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Contributors

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BOROUGH OF NEW WINDSOR.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE


INSPECTOR OF NUISANCES

FOR THE YEAR 1906.

Windsor :

OXLEY AND SON, PRINTERS TO THE KING, HIGH STREET

—
1907.



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BOROUGH OF NEW WINDSOR.

ANNUAL REPORT

OF THE

Medical Officer of Health,

For the Year 1906.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF NEW WINDSOR.

GENTLEMEN,

The population of the Borough of Windsor, **Population.**
as estimated in the usual way, at Midsummer 1906, was
13,855, of whom about 1,147 were resident in the Barracks.

The number of births registered during the year was 259, **Births.**
that being 40 less than the mean number for the preceding ten
years and below any previous record. The birth-rate per 1,000 **Birth-rate.**
persons living was 18·7 in Windsor, and 27 in England and
Wales.

The number of deaths, corrected in respect of those which **Deaths.**
took place in public institutions, was 177, and the death-rate
was 12·8 per 1,000 persons living, closely corresponding with
the mean rate for the preceding decade.

For fair comparison with the general rate of mortality, a **Death-rate.**
correction should be made for the local abnormality of age
distribution. Thus corrected, the death rate in Windsor would
appear to have been 14·2, while the rate for the whole country
was 15·4, and, in the country districts, excluding large
towns, 15·0.

**Death's
of Infants.**

Of infants, in their first year of life, 29 died, in the proportion, that is, of 112 to 1,000 born, a rate closely corresponding to the Windsor average, but comparing very favourably with the general rate of infant mortality, which was 133 per 1,000 births

An analysis of the causes of the deaths of infants is given in table V. It does not afford much ground for the belief that any considerable proportion of such deaths might be prevented. Of the 29 deaths, 5 were attributed to diarrhœal diseases, 2 to mal-nutrition, 1 to tubercle, and 5 to bronchitis or pneumonia, and some of these might probably have been obviated by more careful and intelligent nursing.

**Death-rate
of Children.**

The death-rate of children under five years old was 35 per 1,000 living.

**Zymotic
death-rate.**

To the seven "principal zymotic diseases" 18 deaths were attributed, showing a rate of 1.3 per 1,000 persons living, while the corresponding rate for England and Wales was 1.7. No case of Small-pox or of Enteric fever was notified, the continued absence of the latter disease being remarkable and very much to the credit of the sanitary condition of the town.

Scarlet fever.

Of scarlet fever 8 cases were notified, but no death resulted. This disease has caused only 8 deaths in the last twenty years.

**Diphtheria,
Epidemic of.**

Diphtheria was prevalent during the whole year to a very unusual degree. Forty-five cases were reported, and six deaths. The disease had not previously been epidemic in the town within my experience, and the causes of the outbreak and the means by which the contagion spread quite eluded my search. Three-fourths of the sufferers were school children, but there was no special incidence on any particular school; neither could the infection be traced to milk, or to sanitary defects in the homes. The forty-five cases were distributed in thirty-four houses, scattered throughout the town. Nine of the cases were due to secondary infection from another member of the family, but, except in one or possibly two instances, there was no spread of the disease beyond the limits of the family from any *known* case.

It does not seem probable, therefore, that the provision of an isolation hospital would have done much towards checking the dissemination of the infection, but there is no doubt that for this disease hospital treatment is much to be desired. I do not think that a hospital situated at a distance of three miles from the doctor's residence would be satisfactory for the purpose. Why should not a separate block in connection with the projected King Edward VII. Hospital be provided for the reception of diphtheria patients? I am sure that there is no well-grounded objection to the suggestion. Early in the year the Health Committee, at my request, sanctioned the free supply of antitoxin, to be used for protective purposes, and the result of this experiment was very encouraging, for not one of the twenty-five children who were treated with the serum afterwards caught the disease, while among others, not so treated, secondary infection was not infrequent.

Whooping Cough was prevalent among the children at the Spital and Alexandra Road Infant Schools in the early months of the year, and an outbreak of Measles occurred in the latter school in September and October.

**Whooping
Cough.**

Measles.

Zymotic Diarrhoea caused 6 deaths, a number somewhat below the average. The Meteorological conditions were such as might have been expected to favour the disease.

Diarrhoea.

Pulmonary Consumption caused only 13 deaths. The mortality from this disease during the last four years has been at the rate of 1 per 1,000 persons, which is just half of the average rate in the decade 1881—90, and we may be encouraged to hope that when improved sanitary conditions and more generally diffused knowledge have had time to work their full effects this disease will lose much of its terrors.

Phthisis.

I have made the usual systematic inspections of the district, and have received from the Sanitary Inspector weekly reports of the nuisances and other sanitary defects which he had discovered. Reports of defects on 158 premises were so

Inspections.

received. In 148 cases the defects were remedied and in ten no action seemed to be proper.

Only two cases of serious overcrowding were discovered.

I had occasion, shortly before the end of the year, to make a representation concerning 7 houses that they were unfit for habitation, and my report was confirmed by the Council. This matter is still pending.

The Public Elementary Schools were visited as occasion required. I did not find it necessary to ask for the closure of any school, but I made the recommendation that children under five years should not be encouraged to attend during the prevalence of measles at a school.

**Workshops &
Outworkers.**

Inspections of the Milkshops, Bakehouses, and other Workshops and Work-places, and also of the dwellings of outworkers were carried out by Mr. Mellows, under my superintendence. Details are given in a table appended to this report.

Water Supply.

Samples of water from the Borough Waterworks were submitted to chemical and bacterioscopic examination three times during the year, and the reports received were, as has always been the case, very satisfactory.

Food & Drugs.

Thirty-eight samples of food and drugs were taken and sent for analysis. All were reported to be genuine except two samples of butter which were found to contain too much water. In one of these the excess was but small, and the other was labelled "milk blended." Prosecution was not thought advisable in either case.

**Isolation
Hospital.**

The Windsor and Egham Joint Hospital Board held several meetings. The Small-pox Hospital on the Ham Fields has been maintained in a state of readiness, but no occasion for its use arose during the year.

The Steam Disinfector at Dedworth has been in frequent use and continues to be very satisfactory. **Disinfector.**

The number of new houses completed was six.

New Houses.

The usual statistical tables are appended.

I have the honour to be,

Mr. Mayor and Gentlemen,

Your obedient servant,

EDWARD CASEY.

PARK STREET,

January 28th, 1907.



TABLE I.

Vital Statistics of whole District during 1906 and Previous Years.

YEAR.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.				
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.		Total Deaths in Public Institutions in the District.	Deaths of Non-Residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Number.	Rate.*
				Number.	Rate per 1,000 Births registered	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1896	12803	298	23.3	34	114	166	13.0	14	7	9	168	13.1
1897	12896	305	23.7	30	98	164	12.7	27	19	20	165	12.8
1898	12990	303	23.3	53*	175	203	15.6	19	13	16	206	15.8
1899	13085	311	23.8	32	103	170	13.0	15	8	26	188	14.4
1900	13886	268	19.2	23	88	184	13.2	19	12	12	184	13.3
1901	13983	320	22.8	28	98	184	13.2	31	22	14	176	12.6
1902	14080	323	22.9	28	87	187	13.3	25	21	12	178	12.6
1903	13557	275	20.3	26	94	163	12.0	36	28	23	158	11.7
1904	13655	295	21.6	44	149	182	13.3	36	22	18	178	13.0
1905	13755	289	21	32	111	163	11.8	32	23	12	152	11.1
Averages for years 1896-1905	13469	299	22.2	33	110	177	13.1	25	17	16	175	13.0
1906	13855	259	18.7	29	112	176	12.7	30	22	23	177	12.8

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.
 Total population at all ages..... 18,958 }
 Number of inhabited houses 2,497 } At Census of 1901.
 Average number of persons per house 5.59 }

TABLE III.

Cases of Infectious Disease notified during the Year 1906.

CASES NOTIFIED IN WHOLE DISTRICT.							
Notifiable disease.	All ages.	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 up' ds.
Small-pox	0	0	0	0	0	0	0
Diphtheria	45	0	10	26	3	5	0
Erysipelas	12	0	0	0	0	0	0
Scarlet Fever...	8	0	0	5	1	0	0
Enteric Fever...	0	0	0	0	0	0	0
Puerperal Fever	1	0	0	0	0	0	0
TOTALS ...	66	0	10	31	4	5	0

TABLE IV.

Table of Deaths during the year 1906 in the Windsor Urban District,
classified according to Diseases, Ages, and Localities.

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.							Total Deaths whether of residents or non-resi- dents in Public In- stitutions in the District.
	All ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	
Small-pox	0	..	..	..	..	..	..	..
Measles	4	..	4	..	..	..	..	..
Scarlet fever	0	..	..	..	..	..	..	..
Whooping cough	2	2	..	..	..	..	..	..
Diphtheria and membranous croup	6	..	3	3	..	..	..	..
Enteric fever	0	..	..	..	..	..	..	1
Epidemic influenza	3	..	..	..	..	3	..	..
Diarrhœa	6	5	1	..	..	..	..	..
Enteritis	0	..	..	..	..	..	..	2
Erysipelas	2	..	..	..	..	2	..	..
Phthisis	13	..	..	..	2	11	..	..
Other tubercular diseases ..	1	..	..	..	..	1	..	..
Cancer, malignant disease ..	16	..	..	..	..	10	6	1
Bronchitis	11	1	1	..	..	2	7	2
Pneumonia	10	4	1	..	..	2	3	..
Pleurisy	0	..	..	..	..	..	..	..
Other diseases of Respiratory Organs	2	..	1	..	..	..	1	..
Alcoholism, cirrhosis of liver ..	6	..	..	..	..	4	2	..
Venereal diseases	1	1	..	..	..	..	..	..
Premature birth	6	6	..	..	..	..	..	..
Diseases and accidents of parturition	1	..	..	..	..	1	..	..
Heart diseases	21	..	..	..	..	7	14	1
Accidents	4	..	..	..	1	3	..	2
Suicides	2	..	..	..	..	2	..	1
All other causes	60	10	2	1	1	23	23	20
TOTAL	177	29	13	4	4	71	56	30

In recording the facts under the various headings of Tables I., III. and IV., attention has been given to the notes on the Tables.

EDWARD CASEY, *Medical Officer of Health*

January 11th, 1907.

TABLE V.—INFANTILE MORTALITY DURING THE YEAR 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

Cause of ath.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year
	8	...	2	..	10	5	3	1	1	...	2	1	3	1	...	2		29
All Causes—Certified	...	...	2	..	10	5	3	1	1	...	2	1	3	1	...	2	29
Whooping Cough	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2
Diarrhoea	..	..	..	..	..	1	1	..	1	..	1	..	..	..	..	..	4
Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Premature Birth	5	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	6
Congenital Defects	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Injury at Birth	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Atrophy, Debility, Marasmus	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Syphilis	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
Meningitis (not Tuberculous)	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Bronchitis	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
Pneumonia	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	2	4
Other Causes	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
	8	...	2	..	10	5	3	1	1	...	2	1	3	1	...	2	29

ANNUAL REPORT FOR THE YEAR 1906.

TO THE NEW WINDSOR URBAN SANITARY AUTHORITY.

GENTLEMEN,

I have the honour to present the following Report on the Sanitary work done by your Inspector during the twelve months ending the 31st December, 1906.

A house to house inspection has been made of the following localities :—

Locality.	Number of times.	Locality.	Number of times.
Arthur Road.....	4	Goswell Place	4
Ann's Place	2	Goswell Cottages	4
Acre Passage	3	Gloucester Place	2
Albany Road	1	Helena Road... ..	1
Albion Place	3	Kepple Row	3
Alma Cottages	4	King's Terrace	4
Bridgewater Terrace	6	King's Road (4 to 20)	1
Bachelors' Place	2	Leworth Place	1
Barrack Lane	2	Melbourne Place	1
Brook Street	2	Oxford Road	1
Bourne Avenue	3	Prince Consort's Cottages... ..	3
Bolton Road	1	Peascod Street	1
Charles Street	6	Red Lion Row	6
Charles Street Cottages ..	6	River Street	3
Charles Place	6	Sydney Place	4
Clarence Clump	6	St. Leonard's Road (4 to 28) ..	1
Church Street	2	South Place	6
Cambridge Place	1	St. Mark's Road	1
Devereux Road.....	2	St. Mark's Place	1
Dagmar Road	2	Sun Passage	4
Distil House Row	6	Victor Road	1
Datchet Road	1	Tolladay Place	4
Garden Court	7	Temple Road	1
Grove Road	1	Thames Street	1
Grove Place	3	Victoria Street	1
Great Western Place	4	Victoria Cottages	3
Goswell Hill	4	William Street	1

House-to-house inspection as to the following number of premises	3,499
Special visitations on complaints	79
Re-inspections to ascertain if defects are remedied	365

Works done to procure abatement of nuisances and improvement of Sanitary fittings as follows :—

New house drains provided	2
House drains unstopped	24
" " repaired	6
" " ventilated	1
" " tested	7
" " inlets to, provided with traps	3
Water closets unstopped	18
" " drains to, repaired... ..	11
" " flushing apparatus to, repaired	27
" " new basins to, provided	7
" " repaired	17
Sinks, waste pipes to, properly disconnected	2
" gully to, repaired	7
" inlets to, from drain properly trapped	5
" reconstructed	1
Various nuisances	26
Damp walls of houses improved by damp course and ventilation	23
Yard pavings amended	19
Rain water pipes repaired	3
Roofs of houses and gutterings repaired... ..	29
Interiors of houses cleansed, whitened, and repaired	70
Cases of overcrowding abated	3
Animals kept as to be a nuisance	2
Nuisance from foul deposits and manure abated	20
New dust-bins provided	6
Nuisance from condition of urinals abated	2

INFECTIOUS DISEASES PREVENTION ACT, 1890.

Disinfection has been carried out in the following cases :—

Scarlet Fever, notifiable..	...	...	...	...	6
Diphtheria	„	...	...	...	43
Erysipelas	„	...	...	...	3
Phthisis	}	not notifiable	...	...	3
Consumption			...	...
Cancer ...	„	...	...	...	3
Number of infectious diseases notified was	...	...	...	...	58
Number of rooms disinfected was	...	...	...	...	47
Number of articles of bedding destroyed	...	...	...	...	94
Number of articles of bedding disinfected	...	...	...	...	332
Loads of bedding, etc., disinfected	...	...	...	...	15

The following school was disinfected :—

Holy Trinity Infants.

Complaints of Nuisances attended to	...	...	...	...	89
Letters written asking for abatement of nuisances	...	...	...	...	203
Information of nuisances to Sanitary Authority	...	...	...	...	7
Statutory notices served	...	...	...	...	5
Prosecutions	...	...	...	...	nil
Defective water fittings discovered and repaired	...	...	...	...	71

DAIRIES, COWSHEDS AND MILKSHOPS ORDER, 1885.

The premises of the persons engaged in this business have been visited periodically, and a careful inspection made of the utensils in use.

CANAL BOATS ACT.

The number of Canal Boats inspected during the year 1906 was one. No infringement of the regulations was discovered. Very few barges call at Windsor now.

FACTORIES AND WORKSHOPS ACT.

Outworkers premises inspected, 21. An inspection has been made of 177 Factories, Workshops and Workplaces. The majority of these were found in good order. Where necessary notices were served and defects remedied.

SALE OF FOOD AND DRUGS ACT.

During the twelve months ending December, 1906, I purchased and forwarded to the Public Analyst 38 Samples consisting of 10 Milk, 11 Butter, 4 Lard, 4 Cheese, 2 Pepper, 2 Arrowroot, 2 Flour, 2 Sweets, 1 Cocoa.

The Analyst's reports on the various samples submitted were forwarded to the Medical Officer of Health and the Town Council acting as the Urban Sanitary Authority.

A general inspection of the courts and poor localities has been made every two months.

The Common Lodging Houses have been visited daily, no cases of infectious diseases have been notified or discovered.

The Slaughter Houses have been frequently inspected ; your regulations were found complied with in every particular.

FISH AND FRUIT UNFIT FOR FOOD.—At the request and by consent of the owners, 53 stone of fish consisting of Haddocks and Whiting have been destroyed, also six baskets of Strawberries.

The Market and shops have been kept under supervision, no bad meat, fish, fruit or any article of food unfit for human consumption has been found exposed for sale.

Your obedient Servant,

S. W. MELLOWS.

Inspector of Nuisances.

,, *Food and Drugs.*

,, *Canal Boats.*

,, *Factories and Workshops.*

STATE OF MICHIGAN

IN SENATE,
January 15, 1901.

REPORT
OF THE
COMMISSIONER OF THE LAND OFFICE

FOR THE YEAR
ENDING DECEMBER 31, 1900.

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