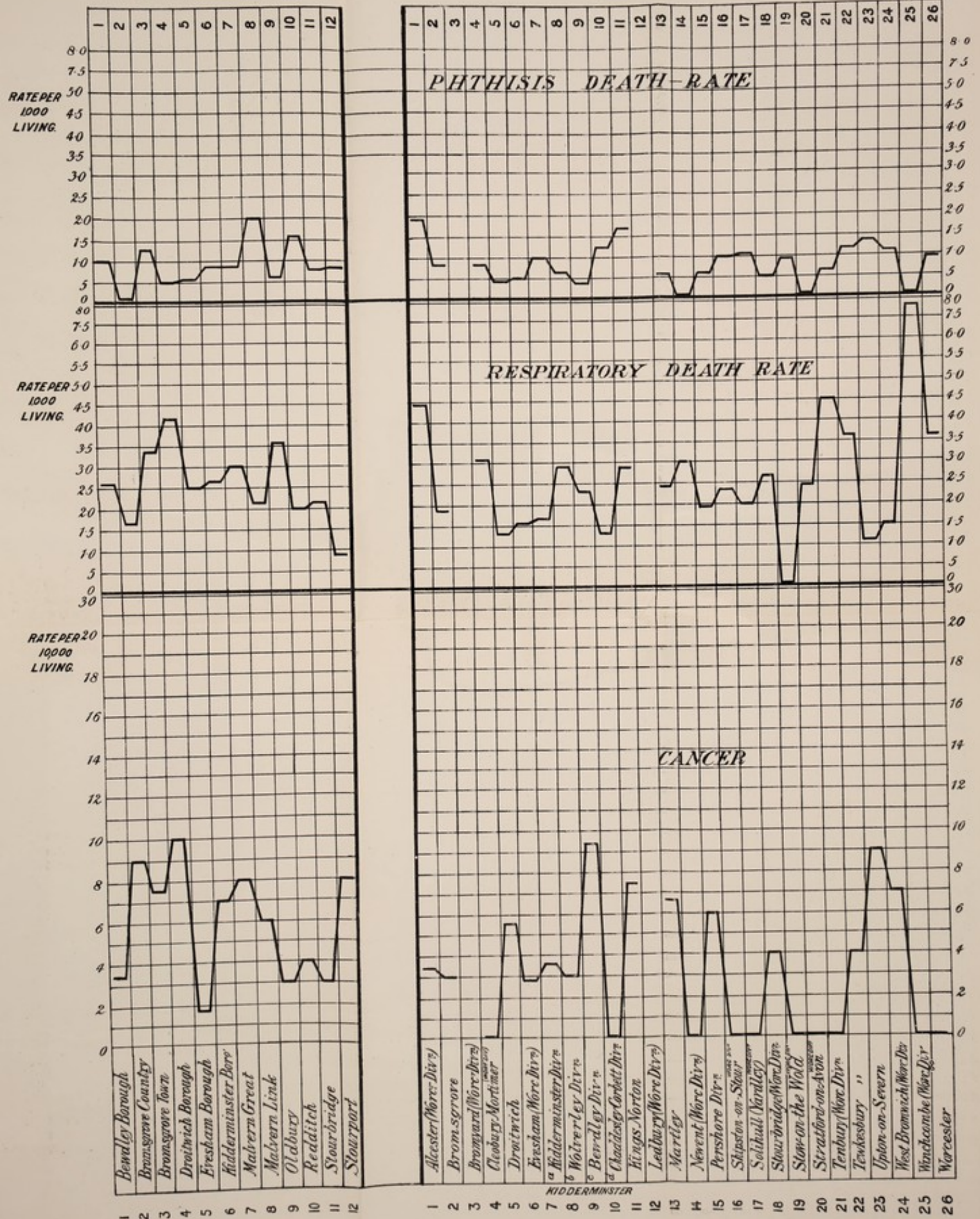
Urban Districts.	Average for years 1890 to 1894 per 10,000 of population.	Rate per 10,000.				
		1894.	1893.	1892.	1891.	1890.
Bewdley Borough - - - -	3.9	3.4	10.0	0.0	3.2	3.2
Bromsgrove Country - - - -	3.4	9.0	0.0	5.9	0.0	2.1
Bromsgrove Town - - - -	5.9	7.5	7.5	5.0	5.1	4.7
Droitwich Borough - - - -	8.9	10.0	7.5	7.4	9.7	10.0
Evesham Borough - - - -	5.0	1.7	1.0	6.8	10.2	5.7
Kidderminster Borough - - - -	4.6	7.0	7.0	6.5	2.6	0.0
Malvern Great - - - -	6.8	8.0	6.0	11.4	3.3	5.7
Malvern Link - - - -	7.4	6.0	8.0	6.5	0.0	16.6
Oldbury - - - -	2.5	3.0	0.0	3.4	3.5	2.7
Redditch - - - -	3.3	4.0	3.0	4.5	5.2	0.0
Stourbridge - - - -	2.4	3.0	2.0	0.0	3.2	3.0
Stourport - - - -	3.3	8.4	2.8	0.0	5.6	0.0
Rural Districts.						
Alcester (Worcestershire Division)-	1.7	3.4	1.7	0.0	0.0	3.6
Bromsgrove - - - -	4.7	3.0	1.7	11.2	0.0	8.0
Bromyard (Worcestershire Div.) -		0.0	0.0	0.0	.2	0.0
Cleobury Mortimer (Wor. Div.) -		5.2	5.6	0.0	7.0	11.2
Droitwich - - - -	5.2	5.6	0.0	7.0	11.2	2.6
Evesham (Worcestershire Division)	4.8	2.8	0.0	0.0	3.5	13.0
Kidderminster—						
Kidderminster Division - - - -	4.0	3.5	3.5	7.0	3.8	4.5
Wolverley Division - - - -	2.0	3.0	2.8	0.0	0.0	4.5
Bewdley Division - - - -	4.7	9.4	9.0	0.0	0.0	4.5
Chaddesley Corbett Division -	.9	0.0	0.0	0.0	0.0	4.5
King's Norton - - - -	7.6	7.4	7.0	10.9	7.4	5.6
Ledbury (Worcestershire Division)-						
Martley - - - -	5.2	6.6	2.1	4.9	6.6	6.2
Newent (Worcestershire Division)-	.2	0.0	0.0	0.0	0.1	0.0
Pershore Division - - - -	4.8	6.0	2.8	6.1	6.3	2.8
Shipston-on-Stour (Wor. Division)	.6	0.0	0.0	0.0	0.3	0.0
Solihull (Yardley) (Wor. Division)	1.9	0.0	9.6	0.0	0.0	0.0
Stourbridge (Worcestershire Div.)-	1.5	4.0	2.4	0.0	1.3	0.0
Stow-on-the-Wold (Wor. Division)-	6.0	0.0	0.0	0.0	30.0	0.0
Stratford-on-Avon (Wor. Division)	.9	0.0	0.0	0.0	.1	4.6
Tenbury (Worcestershire Division)	0.0	0.0	0.0	0.0	0.0	0.0
Tewkesbury (Worcestershire Div.)-	.8	4.0	0.0	0.0	.2	0.0
Upton-on-Severn - - - -	7.7	9.0	5.0	7.4	8.9	8.6
West Bromwich (Wor. Division) -	5.5	7.0	0.0	0.0	.3	10.4
Winchcombe (Worcestershire Div.)-	.6	0.0	0.0	0.0	.3	0.0
Worcester - - - -	1.8	0.0	9.0	0.0	.3	0.0

63. As I discussed Cancer and its causation in my Report for 1890, and even now so little is known of it, I must content myself with merely recording these rates in the hope that as science progresses they may be of some service.

# DIAGRAM OF VITAL STATISTICS.

## URBAN DISTRICTS.

## RURAL DISTRICTS.



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## URBAN DISTRICTS.



## NOTIFICATION OF DISEASE.

64. The Tewkesbury Rural Authority have not yet deemed it expedient to adopt the Infectious Diseases Notification Act 1889, and apparently have not yet realised that by failing in this respect they are not doing their utmost to protect the inhabitants of their District from the ravages of such disorders. As it does not seem that your recommendations, or that of their Medical Officer of Health, has any influence, I fear that, until the Act is obligatory, this undesirable state of things will continue.

65. Speaking of Worcestershire alone, surely the fact that 34 of 35 Sanitary Authorities in the County have voluntarily availed themselves of the advantages of this Act ought to induce the Tewkesbury Rural District to give it a trial.

## ISOLATION HOSPITALS.

66. I mentioned last year that I had been instructed, under Section 6 of the Isolation Hospitals' Act 1893, to report as to the necessity of such Institutions being generally established in the County.

67. Since that time considerable progress has been made in that direction ; but, even yet I am not, owing to changes effected by the Local Government Act 1894, in a position to complete my inquiry. Now, however, that the new District Councils have organized themselves, I anticipate that in a few months I shall be able to present my report.

68. Without anticipating it, I may say that, practically, all of the Sanitary Authorities in the County whose districts have not undergone change, either are now, or apparently at no distant date will be, provided with Isolation Hospitals.

69. The influence of the Isolation Hospital Act 1893 has been most marked, and has stimulated Local Authorities who do not possess hospitals to give the matter consideration. The Worcestershire County Council took the lead, and issued the two first "Orders" in England, under Section 9 of the Act, whereby the "Bromsgrove, Droitwich and Redditch" and the "Malvern" Hospital Committees have been constituted.

70. The Droitwich Corporation having appealed under Section 2 of the Act, on the plea that they had not "consented" to be included in the Hospital District, and the Local Government Board not yet having given their decision, active operations are still delayed in this case.

71. The Upton-on-Severn Authority, too, have appealed under Section 8 (3) as they object to Malvern Wells being included in the Malvern Hospital District. This appeal, however, is causing no delay, as the Malvern Hospital Committee are making inquiries as to the requirements of the District and with respect to a suitable site, buildings &c.

72. The Upton-on-Severn and Pershore Authorities preferred to petition the Local Government Board for a "Provisional Order," by which the "Upton-on-Severn and Pershore Joint Hospital District" has been formed, rather than apply to the County Council for an "Order" under the Isolation Hospitals' Act.

73. Other Authorities in the County have Hospital questions under consideration, and I am encouraged in the belief that ere long Worcestershire will set a good example to other counties in this matter.

#### DISINFECTIION.

74. With regard to Disinfection, progress has been made during the year, the "Evesham Joint Hospital Board" having ordered one of "Reck's Steam Disinfectors." Until the various Hospital schemes now under consideration are matured, the question of providing efficient Steam Disinfectors for the respective districts necessarily remains in abeyance. I have, however, good reason for thinking that the erection of efficient Disinfectors and Hospitals will go hand in hand.

#### SANITARY ADMINISTRATION.

75. I believe I shall be enabled to condense my report by dealing with questions of general Sanitation to which I desire to draw your attention, under District headings rather than under those of House Accommodation, Drainage, Water-supply, Excrement Disposal, &c., and consequently I propose adopting this course.

76. *Bewdley Urban District.*—I reported fully to you upon this Borough on the 27th April 1895, and then stated that, "owing to the fact that the Town of Bewdley is small, the rateable value low, and the Borough generally speaking in far from a flourishing condition, it is difficult to make practical recommendations. The following works are required to place it in a Sanitary condition:—

- "1. Many dwellings require to be energetically dealt with  
"under the 'Housing of the Working Classes' Act 1890'  
"and the 'Public Health Act 1875.'
- "2. Steps should be taken to substitute efficient pipe sewers  
"for the present defective brick culverts, and to remove  
"the sewage from the River Severn.
- "3. The Excrement Disposal is in need of considerable  
"improvement.
- "4. Adequate Water Works are urgently needed; and
- "5. Isolation Hospital arrangements should be made."

77. These recommendations are now being considered by the Corporation.

78. The Medical Officer of Health (Mr. Webster) advises that steps should be taken to demolish many uninhabited houses in Sandy Bank.

79. *Bromsgrove Country Urban District.*—Dr. Kidd reports that “the peoples’ dwellings . . . and surroundings” have been much improved. Many cottages with 2 bedrooms are overcrowded.

80. No arrangements have yet been made for sewerage and laying on the East Worcestershire Waterworks Co.’s water to Catshill, the expediency of which is shown in my Report of August 29th 1891.

81. *Bromsgrove Town Urban District.*—Dr. Kidd alludes to “unmistakable signs of improved Sanitary condition . . . certainly greater in Sidemoor than elsewhere, and attributable to the beneficial effect of the drainage system.” In 1893, Dr. Kidd referred to the bad state of some courts in the town, and now reports “that 103 houses have been repaired and cleaned by order of the Board, but many in the poorer parts of the town remain almost unfit for habitation.”

82. He points out as regards Scavenging, “that the supply of men and horses is all too small,” and urges “the great advantage of compelling the alteration of existing privies into W.C.’s.” The Byelaws are referred to as “excellent if they be only enforced.”

83. *Droitwich Urban District.*—So far as I can learn no Byelaws are in force. The Town Clerk wrote the Clerk of the County Council on March 5th 1895, “that the subject of remodelling the Byelaws is receiving attention.”

84. *Evesham Urban District.*—The Sewage Outfall Works have been completed at a cost of £2,000.

85. It would appear that there is considerable “overcrowding,” as more cottages at low rentals are necessary. The Corporation are doing what they can in the matter.

86. *Malvern Urban District.*—The late Medical Officer of Health (Dr. Dawson) advised as to the desirability of insisting upon some cottage property in the northern part of the town being put into a more satisfactory condition.

87. My Report of 16th October 1894 deals with the local Sanitation of the town.

88. *Malvern Link Urban District.*—The need of Water Works and improved Sewerage and Sewage Disposal Works, is described in my Report of 29th April 1893. The Local Authority have now published Mr. Baldwin Latham’s Report thereon, and are proceeding to deal with these questions.

89. *Oldbury Urban District.*—Dr. Cunningham says, portions of the Township are not yet seweraged, but the matter is under consideration, and advises paving of yards with some impervious material. Subsidence seems to have delayed active operations for dealing effectively with the Sewage Outfall Works, but there is no reason to believe this will long continue.

90. *Stourport Urban District*.—Adverting to my Report on Stourport Sanitation, dated 29th July 1893, and more particularly as to the Sewage Pollutions of the Rivers Severn and Stour, Mr. Robinson says the Engineer (Mr. Wilcox, C.E.) reports that “it is necessary that the District be re-drained, and that some arrangement be made for the purification of the sewage before it is poured into the rivers. He further suggests the annexation of Upper Mitton, including Newtown, for inclusion in the drainage scheme.”

91. In my opinion this course is most desirable: as yet, however, nothing is decided.

92. *Alcester (Feckenham) Rural District*.—How to supply Astwood Bank with water has not yet been settled, although the Authority appear to be doing all they can.

93. *Bromsgrove Rural District*.—Sanitary questions, affecting Stoke Prior, Webheath, Clent, Blakedown and Pedmore are, I believe, still undealt with. I have previously reported upon these matters.

94. *Cleobury Mortimer Rural District*.—Dr. Thursfield mentions that an independent Water Supply for the Village of Bayton, long recommended by him, is about to be carried out.

95. *Droitwich Rural District*.—The want of Drainage at Upper Mitton, described in my Report of 29th July 1893, is again mentioned by Dr. Swete. (Vide Par. 90.)

96. Stoke Works has been supplied with water from the East Worcestershire Waterworks Co.’s mains.

97. *Evesham Rural District*.—The Drainage of Hampton is a source of serious pollution to the River Avon; consequently an Engineer (Mr. Willcox, C.E.) has been retained to advise thereon, but, as a comprehensive scheme seems advisable, it has not yet been definitely arranged for.

98. It has recently been decided to carry out the Evesham Villages Water Scheme, which is one of considerable magnitude.

99. *Kidderminster Rural District (Wolverley Division)*.—The Drainage defects at Shortheath, referred to last year, are reported to have been satisfactorily removed.

100. *Kidderminster Rural District (Bewdley Division)*.—I am on the point of reporting upon the Sanitary requirements of Wribbenhall.

101. *Kidderminster Rural District (Chaddesley Corbett Division)*.—With reference to my Report on Chaddesley Corbett, dated 10th February 1894, it would appear that “a large open drain, leading from the north end of the Village, 70 to 80 yards in length, has been greatly improved by the laying of Sanitary pipes the whole length.”

102. *King's Norton Rural District*.—Dr. Hollinshead reports that King's Norton (with Row Heath and Cotteridge Estate) has been sewered. At Bartley Green a public well has been sunk, and water mains laid through the Villages of Bartley Green, Woodgate, Moor Street and California. The Medical Officer of Health strongly advocates the conversion of ashpit privies into W.C.'s, and a good deal seems to have been done in that direction.

103. *Martley Rural District*.—The scheme for sewerage Clifton-on-Teme, mentioned last year as having been submitted to the Local Government Board, is not commenced; nor is the defective Water Supply, described in my Report of 29th July 1893, remedied, although some new wells have been sunk.

104. *Pershore Rural District*.—The Water Supplies of Wyre, Bishampton and Throckmorton have been improved by carrying out Waterworks. Similar schemes for Great and Little Comberton are in course of preparation. Improvements in Drainage at Whittington have been made, and a comprehensive Sewerage Scheme for Pershore, estimated to cost £6,250, is now before the Local Government Board. As the only efficient Water Scheme for that town would probably involve an outlay of £14,500 at least, it is for the present deemed impracticable.

105. The defective Water Supplies of Grafton Flyford and Eckington have been improved by erecting public pumps. Naunton Beauchamp now derives its Water Supply chiefly from an open water course.

106. *Shipston Rural District*.—The new Drainage and Waterworks at Blockley were opened in July 1894.

107. *Solihull Rural District*.—Dr. Wilson reports a vast amount of work in Yardley during recent years, in the way of Sewerage, Water Supply, acquisition of Urban powers, provision of an Isolation Hospital, &c.; to effect which, loans to the extent of £80,900 have been arranged.

108. *Stourbridge Rural District*.—The Upper Stour Valley Drainage Works are proceeding apace, and plans for sewerage The Lye, Wollescote, Cradley, Hasbury and Halesowen are being prepared. The necessity for these is described in my Report of 11th May 1891.

109. *Tenbury Rural District*.—Dr. Thursfield reports that "the Council is to be congratulated on the practical commencement of the necessary measures of providing a supply of pure and wholesome water from a source on the side of the Clee Hill" for Tenbury. The necessity of this was mentioned in several of his Reports, and also in one I presented on 30th August 1890.

110. *Tewkesbury Rural District*.—Dr. Turner writes that "the question of the Drainage and Water Supply of the Village of Bredon is one which has come under my notice. Out of six



“samples of water supplied to me from the Village, three were  
“polluted by sewage matter, and in every case the quantity of  
“chlorides present was so large as to render the water a very  
“unpleasant one to drink.

111. “The main drain of the street was also found to be in a  
“very dilapidated condition and requiring repair.

112. “I do not think that any really satisfactory supply of water  
“will be obtainable from the wells in the Village, and the source  
“from which the supply ought to be drawn is undoubtedly Bredon Hill,  
“where there is an ample supply, but the expense would be very con-  
“siderable for a small Village such as Bredon.

113. “The Drainage of the Village will also have to be thoroughly  
“taken in hand. The matter is at present under the consideration  
“of the District and Parish Councils, and will, I hope, be brought  
“to a satisfactory termination.”

114. *Upton-on-Severn Rural District.*—Mr. Cowley speaks of the  
Drainage of the Village of Powick as “defective in construction and  
“in its disposal; the latter, connected as it is with the vexed  
“question of the ditch and water-course below it. It has been a  
“recurring subject before the old Sanitary Authority, and attempts  
“have been made to remedy its condition, but with ill success. It  
“must engage the attention of the Council before long, and no doubt  
“the Parish Council will themselves, when looking up their Sanitary  
“requirements, urge you to deal with it.”

115. *West Bromwich Rural District.*—This District has been  
amalgamated with Oldbury Urban District, and as its Sanitary  
defects were made prominent when annexation was *sub judice*, no  
doubt the defects at Bristnall Fields and Causeway Green, mentioned  
in my Reports of 17th January 1891 and 29th October 1892, will  
be dealt with before long by the Oldbury Urban District Council.

#### RIVER POLLUTION.

116. *River Stour.*—This Pollution of the Upper Stour is un-  
changed, but the Works of the Upper Stour Valley Drainage Board  
are speedily advancing, and these, with the sewerage schemes ordered  
by the Halesowen Rural District Council to be prepared, should  
effectively mitigate the nuisance.

117. *River Rea.*—The Clerk of the King’s Norton Rural  
District Council informed your Clerk, on July 25th 1895, “that the  
“question of enforcing the injunction against Messrs. Baldwin & Sons  
“is receiving the attention of the District Council.”

118. *River Severn.*—I have now inspected the whole of the  
Worcestershire Pollutions of this stream, and my Report will be  
presented in due course.

119. *Roway Brook*.—Continued subsidences at the Oldbury Sewage Farm have delayed active operations for mitigating the pollution of Roway Brook, but the question of the alterations and improvements necessary, is receiving the attention of the Urban District Council.

120. *Halesowen Brook*.—The Halesowen Rural District Council are now of opinion that there is not the same necessity as formerly to incur the large expenditure originally contemplated (something like £120), especially as they have given instructions for the preparation of a Scheme of internal sewerage.

121. As the Brook is a standing menace to the health of those who live near it, I trust the powers given you by the Council to make a "representation" to the Local Government Board, under Section 299 of the Public Health Act 1875, will be put into force, should there be unnecessary delay in commencing the local Sewerage Works. If the centre of the bed of the stream were channelled, and the sewage prevented from stagnating in pools, the serious nuisances now complained of, would be mitigated to some extent.

122. *River Avon*.—I have received no instructions to report on the pollution of the Avon, but I am aware that the sewage of the Town of Pershore and the Village of Hampton is discharged into it in unpurified condition. I should add, however, that the Pershore and Evesham Rural District Councils are taking steps to remove these pollutions.

123. *River Cole*.—Dr. Wilson reports "that the Pollution of the Cole by the effluent from the Cole Hall Farm, which receives the sewage of Yardley, has been greatly mitigated by the better laying out and management of the Farm."

124. "There is some slight Pollution of the River by the Drainage of the Lower part of Colehill, but it is not of a serious nature."

125. *Bromsgrove Brook*.—It would appear from Dr. Kidd's Report that "there still remain a considerable number of houses in parts of the town which discharge their slop drainage into stream. These houses are all noted in the Inspector's book, and an order should be made in each case for connection with the sewer."

## BYELAWS.

### URBAN DISTRICT.

126. In *Redditch* the Byelaws are in process of alteration, at Stourport they are out of date, and Droitwich Urban and several Rural Districts do not seem to possess any.

127. The Draft Code you forwarded to the District Authorities as a basis for local regulations, have been adopted with slight modification by the Alcester, Evesham, and Pershore District Councils.

128. I said last year "I hoped when the Rural District Councils "come into operation, they will see the advisability of framing some "simple *Byelaws suitable to the requirements of country places,*" and I am glad to observe that some Rural Medical Officers of Health make similar suggestions. The adoption of this recommendation would entail but slight cost, and would promote the erection of *new* houses and closets, and the laying of drains, on sound Sanitary principles; the violation of which is often not wilful, but because those carrying out such work are not well versed in such matters.

#### DAIRIES, COWSHEDS AND MILKSHOPS.

129. In *Malvern Link District* Mr. Weir advises the appointment of the Inspector to supervise the Dairies, Cowsheds and Milkshops.

130. In *Upton-on-Severn District* Mr. Cowley states: "I expressed a hope that the Inspector would in the current year, 1893, "be able to prepare a complete register of the Dairies having a "public supply in our District, and regret this has not been forthcoming."

131. In *Oldbury Urban District* Dr. Cunningham remarks in connection with Dairies and Cowsheds: "These I hope to see duly "registered, an Inspector appointed, and a code of regulations "adopted, whereby they may be kept under proper supervision."

132. The inspection of Dairies and Cowsheds is supervised by the majority of the Authorities in the County; but as milk is so often a vehicle for the distribution of disease, careful inspection of *all* registered Dairies and Milkshops ought to be rigidly insisted upon. The personal cleanliness of the udders of cows, the hands of milkers, as well as the hygienic arrangements of Dairies, Cowsheds and Milkshops, ought, in my opinion, to be carefully regulated by Byelaws; but I fear that few such are in existence. I commend this subject to your consideration, in order that if you approve, a model code may be issued by your Authority.

#### VAGRANTS AND SPREAD OF DISEASE.

129. As instructed, I attended a Conference on Infectious Disease and Vagrancy convened by the London County Council, and held in London in July 1894.

130. The meeting was a large one, representatives of very many County Councils and Local Authorities being present.

131. I learn as in Worcestershire, so elsewhere, there is weighty evidence to prove that Vagrants not uncommonly carry disease from place to place.

132. The following resolutions were adopted by the Conference, and I think it advisable to record them, *although I wish it clearly to be understood that I did not agree with them in their entirety even when they were adopted: viz—*

1. That common shelters which are not subject to the law relating to common lodging houses should be made subject to such law.
2. That there should be power to the Local Authority to require medical examination of all persons entering common lodging houses and casual wards, and that each inmate of a common lodging house or casual ward should on admission have a bath of fresh water.
3. That the Local Authority should have power to order the keeper of a common lodging house, in which there has been infectious disease, to refuse fresh admissions for such time as may be required by the Authority.
4. That the Local Authority should be empowered to require the temporary closing of any common lodging house in which infectious disease has occurred.
5. That the Local Sanitary Authorities should have power to require the detention of any inmate of a common lodging house or casual ward who may reasonably be suspected of being liable to convey infectious disease.
6. That means should be provided for the detention and isolation of any vagrant found wandering in a public place, if reasonably suspected of being liable to convey infectious disease.
7. That the Local Authority should have full power to require the disinfection of the person and clothes of any person in a common lodging house or casual ward, whether infected or exposed to infection.
8. That arrangements should be made by which the occurrence of infectious disease in common lodging houses or casual wards should be made known by the Local Authority of the District to the Local Authorities of other Districts.

9. That Local Authorities should be empowered to require the vaccination or revaccination of persons in common lodging houses or casual wards, who are exposed to the infection of Smallpox.

#### FACTORIES AND WORKSHOPS.

138. Several Medical Officers do not record what is being done under the Factory and Workshops' Acts. As proper inspection of Workshops entails considerable labour, I venture to hope that references to such work be in future more full.

#### REPORTS OF SANITARY INSPECTORS.

139. Of 36 Sanitary Inspectors whose Districts are either wholly or partially included in this County, 27 have favoured me with Reports upon Forms issued by the County Council. As these Officers are not obliged to do so, I desire to tender to them my thanks for their courtesy in this respect, and for the cordial co-operation I invariably receive from them. Their Reports (Appendix) represent a vast amount of work, and show how efficiently they discharge their duties.

140. The post of Sanitary Inspector is very different from what it was 20 years back, and requires varied knowledge in sanitary science and law, in addition to which tact and decision are essential qualities for such officials.

141. Knowing the Worcestershire Sanitary Inspectors intimately, it affords me much pleasure to be able to report that I believe few Counties possess a more zealous or efficient staff.

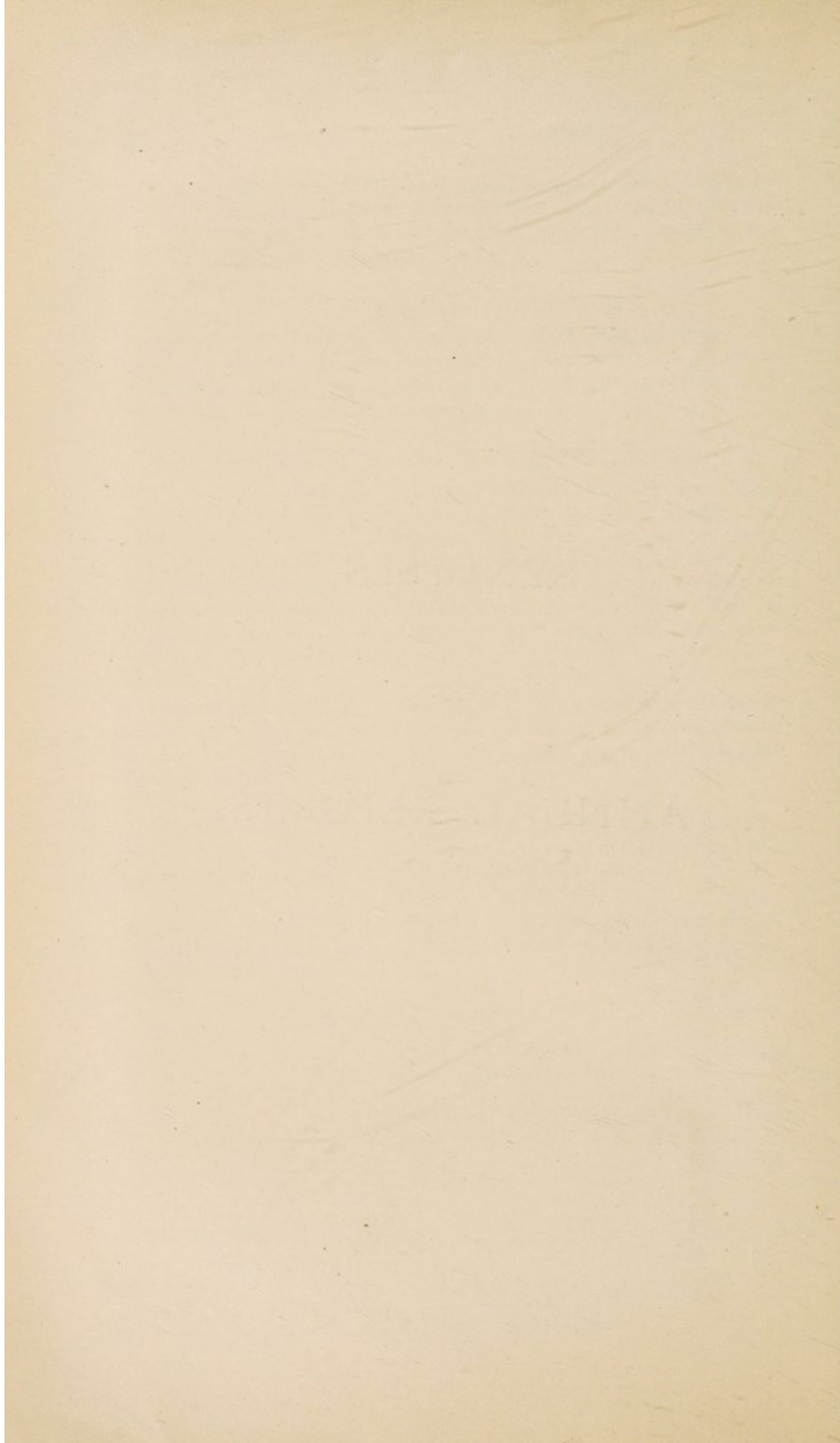
140. In conclusion, I beg once more to tender my best thanks for the courtesy and consideration with which you invariably receive my recommendations.

Your obedient Servant,

G. H. FOSBROKE, D.P.H., Camb.,  
Fellow of the Sanitary Institute, President of  
the Worcestershire and Herefordshire  
Branch of the British Medical Association,  
and Vice-President of the Midland Branch  
of the Society of Medical Officers of  
Health.

COUNTY HALL, WORCESTER,  
*August 1895.*

SYNOPSIS  
OF  
ANNUAL REPORTS.



*Bewdley Urban District.*

*Note by County Medical Officer.*

Mr. Webster reports that epidemics of Scarlet Fever (57 cases, 0 death) and Measles (200 cases, probably, 4 deaths) occurred in the Borough during the year, and advises that steps should be taken to demolish many uninhabited houses in Sandy Bank under Section 33 of the Housing of the Working Classes Act 1890.

It should be noted that Scarlet Fever also occurred in the Borough in 1893, and that the Corporation have no Isolation Hospital. I presented a report as to the insanitary condition of the Borough on 27th April 1895, in which this question, *inter alia*, is dealt with.

Area in acres, 2,105.

Population 1881	...	3,088.
"    1891	...	2,876.
Decrease 1881-91	...	212.
Estimated Population 1894,		2,900.

Name of Medical Officer of Health, TREVOR WEBSTER.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
41	57	98	21	23	44	13	8	1	1	12	9

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup ("not Spasmodic").	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
	4								1							1	3	2	6	8		19

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 33.7.	Death Rate, 15.1.
(a) Zymotic Death Rate, 1.7.	(b) Inf. Mortal, 13.2.
Phthisis Death Rate, 1.0.	Resp. Death Rate, 2.7.
Smallpox Death Rate, 0.0.	Measles Death Rate, 1.3.
Scarlatina Death Rate, 0.0.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, 0.0.	(c) Fever Death Rate, 0.0.
Diarrhoea Death Rate, 0.34.	Cancer Death Rate, 0.34.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.
- (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.
- (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.



## Bewdley Urban District.

## VITAL STATISTICS.

	Average for the Years 1883 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	27.5	33.7	29.5	36.6	26.1	19.3	27.0	27.3	27.1	26.7	26.1	24.6	26.2		
Total death rate per 1,000 of the population -	16.0	15.1	17.5	16.1	21.6	16.2	11.8	14.3	14.0	16.0	20.3	12.6	16.8		
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	1.2	1.7	0.0	0.0	.3	.3	1.2	1.8	1.2	1.5	5.2	1.2	.9		
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period -	142	132	93	94	266	146	128	279	103	115	141	114	95		

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ..		Very prevalent	57				3	
Deaths ...		4						
Hospital Cases								
„ Deaths								

Diseases prevalent :—Scarlatina and Measles.

Period :—Spring, Autumn, Winter.

Schools closed :—Public Elementary Schools.

*Bewdley Urban District.*

Sanitary Inspection -	
Accommodation -	Various improvements made. The demolition of dilapidated and uninhabited houses at Sandy Bank again recommended.
Drainage -	
Highways -	Several improvements made.
Supply -	Fair.
Waste Disposal -	
Sanitary -	Satisfactory. Carried out by Corporation.
Grounds and Turf-pits -	Satisfactory.
Boats -	Regularly inspected.
Houses -	Inspected and satisfactory.
Water-houses -	Public abattoir recommended.
Public Lodging- houses -	
Private Lodging- houses -	
Stables, Cowsheds and Workshops -	Regularly inspected and satisfactory.
Public Trades -	None.
Inspection of Food and Drugs -	No case.
Buildings unfit for Human Consumption -	
Sanitary Laws -	Duly carried out.
Pollution -	Said to be slight and not increasing.
Industries -	Agriculture, Horn-making, Brass Foundry, Basket, Carpet, and Rope making, Tannery.
Sheds and Tents -	
Residence of Gypsies and Hop Pickers -	Residents.
Public Houses and Work- shops -	
Annual Reports of Sanitary Authorities during the year of the Sanitary Acts -	May 26th, 1894, re Drainage of Tickenhill, and on the Death-rates of adjacent Boroughs. Efficiently carried out.
Sanitary Points -	

*Bromsgrove Country Urban District.*

*Note by County Medical Officer.*

Dr. Cameron Kidd reports "great improvement in the Vital Statistics . . . (which) . . . is largely due to the efforts . . . made . . . to improve . . . the people's dwellings and surroundings." . . . He also welcomes the action of the County Council in relation to "the new treatment of Diphtheria," and the formation of the Bromsgrove, Droitwich, and Redditch Hospital Committee.

Area in acres, 10,596.

Population 1881	...	4,853.
" 1891	...	5,072.
Increase 1881-91	...	219.
Estimated Population 1894		5,072.

Name of Medical Officer of Health, CAMERON KIDD, M.B., Lond :

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
65	70	135	37	32	69	20	8	2	1	20	18

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic")	Whooping Cough.	CONTINUED FEVERS.		Diarrhœa & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease	Injuries.	Other Diseases.
	1		1		2										5	1	3	6	10		40

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 26·2	Death Rate, 13·3.
(a) Zymotic Death Rate, '7.	(b) Inf. Mortal, 148.
Phthisis Death Rate, '19.	Resp. Death Rate, 1'7.
Smallpox Death Rate, 0'0.	Measles Death Rate, '19.
Scarlatina Death Rate, 0'0	Diphtheria Death Rate, '19.
Whooping Cough Death Rate, '38	(c) Fever Death Rate, 0'0.
Diarrhœa Death Rate, 0'0.	Cancer Death Rate, '9.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Bromsgrove Country Urban District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	31.2	26.2	35.3	30.9	28.7	31.5	31.3	31.4	31.1	36.3	38.4				
Total Death Rate per 1,000 of the population -	17.2	13.3	19.6	15.9	14.7	16.5	15.4	15.2	17.9	15.2	18.1	14.4	15.6	22.3	17.7
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	1.7	.7	1.7	1.6	2.3	2.5	1.0	.0	2.2	1.2	1.4	1.2	2.2	5.9	1.0
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	106	148	161	165	116	156	144	138	172	113	161	113			

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	2		14	2				
Deaths ...		1		1				
Hospital Cases	2		1					
„ Deaths								

Diseases prevalent :—

Period :—

Schools closed :—

*Bromsgrove Country Urban District.*

Systematic Inspection -	Carried out.
House Accommodation-	Much done to repair and cleanse faulty houses: that in the poorer neighbourhoods continues in a bad state.
Overcrowding - -	Many cottages with 2 bedrooms overcrowded.
Drainage - - -	Further improvements reported.
Water Supply - -	Efforts to improve wells at Catshill being made.
Excrement Disposal -	Manifestly improved.
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses - -	
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - - -	
Offensive Trades - -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - - -	
Bye-laws - - -	
River Pollution -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points -	

*Bromsgrove Town Urban District.*

*Note by County Medical Officer.*

Dr. Cameron Kidd notes "in the statistics unmistakable signs of improved Sanitary condition, . . . which is certainly greater in Sidemoor than elsewhere (and attributable) to the beneficial effect of the drainage system" (upon which I reported on March 14th, 1891).

Dr. Kidd also alludes to the formation of the Bromsgrove, Droitwich and Redditch Hospital District, by the County Council, "with very great pleasure."

Area in acres, 1,061.

Population 1881	...	7,960.
" 1891	...	7,934.
Decrease 1881-91	...	26.
Estimated Population 1894		7,934.

Name of Medical Officer of Health, CAMERON KIDD, M.B., Lond :

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
108	118	226	66	60	126	24	14	4	3	30	51

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
	1	1		1					6		1	1				6	11	6	21	13	1	57

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 28·4.	Death Rate, 15·8.
(a) Zymotic Death Rate, 1·0.	(b) Inf. Mortal 106.
Phthisis Death Rate, 1·3.	Resp. Death Rate, 3·4.
Smallpox Death Rate, 0·0.	Measles Death Rate, ·12.
Scarlatina Death Rate, ·12.	Diphtheria Death Rate, 0·0.
Whooping Cough Death Rate, 0·0.	(c) Fever Death Rate, 0·0.
Diarrhoea Death Rate, ·75.	Cancer Death Rate, ·75.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.  
 (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.  
 (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Bromsgrove Town Urban District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	32.6	28.4	35.1	30.8	31.3	31.0	32.1	31.5	32.1	35.5	33.2	34.1	31.5	34.9	33.1
Total Death Rate per 1,000 of the population -	20.7	15.8	20.1	25.8	18.7	19.4	17.3	19.2	23.8	22.8	20.3	20.1	19.2	23.4	17.5
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	2.3	1.0	4.0	1.1	1.7	3.6	2.0	.7	2.6	5.2	1.1	1.3	6.0	2.6	1.2
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	135	106	182	159	108	136	131	127	144	131	124	117	147	133	94

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	3		14		1	8	4	
Deaths ...		1	1		1		1	
Hospital Cases " Deaths	3							

Diseases prevalent:—Scarlet Fever.

Period:—October, November, December.

Schools closed:—None.

*Bromsgrove Town Urban District.*

Systematic Inspection -	Carried out.
House Accommodation -	Some improvements. 103 houses repaired and cleansed, but many in the poorer parts of the town almost unfit for habitation.
Overcrowding - -	
Sanitation - - -	Manifestly improved in Sidemoor.
Water Supply - -	60 samples examined, 19 found polluted, 8 wells closed, tap water laid on to 44 houses. Several polluted wells continue in use in spite of orders of Board.
Waste Disposal -	The existence of Privies near houses deplored, and substitution of W. C.'s advocated.
Vegeting - - -	Presents much difficulty. Supply of men and horses too small.
Public Grounds and Cemeteries - - -	
Public Boats - -	
Stables - - -	Clean.
Shed-houses - -	Many badly situated.
Common Lodging- houses - - -	
Private Lodging- houses - - -	
Stables, Cowsheds and Milkshops - - -	
Offensive Trades -	
Enforcement of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Sanitary laws - - -	Excellent if enforced.
Water Pollution - -	A considerable number of houses in the town discharge their slop water into the stream.
Factories - - -	
Circus and Tents - -	
Wool and Hop Pickers -	
Factories and Work- shops - - -	
Special Reports of I.O.H. during the year of Vaccination Acts - -	
Other points - - -	



*Droitwich Urban District.*

*Note by County Medical Officer.*

Dr. Roden again reports a high Death-rate (24·8) which, even when corrected by the exclusion of deaths among persons not belonging to the Borough, amounted to 19·9 in 1894.

No reference is this year made to the want of Byelaws, but I understand that none are yet in force, although the Town Clerk wrote the Clerk of the County Council on March 5th 1894, "that the subject of remodelling the Byelaws is receiving attention."

Area in acres, 1,705.

Population 1881, ... 3,761

" 1891, ... 4,021

Increase 1881-91, 260

Estimated Population 1894 4,110

Name of Medical Officer of Health, P. A. RODEN, M.B.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
58	56	114	52	50	102	16	14	1	3	26	42

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup. (not spasmodic)	Whooping Cough.	CONTINUED FEVERS.		Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
						Enteric or Typhoid.	Other or Doubtful.														
1							2								4	2	17	11			357

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 27·7.

Death Rate, 24·8.

(a) Zymotic Death Rate, 1·4.

(b) Inf. Mortal 14·0.

Phthisis Death Rate, ·5.

Resp. Death Rate, 4·2.

Smallpox Death Rate, ·25.

Measles Death Rate, 0·0.

Scarlatina Death Rate, ·5.

Diphtheria Death Rate, 0·0.

Whooping Cough Death Rate, 0·0.

(c) Fever Death Rate, ·5.

Diarrhoea Death Rate, ·25.

Cancer Death Rate, 1·0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Droitwich Urban District.

## VITAL STATISTICS.

	Average for the Years 1890 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	30.2	27.7	31.5	30.5	29.2	31.7									
Total death rate per 1,000 of the population. -	22.3	24.8	21.8	20.5	22.2	21.7									
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population. -	.9	1.4	1.7	0.0	.9	.5									
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	151	140	126	139	211	141									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	4		10	1		2		
Deaths ...	1		2			2		
Hospital Cases	4		6					
„ Deaths	1							

Diseases prevalent :—Smallpox and Scarlatina.

Period :—Early part of year.

Schools closed :—None.

*Droitwich Urban District.*

Systematic Inspection -	
House Accommodation -	5 cottages closed as unfit for habitation.
Overcrowding - - -	Two cases abated.
Drainage - - -	
Water Supply - - -	Constant and advantageous to Drains and Sewers.
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - - -	
Canal Boats - - -	Number passing through Droitwich very small.
Bakehouses - - -	
Slaughter-houses -	
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - - -	
Offensive Trades -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumpton - - -	
Bye-laws - - -	
River Pollution - - -	
Industries - - -	
Vans and Tents - - -	
Fruit and Hop Pickers -	
Factories and Work-shops - - -	
Special Reports of M.O.H.during the year	
Vaccination Acts -	
Other points - - -	

*Evesham Urban District.*

*Note by County Medical Officer.*

As anticipated, scheduling Measles as a "notifiable" disease was not entirely successful in warding off the disorder, but seems to have averted fatality, inasmuch as the mortality in 1894 was only '51 (50 cases, 3 deaths), as compared with 2'7 in 1893. The popularity of the Isolation Hospital still continues, as of 14 cases of Smallpox, Scarlatina and Diphtheria notified, 13 were treated there.

Additional Sewage Outfall Works have been completed at a cost of £2,000. No new house-drains or waste-pipes are allowed until they respectively stand water and smoke tests. Special attention is directed to responsibilities imposed by the Factories and Work shops Act 1891.

Area in acres, 2,265.

Population 1881	...	5,112.
"    1891	...	5,836.
Increase 1881-91	...	724.
Estimated Population 1894		5,836.

Name of Medical Officer of Health, G. H. FOSBROKE, D.P.H., Camb.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
91	93	184	45	34	97	18	15	2	2	13	29

MORTALITY FROM SUBJOINED CAUSES.

	CONTINUED FEVERS.			Diarrhoea & Dysentery	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
	Smallpox.	Measles.	Scarlatina.														
1	3	1	2	3		1	1				1	4	5	10	7		40

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 31'5.	Death Rate, 13'5.
(a) Zymotic Death Rate, 1'3.	(b) Inf. Mortality, 97.
Phthisis Death Rate, '60.	Resp. Death Rate, 2'5.
Smallpox Death Rate, '17.	Measles Death Rate, '51.
Scarlatina Death Rate, 0'0.	Diphtheria Death Rate, '17.
Whooping Cough Death Rate, '51.	(c) Fever Death Rate, 0'0.
Diarrhoea Death Rate, 0'0.	Cancer Death Rate, '17.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.
- (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.
- (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Evesham Urban District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	32.7	31.5	32.3	30.3	31.0	31.2	35.3	39.6	31.2	31.7	33.3	32.2	34.9	32.2	32.2
Total Death Rate per 1,000 of the population -	15.3	13.5	12.6	18.1	16.2	14.1	14.7	16.5	17.9	12.8	14.7	15.4	16.0	18.9	13.3
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	1.7	1.3	.5	3.5	1.1	.5	2.6	.7	3.0	2.6	.0	1.3	1.5	4.6	.9
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period -	102	97	95	163	82	144	80	81	164	108	57	78	101	120	72

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	2	50	6	6		1	9	
Deaths ...		3						
Hospital Cases	2		6	5				
„ Deaths								

Diseases prevalent :--

Period :—

Schools closed :—

*Evesham Urban District.*

Sanitary Inspection -	Survey sheets examined by Committee monthly.
Accommodation -	23 houses erected.
Dwelling - - -	Considerable. As cottages at low rentals needed.
Water - - -	Outfall works completed at cost of £2000.
Water Supply - - -	Will shortly be augmented, magnificent springs having been acquired.
Waste Disposal -	Only 6 Midden Closets now remain.
Refuse - - -	Duly carried out by authority.
Public Grounds and Quarries - - -	
Boats - - -	
Public Houses - - -	Inspected.
Public Houses - - -	Complaints received. Inspector urged to keep watchful eye upon them, particularly during summer.
Public Lodging- houses - - -	Inspected.
Public Lodging- houses - - -	None.
Public Buildings, Cowsheds and shops - - -	Inspected.
Public Buildings, Trade - - -	None.
Public Buildings, Food and Drugs - - -	
Public Buildings, Unfit for Human Consumption - - -	None seized. Inspector urged to be vigilant.
Public Buildings, Dogs - - -	Excellent.
Public Buildings, Pollution - - -	
Public Buildings, Public Houses - - -	
Public Buildings, Public Houses and Tents - - -	
Public Buildings, Public Houses and Hop Pickers - - -	
Public Buildings, Public Houses and Workshops - - -	Special attention called to responsibilities imposed by Factory and Workshops Act 1891.
Public Buildings, Annual Reports of D.H. during the year Sanitation Acts - - -	
Public Buildings, Public Houses and Workshops - - -	

## Kidderminster Urban District.

## Note by County Medical Officer.

Mr. Corbet states that "Scarlet Fever . . . has continued with us from last year and has been confined to no particular part of the Borough (Cases, 318; Death, 1)." He also reports that during the year "A Hospital for Smallpox, with four beds, has been erected at a safe distance from the Scarlet Fever wards."

286 cases of Scarlatina and 6 of Smallpox were treated in the Borough Hospital—of the former, 24 belonged to Stourport, 60 to Kidderminster Rural District, and 9 to the Workhouse.

Mr. Corbet's Report includes a comprehensive one by the Sanitary Inspector (Mr. Cowderoy), several details of which are included in my Synopsis. Mr. Cowderoy also submits a Meteorological Report of considerable interest.

Area in acres, 1,213.

Population 1881 . . . 24,270.

" 1891 . . . 24,803.

Increase 1881-91 . . . 533.

Estimated Population 1894 25,000.

Name of Medical Officer of Health, DAVID CORBET.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
330	311	641	199	192	391	78	32	15	20	130	116

## MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
							Enteric or Typhoid.	Other or Doubtful.															
	15	1	4	4			1			4	1	4				18	22	70	34	6	207		

## MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 25·6.

Death Rate, 15·6.

(a) Zymotic Death Rate, 1·0.

(b) Inf. Mortal, 121.

Phthisis Death Rate, ·8.

Resp. Death Rate, 2·7.

Smallpox Death Rate, 0·0.

Measles Death Rate, ·6.

Scarlatina Death Rate, ·04.

Diphtheria Death Rate, ·16.

Whooping Cough Death Rate, 0·0

(c) Fever Death Rate, ·04

Diarrhoea Death Rate, ·16.

Cancer Death Rate, ·7.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Kidderminster Urban District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	29.0	25.6	26.7	26.9	25.1	26.5	26.0	28.3	30.4	26.1	29.7	31.1	33.5	35.0	35.4
Total Death Rate per 1,000 of the population -	17.7	15.6	17.2	19.1	18.1	17.2	16.8	17.0	16.9	17.6	19.8	19.7	18.1	20.0	14.8
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	1.5	1.0	1.5	1.9	1.4	1.1	.9	.5	1.1	1.2	1.4	3.5	1.6	2.4	
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	150	121	145	160	131	184	146	140	160	143	136	190	143	154	

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	6	878	318	26	5	8	61	
Deaths ...		15	1	4	4	1	4	
Hospital Cases	6		202					
„ Deaths			4					

Diseases prevalent :—Scarlet Fever, Measles.

Period :—

Schools closed :—



*Kidderminster Urban District.*

Systematic Inspection -							
House Accommodation-							
Overcrowding - - -							
Drainage - - -							
Water Supply - - -	Continued satisfactory.						
Excrement Disposal -	Privies and ashpits cleansed, 38,689.						
Scavenging - - -	7,614 loads of refuse removed.						
Burial Grounds and Mortuaries - - -							
Canal Boats - - -	244 inspected.						
Bakehouses - - -	Inspected 51 and found clean.						
Slaughter-houses - -	Inspected 27 and found clean.						
Common Lodging-houses - - -	A new one added to register. All 7 inspected and found clean.						
Tenement Lodging-houses - - -							
Dairies, Cowsheds and Milkshops - - -	Inspected 85 and found clean.						
Offensive Trades - -							
Sale of Food and Drugs Acts - - -	A higher proportion of certificates marked "Genuine" returned by Borough Analyst.						
Food unfit for Human Consumption - - -							
Bye-laws - - -							
River Pollution -							
Industries - - -							
Vans and Tents - - -							
Fruit and Hop Pickers -							
Factories and Workshops - - -	Workshops inspected and found clean.						
Special Reports of M.O.H. during the year							
Vaccination Acts - - - July 1893, to June 1894	No. of Births	No. Vaccinated	Dead unvaccinated	Insuscep. of vaccination	Postponed	Removed	Objectors
	746	638	66	12	10	5	2
Other points -							

*Malvern Urban District.*

*Note by County Medical Officer.*

By the sudden death of Dr. Dawson, which occurred in the early part of this year (1895), I regret that the Town of Malvern lost an energetic and able officer, and I a most agreeable colleague.

The late Dr. Dawson states in his Annual Report that "The history of Malvern has been signalised during the past year (1894) by two events—the addition to its area of the outlying localities of "The Wyche and Poolbrook . . . . and the successful completion of "the new Waterworks."

Dr. Dawson submitted certain Statistics for Poolbrook and The Wyche, but as these only apply to nine months of the year I have omitted them from the following Tables.

Area in acres, 1,386.

Population 1881	...	5,846.
"    1891	...	6,107.
Increase 1881-91	...	261
Estimated Population 1894		6,185.

Name of Medical Officer of Health, W. H. DAWSON, M.B.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
44	47	91	38	47	85	16	3	7	4	18	37

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
						Typhus.	Enteric or Typhoid.	Other or Doubtful.														
																5	5	16	3	10	6	37

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 14·7	Death Rate, 13·7.
(a) Zymotic Death Rate, ·4.	(b) Inf. Mortality, 175.
Phthisis Death Rate, ·8.	Resp. Death Rate, 3·0.
Smallpox Death Rate, 0·0.	Measles Death Rate, 0·0.
Scarlatina Death Rate, 0·0.	Diphtheria Death Rate, ·32.
Whooping Cough Death, 0·0.	(c) Fever Death Rate, ·16.
Diarrhoea Death Rate, 0·0.	Cancer Death Rate, ·8.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.
- (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.
- (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Malvern Urban District.

## VITAL STATISTICS.

	Average for the Years 1885 to 1893 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	14.0	14.7	15.3	15.6	14.4	14.4	10.0								
Total death rate per 1,000 of the population -	11.9	13.7	11.6	14.8	10.6	12.5	10.1	12.0	10.6	12.1	11.3				
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	.4	.4	.3	.6	.5	.3									
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period -	130	175	84	115	79	200									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..	1	34	22	7		2	8	2
Deaths ... ..				2		1		
Hospital Cases								
„ Deaths								

Diseases prevalent:—Scarlatina.

Period:—Throughout the Year.

Schools closed:—None.

*Malvern Urban District.*

Systematic Inspection -	A house to house survey has been completed.
House Accommodation -	Some cottage property in northern portion of district, requires to be put in a more satisfactory condition.
Overcrowding - -	Not common.
Sanitation - - -	Extended work carried out at the College.
Water Supply - -	New waterworks, having a reservoir with storage capacity of 44,500,000 gals. completed.
Waste Disposal -	
Drainage - - -	Excellent.
Public Grounds and Cemeteries - -	
Public Boats - -	
Warehouses - - -	Inspected and Bye-laws enforced.
Workshop-houses -	Inspected and Bye-laws enforced.
Common Lodging- houses - - -	None.
Private Lodging- houses - - -	None.
Stables, Cowsheds and Milkshops - -	Inspected.
Offensive Trades -	None.
Control of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	None.
Bye-laws - - -	
Water Pollution - -	
Industries - - -	
Circus and Tents - -	
Waggon and Hop Pickers -	
Factories and Work- shops - - -	
Special Reports of L.O.H. during the year	On sewer-flushing and house-refuse disposal.
Vaccination Acts - -	Well enforced.
Other points - - -	

*Malvern Link Urban District.*

*Note by County Medical Officer.*

Mr. Weir presents a brief Report as he does not "deem it necessary to add more, owing to the numerous enquiries held by the County Council."

Area in acres, 1,147.

Population 1881, ... 4,155

" 1891, ... 4,589

Increase 1881-91, 434

Estimated Population 1894 5,000

Name of Medical Officer of Health, ARCHIBALD M. WEIR.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
62	50	112	35	35	70	12	1	1	4	26	26

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup. (not spasmodic?)	Whooping Cough.	Typhus.	CONTINUED FEVERS.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
							Enteric or Typhoid.	Other or Doubtful.															
				1													3	10	6	5	11	2	32

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 22·4	Death Rate, 14·0.
(a) Zymotic Death Rate, ·2.	(b) Inft. Mortal, 107.
Phthisis Death Rate, 2·0.	Resp. Death Rate, 2·2.
Smallpox Death Rate, 0·0.	Measles Death Rate, 0·0.
Scarlatina Death Rate, 0·0.	Diphtheria Death Rate, ·2.
Whooping Cough Death Rate, 0·0.	(c) Fever Death Rate, 0·0.
Diarrhoea Death Rate, 0·0.	Cancer Death Rate, 0·6.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Malvern Link Urban District.

## VITAL STATISTICS.

	Average for the Years 1887 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	23.4	22.4	24.5	21.5	25.2										
Total death rate per 1,000 of the population. -	12.6	14.0	12.8	14.6	13.8	12.1	10.1	11.7	12.3						
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population. -	.7	.2	1.7	.4	.5										
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	105	107	69	117	141	94									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..			43	3		2	1	
Deaths ... ..				1				
Hospital Cases								
„ Deaths								

Diseases prevalent:—Scarlet Fever and Whooping Cough.

Period:—October.

Schools closed:—None.

*Malvern Link Urban District.*

Systematic Inspection -	Regularly and efficiently carried out.
House Accommodation -	Sufficient, rapidly increasing. Closing Order obtained for dilapidated cottag at Upper Howsell.
Overcrowding - -	2 cases dealt with.
Drainage - - -	2 ditches at Upper Howsell about to be dealt with. Mr. B. Lathom appointed to carry out a scheme.
Water Supply - -	Mr. B. Lathom appointed to carry out a scheme.
Excrement Disposal -	No Privies in existence.
Scavenging - - -	Public Scavenging recommended to be carried out.
Burial Grounds and Mortuaries - -	Well attended to.
Canal Boats - - -	None.
Bakehouses - - -	Regularly inspected.
Slaughter-houses -	1 regularly inspected. A Public Abattior under consideration.
Common Lodging-houses - - -	Well appointed.
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - -	Should recommend appointment of Inspector.
Offensive Trades - -	None.
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumpton - -	No cases.
Bye-laws - - -	Model Bye-laws of Local Government Board.
River Pollution - -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Work-shops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points - - -	

*Oldbury Urban District.*

*Note by County Medical Officer.*

Dr. Cunningham reports marked reduction in the general and Zymotic Death-rates, and especially in the Infantile Mortality. He discusses the distribution and causation of deaths in children under 1 year of age with great care, and the information he gives will be of considerable assistance to Dr. Dixey and me in connection with our Inquiry on the Infantile Mortality of Worcestershire, upon which we are now engaged.

Dr. Cunningham mentions that the Isolation Hospital has been of great service in controlling occasional cases of Smallpox.

Delay appears to have arisen in sewerage some portions of the town, owing to difficulties and expense. Paving of all yards with impervious material is advocated. Subsidence has hindered active operations for improving the Sewage Farm, but in spite of the "minor improvements effected," Dr. Cunningham urges that the "alterations . . . referred to in his last Report" ought to be proceeded with.

Area in acres, 1,597.

Population 1881	...	19,283.
" 1891	...	20,348.
Increase 1881-91	...	1,065.
Estimated Population 1894,		21,000.

Name of Medical Officer of Health, ANDREW CUNNINGHAM, M.B. C.M.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.						
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	
415	418	833	176	173	349	144	57	12	20	76	40	

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup ("not Spasmodic")	Whooping Cough.	CONTINUED FEVERS.		Diarrhoea & Dysentery	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
		1	1	2	7	Enteric or Typhoid.	Other or Doubtful.	14		2					7	13	28	48	17	9	196

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 39·6	Death Rate, 16·1.
(a) Zymotic Death Rate, 1·2.	(b) Inf. Mortal, 172.
Phthisis Death Rate, ·6.	Resp. Death Rate, 3·6.
Smallpox Death Rate, 0·0.	Measles Death Rate, 0·0.
Scarlatina Death Rate, ·04	Diphtheria Death Rate, ·04.
Whooping Cough Death Rate, ·3.	(c) Fever Death Rate, ·19.
Diarrhoea Death Rate, ·6.	Cancer Death Rate, ·3.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.



## Oldbury Urban District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	40.9	39.6	40.4	43.3	44.4	35.3	37.5	38.2	40.9	43.8	43.1		44.2		
Total Death Rate per 1,000 of the population -	21.7	16.1	22.8	24.6	23.6	20.8	18.4	22.3	20.5	19.5	29.0	21.1	22.3	21.2	20.8
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	2.3	1.2	3.1	1.9	2.2	2.4	2.8	2.4	2.5	2.2	2.7	2.6	2.7	2.3	2.0
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	196	172	217	215	199	226	166	208	200	190	174				

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	14		29	1	2	7	11	
Deaths ...			1	1	2	4		
Hospital Cases	14							
„ Deaths								

Diseases prevalent :--

Period :—

Schools closed :—

*Oldbury Urban District.*

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Sanitary Inspection -	Thoroughly carried out. Great improvements effected.
Accommodation -	Many houses in bad repair, filthy and unwholesome have been put in order.
Scavenging - - -	
Drainage - - -	Portion of the Town not yet sewered, owing to difficulties and expense, but question under consideration.
Water Supply - - -	Careful examination of all well water made and if found polluted, tap water laid on. 25 wells closed, 126 houses supplied with tap water.
Waste and Rubbish Disposal -	New system of ashpits properly constructed and covered over.
Public Cleansing - - -	Done by contract, which is the most convenient means at present. Vastly improving.
Public Parks, Grounds and Pleasure Grounds - - -	
Canal Boats - - -	General improvement in appearance of the 160 Canal Boats inspected.
Public Houses - - -	Under constant supervision.
Public Entertainment-houses - - -	Inspected.
Public Lodging-houses - - -	
Private Lodging-houses - - -	
Stables, Cowsheds and Piggeries - - -	A code of regulations advised.
Public and Private Trades - - -	
Regulation of Food and Drugs - - -	
Food unfit for Human Consumption - - -	
Public Nuisances - - -	
Water Pollution - - -	
Public Streets - - -	
Public Markets and Tents - - -	
Public Markets and Hop Pickers - - -	
Public Buildings, Factories and Workshops - - -	
Annual Reports of Sanitary Authorities during the year - - -	
Sanitary Acts - - -	
Sanitary Committees - - -	
Sanitary Points - - -	

*Redditch Urban District.*

*Note by County Medical Officer.*

Dr. Morton states that the Death-rate (11·0) is the most favourable one recorded; the Zymotic rate (·9) has never been so low since 1881, and the Infantile Mortality only reached 78 as compared with 172 in 1893.

Building operations "still go on briskly, and the consequence is "an emptying of the more squalid parts of the town." Complaints as to night soil removal have been met by purchase of a new cart.

Area in acres, 888.

Population 1881	...	9,961.
" 1891	...	11,295.
Increase 1881-91	...	1,324.
Estimated Population 1894		11,630.

Name of Medical Officer of Health, EDWIN MORTON, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15	15 and under 25.	25 and under 65	65 and upwards.
181	149	330	70	59	129	26	17	5	10	47	24

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.			Diarrhœa & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease	Injuries.	Other Diseases.
						Enteric or Typhoid.	Other or Doubtful.															
	7				1				3						5	19	6	18	5	2	63	

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 28·3.

Death Rate, 11·0.

(a) Zymotic Death Rate, ·9.

(b) Inf. Mortal, 78.

Phthisis Death Rate, 1·6.

Resp. Death Rate, 2·0.

Smallpox Death Rate, 0·0.

Measles Death Rate, ·6.

Scarlatina Death Rate, 0·0.

Diphtheria Death Rate, 0·0.

Whooping Cough Death Rate, ·08.

(c) Fever Death Rate, 0·0.

Diarrhœa Death Rate, ·2.

Cancer Death Rate, ·4.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

VITAL STATISTICS.

	Average for the Years 1881 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	34.0	28.3	33.7	33.8	33.7	31.2	35.0	34.1	31.3	34.2	33.5	37.3	36.1	35.6	38.7
Total Death Rate per 1,000 of the population -	17.0	11.0	17.8	17.7	17.6	15.0	18.9	19.4	19.1	16.8	18.7	16.0	16.3	18.8	14.9
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	1.9	.9	2.2	1.7	2.2	1.1	2.4	2.7	3.1	1.1	2.9	1.7	1.4	3.3	.4
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	154	78	172	203	169	120	159	203	189	126	164	148	134	181	124

CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...			14	4		7	10	1
Deaths ...		7						
Hospital Cases								
„ Deaths								

Diseases prevalent :—Measles and Scarlatina.

Period :—None special.

Schools closed :—

*Redditch Urban District.*

Systematic Inspection -	Regularly carried out.
House Accommodation-	Building operations still go on briskly.
Overcrowding - -	No case reported.
Drainage - - -	In good condition.
Water Supply - -	East Worcestershire Waterworks has been resorted to in 56 instances and tap water laid on.
Excrement Disposal -	Much the same.
Scavenging - - -	Done regularly.
Burial Grounds and Mortuaries - -	No complaint. No public mortuary.
Canal Boats - - -	Do not affect this district.
Bakehouses - - -	36 in good condition.
Slaughter-houses - -	3 systematically inspected.
Common Lodging-houses - - -	3 systematically inspected.
Tenement Lodging-houses - - -	None.
Dairies, Cowsheds and Milkshops - - -	33 Dairies, 18 Cowsheds and 32 Milkshops, all in good order.
Offensive Trades - -	Nuisance caused by bone burning abated.
Sale of Food and Drugs Acts - - -	No case under notice.
Food unfit for Human Consumption - - -	
Bye-laws - - -	In process of alteration.
River Pollution -	
Industries - - -	
Vans and Tents - -	Do not affect district.
Fruit and Hop Pickers -	
Factories and Work-shops - - -	Generally in good order.
Special Reports of M.O.H. during the year	
Vaccination Acts - -	No returns.
Other points - -	

*Stourbridge Urban District.*

*Note by County Medical Officer.*

Dr. Eagar reports a low Death-rate (13·1), and mentions that Infantile Mortality of 1894 (132) confirms the opinion he expressed in his Special Report on that subject to the effect that the high mortality (257) of the previous year "was accidental." The adoption of the Infectious Disease Notification Act on 30 April 1894, enables him to give a complete record of such cases for two-thirds of the year.

Area in acres, 453.

Population 1881	...	9,757.
" 1891	...	9,386.
Decrease 1881-91	...	371
Estimated Population 1894	10,200.	

Name of Medical Officer of Health, ROBERT EAGAR, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
150	137	287	66	68	134	38	14	3	2	36	41

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
						Typhus.	Enteric or Typhoid.	Other or Doubtful.														
	3		1		1		1		1						4	9	9	14	13	5	73	

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 28·1.	Death Rate, 13·1.
(a) Zymotic Death Rate, ·6.	(b) Inf. Mortal 132.
Phthisis Death Rate, ·8.	Resp. Death Rate, 2·2.
Smallpox Death Rate, 0·0.	Measles Death Rate, ·2.
Scarlatina Death Rate, 0·0.	Diphtheria Death Rate, ·09.
Whooping Cough Death Rate, ·09.	(c) Fever Death Rate, ·09.
Diarrhoea Death Rate, ·09.	Cancer Death Rate, ·3.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.
- (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.
- (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Stourbridge Urban District.

## VITAL STATISTICS.

	Average for the Years 1882 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	28.8	28.1	31.8	31.1	34.3	29.9	28.7	26.1	31.9	34.2	30.2	32.6	30.5	33.1	
Total death rate per 1,000 of the population. -	17.3	13.1	19.7	17.3	18.4	15.3	15.3	15.6	18.5	17.1	18.7	15.1	20.9	20.3	
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population. -	1.6	.6	1.3	.1	.04	1.9	1.5	.5	1.8	2.5	1.8	2.8	3.0	3.4	
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	172	132	257	180	96	195									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Group.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..	1		11	1		2	2	
Deaths ... ..		3		1		1		
Hospital Cases								
„ Deaths								

Diseases prevalent :—Measles.

Period :—Early in the year.

Schools closed :—None.

*Stourbridge Urban District.*

Systematic Inspection -	Carried out.
House Accommodation -	Sufficient, 7 houses closed as unfit for habitation.
Overcrowding - -	8 cases abated.
Drainage - - -	Complete system in existence, great attention paid to flushing.
Water Supply -	Waterworks in existence, 8 wells closed and tap water laid on.
Refuse Disposal -	Midden system prevails and where found insanitary W.C.'s ordered, or made sanitary.
Scavenging - - -	Efficient.
Public Grounds and Cemeteries - - -	
Public Boats - -	
Workhouses - - -	30 whitewashed twice a year.
Public-houses -	
Common Lodging- houses - - -	3 well kept.
Private Lodging- houses - - -	13 all sanitary.
Dairies, Cowsheds and Milkshops - - -	16 Dairies, 18 Cowsheds and 16 Milkshops, all clean.
Offensive Trades -	None.
Execution of Food and Drugs Acts - - -	Samples of milk sent to County Analyst pronounced pure.
Food unfit for Human Consumption - - -	One conviction for bad fish.
By-laws - - -	Code adopted 5 years ago.
Water Pollution -	
Factories - - -	Parchment works, 2 rug works, 8 spade and shovel works, 28 other works regularly inspected.
Circus and Tents -	
Wool and Hop Pickers -	
Factories and Work- shops - - -	
Special Reports of I.O.H. during the year	
Vaccination Acts - -	Sufficiently carried out.
Other points - - -	



*Stourport Urban District.*

*Note by County Medical Officer.*

Mr. Stanley Robinson points out that the Infantile Mortality (86) "is considerably less than half that of last year" (192).

"Throughout the whole of the year Scarlet Fever has been "prevalent in the district" (43 cases, 26 treated in hospital, 1 death).

Adverting to my report on Stourport Sanitation, dated 29 July 1893, and more particularly as to the Sewage pollutions of the rivers Severn and Stour, the Medical Officer of Health mentions that the Engineer (Mr. Willcox, C.E.), consulted by the Local Authority, has reported that "it is necessary that the district be re-drained, and "that some arrangement be made for the purification of the Sewage "before it is poured into the rivers," and "further suggests the "annexation of Upper Mytton, including New Town, for inclusion "in the drainage scheme." As Sewerage is much required at Upper Mytton (*vide* my Report of 29 July 1893), this latter suggestion is worthy of careful consideration.

Mr. Robinson again reports that in summer time the excrement disposal is the cause of nuisance.

Area in acres, 981.

Population 1881,	...	3,358
" 1891,	...	3,504
Increase	1881-91,	146
Estimated Population	1894	3,546

Name of Medical Officer of Health, E. STANLEY ROBINSON.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
55	38	93	28	28	56	8	8	3	2	17	18

MORTALITY FROM SUBJOINED CAUSES.

	CONTINUED FEVERS.		Diarrhœa and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
	Enteric or Typhoid.	Other or Doubtful.														
Smallpox.																
Measles.																
Scarlatina.																
Diphtheria.																
Croup (not spasmodic)																
Whooping Cough.																
Typhus.																
Enteric or Typhoid.																
Other or Doubtful.																
Diarrhœa and Dysentery.																
Cholera.																
Rheumatic Fever.																
Erysipelas.																
Pyæmia.																
Puerperal Fever.																
Ague.																
Cancer.										3						
Phthisis.										3						
Pneumonia.										2						
Bronchitis & Pleurisy										1						
Heart Disease.										4						
Injuries.										1						
Other Diseases.										38						

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 26·2.	Death Rate, 15·7.
(a) Zymotic Death Rate, 1·1.	(b) Inf. Mortal 86.
Phthisis Death Rate, ·8.	Resp. Death Rate, ·8.
Smallpox Death Rate, 0·0.	Measles Death Rate, ·84.
Scarlatina Death Rate, ·28.	Diphtheria Death Rate, 0·0.
Whooping Cough Death Rate, 0·0.	(c) Fever Death Rate, 0·0.
Diarrhœa Death Rate, 0·0.	Cancer Death Rate, ·84.

(a) Includes Smallpox, Measles, Scarletina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Stourport Urban District.

## VITAL STATISTICS.

	Average for the Years 1889 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	28.3	26.2	24.3	27.5	33.1	30.5	28.5								
Total death rate per 1,000 of the population -	17.3	15.7	17.5	17.7	20.1	18.4	14.4								
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	1.0	1.1	1.1	.8	1.9	.8	.3								
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period -	151	86	192	183	145	183	120								

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..			43		1		4	
Deaths ... ..		3	1				1	
Hospital Cases			26					
„ Deaths								

Diseases prevalent :—Scarlet Fever and Measles.

Period :—All the year.

School closed :—December 9th to 31st.

*Stourport Urban District.*

Systematic Inspection -	Regularly carried out.
House Accommodation -	Sufficient, but not altogether satisfactory
Overcrowding - -	
Drainage - - -	In need of attention.
Water Supply - -	Excellent, one well closed.
Excrement Disposal -	Numerous complaints in the summer of nuisance caused thereby.
Scavenging - - -	Satisfactory.
Burial Grounds and Mortuaries - -	Mortuary provided at Lyon Hill, not an ideal one.
Canal Boats - - -	Inspected and found satisfactory.
Bakehouses - - -	Several not clean, some in need of repair, but owner has promised that work shall be carried out.
Slaughter-houses -	Inspected and found satisfactory.
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - -	Inspected and found satisfactory.
Offensive Trades - -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Bye-laws - - -	Out of date, and should be thoroughly revised.
River Pollution - -	Is at present as bad as ever.
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points - - -	

*Alcester Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

This is now styled the Feckenham Rural District, and is co-terminous with the late Alcester Rural Sanitary District (Worcestershire Division). The solution of the Astwood Bank Water-supply difficulty has not yet been arrived at, although it has received earnest attention at the hands of the Local Authority, who desire to remove this long-standing insanitary condition. Negotiations have been resumed and are still going on with the East Worcestershire Co. to accomplish this desideratum.

Owing to changed administration, the remodelled Byelaws are not yet in force. Special prominence is given to the provisions of the Factory and Workshops Act 1891.

Area in acres, 16,429.

Population 1881	...	4,580.
„ 1891	...	5,744.
Increase 1881-91	...	1,164.
Estimated Population 1894	...	5,744.

Name of Medical Officer of Health, G. H. FOSBROKE, D.P.H., Camb.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
72	70	142	43	44	87	23	14	2	6	16	26

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	1
Measles.	
Scarlatina.	
Diphtheria.	
Croup ("not Spasmodic")	
Whooping Cough.	1
Typhus.	
Enteric or Typhoid.	
Other or Doubtful.	
Diarrhœa & Dysentery	
Cholera.	
Rheumatic Fever.	
Erysipelas.	
Pyæmia.	
Puerperal Fever.	
Ague.	
Cancer.	2
Phthisis.	11
Pneumonia.	18
Bronchitis & Pleurisy	7
Heart Disease.	7
Injuries.	1
Other Diseases.	39

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 24.7.	Death Rate, 15.1.
(a) Zymotic Death Rate, .34.	(b) Inf. Mortal, 161.
Phthisis Death Rate, 1.9.	Resp. Death Rate, 4.4.
Smallpox Death Rate, 0.0.	Measles Death Rate, .17.
Scarlatina Death Rate, 0.0.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, .17	(c) Fever Death Rate, 0.0
Diarrhœa Death Rate, 0.0.	Cancer Death Rate, .34.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.
- (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.
- (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Alcester Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years 1890 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	27.1	24.7	27.1	21.4	25.3	32.2									
Total Death Rate per 1,000 of the population -	13.5	15.1	14.4	12.8	10.7	14.7									
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	.7	.34	1.2	.4	.6	1.6									
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period -	137	161	115	140	131	141									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ..	3		27	3			3	
Deaths ..	1(a)							
Hospital Cases	3		25					
„ Deaths	1(a)							

(a) Occurred at Hertford Sanatorium (Alcester).

Diseases prevalent: -

Period:—

Schools closed:—

*Alcester Rural District (Worcestershire Division).*

atic Inspection -	Regularly carried out.
Accommodation -	Receives attention.
owding - -	3 cases abated.
ge - - -	Improvement to Feckenham drainage outfall undertaken.
Supply - -	Astwood Bank water question still under consideration. Negotiations have been resumed with the East Worcestershire Waterworks Co.
ient Disposal -	Improved.
ging - - -	Carried out at Astwood Bank.
Grounds and tuaries - -	
Boats - - -	None.
ouses - - -	12 inspected and whitewashed from time to time.
ter-houses -	7 inspected.
on Lodging- es - - -	None.
ient Lodging- es - - -	None.
s, Cowsheds and tshops - -	12 dairies, and 17 cowsheds duly inspected.
ive Trades -	None.
f Food and Drugs - - -	
unfit for Human sumption -	
ws - - -	The remodelled ones not yet in force.
Pollution -	
tries - - -	
and Tents -	
and Hop Pickers -	
ries and Work- ps - - -	Attention specially called to the provisions of the Factory and Workshops Act, 1891.
al Reports of D.H.during the year nation Acts -	
points - - -	

*Bromsgrove Rural District.*

*Note by County Medical Officer.*

Mr. Hobbes mentions that drainage questions are "under consideration in several instances," and that the water-supply is "good as a rule, but slightly defective in one or two cases," but does not say to which localities his remarks refer. Sanitary questions affecting Stoke Prior, Webheath, Clent, Blakedown and Pedmore have been discussed, but (so far as I know) not yet decided. As I pointed this out last year, I commend it to your consideration.

Area in acres, 38,227.

Population 1881	...	11,177.
" 1891	...	11,834.
Increase 1881-91	...	657.
Estimated Population 1894		12,100.

Name of Medical Officer of Health, JNO. LORD HOBBS.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
151	134	285	65	61	126	20	9	8	5	26	58

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
							Enteric or Typhoid.	Other or Doubtful.															
1	1	1		1			1			2		4					4	10	6	16	10	6	63

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 23·6.	Death Rate, 10·4.
(a) Zymotic Death Rate, ·49.	(b) Inf. Mortality, 70.
Phthisis Death Rate, ·8.	Resp. Death Rate, 1·8.
Smallpox Death Rate, ·07.	Measles Death Rate, ·07.
Scarlatina Death Rate, ·07.	Diphtheria Death Rate, 0·0.
Whooping Cough Death Rate, 0·0.	(c) Fever Death Rate, ·07.
Diarrhoea Death Rate, ·1.	Cancer Death Rate, ·3.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.
- (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.
- (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Bromsgrove Rural District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	24.6	23.6	24.5	22.8	27.0	25.5									
Total Death Rate per 1,000 of the population -	14.1	10.4	12.5	13.9	15.9	16.7	13.7	17.7	14.3	14.2	14.2	14.9	11.8	14.4	12.8
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	1.5	.49	1.2	.8	1.0	1.2	1.0	2.1	.8	1.6	.8	2.1	1.2	1.7	.8
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	105	70	99	99	102	157									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	15		36	4	1	1	4	
Deaths ...	1	1	1		1	1		
Hospital Cases	13							
„ Deaths								

Diseases prevalent:—Smallpox, Scarlet Fever and Measles.

Period:—During the whole Year.

Schools closed:—Bentley.



*Bromsgrove Rural District.*

Systematic Inspection -	Regularly carried out.
House Accommodation-	Generally good.
Overcrowding - - -	None.
Drainage - - -	Under consideration in several instances.
Water Supply - - -	Good as a rule, but slightly defective in one or two instances.
Excrement Disposal -	Satisfactory.
Scavenging - - -	None.
Burial Grounds and Mortuaries - - -	Satisfactory.
Canal Boats - - -	62 inspected.
Bakehouses - - -	5 inspected and satisfactory.
Slaughter-houses - - -	7 inspected and satisfactory.
Common Lodging-houses - - -	None.
Tenement Lodging-houses - - -	None.
Dairies, Cowsheds and Milkshops - - -	
Offensive Trades - - -	None.
Sale of Food and Drugs Acts - - -	None.
Food unfit for Human Consumption - - -	
Bye-laws - - -	
River Pollution -	
Industries - - -	
Vans and Tents - - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	Satisfactory.
Special Reports of M.O.H. during the year	
Vaccination Acts - - -	
Other points -	

*Bromyard Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

Dr. Sandford gives no separate statistics for Acton Beauchamp (population 216), the only Parish of the Bromyard Rural District situate in this County; nor does he associate himself with the County Notification of Disease, as all the other District Medical Officers of Health do. The same remark applies to Dr. Sandford's Worcestershire Parish (Mathon, population 379) in the Ledbury District, consequently for Sanitary purposes these two Parishes are associated with my "Digest of Annual Reports" merely in name.

I trust that inasmuch as moieties of Dr. Sandford's salaries are paid by the County Council, you will require him to supply a separate report, with statistics, for each of the "districts" in Worcestershire under his supervision.

Area in acres, 3,240.	
Population 1881	... 473
" 1891	... 417.
Decrease 1881-91	... 56
Estimated Population 1894	

Name of Medical Officer of Health, H. V. SANDFORD, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.		Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Aguc.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.	

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate,	Death Rate,
(a) Zymotic Death Rate,	(b) Inf. Mortality,
Phthisis Death Rate,	Resp. Death Rate,
Smallpox Death Rate,	Measles Death Rate,
Scarlatina Death Rate,	Diphtheria Death Rate,
Whooping Cough Death,	(c) Fever Death Rate,
Diarrhoea Death Rate,	Cancer Death Rate,

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

*Bromyard Rural District (Worcestershire Division).*

## VITAL STATISTICS.

	Average for the Years to in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -															
Total death rate per 1,000 of the population. -															
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population. -															
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -															

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..								
Deaths ... ..								
Hospital Cases " Deaths								

Diseases prevalent :—

Period :—

Schools closed :

*Bromyard Rural District (Worcestershire Division).*

Systematic Inspection -	
House Accommodation-	
Overcrowding - -	
Sanitation - - -	
Water Supply - -	
Waste Disposal -	
Drainage - - -	
Public Grounds and Cemeteries - -	
Public Boats - -	
Warehouses - - -	
Workshops - - -	
Common Lodging- houses - - -	
Private Lodging- houses - - -	
Stables, Cowsheds and Milkshops - -	
Manufacturing Trades -	
Control of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Sanitary Laws - - -	
Water Pollution - -	
Industries - - -	
Circus and Tents - -	
Plumbers and Hop Pickers -	
Workshops and Work- shops - - -	
Special Reports of S.O.H. during the year of Vaccination Acts - -	
Other points - - -	

## Clebury Mortimer Rural District (Worcestershire Division).

## Note by County Medical Officer.

The Parishes of Bayton, Mamble and Rock are now known as "Rock Rural District."

Dr. Thursfield reports that Scarlet Fever (38 cases, 1 death) was prevalent, and due to the attendance of some children at school.

An independent water-supply for the village of Bayton, long recommended by Dr. Thursfield, is about to be carried out.

Area in acres, 13,314.

Population 1881,	...	2,163
" 1891,	...	2,252
Increase	1881-91,	89
Estimated Population 1894		2,252

Name of Medical Officer of Health, W. N. THURSFIELD, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
		72			31	5	3	2		10	11

## MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not spasmodic).	Whooping Cough.	CONTINUED FEVERS.			Diarrhœa and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
						Enteric or Typhoid.	Other or Doubtful.															
		1															2	8	2	1	17	

## MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 31·9	Death Rate, 14·5.
(a) Zymotic Death Rate, '4.	(b) Inft. Mortal, 69.
Phthisis Death Rate, '7.	Resp. Death Rate, 3·1.
Smallpox Death Rate, 0·0.	Measles Death Rate, 0·0.
Scarlatina Death Rate, '4.	Diphtheria Death Rate, 0·0.
Whooping Cough Death Rate, 0·0.	(c) Fever Death Rate, 0·0.
Diarrhœa Death Rate, 0·0.	Cancer Death Rate, 0·0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

VITAL STATISTICS.

	Average for the Years 1890 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	29.6	31.9	27.9	29.0											
Total death rate per 1,000 of the population -	17.4	14.5	15.9	12.9	25.8	18.1									
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	1.7	.4	2.6	.9	3.7	.9									
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period -	109	69	80	178											

CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..			38	2				
Deaths ... ..			1					
Hospital Cases								
„ Deaths								

Diseases prevalent :—Scarlet Fever.

Period :—

Schools closed :—Rock and Far Forest.

*Cleobury Mortimer Rural District (Worcestershire Division).*

Systematic Inspection -	Carried out and 26 notices served.
House Accommodation -	Many cottages present some features of construction, conditions, or surroundings which, though objection may be taken, are not sufficiently tangible to be subject to the Public Health Act.
Overcrowding - -	
Drainage - - -	The drains of many houses imperfect.
Water Supply - -	Objectionable closets often in dangerous proximity to wells.
Excrement Disposal -	Closets generally of objectionable construction.
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses -	
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - - -	
Offensive Trades -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - - -	
Bye-laws - - -	
River Pollution -	
Industries - - -	
Vans and Tents -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts -	
Other points - - -	

*Droitwich Rural District*

*Note by County Medical Officer.*

Dr. Swete reports that Scarlet Fever (56 cases, 1 death) of mild type was prevalent.

He draws attention to the condition of the people living in tents or huts on Hartlebury Common, and states that the Ecclesiastical Commissioners have lately erected notices against such procedure. The adoption of Byelaws is advocated. Interesting Meteorological Returns are given. Dr. Swete, for the third time (to my knowledge), calls attention to defective drainage at Crowle and Stoke Works.

The want of Drainage at Upper Mytton is described in my report of 29 July 1893, but it does not seem practicable to deal with it, unless a comprehensive scheme to include Stourport is undertaken. The advisability of amalgamating these places is consequently in my opinion worth consideration. Stoke Works has been supplied with water from the East Worcestershire Waterworks mains.

Area in acres, 52,496.

Population 1881	...	13,737.
„ 1891	...	14,211.
Increase 1881-91	...	474.
Estimated Population 1894		14,562.

Name of Medical Officer of Health, HORACE SWETE, M.D., D.P.H., Camb.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
198	201	399	76	70	146	33	13	6	7	32	55

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup ("not Spasmodic")	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	Diarrhoea & Dysentery	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
1		1	1	1							1	2		2		8	6	19	21	6		77

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 28.0.	Death Rate, 10.2.
(a) Zymotic Death Rate, .2.	(b) Inf. Mortal 120.
Phthisis Death Rate, .4.	Resp. Death Rate, 1.3.
Smallpox Death Rate, .07.	Measles Death Rate, 0.0.
Scarlatina Death Rate, .07.	Diphtheria Death Rate, .07.
Whooping Cough Death Rate, 0.0.	(c) Fever Death Rate, 0.0.
Diarrhoea Death Rate, 0.0.	Cancer Death Rate, .56.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers. \*



*Droitwich Rural District.*

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	27.8	28.0	26.9	26.7	26.7	27.4	34.9	28.5	28.9	29.2	30.9	22.2	23.6	27.2	28.8
Total Death Rate per 1,000 of the population -	14.1	10.2	13.9	14.4	17.0	14.6	13.2	13.9	15.8	14.8	13.5	16.7	12.0	16.0	12.0
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	.9	.4	.9	.4	.2	.7	1.5	.5	1.0	1.2	.7	1.9	.8	2.5	.5
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	102	120	98	78	118	117	81	91	135	102	108	141		133	98

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ..	5		56	8	1		13	3
Deaths ...	1		1	1	1		2	2
Hospital Cases	1							
„ Deaths	1							

Diseases prevalent :—Smallpox and Scarlet Fever.

Period :—Year.

School closed :—Ombersley and Sytchampton.

*Droitwich Rural District.*

atic Inspection -	Regularly carried out.
Accommodation -	Generally sufficient.
owding - -	No case at present known of.
ge - - -	As reported last year, Crowle and Stoke Works require drainage.
Supply - -	35 samples analysed.
ment Disposal -	18 new privies built and 7 altered to dry earth system, 125 cesspits cleared.
ging - - -	None.
Grounds and tuaries - -	No further information.
Boats - - -	70 visited by Inspector.
ouses - - -	12 visited and found in good condition.
nter-houses - -	5 visited and found in good condition.
on Lodging- ses - - -	None.
ment Lodging- ses - - -	None.
s, Cowsheds and kshops - - -	Visited by Inspector.
sive Trades - -	None.
of Food and Drugs s - - -	Carried out by Police, but fresh arrangements made, by which Sanitary Officers may send samples for analyses free of charge.
unfit for Human nsumption - -	None.
aws - - -	
r Pollution - -	No further information.
stries - - -	Salt making, Agriculture, Brick making, Gloving, and Tin Plate Works.
and Tents - -	A nuisance on Hartlebury Common, but the Local Authority powerless to act.
t and Hop Pickers -	Entirely villagers.
ories and Work- ops - - -	
cial Reports of O.H.during the year	
ination Acts - -	
er points - - -	

*Evesham Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

The Drainage of Hampton is a source of serious pollution to the River Avon and an Engineer (Mr. Willcox, C.E.) is considering how the nuisance can be effectively dealt with. Preliminary borings in connection with the Evesham Villages Water Scheme having turned out satisfactorily, it has just (June, 1895) been decided to carry out the work. This decision, however, was not arrived at until after you took action upon a Petition presented to you, alleging that the Evesham Rural District Council had made default in the matter.

The Byelaws issued by the County Council have been adopted, and as they are now sanctioned by the Local Government Board, their enforcement seems imminent. Of 15 cases of Smallpox, Scarlet Fever and Diphtheria 11 were treated at the Sanatorium.

Special attention directed to the provisions of the Factory and Workshop's Act, 1891.

Area in acres, 28,088.

Population 1881 ... 7,091.

„ 1891 ... 7,142.

Increase 1881-91 ... 51.

Estimated Population 1894 7,142.

Name of Medical Officer of Health, G. H. FOSBROKE, D.P.H., Camb.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
106	112	218	56	34	90	16	4	2	5	20	43

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
				1					2		1					2	4	4	8	8	3	57

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 30.5

Death Rate, 12.6.

(a) Zymotic Death Rate, .28.

(b) Inf. Mortal, 73.

Phthisis Death Rate, .56.

Resp. Death Rate, 1.6

Smallpox Death Rate, 0.0.

Measles Death Rate, 0.0.

Scarlatina Death Rate, 0.0

Diphtheria Death Rate, 0.0.

Whooping Cough Death Rate, 0.0.

(c) Fever Death Rate, 0.0.

Diarrhoea Death Rate, .28.

Cancer Death Rate, .28.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Evesham Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years 1890 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	28.1	30.5	27.7	28.7	29.2	24.6									
Total death rate per 1,000 of the population. -	15.8	12.6	14.7	19.3	16.9	15.6									
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population. -	.8	.28	.1	1.9	.7	.5									
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	78	73	70	113	72	63									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	4		8	3			10	
Deaths ...								
Hospital Cases	4		6	1				
„ Deaths								

Diseases prevalent :—

Period :—

Schools closed :—

*Evesham Rural District (Worcestershire Division).*

Systematic Inspection -	Regularly carried out.
House Accommodation-	Fairly good.
Overcrowding - -	Not common.
Drainage - - -	Defective drainage at Hampton, under consideration.
Water Supply - -	The Evesham villages water supply about to be carried out.
Excrement Disposal -	Gradually improving.
Scavenging - - -	None.
Burial Grounds and Mortuaries - -	
Canal Boats - - -	None.
Bakehouses - - -	Satisfactory.
Slaughter-houses - -	Satisfactory.
Common Lodging-houses - - -	None.
Tenement Lodging-houses - - -	None.
Dairies, Cowsheds and Milkshops - - -	30 regularly inspected.
Offensive Trades - -	None.
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - - -	None.
Bye-laws - - - -	County Council Bye-laws adopted and their enforcement imminent.
River Pollution - -	River Avon is polluted by sewage at Hampton.
Industries - - - -	
Vans and Tents - - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	Special attention directed to provisions of Factories and Workshops Act, 189
Special Reports of M.O.H. during the year	
Vaccination Acts - - -	
Other points - - - -	

*Kidderminster Rural District (Kidderminster Division).*

*Note by County Medical Officer.*

Dr. Addenbroke's Report shows the Death Rate of the District is raised from 10·5 to 12·0, the Zymotic Rate from ·7 to 2·1, and the Scarletina Rate from 0·0 to 1·4 by 4 deaths which took place at the Isolation Hospital among persons not belonging to the District.

I again note that no Byelaws are in force. The District is said to be in good sanitary condition.

Area in acres, 9,482.		
Population 1881	...	2,289.
„ 1891	...	2,831.
Increase 1881-91	...	542.
Estimated Population 1894		2,831

Name of Medical Officer of Health, E. H. ADDENBROKE.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
40	34	74	21	13	34	5	3	4	4	10	8

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
		4	2													1	3	2			3	19

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 26·1.	Death Rate, 12·0. (d)
(a) Zymotic Death Rate, 2·1. (d)	(b) Inf. Mortal, 67.
Phthisis Death Rate, 1·0.	Resp. Death Rate, 1·7.
Smallpox Death Rate, 0·0.	Measles Death Rate, 0·0.
Scarlatina Death Rate, 1·4. (d)	Diphtheria Death Rate, ·7.
Whooping Cough Death Rate, 0·0. (c)	Fever Death Rate, 0·0.
Diarrhoea Death Rate, 0·0.	Cancer Death Rate, ·35.

- (a) Includes Smallpox, Measles, Scarletina, Diphtheria, Whooping Cough, Fever and Diarrhoea.  
 (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.  
 (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.  
 (d) These rates include 4 deaths in the Isolation Hospital among persons not belonging to the District.

## Kidderminster Rural District (Kidderminster Division).

## VITAL STATISTICS.

	Average for the Years 1890 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	26.0	26.1	25.4	26.1	26.4	26.2									
Total Death Rate per 1,000 of the population -	13.1	12.0	15.8	13.0	10.5	14.4									
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	1.5	1.4	4.2	1.0	.7	1.4									
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	95	67	69	121	93	126									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..	6		42	10	2	6		
Deaths ... ..			0	2				
Hospital Cases	6		31					
„ Deaths			4 (d)					

(d) These rates include 4 deaths in the Isolation Hospital among persons not belonging to the District.

Diseases prevalent :—Scarlatina.

Period :—Whole year.

Schools closed :—

*Kidderminster Rural District (Kidderminster Division).*

Systematic Inspection -	Carried out.
House Accommodation -	Generally good.
Overcrowding - -	No case arose.
Sanitation - - -	No important difficulty has arisen.
Water Supply - -	Very good.
Waste Disposal -	Varies.
Drainage - - -	
Public Grounds and Cemeteries - -	Satisfactory.
Public Boats - -	Regularly inspected.
Warehouses - - -	One. Well kept.
Workshop-houses -	One. Well kept.
Common Lodging- houses - - -	None.
Private Lodging- houses - - -	None.
Stables, Cowsheds and Milkshops - -	Well looked after.
Unsanitary Trades -	None.
Enforcement of Food and Drugs Acts - - -	No action.
Food unfit for Human Consumption - -	No case.
By-laws - - -	None in force.
Water Pollution - -	Practically none.
Industries - - -	Manufactories in Town, Agriculture.
Circus and Tents - -	None in District.
Wages of Fruit and Hop Pickers -	Residents.
Factories and Work- shops - - -	
Special Reports of I.O.H. during the year	
Vaccination Acts - -	Efficiently carried out.
Other points - - -	



*Kidderminster Rural District (Wolverley Division).*

*Note by County Medical Officer.*

Dr. Addenbroke had to close the Parochial Schools at Wolverley in January on account of Scarlatina, and the Cookley Schools in June because of Measles.

The District is said to be in good sanitary condition, and the drainage defects at Shorth Heath, referred to last year, have been satisfactorily remedied.

Area in acres, 6,378.

Population 1881,	...	3,510
„ 1891,	...	2,751
Decrease	1881-91,	759
Estimated Population	1894	

Name of Medical Officer of Health, E. H. ADDENBROKE.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
37	28	65	15	21	36	11	5	2	1	6	11

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup. (not spasmodic)	Whooping Cough.	CONTINUED FEVERS.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
	2	1							1							1	2	8	5	3	13	

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 23.6.	Death Rate, 13.0.
(a) Zymotic Death Rate, 1.4.	(b) Inf. Mortal 169.
Phthisis Death Rate, .7.	Resp. Death Rate, 2.9.
Smallpox Death Rate, 0.0.	Measles Death Rate, .7.
Scarlatina Death Rate, .3.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, 0.0.	(c) Fever Death Rate, 0.0.
Diarrhoea Death Rate, .3.	Cancer Death Rate, .3.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.  
 (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.  
 (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Kidderminster Rural District (Wolverley Division).

## VITAL STATISTICS.

	Average for the Years 1888 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	22.4	23.6	26.8	25.1	20.0	23.3	20.5	17.9							
Total death rate per 1,000 of the population -	12.7	13.0	11.2	11.9	14.2	12.5	12.5	13.6							
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	1.1	1.4	.7		1.7	.8									
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	138	169	81		169	134									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- cous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ...		About 150	24				2	1
Deaths ..		2	1					
Hospital Cases			8					
„ Deaths								

Diseases prevalent :—Scarlet Fever.  
 Period :—January, June.  
 Schools closed :—Wolverley, Cookley.

*Kidderminster Rural District (Wolverley Division).*

Systematic Inspection -	Carried out.
House Accommodation -	Very fair.
Overcrowding - - -	Case occurred at Sion Hill, Broadwaters, but was immediately abated.
Drainage - - -	Well looked after, all defects remedied.
Water Supply - - -	As a rule, plentiful and good.
Excrement Disposal -	Varies. No regular system is required.
Scavenging - - -	
Burial Grounds and Mortuaries - - -	Satisfactory.
Canal Boats - - -	Regularly inspected.
Bakehouses - - -	1, well kept.
Slaughter-houses - - -	3 inspected and found satisfactory.
Common Lodging-houses - - -	None.
Tenement Lodging-houses - - -	None.
Dairies, Cowsheds and Milkshops - - -	Well looked after by Inspector.
Offensive Trades - - -	None.
Sale of Food and Drugs Acts - - -	No action.
Food unfit for Human Consumption - - -	No case.
Bye-laws - - -	None in force.
River Pollution - - -	Does not occur to any extent.
Industries - - -	
Vans and Tents - - -	None.
Fruit and Hop Pickers -	None.
Factories and Workshops - - -	No action needed.
Special Reports of M.O.H. during the year	
Vaccination Acts - - -	
Other points - - -	

*Kidderminster Rural District (Bewdley Division).*

*Note by County Medical Officer.*

Mr. Webster reports that "severe epidemics of Scarlet Fever (51 cases) and Measles visited Wribbenhall during the year, and "some of the cases of Scarlet Fever were removed to Hospital."

Area in acres, 6,158.

Population 1881 ... 2,258.

" 1891 ... 2,117.

Decrease 1881-91 ... 141.

Estimated Population 1894, 2,117.

Name of Medical Officer of Health, TREVOR WEBSTER.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
16	28	44	16	15	31	8	3			10	10

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.															
Measles.	4														
Scarlatina.															
Diphtheria.															
Croup ("not Spasmodic")															
Whooping Cough.															
Typhus.															
Enteric or Typhoid.															
Other or Doubtful.															
Diarrhoea & Dysentery															
Cholera.															
Rheumatic Fever.															
Erysipelas.															
Pyæmia.															
Puerperal Fever.															
Ague.															
Cancer.									2						
Phthisis.									1						
Pneumonia.									1						
Bronchitis & Pleurisy										4					
Heart Disease.															
Injuries.														2	
Other Diseases.															17

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 20·7

Death Rate, 14·6.

(a) Zymotic Death Rate, 1·8.

(b) Inft. Mortal, 181.

Phthisis Death Rate, ·4.

Resp. Death Rate, 2·3.

Smallpox Death Rate, 0·0.

Measles Death Rate, 1·8.

Scarlatina Death Rate, 0·0.

Diphtheria Death Rate, 0·0.

Whooping Cough Death Rate, 0·0

(c) Fever Death Rate, 0·0.

Diarrhoea Death Rate, 0·0.

Cancer Death Rate, ·94.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Kidderminster Rural District (Bewdley Division).

## VITAL STATISTICS.

	Average for the Years 1882 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	22.7	20.7	26.4	18.8	26.9	21.6	2.6	25.0	18.4	23.5	22.4	25.3	21.1	28.8	
Total death rate per 1,000 of the population. -	15.1	14.6	22.6	17.9	18.8	9.7	14.8	13.0	15.1	12.6	21.0	13.0	13.0	10.7	
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population. -	1.0	1.8	.4	.9	.4	.8	1.6	.8	.8	1.7	2.9	.4	.8	.4	
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	124	181	232	175	122	78	98	118	136	107	113	66	120	73	

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...		Very prevalent.	51				2	
Deaths ...		4						
Hospital Cases			20					
„ Deaths								

Diseases prevalent:—Scarlatina, Measles.

Period:—Spring, Autumn, Winter.

Schools closed:—Wribbenhall.

*Kidderminster Rural District (Bewdley Division).*

Sanitary Inspection -	Regularly inspected.
Accommodation -	Several improvements.
Drinking - - -	No cases reported.
Wells - - -	Dumb wells and ashpits kept as sanitary as possible.
Water Supply - -	Chiefly wells and springs. Fairly good.
Waste Disposal -	
Scavenging - - -	Efficiently done.
Grounds and Quarries - - -	Satisfactory.
Boats - - -	Inspected at Bewdley.
Workhouses - - -	Regularly inspected, and satisfactory.
Workshop-houses -	Regularly inspected, and satisfactory.
Public Lodging-houses - - -	None.
Private Lodging-houses - - -	None.
Stables, Cowsheds and Workshops - - -	Regularly inspected.
Various Trades - -	None.
Inspection of Food and Drugs - - -	No case.
Articles unfit for Human Consumption - - -	No case.
Public Houses - - -	None.
Pollution - - -	Slight.
Occupations - - -	Chiefly Agriculture.
Circus and Tents - -	None.
Travelling and Hop Pickers -	Local population.
Factories and Workshops - - -	
Sanitary Reports of O.H. during the year	
Sanitary Acts - - -	Efficiently carried out.
Water points - - -	

*Kidderminster Rural District (Chaddesley Corbett Division).*

*Note by County Medical Officer.*

Dr. Fitch considers "the district is in a good Sanitary condition."

With reference to my report on Chaddesley Corbett, dated 10 February 1894, it would appear that "a large open drain leading from the north end of the Village, 70 to 80 yards in length, has been greatly improved by the laying of Sanitary pipes the whole length."

Area in acres, 10,295.

Population 1881	...	2,372.
" 1891	...	2,242.
Decrease 1881-91	...	130.
Estimated Population 1894,		2,242.

Name of Medical Officer of Health, FREDK. FITCH, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
29	31	60	18	15	33	3			3	7	20

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic")	Whooping Cough.	CONTINUED FEVERS.			Diarrhœa & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Aguc.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease	Injuries.	Other Diseases.
																	3		3		1	26

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 26.7.	Death Rate, 14.7.
(a) Zymotic Death Rate, 0.0.	(b) Inf. Mortal, 50.
Phthisis Death Rate, 1.3.	Resp. Death Rate, 1.3.
Smallpox Death Rate, 0.0.	Measles Death Rate, 0.0.
Scarlatina Death Rate, 0.0.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, 0.0	(c) Fever Death Rate, 0.0
Diarrhœa Death Rate, 0.0.	Cancer Death Rate, 0.0.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.  
 (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.  
 (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Kidderminster Rural District (Chaddesley Corbett Division).

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	24.4	26.7	26.8	21.4	25.8	23.6	21.4	23.4	22.3	20.2	28.0	23.6	24.1	32.6	23.0
Total Death Rate per 1,000 of the population -	15.3	14.7	13.8	20.5	14.2	12.8	10.7	17.6	16.0	14.7	19.1	16.4	12.2	17.8	13.7
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	.6	0.0	.4	.9	0.0	0.0	0.0	0.0	1.6	0.0	1.2	.8	1.2	1.6	1.2
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	103	50	50	187	103	122	38	125	113	41	121	152	74	55	211

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...			9	1		1	3	
Deaths ...								
Hospital Cases								
„ Deaths								

Diseases prevalent :—

Period :—

Schools closed :—



*Kidderminster Rural District (Chaddesley Corbett Division).*

Systematic Inspection -	Regularly and efficiently carried out by energetic Inspector.
House Accommodation-	Very fair.
Overcrowding - -	5 cases abated.
Drainage - - -	Several cases of defective drainage dealt with, great improvement effected laying 70 or 80 yards of sanitary pipe, at north end of village.
Water Supply - -	On the whole, plentiful. 3 defective cases dealt with.
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - -	Satisfactory.
Canal Boats - - -	None.
Bakehouses - - -	Regularly inspected.
Slaughter-houses - -	Regularly inspected.
Common Lodging-houses - - -	None.
Tenement Lodging-houses - - -	None.
Dairies, Cowsheds and Milkshops - - -	Inspected.
Offensive Trades - -	None.
Sale of Food and Drugs Acts - - -	No case.
Food unfit for Human Consumption - -	No case.
Bye-laws - - -	None in force.
River Pollution -	Very slight.
Industries - - -	Agriculture and scythe grinding.
Vans and Tents - -	None.
Fruit and Hop Pickers -	
Factories and Workshops - - -	Satisfactory.
Special Reports of M.O.H. during the year	None.
Vaccination Acts - -	Efficiently carried out.
Other points - - -	

*King's Norton Rural District.*

*Note by County Medical Officer.*

Dr. Hollinshead mentions that excluding "deaths in Public Institutions of persons not belonging to the District," the Death-rate is reduced from 14.2 to 10.8; the Zymotic rate only amounted to .7 per 1,000, and the Infantile Mortality to 114. In a semi-Urban district such low rates are especially satisfactory, and as they are by no means exceptional, speak volumes in support of sound Sanitary administration.

It will be noticed that 12 cases of Smallpox were notified, whereas 34 cases were treated in Hospital—22 of the latter came from neighbouring Districts. Scarlet Fever (197 cases, 2 deaths) was prevalent, chiefly in King's Heath, Moseley, Stirchley Street and Selly Oak. Measles was epidemic. King's Norton (with Row Heath and Cotteridge Estate) has been sewered. At Bartley Green a public well has been sunk, and water mains laid through the Villages of Bartley Green, Woodgate, Moor Street and California. Dr. Hollinshead strongly recommends the conversion of ash-pits and privies into W.C.s, and a good deal has been done in this direction. Strict supervision of building is advised, as "the speculative builder" is very "hard at work" in (the) District.

In connection with the pollution of the River Rea an injunction, which comes into force in June 1895, has been obtained against Messrs. Baldwin, and I, with the Medical Officer of Health, "hope we shall now see this question finally dealt with."

Area in acres, 22,454.

Population 1881	...	19,376.
" 1891	...	28,300.
Increase 1881-91	...	8,924.
Estimated Population 1894		30,977

Name of Medical Officer of Health, FRANCIS HOLLINGSHEAD, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
418	367	785	233	209	442	90	34	18	26	129	145

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Aguc.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
						Enteric or Typhoid.	Other or Doubtful.															
4	9	2	2		5				1		1					23	53	47	39	38	16	202

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 25.3.	Death Rate, 14.2. (d)
(a) Zymotic Death Rate, .7.	(b) Inf. Mortality, 114.
Phthisis Death Rate, 11.7.	Resp. Death Rate, 2.8.
Smallpox Death Rate, .13.	Measles Death Rate, .27.
Scarlatina Death Rate, .06.	Diphtheria Death Rate, .06.
Whooping Cough Death Rate, .15. (c)	Fever Death Rate, .06.
Diarrhoea Death Rate, .03.	Cancer Death Rate, .74.

(a) Includes Smallpox, Measles, Scarletina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

(d) This rate includes deaths in Public Institutions among persons not belonging to district.

## King's Norton Rural District.

## VITAL STATISTICS.

	Average for the Years 1882 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	27.3	25.3	27.9	30.7	25.9	23.1	24.3	25.1	26.4	26.6	27.5	32.2	30.7	30.3	
Total death rate per 1,000 of the population -	* 12.8	14.2	17.9	12.3	12.3	12.0	10.6	10.2	12.7	13.6	12.9	14.0	11.7	13.2	
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	.7	.6	1.0	.7	.7	.7	.7	.5	.9	1.3	.4	.7	.4	1.6	
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	105	114	136	103	110	120	88	107	101	116	105	79	96	103	

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..	12	200	197	5		10	26	
Deaths .. ..		9	1	2				
Hospital Cases	* 34		146					
" Deaths	4		1					

\* 22 from outside District.

Diseases prevalent:—Scarlet Fever, Measles and Smallpox.

Period:—February, June, July, September, December.

Schools closed:—in February, June, July, September, December.

*King's Norton Rural District.*

Sanitary Inspection -	Regularly carried out.								
Public Accommodation -	Quite sufficient. 3 representations respecting property at California, Ten Acres and King's Heath, made under Housing of Working Classes Act, 1890.								
Overcrowding - -	One case abated.								
Drainage - - -	Continues to be extended over several parts of District. Village of King's Norton about to be sewered, also Cotteridge.								
Water Supply - -	Provided for Bartley Green and the Lickey. 33 samples of water analysed, and tap water laid on, if well proved to be polluted.								
Waste Disposal -	On Canal, when available to Board's Tip.								
Cleaning - - -	Carried out by Board as far as possible.								
Public Grounds and Mortuaries - -	2 new burial grounds provided.								
Public Boats - -	Sanitary Inspectors appointed.								
Warehouses - - -	Kept in order.								
Slaughter-houses -	Inspected.								
Common Lodging-houses - - -	None.								
Private Lodging-houses - - -	None.								
Stables, Cowsheds and Milkshops - - -	Inspected.								
Offensive Trades - -	No complaint, except Smoke and River Rea.								
Compliance of Food and Drugs Acts - - -	No sample.								
Food unfit for Human Consumption - - -	No case.								
Bye-laws - - -	For new Streets and Buildings, Common Lodging Houses, Slaughter Houses, Hackney Carriages, Nuisances, etc.								
River Pollution - -	River Rea receiving consideration. L. G. B. Inquiry held, and injunction obtained.								
Industries - - -	Two Paper Works, Cocoa Manufactory, Brewery, Metal Works, small Tannery, and one Enamel works.								
Circus and Tents - -	Inspected when in District.								
Fruit and Hop Pickers -	None.								
Factories and Workshops - - -									
Special Reports of M.O.H. during the year	Three. One on Scarlet Fever, and two on Hospital.								
Vaccination Acts - -	Well carried out.								
Year ending June 30th, 1894	No. Born	No. vaccinated	Had Small-pox	Dead unvaccinated	Postponed by Med. Certificate	Removed where V.O. apprised	Removed not found	Out standing	Insusceptible to vaccination
	822	598	0	86	9	1	23	105	0
Other points - - -									

*Ledbury Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

The remarks made under the Bromyard Rural District (p. 73) are applicable.

Area in acres, 3,036.		
Population 1881, ...		1,104
„ 1891, ...		379
Decrease 1881-91,		725
Estimated Population 1894		

Name of Medical Officer of Health, H. V. SANDFORD, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup. (not spasmodic).	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.	

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate,	Death Rate,
(a) Zymotic Death Rate,	(b) Inf. Mortality,
Phthisis Death Rate,	Resp. Death Rate,
Smallpox Death Rate,	Measles Death Rate,
Scarlatina Death Rate,	Diphtheria Death Rate,
Whooping Cough Death,	(c) Fever Death Rate,
Diarrhoea Death Rate,	Cancer Death Rate,

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Ledbury Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years to in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -															
Total Death Rate per 1,000 of the population -															
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -															
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -															

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- cous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..								
Deaths ..								
Hospital Cases								
„ Deaths								

Diseases prevalent :—

Period :—

Schools closed :—

*Ledbury Rural District (Worcestershire Division).*

Systematic Inspection -	
House Accommodation -	
Overcrowding - -	
Drainage - - -	
Water Supply - -	
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses - -	
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - -	
Offensive Trades - -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Bye-laws - - -	
River Pollution - -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points - - -	

*Martley Rural District.*

*Note by County Medical Officer.*

Mr. Hyde reports that Measles (4 deaths) and Whooping Cough have been epidemic in several Parishes, and that Scarlet Fever (84 cases, 4 deaths) was prevalent. A plan for improving the Drainage of Clifton-on-Teme (see my report dated 29 July 1893) has been submitted to the Local Government Board, but that for the Water-supply remains in abeyance, to allow the principal landowner an opportunity of endeavouring to supply the Village by public wells.

Area in acres, 54,065.

Population 1881 ... 12,450.

,, 1891 ... 12,044.

Decrease 1881-91 ... 406.

Estimated Population 1894, 12,044.

Name of Medical Officer of Health, G. E. HYDE.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
172	164	336	102	101	203	31	19	9	4	37	103

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup ("not Spasmodic")	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	CONTINUED FEVERS.		Diarrhoea & Dysentery	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
	4	4											1					8	8	8	22	34	7	107

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 27·9.

Death Rate, 16·8.

(a) Zymotic Death Rate, ·6.

(b) Inf. Mortal 92.

Phthisis Death Rate, ·66.

Resp. Death Rate, 2·4.

Smallpox Death Rate, 0·0.

Measles Death Rate, ·33.

Scarlatina Death Rate, ·33.

Diphtheria Death Rate, 0·0.

Whooping Cough Death Rate, 0·0.

(c) Fever Death Rate, 0·0.

Diarrhoea Death Rate, 0·0.

Cancer Death Rate, ·66.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.



## Martley Rural District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	27.6	27.9	25.8	26.5	26.6	25.6	28.1	29.4	27.4	29.7	28.3	28.9	25.7	25.2	29.6
Total death rate per 1,000 of the population. -	12.7	16.8	11.5	18.4	17.1	15.8	12.5	15.7	15.1	17.5	18.9	17.6	15.9	13.1	14.1
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population. -	.7	.6	1.0	.7	1.0	.5	.5	.1	.4	1.0	1.4	.9	.6	.3	1.1
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	101	92	115	128	137	102	98	96	80	102	111	106	103	78	7

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...		Epidemic.	84	10	3	2	11	1
Deaths ...		4	4					1
Hospital Cases								
„ Deaths								

Diseases prevalent:—

Period:—

Schools closed:—

*Martley Rural District.*

Sanitary Inspection -	Regularly maintained.
Accommodation -	Generally sufficient.
Lodging -	
Drainage -	Plan for Clifton-on-Teme prepared, Inspector of L.G.B. held Inquiry.
Water Supply -	Receives much attention.
Waste Disposal -	
Scavenging -	
Public Grounds and Cemeteries -	
Boats -	
Public Houses -	
Public Houses -	
Public Lodging- houses -	
Public Lodging- houses -	
Stables, Cowsheds and Piggeries -	33 regularly visited and kept clean.
Various Trades -	
Availability of Food and Drugs -	
Articles unfit for Human consumption -	
Public Nuisances -	
Pollution -	
Public Houses -	
Circus and Tents -	
Public Houses and Hop Pickers -	It is probably that in some instances infection was brought by them.
Public Houses and Work- shops -	
Annual Reports of Sanitary Authorities during the year of Sanitary Acts -	On Clifton-on-Teme Drainage and Water-supply.
Sanitary points -	

*Newent Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

Mr. Marshall reports that this district was free from infectious disease during the year.

Area in acres, 5,305.

Population 1881 ... 1,413.

„ 1891 ... 1,308.

Decrease 1881-91 ... 105.

Estimated Population 1894, .

Name of Medical Officer of Health, W. N. MARSHALL.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
9	11	20	7	6	13	2				4	7

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	CONTINUED FEVERS.		Diarrhœa & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease	Injuries.	Other Diseases.
							Enteric or Typhoid.	Other or Doubtful.														
																			4	1	3	4

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 15·2.

Death Rate, 9·9.

(a) Zymotic Death Rate, 0·0.

(b) Inf. Mortal 100.

Phthisis Death Rate, 0.

Resp. Death Rate, 3·0.

Smallpox Death Rate, 0·0.

Measles Death Rate, 0·0.

Scarlatina Death Rate, 0·0.

Diphtheria Death Rate, 0·0.

Whooping Cough Death Rate, 0·0.

(c) Fever Death Rate, 0·0.

Diarrhœa Death Rate, 0·0.

Cancer Death Rate, 0·0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Newent Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years 1890 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	28.6	15.2	33.7	37.4	28.2										
Total Death Rate per 1,000 of the population -	18.4	9.9	21.4	25.2	24.6	11.3									
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	4.	0.0	0.0	.7	1.5	0.0									
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	112	100	45	143	162										

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...								
Deaths ...								
Hospital Cases								
„ Deaths								

Diseases prevalent:--

Period:—

Schools closed:—

*Newent Rural District (Worcestershire Division).*

Systematic Inspection -	Continual inspection.
House Accommodation -	
Overcrowding - -	
Drainage - - -	
Water Supply - -	
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses - -	
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - - -	
Offensive Trades - -	
Sale of Food and Drugs Acts - - -	No case has arisen.
Food unfit for Human Consumption - - -	Seven.
Bye-laws - - -	
River Pollution -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points - - -	

*Pershore Rural District.*

*Note by County Medical Officer.*

Scarlatina (41 cases, 3 deaths) occurred in 15 Parishes, and was suppressed by the treatment of 26 patients in the Hospital (double) tents. The Water-supplies of Wyre, Bishampton and Throckmorton have been vastly improved by carrying out water-works. Similar schemes for Great and Little Comberton are in course of preparation by local property owners. Improvements in Drainage have been made at Whittington, and plans for Sewering Pershore at a cost of £6,250 have been sent to the Local Government Board; but as the only efficient scheme for supplying water to this town is estimated to cost £14,500 at least, under present circumstances such an improvement is impracticable. The defective Water-supplies of Grafton Flyford and Eckington have been improved by erecting pumps. Attention is directed to the Water-supply of Naunton Beauchamp, now derived from a brook. A "Provisional Order" has been issued by the Local Government Board, constituting a Joint Hospital Board for the Pershore and Upton Districts. "Urban powers," under Sections 44, 169, 170 and 157 Public Health Act 1875, were obtained, and the By-laws issued by the County Council were adopted.

Area in acres, 53,123.

Population 1881	...	13,560.
" 1891	...	13,005.
Decrease 1881-91	...	555.
Estimated Population 1894		13,086.

Name of Medical Officer of Health, G. H. FOSBROKE, D.P.H., Camb.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
170	182	352	110	76	186	40	9	2	9	39	87

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
		3	1		2											8	9	9	17	24	11	102

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 26·8	Death Rate, 14·2.
(a) Zymotic Death Rate, '45.	(b) Inf. Mortal, 113.
Phthisis Death Rate, '6.	Resp. Death Rate, 1'9.
Smallpox Death Rate, 0'0.	Measles Death Rate, 0'0.
Scarlatina Death Rate, '21	Diphtheria Death Rate, '07.
Whooping Cough Death Rate, '14.	(c) Fever Death Rate, 0'0.
Diarrhoea Death Rate, 0'0.	Cancer Death Rate, '6.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Persbore Rural District.

## VITAL STATISTICS.

	Average for the Years 1889 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	26.4	26.8	25.9	26.6	26.2	29.5	23.9								
Total death rate per 1,000 of the population -	15.7	14.2	14.2	20.4	17.7	16.4	11.5								
Death Rate from the Seven Princip- al Zymotic Diseases per 1,000 of the population -	.5	.4	.5	.8	.6	.3	.3								
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	104	113	118	124	117	72	80								

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..			41	17		3	7	2
Deaths ... ..			3	1				
Hospital Cases			26					
„ Deaths			1					

Diseases prevalent :—

Period :—

Schools closed :—

*Pershore Rural District.*

---

Systematic Inspection -	Regularly carried out.
House Accommodation -	Many repaired, two at Grafton Flyford closed, similar improvements made at Throckmorton.
Overcrowding - -	24 cases dealt with.
Sanitation - - -	Whittington partly sewered, plans for sewerage Pershore at cost £6,250, sent to L.G.B.
Water Supply - -	Schemes carried out at Wyre, Bishampton, and Throckmorton, and in course of preparation for Great and Little Comberton. Pumps erected at Grafton and Eckington. Scheme for Pershore too costly. Naunton Beauchamp requires attention.
Waste Disposal -	Improving.
Swimming - - -	None.
Public Grounds and Mortuaries - -	No complaint.
Public Boats - -	Inspector to examine.
Public Houses - -	36 regularly inspected and in good state.
Public Houses - -	14 kept in fairly good order.
Common Lodging-houses - - -	One, kept clean.
Private Lodging-houses - - -	None.
Staircases, Cowsheds and Milkshops - -	24 registered, fairly well kept.
Offensive Trades -	One case, tripe boiling causes nuisance.
Sale of Food and Drugs Acts - - -	No action by Authority.
Food unfit for Human Consumption - -	None seized, one vendor watched.
Bye-laws - - -	Urban powers granted. Bye-laws framed.
River Pollution - -	
Industries - - -	
Cars and Tents - -	
Fruit and Hop Pickers -	Pea-pickers give trouble.
Factories and Workshops - - -	Special attention called to provisions of Factory and Workshops Act, 1891.
Special Reports of M.O.H. during the year	Several.
Vaccination Acts - -	
Other points - - -	



*Shipston-on-Stour Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

Mr. Hitchins reports that "the new Water and Drainage works (at Blockley) have been successfully completed, and in July Lady Northwich turned on the water amidst popular rejoicing," and calls attention "to the want of Byelaws, especially for the more closely populated towns and villages."

Area in acres,	15,237.
Population 1881,	... 4,988
" 1891,	... 4,754
Decrease	1881-91, 234
Estimated Population 1894	4,680

Name of Medical Officer of Health, T. H. HITCHINS.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
50	50	100	30	31	61	7	5		2	17	30

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup. (not spasmodic)	Whooping Cough.	Typhus.	CONTINUED FEVERS.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
							Enteric or Typhoid.	Other or Doubtful.															
																		5	11	12			32

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 21.4.	Death Rate, 15.0.
(a) Zymotic Death Rate, .2.	(b) Inf. Mortal, 70.
Phthisis Death Rate, 1.0.	Resp. Death Rate, 2.3.
Smallpox Death Rate, 0.0.	Measles Death Rate, 0.0.
Scarlatina Death Rate, .2.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, 0.0.	(c) Fever Death Rate, 0.0.
Diarrhoea Death Rate, 0.0.	Cancer Death Rate, 0.0.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.  
 (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.  
 (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

*Shipston-on-Stour Rural District (Worcestershire Division).*

VITAL STATISTICS.

	Average for the Years 1889 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	25.0	21.4	26.5	26.0	26.1	25.3									
Total Death Rate per 1,000 of the population -	13.9	13.1	12.5	17.2	15.8	12.2	12.8								
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	.7	.2	.6	1.0	1.1	.4	1.2								
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	82	70	48	118	81	95									

CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..	1		11			1	4	
Deaths ... ..			1					
Hospital Cases ,, Deaths								

Diseases prevalent :—

Period :—

Schools closed :—None.

*Shipston-on-Stour Rural District (Worcestershire Division).*

Systematic Inspection -	Carried out.
House Accommodation -	Generally good.
Overcrowding - - -	No case.
Drainage - - -	Sewage filtered at Blockley.
Water Supply - - -	New Waterworks at Blockley.
Excrement Disposal -	Closets frequently of objectionable construction.
Scavenging - - -	None.
Burial Grounds and Mortuaries - - -	Satisfactory.
Canal Boats - - -	None.
Bakehouses - - -	Inspected.
Slaughter-houses - - -	Generally well kept.
Common Lodging-houses - - -	One, and inspected.
Tenement Lodging-houses - - -	None.
Dairies, Cowsheds and Milkshops - - -	Inspected and clean.
Offensive Trades - - -	None.
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - - -	None seized.
Bye-laws - - -	None.
River Pollution - - -	
Industries - - -	
Vans and Tents - - -	
Fruit and Hop Pickers -	
Factories and Work-shops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - - -	None.
Other points - - -	

*Solihull Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

Dr. Wilson reports that the population of Yardley grows rapidly, and gives a summary of the vast amount of Sanitary work which has been undertaken in the way of Sewerage, Water-supply, acquisition of extended Urban powers, provision of a Hospital, &c., since his appointment in 1873. To effect this, loans to the extent of £80,900 have been arranged.

Smallpox kept cropping up during the year (43 cases, 4 deaths), owing to the proximity of Birmingham, where the disease was prevalent, but was kept in check by the Isolation Hospital. Dr. Wilson mentions that "two of the single cases, besides three other cases in Hospital, contracted the disease in Hospital before the disinfecting apparatus was completed in the early part of the year, the infection having been wafted to the Scarlatina wards from the wash-house."

Area in acres, 7,590.

Population 1881 ... 9,745.

" 1891 ... 17,141.

Increase 1881-91 ... 7,396.

Estimated Population 1894, 20,750.

Name of Medical Officer of Health, GEO WILSON, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
252	306	558	121	124	245	70	33	12	13	72	45

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	4	Measles.	8	Scarlatina.		Diphtheria.		Croup ("not Spasmodic")	2	Whooping Cough.	7	Typhus.		Enteric or Typhoid.	2	Other or Doubtful.		Diarrhoea & Dysentery	3	Cholera.		Rheumatic Fever.		Erysipelas.		Pyæmia.		Puerperal Fever.		Ague.		Cancer.		Phthisis.	24	Pneumonia.	43	Bronchitis & Pleurisy	15	Heart Disease.	9	Injuries.	128	Other Diseases.	
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MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 26.8.

Death Rate, 11.8.

(a) Zymotic Death Rate, 1.2.

(b) Inf. Mortal, 125.

Phthisis Death Rate, 1.1.

Resp. Death Rate, 2.0.

Smallpox Death Rate, .18.

Measles Death Rate, .36.

Scarlatina Death Rate, 0.0.

Diphtheria Death Rate, 0.0.

Whooping Cough Death Rate, .3

(c) Fever Death Rate, .09

Diarrhoea Death Rate, .1.

Cancer Death Rate, 0.0.

\* Including Croup.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Solihull Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years 1889 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. —	28.8	26.8	27.5	30.5	30.5										
Total death rate per 1,000 of the population. —	13.5	11.8	14.9	14.3	13.1	13.5	13.6								
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population. —	1.0	1.2	1.0	1.2	.5	1.2	.9								
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. —	116	125	114	119	117	107									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	43		56	7	4	6		
Deaths ...	4	8			2	2		
Hospital Cases	41		34					
„ Deaths	4							

Diseases prevalent:—

Period:—

Schools closed:—Hay Mills, Acocks Green.

*Solihull Rural District (Worcestershire Division).*

Sanitary Inspection -	Regularly carried out. 526 notices served.
Public Accommodation -	A building site condemned, because portion consisted of made-up ground, formerly used as a tip for midden refuse. 432 built.
Overcrowding -	
Drainage - - -	Sewers extended in several roads, and contemplated in others. Two new roads made.
Water Supply - -	Water mains extended.
Waste Disposal -	
Engineering - - -	Extra appliances provided. 10,297 ashpits emptied (5,933 loads).
Public Grounds and Cemeteries - - -	
Public Boats - - -	Act carried out.
Public Houses - - -	20 registered—kept in sanitary condition.
Public Houses - - -	14 registered—fairly well kept.
Common Lodging- houses - - -	
Public Lodging- houses - - -	
Dairies, Cowsheds and Milkshops - - -	65 registered cowkeepers, 58 milkshops. Dairies and Cowsheds Order carefully carried out.
Offensive Trades -	
Enforcement of Food and Drugs Acts - - -	53 samples submitted to Public Analyst—1 adulterated.
Food unfit for Human Consumption - - -	
By-laws - - -	A revised set approved.
Water Pollution - - -	Pollution of the Cole greatly mitigated by better laying-out of Cole Hall Farm.
Factories - - -	
Circuses and Tents - -	
Truants and Hop Pickers -	
Factories and Work- shops - - -	Well attended to.
Special Reports of M.O.H. during the year	
Vaccination Acts - - -	
Other points - - -	

*Stourbridge Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

Mr. Turner reports that 32 patients were admitted to the Isolation Hospital.

Typhoid Fever (59 cases, 5 deaths), continues to cling to the District, and Mr. Turner attributes "this epidemic to impure water and improper surface drainage."

Now, however, that the Upper Stour Main Drainage Works are rapidly advancing, and schemes for branch Sewers are being matured, it may be fairly anticipated that this filth disease will ere long be eradicated from the District.

Area in acres, 8,365.

Population 1881 ... 31,264.

" 1891 ... 34,151.

Increase 1881-91 ... 2,887.

Estimated Population 1894, .

Name of Medical Officer of Health, EDW. TURNER, M.R.C.S.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
679	656	1335	309	244	553	201	108	25	23	84	112

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	CONTINUED FEVERS.		Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
1	65	5	1	2	13		5				17		1	1				14	18	36	58	27	14	275

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 39·0

Death Rate, 16·1.

(a) Zymotic Death Rate, 3·2.

(b) Inft. Mortal, 150.

Phthisis Death Rate, ·5.

Resp. Death Rate, 2·7.

Smallpox Death Rate, ·02.

Measles Death Rate, 1·9.

Scarlatina Death Rate, ·14.

Diphtheria Death Rate, ·02.

Whooping Cough Death Rate, ·38.

(c) Fever Death Rate, ·29.

Diarrhoea Death Rate, ·49.

Cancer Death Rate, ·40.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Stourbridge Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years 1882 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	39.2	39.0	38.3	38.9	38.7	40.9	39.9								
Total Death Rate per 1,000 of the population -	18.4	16.1	15.9	19.5	15.6	21.1	19.1	16.2	17.8	17.0	21.1	22.3	19.8	18.1	
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	2.5	3.2	2.2	1.2	1.2	2.8	2.9	1.8	1.3	2.3	1.0	4.4	5.7	2.8	
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	159	150	158	172	136	179									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...	12		84	18	6	59	55	1
Deaths ...	1	65	5	1	2	5	1	
Hospital Cases	11		6			15		
„ Deaths						2		

Diseases prevalent :—Measles and Scarlet Fever.

Period :—Some months.

School closed :—15.



*Stourbridge Rural District (Worcestershire Division).*

Systematic Inspection -	Done regularly.
House Accommodation-	
Overcrowding - -	13 cases abated.
Drainage - - -	
Water Supply - -	277 houses have had tap water laid on.
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses - -	Regularly inspected and limewashed.
Common Lodging-houses - - -	Systematically inspected and kept clean.
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - - -	Have a good water-supply ; often whitewashed.
Offensive Trades - -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - - -	
Bye-laws - - -	
River Pollution - -	
Industries - - -	
Vans and Tents - - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points -	

*Stow-on-the-Wold Rural District (Worcestershire Division).**Note by County Medical Officer.*

Dr. Denning reports that the two small Parishes (Evenlode and Daylesford) are in a healthy condition—no cases of Infectious Disease having been notified. There are no nuisances nor overcrowding. The two deaths from Phthisis were young persons who returned to their native village, in the last stage, to die.

Area in acres, 2,289.

Population 1881 ... 382.

" 1891 ... 337.

Decrease 1881-91 ... 45.

Estimated Population 1894 337.

Name of Medical Officer of Health, EDW. DENING.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
3	2	5	3	1	4			1		2	1

## MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	Enteric or Typhoid.	Other or Doubtful.	Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
				1													2					1

## MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 14·8.

Death Rate, 11·8.

(a) Zymotic Death Rate, 0·0.

(b) Inf. Mortality, 0·0.

Phthisis Death Rate, 5·9.

Resp. Death Rate, 0·0.

Smallpox Death Rate, 0·0.

Measles Death Rate, 0·0.

Scarlatina Death Rate, 0·0.

Diphtheria Death Rate, 0·0.

Whooping Cough Death, 0·0.

(c) Fever Death Rate, 0·0.

Diarrhoea Death Rate, 0·0.

Cancer Death Rate, 0·0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

*Stow-on-the-Wold Rural District (Worcestershire Division).*

## VITAL STATISTICS.

	Average for the Years 1889 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	26.7	14.8	23.7	32.6	32.6	20.0									
Total death rate per 1,000 of the population -	15.1	11.8	8.9	17.8	26.7	14.2	11.4								
Death Rate from the Seven Princip- al Zymotic Diseases per 1,000 of the population -	1.3	2.6	0.0	0.0	2.9										
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	99	0.0	125	181	90										

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..					1			
Deaths ... ..					1			
Hospital Cases								
„ Deaths								

Diseases prevalent :—None.

Period :—

Schools closed :—

*Stow-on-the-Wold Rural District (Worcestershire Division).*

Systematic Inspection -	No nuisances.
House Accommodation -	
Overcrowding - -	None.
Drainage - - -	
Water Supply - -	
Excrement Disposal -	
Cavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses -	
Common Lodging-houses - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - - -	
Offensive Trades - -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Bye-laws - - -	
River Pollution - -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points - - -	

*Stratford-on-Avon Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

The Parish of Alderminster, which this District alone includes, is now added to the Shipston-on-Stour District."

A very excellent Isolation Hospital has been built at Stratford-on-Avon which, Local Authorities contemplating the erection of such Institution may advantageously visit; indeed, several Worcestershire Councils have already done so, and expressed themselves much gratified.

Area in acres, 3,229.	
Population 1881, ...	493
„ 1891, ...	433
Decrease 1881-91,	60
Estimated Population 1894	421

Name of Medical Officer of Health, ARTHUR THOMPSON, M.B., D.P.H., Camb.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
7	3	10	3	2	5	1				1	3

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup. (not spasmodic <sup>(a)</sup> ).	Whooping Cough.	Typhus.	CONTINUED FEVERS.		Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
							Enteric or Typhoid.	Other or Doubtful.														
																			1	2		2

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 24.0.	Death Rate, 12.0.
(a) Zymotic Death Rate, 0.0.	(b) Inf. Mortality, 100.
Phthisis Death Rate, .0.	Resp. Death Rate, 2.4.
Smallpox Death Rate, 0.0.	Measles Death Rate, 0.0.
Scarlatina Death Rate, 0.0.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, 0.0.	(c) Fever Death Rate, 0.0.
Diarrhoea Death Rate, .00.	Cancer Death Rate, 0.0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

*Stratford-on-Avon Rural District (Worcestershire Division).*

VITAL STATISTICS.

	Average for the Years 1890 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	27.8	24.0	26.1	30.5	32.3	26.2									
Total Death Rate per 1,000 of the population -	16.9	12.0	14.2	14.0	20.7	23.8									
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	0.0	0.0	0.0	0.0	0.0	0.0									
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	15.3	100	181	153	142	181									

CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ...								
Deaths ...								
Hospital Cases								
„ Deaths								

Diseases prevalent :—None.

Period :—

Schools closed :—

*Stratford-on-Avon Rural District (Worcestershire Division).*

Systematic Inspection -	
House Accommodation -	
Overcrowding - -	
Drainage - - -	
Water Supply - -	
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - -	
Bakehouses - - -	
Slaughter-houses -	
Common Lodging- houses - - -	
Tenement Lodging- houses - - -	
Dairies, Cowsheds and Milkshops - -	
Offensive Trades -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Bye-laws - - -	
River Pollution -	
Industries - - -	
Vans and Tents -	
Fruit and Hop Pickers -	
Factories and Work- shops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts -	
Other points - -	

*Tenbury Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

Dr. Thursfield reports a Zymotic Death-rate of 2·7 which "has been due to the great variety of Infectious Diseases which have invaded the District. Diphtheria (1 death), Scarlatina (5), Membraneous Croup (1), Measles (2), Whooping Cough (3) and Diarrhœa (1) all contributing. . . ." "This prevalence of Zymotic Disease has been the cause of some increase in the Infantile Mortality (137) which is usually extremely low." Scarlet Fever was epidemic (105 cases, 5 deaths). Rochford, Lindridge, Goff's National, St. Michael's, Eastham, Knighton-on-Teme and Trinity National Schools were closed for Scarlet Fever, Measles or Diphtheria, and Lindridge and Goff's Schools on two such occasions during the year.

The scheme for supplying Tenbury with waterworks has been commenced. Dr. Thursfield states, "in connection with various isolated houses, and groups of houses, there are at Frith Common and elsewhere still numerous defects needing amendment."

Area in acres, 22,271.

Population 1881	...	4,850.
" 1891	...	4,787.
Decrease 1881-91	...	63.
Estimated Population 1894,		

Name of Medical Officer of Health, W. N. THURSFIELD, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
		117			80	16	12	3	3	18	28

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Group ("not Spasmodic")	Whooping Cough.	CONTINUED FEVERS.				Diarrhœa & Dysentery	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
2	5	1	1	3							1				1			4	24	8	5	25	

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 24·5	Death Rate, 16·6.
(a) Zymotic Death Rate, 2·7.	(b) Inf. Mortal, 137.
Phthisis Death Rate, ·7.	Resp. Death Rate, 4·5.
Smallpox Death Rate, 0·0.	Measles Death Rate, ·4.
Scarlatina Death Rate, 1·0	Diphtheria Death Rate, ·2.
Whooping Cough Death Rate, ·6.	(c) Fever Death Rate, 0·0.
Diarrhœa Death Rate, ·2.	Cancer Death Rate, 0·0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.



*Tenbury Rural District (Worcestershire Division).*

## VITAL STATISTICS.

	Average for the Years 1890 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	27.4	24.5	31.3	26.4											
Total death rate per 1,000 of the population. -	17.3	16.6	16.8	15.4	22.7	15.2									
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population. -	2.2	2.7	2.9	1.2	3.2	1.4									
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period. -	111	137	114	83											

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...			105	22	1			
Deaths ...			5	1				
Hospital Cases								
„ Deaths								

Diseases prevalent :—Measles, Scarlet Fever, Diphtheria.

Period :—June, July, January, February. March, May and June.

Schools closed :—

*Tenbury Rural District (Worcestershire Division).*

Systematic Inspection -	460 houses inspected, notices served, 270.
House Accommodation -	At several groups of houses at Frith Common and elsewhere, there are sanitary defects needing amendment.
Overcrowding -	
Sanitation -	House drains amended, 6.
Water Supply -	
Waste Disposal -	Closets altered, 4.
Drainage -	
Public Grounds and Mortuaries -	
Public Boats -	
Stables -	
Wash-houses -	
Common Lodging-houses -	
Private Lodging-houses -	
Stables, Cowsheds and Milkshops -	
Offensive Trades -	
Sale of Food and Drugs Acts -	
Food unfit for Human Consumption -	
Bye-laws -	
River Pollution -	
Industries -	
Cars and Tents -	
Fruit and Hop Pickers -	
Factories and Workshops -	
Special Reports of M.O.H. during the year	
Vaccination Acts -	
Other points -	

*Tewkesbury Rural District (Worcestershire Division).**Note by County Medical Officer.*

Dr. Turner states that "not a single case of Zymotic Disease "has been reported." It should, however, not be forgotten that the Notification Act is not in force, in spite of the Authority having been repeatedly urged by the Medical Officer of Health and you to adopt it.

Again I call your attention to the fact that the Tewkesbury Rural District Council is the only Board in Worcestershire who have failed in this respect. Dr. Turner recommends his Authority not to shelve the Isolation Hospital question. The Drainage and Water-supply of Bredon are reported to be unsatisfactory, and receiving attention.

Area in acres, 10,019.

Population 1881 ... 2,453.

" 1891 ... 2,488.

Increase 1881-91 ... 35.

Estimated Population 1894, 2,488

Name of Medical Officer of Health, A. F. TURNER.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
28	24	52	21	18	39	6	2	3	1	4	23

## MORTALITY FROM SUBJOINED CAUSES.

Smallpox.												
Measles.												
Scarlatina.												
Diphtheria.												
Croup (not "spasmodic")												
Whooping Cough.												
Typhus.												
Enteric or Typhoid.												
Other or Doubtful.												
Diarrhoea & Dysentery.												
Cholera.												
Rheumatic Fever.												
Erysipelas.												
Pyæmia.												
Puerperal Fever.												
Ague.												
Cancer.									1			
Phthisis.									3			
Pneumonia.									3			
Bronchitis & Pleurisy									7			
Heart Disease									7			
Injuries.									1			
Other Diseases.												17

## MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 20·8

Death Rate, 15·6.

(a) Zymotic Death Rate, 0·0.

(b) Inft. Mortal, 115.

Phthisis Death Rate, 1·2.

Resp. Death Rate, 3·6.

Smallpox Death Rate, 0·0.

Measles Death Rate, 0·0.

Scarlatina Death Rate, 0·0.

Diphtheria Death Rate, 0·0.

Whooping Cough Death Rate, 0·0.

(c) Fever Death Rate, 0·0.

Diarrhoea Death Rate, 0·0.

Cancer Death Rate, ·4.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

*Tewkesbury Rural District (Worcestershire Division).*

VITAL STATISTICS.

	Average for the Years 1890 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	20·8	20·8	24·1	23·7	14·8										
Total death rate per 1,000 of the population -	15·2	15·6	13·2	18·0	14·0	15·4									
Death Rate from the Seven Princip- al Zymotic Diseases per 1,000 of the population -	·2	0·0	·5	0·0	·4	·2									
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	61	115	73	105	54										

CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- eous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...								
Deaths ...								
Hospital Cases								
„ Deaths								

Diseases prevalent :—None.

Period :—

Schools closed ;—None,

*Tewkesbury Rural District (Worcestershire Division).*

Systematic Inspection -	Systematically inspected.
House Accommodation -	
Overcrowding - -	
Drainage - - -	Of Bredon under consideration, as main drain very dilapidated and requires repair.
Water Supply - -	The M.O.H. does not think the water supply of Bredon will ever be satisfactory unless drawn from Bredon Hill.
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses - -	
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops - - -	
Offensive Trades -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - - -	
Bye-laws - - -	
River Pollution -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	Little or no vaccination has been carried out.
Other points -	

*Upton-on-Severn Rural District.**Note by County Medical Officer.*

Mr. Cowley considers that by the transfer of The Chase, Pool Brook and The Wyche to Great Malvern District, Upton District has lost a population of 2,000. A large proportion of the 80 cases of mild Scarlet Fever occurred in Upton Parish.

A "Provisional Order," forming Upton (exclusive of Malvern Wells) and Pershore a Joint Hospital District, has been issued.

The Drainage of the Village of Powick is spoken of as "defective" in construction and in its disposal—the latter connected as it is "with the vexed question of the ditch and watercourse below it." It has been a recurring subject before the old Sanitary Authority, "and attempts have been made to remedy its condition, but with ill success. It must engage the attention of the Council before very long."

Area in acres, 52,046.

Population 1881	...	17,388.
" 1891	...	17,359.*
Decrease 1881-91	...	29.
Estimated Population 1894		14,345.

Name of Medical Officer of Health, J. S. COWLEY.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
174	165	339	97	128	225 <sup>d</sup>	42	7	4	12	59	101

## MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	CONTINUED FEVERS.			Diarrhoea & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy.	Heart Disease.	Injuries.	Other Diseases.
			1		3											13	19	10	8	16	5	150

## MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 23.6.

Death Rate, 15.6. (d)

(a) Zymotic Death Rate, .2. (d)

(b) Inf. Mortal, 123. (d)

Phthisis Death Rate, 1.3. (d)

Resp. Death Rate, 1.2. (d)

Smallpox Death Rate, 0.0. (d)

Measles Death Rate, 0.0. (d)

Scarlatina Death Rate, 0.0. (d)

Diphtheria Death Rate, .06. (d)

Whooping Cough Death Rate, .2. (d)

(c) Fever Death Rate, 0.0. (d)

Diarrhoea Death Rate, 0.0. (d)

Cancer Death Rate, .9. (d)

(a) Includes Smallpox, Measles, Scarletina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

(d) These figures exclude 95 deaths in the County Lunatic Asylum.

\* Including Powick Lunatic Asylum.

## Upton-on-Severn Rural District.

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	24.1	23.6	27.8	26.3	28.0	25.3	23.8	25.8	27.4	27.7	28.1	27.9	27.6	26.3	25.7
Total Death Rate per 1,000 of the population -	16.6	15.6	15.3	20.1	17.4	16.0	16.7	16.8	18.4	17.9	16.1	15.0	16.3	16.6	15.5
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	.7	.2	.6	.5	.7	.4	1.1	.4	.8	.8	1.4	.6	.4	1.0	.9
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. -	105	123	107	127	93	126	127	112	101	119	103	94	83	70	91

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..			80	9		2	10	1
Deaths ... ..				1				
Hospital Cases								
„ Deaths								

Diseases prevalent:—Scarlet Fever, Whooping Cough.

Period:—January, February, December.

Schools closed:—Upton-on-Severn, Longdon and Castlemorton.

*Upton-on-Severn Rural District.*

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Systematic Inspection -	Of Berrow, Birtsmorton and Castlemorton, advocated in 1892, not been done.
House Accommodation-	
Overcrowding - -	
Drainage - - -	Of Powick, must receive attention before long.
Water Supply - -	
Excrement Disposal -	
Scavenging - - -	
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	
Slaughter-houses -	
Common Lodging-houses - - -	
Tenement Lodging-houses - - -	
Dairies, Cowsheds and Milkshops .. -	Regret expressed that these are not registered.
Offensive Trades -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Bye-laws - - -	
River Pollution - -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts -	
Other points - - -	



*West Bromwich Rural District (Worcestershire Division).*

*Note by County Medical Officer.*

Dr. Welch presenting his last annual report on Warley (as the District is now amalgamated with Oldbury) points out that the Water-supply of many houses in Bristnall Fields again failed, and that for many years he has complained of the insanitary condition of Causeway Green without avail.

These insanitary conditions were emphasized at the Local Government Board Inquiry with regard to the annexation of Warley to Oldbury, and now that the Oldbury Urban District Council has taken the matter in hand, active operations may be looked for.

Area in acres, 1,928.

Population 1881,	...	2,210
„ 1891,	...	2,327
Increase	1881-91,	117
Estimated Population 1894		2,600

Name of Medical Officer of Health, J. B. WELCH, M.D.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
55	38	93	6	13	19	6	3	1	1	5	3

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not spasmodic?)	Whooping Cough.	CONTINUED FEVERS.		Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Aguc.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease.	Injuries.	Other Diseases.
						Typhus.	Enteric or Typhoid.	Other or Doubtful.							2	3	1	3			10

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 35.7.	Death Rate, 8.0.
(a) Zymotic Death Rate, 0.0.	(b) Inf. Mortal, 64.
Phthisis Death Rate, 1.1.	Resp. Death Rate, 1.5.
Smallpox Death Rate, 0.0.	Measles Death Rate, 0.0.
Scarlatina Death Rate, 0.0.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, 0.0	(c) Fever Death Rate, 0.0
Diarrhoea Death Rate, 0.0.	Cancer Death Rate, .7.

- (a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.  
 (b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.  
 (c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers

## West Bromwich Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years 1881 to 1894 in- clusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	34.2	35.7	29.1	33.2	36.6	39.3	30.9	39.1	37.4	33.1	35.5	30.4	32.9	28.5	38.4
Total Death Rate per 1,000 of the population -	13.5	8.0	12.8	12.0	20.0	14.4	14.8	11.9	17.5	18.0	13.5	14.9	10.3	9.2	12.2
Death Rate from the Seven Princi- pal Zymotic Diseases per 1,000 of the population -	1.9	0.0	2.3	2.0	2.9	1.0	1.4	2.3	1.9	3.8	2.0	4.1	1.7	1.3	2.2
Rate of Infant Mor- tality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Regis- tered during the same period -	135	64	133	132	151	122	275	117	139	220	154	101	145	127	65

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membran- ous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..	4		4			1	1	
Deaths ... ..								
Hospital Cases	4							
„ Deaths								

Diseases prevalent :—None.

Period :—

Schools closed :—None.

*West Bromwich Rural District (Worcestershire Division).*

Systematic Inspection -	Carried out.
House Accommodation -	Sufficient, generally well kept.
Overcrowding - -	No great amount.
Drainage - - -	Of Causeway Green defective.
Water Supply - -	Of many houses in Bristnall Fields again failed.
Excrement Disposal -	Privy middens universal.
Scavenging - - -	None.
Burial Grounds and Mortuaries - -	
Canal Boats - - -	
Bakehouses - - -	1 satisfactory.
Slaughter-houses - -	None.
Common Lodging-houses - - -	None.
Tenement Lodging-houses - - -	None.
Dairies, Cowsheds and Milkshops - - -	4 notices for limewashing given.
Offensive Trades - -	None.
Sale of Food and Drugs Acts - - -	None.
Food unfit for Human Consumption - - -	
Bye-laws - - -	
River Pollution - -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points - - -	

*Winchcombe Rural District (Worcestershire Division).**Note by County Medical Officer.*

The excessive mortality (23·8) accounted for by the 3 deaths registered (2 of which were Infants under one year, with an Infantile Mortality of 400) emphasizes the absurdity of estimating mortality statistics for small areas. Special prominence was given to the probability of this state of things in my first "Digest" (1889).

Area in acres, 1,560.

Population 1881 ... 171.

" 1891 ... 126.

Decrease 1881-91 ... 45.

Estimated Population 1894, 126.

Name of Medical Officer of Health, Wm. Cox.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards.
3	2	5	2	1	3	2					1

## MORTALITY FROM SUBJOINED CAUSES.

Smallpox.											
Measles.											
Scarlatina.											
Diphtheria.											
Croup ("not Spasmodic").											
Whooping Cough.											
Typhus.											
Enteric or Typhoid.											
Other or Doubtful.											
Diarrhoea & Dysentery											
Cholera.											
Rheumatic Fever.											
Erysipelas.											
Pyæmia.											
Puerperal Fever.											
Ague.											
Cancer.											
Phthisis.											
Pneumonia.											
Bronchitis & Pleurisy										1	
Heart Disease.											
Injuries.											
Other Diseases.											2

## MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 39·6.

Death Rate, 23·8.

(a) Zymotic Death Rate, 0·0.

(b) Inf. Mortality, 400.

Phthisis Death Rate, 0·0.

Resp. Death Rate, 7·8.

Smallpox Death Rate, 0·0.

Measles Death Rate, 0·0.

Scarlatina Death Rate, 0·0.

Diphtheria Death Rate, 0·0.

Whooping Cough Death, 0·0.

(c) Fever Death Rate, 0·0.

Diarrhoea Death Rate, 0·0.

Cancer Death Rate, 0·0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhoea.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Winchcombe Rural District (Worcestershire Division).

## VITAL STATISTICS.

	Average for the Years 1890 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population. -	39.5	39.6	47.7	55.5	31.7	23.3									
Total death rate per 1,000 of the population. -	18.9	23.8	7.9	31.7	7.9	23.3									
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population. -	0.0	0.0	0.0	0.0	0.0	0.0									
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period. =	234	400	0.0	286		250									

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles.	Scarlatina.	Diphtheria.	Membranous Croup.	Fever.	Erysipelas.	Puerperal Fever.
Cases ...								
Deaths ...								
Hospital Cases								
„ Deaths								

Diseases prevalent :—

Period :—

Schools closed :—

*Winchcombe Rural District (Worcestershire Division).*

Systematic Inspection -	
House Accommodation -	
Overcrowding -	
Sanitation - -	
Water Supply -	
Waste Disposal -	
Drainage - -	
Public Grounds and Mortuaries - -	
Public Boats - -	
Warehouses - -	
slaughter-houses - -	
Common Lodging-houses - -	
Private Lodging-houses - -	
Stables, Cowsheds and Milkshops - -	
Offensive Trades - -	
Control of Food and Drugs Acts - -	
Food unfit for Human Consumption - -	
Bye-laws - -	
Water Pollution - -	
Industries - -	
Circus and Tents - -	
Fruit and Hop Pickers -	
Factories and Workshops - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points - -	

*Worcester Rural District.*

*Note by County Medical Officer.*

Mr. Till observes that this is the last annual report he will present, as the Worcester Rural Sanitary District is now under the control of the Pershore and Droitwich Rural District Councils respectively.

Area in acres, 5,046.

Population 1881	...	1,022.
„ 1891	...	1,058.
Increase 1881-91	...	36.
Estimated Population 1894,		1,058.

Name of Medical Officer of Health, G. W. TILL.

REGISTERED BIRTHS.			REGISTERED DEATHS.			MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.					
Males.	Females	Total.	Males.	Females.	Total.	Under 1 year.	1 and under 5.	5 and under 15	15 and under 25.	25 and under 60	60 and upwards.
12	6	18	6	2	8	4	1		1		2

MORTALITY FROM SUBJOINED CAUSES.

Smallpox.	Measles.	Scarlatina.	Diphtheria.	Croup (not "spasmodic").	Whooping Cough.	Typhus.	CONTINUED FEVERS.			Diarrhœa & Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Cancer.	Phthisis.	Pneumonia.	Bronchitis & Pleurisy	Heart Disease	Injuries.	Other Diseases.
							Enteric or Typhoid.	Other or Doubtful.															
1																		1		3	1		2

MORTALITY PER 1,000 OF POPULATION LIVING DURING SAME PERIOD.

Birth Rate, 17.0.	Death Rate, 7.5.
(a) Zymotic Death Rate, .94.	(b) Inf. Mortality, 222.1
Phthisis Death Rate, .94.	Resp. Death Rate, 3.7
Smallpox Death Rate, 0.0.	Measles Death Rate, .94.
Scarlatina Death Rate, 0.0.	Diphtheria Death Rate, 0.0.
Whooping Cough Death Rate, 0.0.	(c) Fever Death Rate, 0.0.
Diarrhœa Death Rate, .00.	Cancer Death Rate, 0.0.

(a) Includes Smallpox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of births registered during the same period.

(c) Including Typhus, Enteric Fever and indefinite forms of continued Fevers.

## Worcester Rural District.

## VITAL STATISTICS.

	Average for the Years 1891 to 1894 inclusive.	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881
Birth Rate per 1,000 of the population -	17.0	17.0	20.7	14.1	16.5										
Total Death Rate per 1,000 of the population -	10.8	7.5	11.3	17.0	18.6										
Death Rate from the Seven Principal Zymotic Diseases per 1,000 of the population -	.4	.9	0.0	0.0	.9										
Rate of Infant Mortality estimated by measuring the proportion of Children who Died before Attaining 1 Year per 1,000 of the Births Registered during the same period -	153	222	90	66	235										

## CASES OF INFECTIOUS DISEASES.

	Smallpox.	Measles,	Scarlatina.	Diphtheria.	Membranous Croup	Fever.	Erysipelas.	Puerperal Fever.
Cases ... ..		1	3					
Deaths ... ..		1						
Hospital Cases								
„ Deaths								

Diseases prevalent :—

Period :—

Schools Closed :—



*Worcester Rural District.*

Systematic Inspection -	
House Accommodation-	
Overcrowding - -	
Drainage - - -	
Water Supply - -	
Excrement Disposal -	
Scavenging - -	
Burial Grounds and Mortuaries - -	
Canal Boats - -	
Bakehouses - - -	
Slaughter-houses - -	
Common Lodging- houses - - -	
Tenement Lodging- houses - - -	
Dairies, Cowsheds and Milkshops - -	In good sanitary condition.
Offensive Trades -	
Sale of Food and Drugs Acts - - -	
Food unfit for Human Consumption - -	
Bye-laws - - -	
River Pollution -	
Industries - - -	
Vans and Tents - -	
Fruit and Hop Pickers -	Found satisfactory.
Factories and Work- shops - - -	
Special Reports of M.O.H. during the year	
Vaccination Acts - -	
Other points -	









TABLE C

Table C showing Populations, Birth-rates, and Death-rates.

URBAN SANITARY DISTRICTS.

DISTRICT.	Population in 1891.	Birth rate per 1000 of Population.	Death rate per 1,000 of Population.	Infantile Mortality per 1,000 registered births	Phthisis death rate per 1,000 of Population.	Respiratory death rate per 1,000 of Population.	Cancer death rate per 10,000 of Population.	Mortality per 1,000 of population for						
								Smallpox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Fever.	Diarrhoea
Bewdley - - - - -	2,876	33·7	15·1	132	1·0	2·7	3·4	0·0	1·3	0·0	0·0	0·0	0·0	·34
Bromsgrove Country - - - - -	5,072	26·2	13·3	148	·19	1·7	9·0	0·0	·19	0·0	·19	·38	0·0	0·0
Bromsgrove Town - - - - -	7,934	28·4	15·8	106	1·3	3·4	7·5	0·0	·12	·12	0·0	0·0	0·0	·75
Droitwich - - - - -	4,021	27·7	24·8	140	·5	4·2	10·0	·25	0·0	·5	0·0	0·0	·5	·25
Evesham - - - - -	5,836	31·5	13·5	97	·6	2·5	1·77	·17	·51	0·0	·17	·51	0·0	0·0
Kidderminster - - - - -	24,803	25·6	15·6	121	·8	2·7	7·0	0·0	·6	·04	·16	0·0	·04	·16
Malvern, Great - - - - -	6,107	14·7	13·7	175	·8	3·0	8·0	0·0	0·0	0·0	·32	0·0	·16	0·0
Malvern Link - - - - -	4,589	22·4	14·0	107	2·0	2·2	6·0	0·0	0·0	0·0	·2	0·0	0·0	0·0
Oldbury - - - - -	20,348	39·6	16·1	172	·6	3·6	3·0	0·0	0·0	·04	·04	·3	·19	·6
Redditch - - - - -	11,295	28·3	11·0	78	1·6	2·0	4·0	0·0	·6	0·0	0·0	·08	0·0	·2
Stourbridge - - - - -	9,386	28·1	13·1	132	·8	2·2	3·0	0·0	·2	0·0	·09	·09	·09	·09
Stourport - - - - -	3,504	26·2	15·7	86	·8	·8	8·4	0·0	·8	·2	0·0	0·0	0·0	0·0
<b>RURAL SANITARY DISTRICTS.</b>														
Alcester - - - - -	5,744	24·7	15·1	161	1·9	4·4	3·4	0·0	·17	0·0	0·0	·17	0·0	0·0
Bromsgrove - - - - -	11,834	23·6	10·4	70	·8	1·8	3·0	·07	·07	·07	0·0	0·0	·07	·1
Bromyard - - - - -	417													
Clebury Mortimer - - - - -	2,252	31·9	14·5	69	·7	3·1	0·0	0·0	0·0	·4	0·0	0·0	0·0	0·0
Droitwich - - - - -	14,211	28·0	10·2	120	·4	1·3	5·6	·07	0·0	·07	·07	0·0	0·0	0·0
Evesham - - - - -	7,142	30·5	12·6	73	·5	1·6	2·8	0·0	0·0	0·0	0·0	0·0	0·0	·28
Kidderminster - - - - -														
Kidderminster Division - - - - -	2,831	26·1	12·0	67	1·0	1·7	3·5	0·0	0·0	1·4	·7	0·0	0·0	0·0
Wolverley Division - - - - -	2,751	23·6	13·0	169	·7	2·9	3·0	0·0	·7	·3	0·0	0·0	0·0	·3
Bewdley Division - - - - -	2,117	20·7	14·6	181	·4	2·3	9·4	0·0	1·8	0·0	0·0	0·0	0·0	0·0
Chaddesley Corbett Division - - - - -	2,242	26·7	14·7	50	1·3	1·3	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
King's Norton - - - - -	28,300	25·3	14·2	114	1·7	2·8	7·4	·13	·27	·06	·06	·15	·06	·03
Ledbury - - - - -	379													
Martley - - - - -	12,044	27·9	16·8	92	·6	2·4	6·6	0·0	·3	·3	0·0	0·0	0·0	0·0
Newent - - - - -	1,308	15·2	9·9	100	0·0	3·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Pershore - - - - -	13,005	26·8	14·2	113	·6	1·9	6·0	0·0	0·0	·21	·07	·14	0·0	0·0
Shipston-on-Stour - - - - -	4,754	21·4	15·0	70	1·0	2·3	0·0	0·0	0·0	·2	0·0	0·0	0·0	0·0
Solihull - - - - -	17,141	26·8	11·8	125	1·1	2·0	0·0	·18	·36	0·0	0·0	·3	·09	·1
Stourbridge - - - - -	34,159	39·0	16·1	150	·5	2·7	4·0	·02	1·9	·14	·02	·38	·29	·49
Stow-on-the-Wold - - - - -	337	14·8	11·8	0·0	5·9	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Stratford-on-Avon - - - - -	433	24·0	12·0	100	0·0	2·4	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Tenbury - - - - -	4,787	24·5	16·6	137	·7	4·5	0·0	0·0	·4	1·0	·2	·6	0·0	·2
Tewkesbury - - - - -	2,488	28·0	15·6	115	1·2	3·6	4·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Upton-on-Severn - - - - -	17,359	23·6	15·6	123	1·3	1·2	9·0	0·0	0·0	0·0	·06	·2	0·0	0·0
West Bromwich - - - - -	2,327	35·7	8·0	64	1·1	1·5	7·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Winchcombe - - - - -	126	39·6	23·8	400	0·0	7·8	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Worcester - - - - -	1,058	17·0	7·5	222	·9	3·7	0·0	0·0	94	0·0	0·0	0·0	0·0	0·0







THE UNIVERSITY OF CHICAGO

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10