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CITY OF WINCHESTER.

ANNUAL REPORT

OF THE

Medical Officer of Health

For the Year 1904,

AND

The Report of the Victoria Hospital,

AND

THE REPORT

OF

THE INSPECTOR OF NUISANCES.

Printed by Order of the Winchester Urban District Council.

THOS. C. LANGDON, F.R.C.S.,

Medical Officer of Health.

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CITY OF WINCHESTER.



ANNUAL REPORT

OF THE

Medical Officer of Health

For 1904.

To the Urban District Council of the City of Winchester.

GENTLEMEN,

The following Report for the year 1904 may be regarded as containing a favourable record of the health of the Winchester Urban District for that period.

The Population which was last year estimated at 21,491 is believed to have further increased to 22,272 by the addition of new houses chiefly in the West and Central Localities and by a greater average strength at the Barracks.

The total Deaths were 277, being slightly in excess of the preceding year, giving the very satisfactory Death Rate of 12·4 per 1000.

The Deaths occurred at the following ages :—

Deaths under 1 year	...	...	...	45	62	277
„ at 1 „ and under 5	...	...	...	17		
„ at 5 years „ 15	...	...	...	4	215	
„ at 15 „ „ 25	...	...	...	14		
„ at 25 „ „ 65	...	...	...	97		
„ at 65 „ and upwards	...	...	...	100		

These figures show a slight decrease in deaths of infants, while the deaths of aged persons have somewhat increased; of these 44 died at 80 and upwards and 4 were over 90.

Four Tables are appended as requested by the Local Government Board.

The same grouping of Parishes is adopted as in former years.

The figures in the following Table are of special interest :—

LOCALITY.	The Whole District.	West. *	East. †	Central. ‡	Barracks
Persons to an acre	11·6	...	...	...	...
Deaths per 1000	12·4	11·3	15·5	13·3	5·5
Percentage of Deaths of Children under 5 years	22·3	21·4	30	18·2	38
Births per 1000	21·1	20·5	26·6	20·5	10·2
Percentage of Deaths of Children under 1 year to Births	9·5	10·3	13·2	6·2	9·09
Deaths from 7 Principal Zymotic Diseases	14	5	2	6	1
Deaths per 1000 from Zymotic Diseases	0·6	...	...	...	...

* West—St. Thomas, St. Faith, and Weeke.

† East—St. Peter Cheesehill, Milland, St. John, Winnall, and Chilcombe.

‡ Central—St. Maurice, St. Mary Kalendar, St. Michael, St. Lawrence, St. Bartholomew Hyde, St. Peter Colebrook, and St. Swithun.

Of the Infectious Diseases 158 were notified.

The rate of death under the head of Zymotic Diseases was 0·6 per 1000.

The following details relate to separate Infectious Diseases :—

DIPHTHERIA.—86 cases were notified and 3 proved fatal. Of these, 2 died in the Victoria Hospital. The following shows the incidence of disease in each month :—

Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
9	6	7	3	3	2	0	0	9	3	26	18	86

Forty-nine cases were isolated in Hospitals.

The disease being prevalent in the early part of the year among persons frequenting one particular school it was closed from February 9th to March 9th. There were no cases during the months of July and August. In the later months of the year there was a remarkable and sudden outbreak of this disease and suspicion soon fastened on the milk supply as the probable cause. Between November 13th and December 5th out of 35 consecutive cases 34 procured their milk from the same dairy. 2 samples obtained at the dairy, one from each farm by which this dairy was supplied, were submitted to the Clinical Research Association for examination and the specific organism of Diphtheria was found in each. The farms were visited; nothing wrong was discovered, and further samples of milk obtained at each were reported on favourably by the same Association. How the bacilli first found their way to the milk in this dairy has not been ascertained. These premises and the vessels used have been thoroughly disinfected and purified and the disease has died out. It is satisfactory to record that most of the Medical Practitioners in the district now recognise the importance of using Anti-Toxin Serum in the treatment of this disease in its early stages. It is unfortunate that many persons seem erroneously to consider that Diphtheria is not infectious. In 23 of the houses where Diphtheria occurred sanitary defects of importance were discovered.

ERYSIPELAS.—11 cases were notified.

SCARLET FEVER.—51 cases were notified. 1 died. 47 were isolated in hospitals and 4 were treated in private houses. In 2 houses there were 4 cases each, in three 3 each, and in two 2 each, the rest occurred singly. At houses where these cases occurred sanitary defects were found in 7 of them.

ENTERIC FEVER.—10 cases were notified. 2 were brought to the County Hospital from another district and 1, a nurse, probably contracted the disease from a patient. 1 brought the disease from elsewhere. Of the remaining 6, in 1 the diagnosis was doubtful, 1 came from the Winchester Barracks, 2 had resided where the drains were defective, 1 had been employed in insanitary premises, and 1 was attributed to drinking polluted water.

MEASLES.—Sometimes very prevalent, 1 death recorded.

WHOOPING COUGH.—2 deaths recorded.

DIARRHŒA.—6 deaths recorded, 4 among young children and 2 of aged persons.

INFLUENZA.—Not very prevalent, the deaths of two aged persons were attributed to this disease.

PHTHISIS.—The number of deaths was 25, the same as last year. The premises where deaths have occurred have for the most part been disinfected. The efforts to provide a Sanatorium for Winchester and neighbourhood have received so little support and encouragement that no real progress has been made.

The arrangement made with the Barracks to receive cases of Infectious Disease is still in force and 9 cases were admitted in 1904.

Disinfection was carried out at 80 houses during the year. The Steam Disinfecting Apparatus was working on 44 occasions.

The expenses of this disinfecting were as follows :—

			£	s	d
Horse Hire for Van	..	...	19	7	3
Labour	...	...	14	3	0
Coal	...	...	5	17	1
Cost of Disinfectants	...	...	14	14	0
Superintendent	...	...	10	0	0
Repairs	...	...	1	2	0
			65	3	4
Amount repaid	...		6	8	11
			£58	14	5

WORKSHOPS AND WORKPLACES.

Visits were made to 130 establishments containing 145 Workrooms and Workshops. Of these, 102 were found satisfactory, 33 conditions required improvement, chiefly the want of sufficient cleanliness; 652 persons were employed in these establishments.

Fifty-one houses have been inspected where 71 Outworkers were employed. 49 rooms were found satisfactory and the rest more or less dirty. At all these places notices were given either verbally or in writing to correct the defects and these have been for the most part complied with. A marked improvement was observed since last year, there was greater cleanliness and ventilation was being better attended to. A smaller number of Outworkers were working in living and sleeping rooms.

The 2 underground Bakehouses have been replaced by others on the ground level. At 3 Bakeries ovens of modern construction have replaced those previously existing. 1 Outworker has been deprived of his work on account of want of cleanliness in house and person. At 1 Workplace cleanliness has been enforced after inspection.

The result of the inspections is set down in tabular form :—

Trade	Number of Establishments	Number of Workshops	Number of Persons Employed				Number found Satisfactory	Number of defects found			
			Male	Fe-male	Young Persons			Drainage and Structural	Overcrowding	Want of Cleanliness	Insufficient Ventilation
					Male	Fe-male					
Ironmongers	3	6	26	...	8	...	3	...	...	...	...
Coachbuilders	4	19	44	...	13	...	4	...	...	...	...
Tailors	12	20	84	4	9	...	9	...	...	2	1
Bakers	32	...	58	..	9	...	20	1	...	12	...
Carpenters and Joiners	7	11	27	...	...	...	5	1	...	1	...
Wood Carvers	1	1	7	..	...	...	...	1	...	...	...
Wheelwrights	2	3	8	...	1	...	2	...	...	...	...
Confectioners	2	2	2	...	1	...	1	...	...	1	...
Picture Framers	2	2	4	...	1	...	1	...	...	1	...
Harness Makers	5	5	21	...	..	...	5	...	...	...	...
Scale and Cycle Makers	4	4	7	...	1	...	3	1	...	1	..
Shoemakers	12	12	23	...	3	...	12	...	...	...	...
Laundresses	7	18	...	41	...	...	5	...	...	2	...
Monumental Mason	1	1	5	...	...	...	1	...	...	...	...
Upholsterers	6	16	26	8	4	1	5	...	...	1	...
Corset Makers	1	1	...	3	...	...	1	...	...	...	...
Dressmakers & Milliners	15	24	...	48	...	111	12	...	...	3	...
Painters and Plumbers	6	10	18	...	2	...	6	...	...	...	...
Golf Club Maker	1	1	1	...	...	...	1	...	...	...	...
Basket Maker	1	1	2	...	1	...	...	...	...	1	...
Organ Builder	1	1	1	..	...	...	1	..	...	...	...
Smiths and Gas Fitters	5	7	15	...	1	...	5	...	...	...	...
1 Workplace	...	...	3	...	...	...	...	...	...	1	...
Totals	130	145	382	104	54	112	102	4	...	26	1

OUT-WORKERS.

Trade	Number of Homes	Places where work was done		Number of Persons Employed			Number found satisfactory	Number of defects found	
		Work-room	Living or Sleeping room	Male	Female	Young Persons		Want of Cleanliness	Drainage and Structural
Shoemakers ...	5	2	3	5	...	...	5	...	...
Shirtmakers and Seamstressesses ...	2	..	2	...	...	...	2	...	...
Tailors ...	44	33	11	53	6	7	42	2	...
Totals ...	51	35	16	58	6	7	49	2	...

The following Table is supplied at the request of the Home Office.
Annual Report of Medical Officer of Health for 1904 for the Urban District
of Winchester.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND HOMEWORK.

I.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories	..	..	..
(including Factory Laundries)			
Workshops	129	..	..
(including Workshop Laundries)			
Workplaces	1	..	..
Homeworkers' Premises	51	..	..
Total	181	..	..

II.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts—*</i>				
Want of cleanliness	26	26	NONE.	NONE.
Want of ventilation	1	..		
Overcrowding	..	..		
Want of drainage of floors	..	..		
Other nuisances	4	4		
†Sanitary accommodations	1	..		
} insufficient	..	..		
} unsuitable or defective	..	..		
} not separate for sexes	..	..		
<i>Offences under the Factory and Workshop Act—</i>				
Illegal occupation of underground bake-house (S. 101)	..	..	NONE.	NONE.
Breach of special sanitary requirements for bakehouses (SS. 97 to 100)	..	..		
Failure as regard lists of outworkers (S.107)	..	..		
Giving out work to (unwholesome (S.108) be done in premises which are	1	1		
} infected (S. 110)	..	..		
Allowing wearing apparel to be made in premises infected by scarlet fever or small-pox (S. 109)	..	..		
Other offences	..	..		
Total	33	31		

* Including those specified in Sections 2, 3, 7 and 8, of the Factory Act as remediable under the Public Health Acts.

† For districts not in London state here whether Section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and if so what standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.

III.—OTHER MATTERS.

Class.							Number.
Matters notified to H.M. Inspectors of Factories :—							
Failure to affix Abstract to the Factory and Workshop Act (S. 133)							
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act, (S. 5)							
Notified by H.M. Inspector ..							
Reports (of action taken) sent to H.M. Inspectors ..							
Other							
Underground Bakehouses (S. 101) :—							
In use during 1903							2
Certificates granted { in 1903							
{ in 1904							
In use at the end of 1904							
Homework :—							
List of Outworkers* (S. 107) :—							
Lists received							Lists. 13 Outworkers. 71
Addresses of Outworkers { forwarded to other Authorities ..							
{ received from other Authorities ..							
Homework in unwholesome or infected premises :—							
Notices prohibiting homework in unwholesome premises (S. 108) ..							
Cases of infectious disease notified in homeworkers' premises ..							1
Orders prohibiting homework in infected premises (S. 110) ..							
Workshops on the Register (S. 131) at the end of 1904.							
Important classes of work-shops, such as workshop bakehouses, may be enumerated here. { Bakehouses							32
Total number of workshops on Register ..							130

* The Lists should be received twice in the year. The year's figures required in the Table are then obtained by adding together the two half-yearly totals.

A small amount of systematic inspection was carried out and some insanitary conditions found which would not otherwise have been discovered. Very many inspections were made in all parts of the district which were called for by the presence of Nuisances and Disease, and by complaints made to the Sanitary Authority; these have been dealt with as found necessary.

A few new houses have been erected in the district from which excrement and other refuse cannot at present be removed by any existing sewer, and cesspools have had to be resorted to.

The testing of drains by smoke and water has occupied much time; this has frequently been called for in connection with Nuisances and Disease, and many householders have availed themselves of the arrangement now existing for getting their drains tested at their own request on payment of a small fee. By this means defects in many drains have been discovered and rectified.

A great deal of sewer improvement has been carried out. 56 houses in the added area have been connected with the new sewers. In one street the drains of 8 houses were entirely relaid, in another those of 16 houses, in another those of 8 adjoining houses. At a row of 10 houses where the sewer and drains were most defective they have been replaced by new ones and the small yards at the rear paved. 3 houses have been for the first time connected with the public sewer. Besides this many isolated houses have been redrained as set out in the Report of the Inspector of Nuisances.

In the Surveyor's department other important improvements have been made. The laying of iron pipes in place of the old sewer in a street near the river, besides other advantages, will keep much soil water out of the sewer.

The remodelling of the Refuse Destructor will greatly promote economy and efficiency and the new engines now being erected will render the disposal of the sewage of the district far more satisfactory.

A great nuisance much complained of caused by the Winchester Gas Company's Works in the centre of the City is likely soon to be abated, as their new works to the north-east of the district are approaching completion.

The Cowsheds and Slaughter-houses have been periodically inspected and there have been improvements in both.

Many new houses have been erected but there is still a great demand for cheaply rented cottages.

There is nothing to report under the Housing of the Working Classes Act.

The Bye-laws relating to houses let in lodgings have been completed and approved and will shortly be in force.

At the end of another busy year it is satisfactory to be able to hope that the good sanitary condition of the district has been maintained.

WINCHESTER URBAN DISTRICT.—TABLE I.
Vital Statistics of Whole District during 1904 and Previous Years.

YEAR.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1000 Births Registered.	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1901	20,919	438	20.9	46	105	330	15.7	102	50	...	280	13.3
1902	21,132	439	20.6	49	111	291	13.7	75	37	3	257	12.1
1903	21,491	464	21.5	49	105	292	13.5	81	34	8	266	12.3
1904	22,272	471	21.1	47	99.7	307	13.3	101	39	9	277	12.4

* Rates in Columns 4, 8, and 13 calculated per 1000 of estimated population.

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

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

The "Public institutions" taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the institutions in respect of the deaths in which corrections have been made is given below.

Area of District in acres (exclusive of area covered by Water)	...	1911.864
Total population at all ages (at Census of 1901)	...	20.919
Number of inhabited houses	"	4.015
Average number of persons per house	"	5.2

I.	II.	III.
Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
1 Union Workhouse	1 Victoria Hospital	...
2 Royal Hants County Hospital	2 County Asylum	...

WINCHESTER URBAN DISTRICT.—TABLE II.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1904 AND PREVIOUS YEARS.

Names of Localities.	THE WHOLE DISTRICT.				WEST.				EAST.				CENTRAL.				BARRACKS.			
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
Year.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.	a.	b.	c.	d.
1901	20,919	438	280	39	9037	152	100	10	3875	104	65	13	7491	173	111	15	516	9	4	1
1902	21,132	439	257	49	9142	162	94	15	3875	108	58	14	7686	161	94	19	429	8	11	1
1903	21,491	464	266	48	9262	144	102	13	3955	124	57	14	7706	180	103	19	568	16	4	2
1904	22,272	471	277	45	9402	193	107	20	3980	106	60	14	7816	161	104	10	1074	11	6	1

NOTES.—(a) Deaths of Residents occurring in Public Institutions beyond the District are included in sub-columns (c) of this table, and those of non-residents are excluded.

(b) Deaths of Residents occurring in Public Institutions are allotted to the respective localities according to the addresses of the deceased.

WINCHESTER URBAN DISTRICT—TABLE III.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1904.

Notifiable Diseases.	Cases Notified in Whole District.							Total Cases notified in each Locality.				No. of Cases removed to Hospital from each Locality.			
	At all Ages.	At Ages—Years						1 West W.	2 East	3 Central	4 Barracks	1 West	2 East	3 Central	4 Barracks
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards								
Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	86	1	19	36	18	12	...	52	2	30	2	24	2	19	2
Membranous Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	11	...	...	...	1	8	2	7	3	1	...	...	...	...	...
Scarlet Fever	51	...	6	33	8	4	...	11	10	24	6	7	10	21	6
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	10	...	1	4	2	3	...	7	...	2	1	...	...	2	1
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	158	1	26	73	29	27	2	77	15	57	9	81	12	42	9

(W) The Locality in which the Workhouse is situated. Isolation Hospital—The Victoria Hospital in the Parish of Chilcombe (Without).

WINCHESTER URBAN DISTRICT—TABLE IV.
CAUSES OF, AND AGES AT, DEATH DURING YEAR 1904.

Causes of Death.	Deaths in or belonging to whole District at subjoined Ages							Deaths in or belonging to Localities (at all Ages)				Total Deaths in Public Institu- tions 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 up- wards	West	East	Central	Bar- racks	
1	2	3	4	5	6	7	8	9	10	11	12	13
Small-pox ...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	1	...	1	...	...	...	...	...	...	1	...	...
Scarlet Fever ...	1	...	...	...	1	...	...	...	...	...	1	...
Whooping-cough ...	2	1	1	...	...	...	...	2	...	...	...	...
Diphtheria and Mem- branous Croup ...	3	...	2	1	...	...	...	1	...	2	...	...
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...
(Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric ...	1	...	...	...	1	...	...	1	...	...	...	...
(Other continued ...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	2	...	...	...	...	...	2	1	...	1	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa (<i>see notes</i>) ...	6	4	...	...	...	...	2	1	2	3	...	1
Enteritis (<i>see notes</i>) ...	3	1	2	...	...	...	...	1	...	2	...	...
Puerperal Fever (<i>see notes</i>) ...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	25	1	2	...	4	18	...	8	6	9	2	9
Other Tubercular Di- seases ...	3	...	1	2	...	...	...	2	...	1	...	4
Cancer, Malignant Di- sease (<i>see notes</i>) ...	16	...	...	...	...	9	7	8	2	6	...	8
Bronchitis ...	25	1	2	...	...	6	16	12	2	11	...	10
Pneumonia ...	16	4	2	...	1	7	2	3	5	6	2	6
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Res- piratory Organs ...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism, Cirrhosis of Liver ...	6	...	...	...	...	4	2	1	1	4	...	1
Venereal Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...
Premature Birth ...	8	8	...	...	...	...	...	5	1	2	...	1
Diseases and Accidents of Parturition ...	1	...	...	...	...	1	...	1	...	...	...	...
Heart Diseases ...	21	...	...	...	...	12	9	7	4	10	...	15
Accidents ...	6	...	...	...	1	4	1	4	1	1	...	3
Suicides ...	1	...	...	...	...	1	...	1	...	...	...	...
All Other Causes ...	130	25	4	1	6	35	59	48	36	45	1	43
All Causes ...	277	45	17	4	14	97	100	107	60	104	6	101

NOTES.—(a) In this Table all deaths of "Residents" occurring in public institutions, whether within or without the district are included with the other deaths in the columns for the several age groups (columns 2-8). They are also in columns 9-15 included among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-residents" occurring in public institutions in the district are in like manner excluded from columns 2-8 and 9-15 of this Table.

- (b) See notes on Table I. as to the meaning of "Residents" and "Non-residents," and as to the "Public Institutions" taken into account for the purposes of these Tables. The "Localities" are the same as those in Tables II. and III.
- (c) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-residents," are in addition to being dealt with as in note (a) entered in the last column of this Table. The total number in this column equals the figures for the year in column 9, Table I.
- (d) The total deaths in the several "Localities" in columns 9-15 of this Table equal those for the year in the same localities in Table II., sub-columns c. The total deaths at all ages in column 2 of this Table equal the gross total of columns 9-15, and the figures for the year in column 12 of Table I.
- (e) Under the heading of "Diarrhœa" are included deaths certified as from Diarrhœa alone or in combination with some other cause of ill-defined nature ; and also deaths certified as from

Epidemic enteritis;
Zymotic enteritis;
Epidemic diarrhœa. Summer diarrhœa;
Dysentery and dysenteric diarrhœa;
Choleraic diarrhœa, cholera, cholera nostras (in the
absence of Asiatic cholera).

Under the heading of "Enteritis" are included those certified as from Gastro-enteritis, Muco-enteritis, and Gastric catarrh.

Deaths from Diarrhœa secondary to some other well-defined disease are included under the latter.

Under the headings of "Cancer" and "Puerperal Fever" are included all registered deaths from causes comprised within these general terms.

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

THOS. C. LANGDON,

Medical Officer of Health.

February, 1905.

VICTORIA HOSPITAL.

REPORT of the MEDICAL SUPERINTENDENT FOR THE YEAR 1904.

The Hospital was occupied throughout the year. 3 Patients were in Hospital on January 1st and 24 remained on December 31st. During the year 94 Patients were admitted as against 74 in the previous year; 9 of these came from the Winchester Barracks.

Three deaths occurred among the Patients, 2 from Diphtheria, and 1 from Scarlet Fever.

Most of the other cases were mild in character but 1 case of Enteric Fever necessitated detention in Hospital for 75 days. The Patients for the most part left the Hospital in excellent health but some of the Diphtheria cases although apparently well when discharged seem to have taken some time to regain their usual strength after returning home.

Towards the end of the year with the approbation of the Sanitary Authority convalescent Diphtheria Patients although appearing in good health were detained in Hospital until it was ascertained by examination of swabs taken from their throats that the specific organism of Diphtheria no longer existed. This practice will be continued in future and it is hoped will result in Diphtheria becoming less prevalent.

One Probationer Nurse left during the year, the period for which she was engaged having expired.

Additional Nurses were obtained when necessary from Nursing Homes.

The following Table shows the admission during the last and previous years :—

	Small Pox	Scarlatina	Diphtheria	Enteric Fever	Measles	Whooping Cough	Erysipelas	No. of days in which the Hospital was in use
1887	...	2	...	...	1	...	...	...
1888	...	1	5	1	2	...	...	144
1889	...	6	5	3	1	1	...	240
1890	1	2	3	1	2	...	...	158
1891	...	6	3	...	...	...	...	165
1892	...	10	3	...	1	...	...	297
1893	17	118	2	3	2	...	...	327
1894	...	45	...	...	...	...	1	320
1895	...	26	9	...	...	...	...	363
1896	6	117	8	1	...	...	...	355
1897	...	15	26	...	...	...	...	310
1898	...	18	16	...	1	...	...	309
1899	...	48	9	2	...	...	1	327
1900	...	32*	13	...	1	...	...	347
1901	...	162	4	1	...	...	...	347
1902	2	46	17	...	...	...	...	All the year
1903	...	46	23	5	...	...	...	All the year
1904	...	44	47	3	...	...	..	All the year

Statement of Receipts and Expenditure for 1904.

RECEIPTS.				PAYMENTS.						
	£	s	d	ESTABLISHMENT EXPENSES.						
Pd. by Patients	73	8	0		£	s	d	£	s	d
By Sale of Hay	2	10	0	Fees for Medical Attendance and Salaries to Matron, Nurses, Laundresses and other Servants ...	493	18	0			
Overpaid for				Repairs :—Builder, Ironmonger, Plumber, and replacing and repairing Household Articles ...	48	17	0			
Petty Cash	5	8		Sweeping Chimneys ...	2	19	0			
				Labourer	35	2	0			
				Draper, Curtains	1	7	8			
				Servant's Registry Fee ...	4	6				
				Nurses' Travelling Expenses	14	1				
				Haberdashery	10	8				
				Stationery, Stamps, and Carriage of Parcels ...	1	6	8			
				Sundries	8	1				
				Repaid Petty Cash	4	2				
								585	11	10
				PATIENTS' EXPENSES.						
				Horse Hire for Ambulance and Cabs	15	10	0			
				Grocer	117	5	3			
				Butcher	116	7	8			
				Baker	25	10	7			
				Milk	28	7	0			
				Beer	4	1	0			
				Potatoes	4	1	9			
				Fruit	12	0				
				Coal and Wood	89	15	11			
				Electric Light and Power	24	5	8			
				Drugs	8	8	9			
				Repairs to Instruments ...	9	6				
				Clinical Research Association	2	10	0			
				Manure	2	8	0			
				Garden Seeds	1	4	11			
								440	18	0
Balance out of Rates	950	6	2							
	£1026	9	10					£1026	9	10

The kind gifts of friends are here gratefully acknowledged :—Books, Magazines and Illustrated Papers from Mrs. Alexander, Mrs. Richards, Mrs. Holdaway, Mrs. Burnside, Mrs. Bather, Mrs. Burford Hancock, Mrs. Dodd, Mrs. Langdon, Miss Barrow Simonds, Miss Pamplin, College Sanatorium, Messrs. Sherriff & Ward and Employees, Rev. H. Gould, Rev. G. Andrewes, The Mayor, The City Surveyor ; Scrap Books from Mrs. Tanner, Mrs. Harris, and Master L. Andrewes ; Toys from Mrs. Bather, Messrs. Sherriff & Ward and Employees, Rev. G. Andrewes ; Clothing and Old Linen from Mrs. Burnside, College Sanatorium, and the Charity Organisation Society ; Games from Mrs. Dodd ; Cards and Calendars from Miss Warren ; Crackers from Messrs. Underwood & Co. ; Fruit from Rev. H. Gould, Mrs. Sharland, Mrs. Bather, and Mr. T. C. Langdon ; Plants from Mrs. Sharland ; and twelve Loads of Manure from Mr. T. C. Langdon.

THOS. C. LANGDON, F.R.C.S.,

Medical Superintendent.

GUILDHALL, WINCHESTER,

February, 1905.



ANNUAL REPORT of the INSPECTOR of NUISANCES for the Year ending December 31st, 1904.

To the Winchester Urban District Council.

GENTLEMEN,

I beg to submit to you my report for the year ending December 31st, 1904.

In the tables appended it will be seen that a large amount of work has been carried out during the year in endeavouring to obtain the abatement of nuisances of various classes. The work of house to house inspection has been carried out in conjunction with the Medical Officer of Health. 76 houses have been inspected in this connection and where sanitary defects have been revealed attention has been called to them with a view to remedying the same.

There have been 369 drains discovered requiring reconstruction, properly connecting to main sewer, trapping or ventilating, which have all been attended to. Defects in connection with sink pipes, yard drains, eave and fall spouts, urinals, baths, and defective water closets have been attended to in 187 instances, whilst 19 waste pipes and 2 fall pipes have been disconnected from the sewer thereby tending to check the escape of sewer gas into the houses by this means. Nuisances from want of drains altogether, cesspools, stagnant water, black smoke, poultry and pigeons, and the keeping of animals under improper conditions have been attended to to the number of 126 cases. Sink stones have been provided to 4 houses, 1 stable has been repaved and 1 manure receptacle provided.

PAVING OF YARDS.

Under the powers obtained in the Bye-laws with respect to New Streets and Buildings the yards of 27 houses have been paved or the existing paving repaired. This is a form of sanitary improvement which is of considerable importance, and is an inestimable benefit to the health and comfort of occupiers. Not only do unpaved yards allow slops thrown on them to lie for some time on the surface and finally to sink into the ground, but in wet weather they also cause serious dampness to the houses abutting on them.

THE ADDED AREA DRAINAGE.

The drains of 56 houses have been connected to the new sewers and in most cases it has been necessary to provide an entirely new system of drainage. This work has taken up a great amount of time as each section of drain has to stand the test before being covered up.

DRAINS EXAMINED ON APPLICATION.

Owing to the great number of applications from tenants and owners of houses to have the drains tested and reported on, the Committee decided to make a small charge of 10/6 for such work. The drains of 27 premises have been examined under this heading and 11 such applicants have paid realizing the sum of £5 : 15 : 6.

COMMON LODGING HOUSES.

There are now 5 registered houses in the City as follows :—

The Church Army Lodging House, The Square.
 The Britannia Inn, Lower Brook Street.
 The Coachmakers' Arms, Silver Hill.
 No. 4 Upper Brook Street.
 No. 56 Canon Street.

Two of these houses are very old and are in consequence subject to disadvantages, but the keepers endeavour to keep them by frequent cleansing and limewashing in a clean and satisfactory condition. Systematic visits have been paid to them and 4 notices have been served to cleanse and lime-wash which were at once complied with.

DAIRIES, COWSHEDS, AND MILKSHOPS.

Owing to the outbreak of Diphtheria during the latter part of the year 15 visits were paid to certain farm premises situate outside the Borough.

I have during the year made 75 inspections of the above which are now in a satisfactory condition. 1 large cowshed has been rebuilt and 2 sheds have been provided with new drains to take away the liquid.

SLAUGHTER HOUSES.

Thirty-nine visits have been paid to the 11 slaughter houses, and the animals in process of preparation for sale examined. Notices have been served where necessary to remove manure and to cleanse and limewash. 1 slaughter house has been greatly improved by structural alterations.

FACTORY AND WORKSHOPS ACTS.

129 Workshops, 1 Workplace, 51 Outworkers, 7 Laundries, and 32 Bakehouses have been inspected in conjunction with the Medical Officer of Health. 13 Workshops, 1 Workplace, 12 Bakehouses, and 2 Outworkers' premises were found in a dirty condition, defective drainage was found at 1 Workshop and 1 Bakehouse, and 1 Workshop insufficiently ventilated. The occupiers of the various premises have been called on to remove the causes of complaint, and in most cases they have satisfactorily done so.

The number of complaints reported during the year have been 143 and every case was visited and prompt action taken where necessary.

3009 premises have been inspected and on 931 of these nuisances were found. 171 owners or their representatives were seen personally respecting various sanitary requirements and 147 letters have been written. 118 preliminary notices were sent to owners and it was found necessary to issue 26 legal notices for the abatement or abolition of nuisances.

186 old drains have been tested, of which 166 were found to be defective and were accordingly required to be made good.

I am pleased to be able to report that owners of property are awakening to the necessity and advisability of putting the same into a sanitary condition and in not a single instance has it been necessary to take proceedings for the abatement of nuisances.

UN SOUND FOOD.

197 lbs. of beef and mutton, 168 lbs. of fish, and 35 bananas were condemned and destroyed.

The above were voluntarily given up and were not "seized" in the ordinary acceptation of the word, therefore no further action was taken.

THE SALE OF FOOD AND DRUGS ACTS, 1875 TO 1899.

During the year the number of samples submitted to Dr. Angell, the City Analyst, for analysis was 47. A number of the articles were purchased by deputy and several samples of milk were collected on a Sunday. The following is a summary of the work accomplished under these Acts.

Articles Analysed.

New Milk	...	...	...	18
Condensed Milk	...	...	...	3
Skimmed Milk	...	...	...	1
Butter	...	...	...	12
Coffee	...	...	...	7
Cheese	...	...	...	2
Lard	...	...	...	1
Bread	...	...	...	1
White Pepper	...	...	...	1
Vinegar	...	..	...	1

Of the total analysed 47 in number, adulteration was certified in 1 case set forth below.

No. of Sample.	Article.	Result of Analysis.	Remarks.
124	New Milk	Deficient in milk fat to the extent of 0.38 per cent.	Legal proceedings taken.

Statement of cases in which legal proceedings have been taken.

Date of Proceedings.	No. of Sample.	Offence Charged.	Result of Proceedings.
May 13th, 1904	106	Selling Skimmed Milk contrary to Sec. 11 Food and Drugs Act, 1899	Convicted and fined 2/6 and 10/- costs
Sept. 30th, 1904	124	Selling New Milk deficient in milk fat to the extent of 0.38 per cent.	Dismissed on account of an error in the Analyst's certificate.

DISINFECTION.

The disinfection of infected houses after the removal or recovery of patients has been carefully attended to, and where directed by the Medical Officer of Health the infected bedding, etc., has been removed to the apparatus situate in the Isolation Hospital Grounds for disinfection by steam. Fumigation by means of Formalin, or by the use of Sulphur Dioxide was carried out in 80 instances. The vans and ambulance have been kept in repair and are in good condition.

I am, Gentlemen,

Your obedient Servant,

JOHN LORD, c.s.i.,

Inspector of Nuisances.

SANITARY DEPARTMENT. SUMMARY.

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals
No of Premises inspected where Zymotic Diseases have occurred	23	13	10	44	90
" disinfected	16	8	14	42	80
" Public Conveyances disinfected	..	..	..	1	1
" flushed	2	1	..	1	4
Total number of re-visits where cases are isolated at home	9	3	..	3	15
Total number of visits to infected houses	48	25	24	89	186
Number of Articles disinfected by Steam Disinfecter	338	102	310	511	1261
" Infected Articles burnt at Destructor 1 load	1 load	1 load	..	..	2 loads
Number of visits in deaths from Phthisis	6	..	4	1	11
" drains flushed	..	..	9	..	9
Nuisances reported at Sanitary Office	40	44	31	28	143
" inspected	40	44	31	28	143
Inspection of premises where nuisances are found	298	253	182	198	931
" " " no	10	4	9	2	25
" " " offensive trades are conducted	3	2	..	..	5
" dwelling houses in house to house visitation	35	13	10	18	76
" Common Lodging Houses	..	4	4	6	14
" Laundries	..	..	12	2	14
" Workshops	2	..	24	125	151
" Outworkers	..	..	13	49	62
" Schools	13	9	14	..	36
" Slaughter Houses	10	18	4	7	39
" Dairies and Milkshops	3	4	7	12	26
" Cowsheds	18	1	4	26	49
" Piggeries	..	..	..	18	18
" Bakehouses	..	2	15	16	33
" Markets and Shops	64	50	42	44	200
Revisits to work in progress	221	284	181	168	855
Visits to property under notice	134	91	67	40	332
Total number of Inspections of Premises	851	779	619	760	3009
No. of Entries in Report Books	71	67	55	44	237
Preliminary Notices to Owners	33	28	28	29	118
Letters written	36	11	43	57	147
Number of Legal Notices issued for abatement or abolition of nuisances	14	10	..	2	26
Owners seen personally	58	36	41	36	171
Summonses taken out	..	1	1	..	2
Sections of New Drains tested	71	206	160	68	505
" " " and satisfactory at first test	51	130	113	51	345
Smoke observations taken	..	4	4	1	9
Number of visits under Food and Drug Acts	11	14	11	11	47
Food and Drugs—samples purchased	11	14	11	11	47
" " " adulterated	..	..	1	..	1
Meat, seizures made and destroyed	..	..	..	197lbs.	197lbs.
Fish	..	168lbs.	..	..	168lbs.
Fruit	..	..	..	35	35
" " " (Bananas)	..	..	..	..	..
Water samples taken for Analysis	1	..	..	1	2
" " " polluted	..	..	..	..	..
Old drains tested and found defective	50	57	51	28	186
" " " sound	3	8	6	3	20
Milk sample taken for Clinical Research	..	..	..	4	4
Visits to Cowsheds outside Borough	..	..	..	15	15

SANITARY DEPARTMENT.

REMOVAL OF NUISANCES.

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals
Drains requiring Re-construction	69	43	24	31	167
" " connecting with main sewer	33	13	11	2	59
" not efficiently trapped	33	35	22	3	93
" requiring Ventilation Shafts	15	17	13	5	50
Defective Sink Pipes and Drains	16	19	20	15	70
" Yard Drains	5	5	4	..	14
" Cellar Drains	..	..	..	..	..
" Eave and Fall Pipes	4	..	..	..	4
" Roofing	..	..	..	..	..
" Urinals	5	1	..	..	6
" Baths	..	..	..	1	1
" Water Closets	24	22	27	19	92
To provide Sink Stones for Houses	2	1	1	..	4
" Manure Receptacles to Stables	1	..	..	..	1
Waste Pipes requiring Disconnecting	14	4	..	1	19
Fall Pipes	..	1	..	..	2
To provide Eave and Fall Pipes	..	..	..	..	..
Nuisances from want of Drains	41	9	12	2	64
" Cess Pools	3	..	..	..	3
" Stagnant Water	15	5	5	8	33
" Defective Surface of Yard	11	1	4	11	27
" " " Stables	1	..	..	..	1
" Smoke	..	2	1	..	3
" Poultry and Pigeons	1	1	..	1	3
" Animals	2	..	..	18	20
" Stream Pollution	1	3	..	..	4
Offensive Accumulations	33	10	8	9	60
" Ashpits and Privies	..	1	..	..	1
Closets requiring Lime-washing	..	..	..	3	3
Ashpits and Closets requiring Re-construction	21	4	..	..	25
" " " proper Doors and coverings	21	4	..	..	25
Old Privies requiring alteration to w.c. system	21	4	..	..	25
Insufficient Closet Accommodation	..	1	..	..	1
Houses requiring Cleansing	9	2	1	..	12
" requiring Ventilation	..	..	..	..	..
" Damp	3	..	2	..	5
" requiring Water Supply	1	..	5	..	6
Slaughter Houses requiring Cleansing	..	2	..	1	3
Common Lodging Houses requiring Cleansing	..	2	..	2	4
Cowsheds requiring Lime-washing	..	..	4	..	4
" " Draining	..	..	..	..	..
" " Lighting	..	..	..	..	..
" " Paving	..	..	..	..	..
" " Ventilation	..	..	..	..	..
Dairies requiring Lime-washing	2	..	..	3	5
" " Paving	1	..	..	..	1
Bakehouses requiring Lime-washing or Cleansing	..	..	3	3	6
Stables requiring Paving	..	1	..	..	1
" " Draining	..	1	..	..	1



