

The fifth annual report on the health, sanitary condition, etc., etc., of the District of Woolwich for the year 1893.

Contributors

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Smith, William R.

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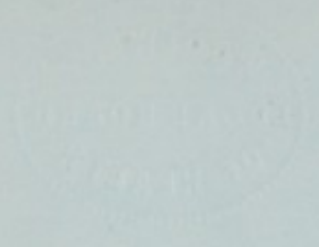


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THE
FIFTH ANNUAL REPORT
ON THE
Health, Sanitary Condition,
Etc., Etc.,
OF THE
DISTRICT OF WOOLWICH,
FOR THE YEAR
1893,
BY
WILLIAM R. SMITH, M.D., D.Sc., F.R.S.Ed.,
Barrister-at-Law,
Professor of Forensic Medicine in King's College, London,
MEDICAL OFFICER OF HEALTH.

WOOLWICH :
F. J. CATTERMOLLE, PRINTER, ARTILLERY PLACE.
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ANNUAL REPORT

Health, Sanitary Condition,

Etc., Etc.

DISTRICT OF WOOLWICH.

FOR THE YEAR

1861.



Printed by J. G. & J. S. B. [illegible]

MEMORIAL OFFICE OF HEALTH.

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TOWN HALL,

WOOLWICH,

2nd April, 1894.

*To the Chairman and Members of the Woolwich Local Board
of Health.*

GENTLEMEN,

I have the honour to submit my report upon the sanitary condition of Woolwich during the year 1893.

Mortality There have been 848 deaths, of this number 401 occurred
Statistics. in the Dockyard Registration Sub-District, and 447 in
the Arsenal Registration Sub-District.

The gross death rate for the year, estimated upon a population of 41854 is 20·2 per thousand.

Of these deaths 176 took place in various Medical Institutions (Table 7) outside the district, in the appended statistical tables they have however been allotted to their proper registration sub-districts, and calculated as if taking place within the sanitary area of Woolwich. Twenty deaths occurring within the district were of persons not rightly belonging to Woolwich, if these be deducted from the total deaths, the correct number of deaths occurring in Woolwich during the twelve months ending the 31st December, 1893, will be obtained, viz., 828.

Death Rate. The corrected death-rate is therefore 19·7 per thousand, as against 19·5 in 1892, and 21·6 in 1891.

I have appended tables (Nos. 9 and 10) which shows comparatively the position taken by Woolwich in this respect as regards other large towns, and the various Metropolitan Sanitary Districts.

Of the total deaths 315 were of children under 5 years of age, and 533 of persons above that age; of the 315 children 210 were infants under one year of age.

In Table 5 will be found a comparison of the deaths occurring in the Sanitary District of Woolwich during the years 1892 and 1893, distinguishing those under 5 years of age and those over 5 years.

Zymotic Death Rate. The deaths from all causes during the year included 3 from small pox, 10 from influenza, 14 from measles, 15 from scarlet fever, 6 from diphtheria, 3 from croup, 20 from whooping cough, 5 from typhoid fever, and 33 from diarrhoea, in all 109 deaths from diseases classified by the Registrar General as specific febrile or zymotic, this is equivalent to a zymotic death rate of 2.60 per thousand, in 1892 it was 2.4 per thousand, in 1891 it was 2.86 per thousand.

The deaths from diphtheria and croup are slightly in excess of those from the same causes last year, those from whooping cough and diarrhoea are greatly in excess of those from similar causes, the deaths from diarrhoea were mainly amongst children under 5 years of age; these two latter diseases are principally responsible for this year's zymotic death rate.

The deaths from typhoid fever are less than those in 1892; in this latter year there were sixteen, in 1893 five.

Small pox caused three deaths in 1893, in 1892 not any.

Other Deaths. The causes of the remaining deaths will be seen on reference to the appended tables, and perhaps call for no special comment with the exception of those found in Classes IV. and VI., Table 1.

Phthisismortality, etc. In Class IV., 121 deaths are recorded as arising from tubercular disease, viz., 16 from tabes mesenterica, 10 from tubercular meningitis and hydrocephalus, 87 from phthisis, and 8 from other forms of tuberculosis or scrofula; of these deaths 52 occurred in the Dockyard Registration Sub-District, and 69 in the Arsenal Registration Sub-District; the deaths in the Arsenal Sub-District from these causes, although proportionately not so great as in 1892, still show an excess over those in the Dockyard Sub-District.

In 1890 there were 126 such deaths, in 1891 139 deaths, in 1892 112, so that those in 1893 are in excess of those in 1892.

In Class VI., including the deaths from Laryngitis and Croup, there will be found to be 168 deaths, 83 of which were in the Dockyard Registration Sub-District, and 85 in the Arsenal Registration Sub-District.

In 1891 there were 208 of such deaths, in 1892 there were 188.

In previous reports I have laid stress upon the importance of the statistical evidence of the mortality from consumption, and pointed out that as this indicates a high or low mortality, so a far more accurate idea of the healthiness or unhealthiness of a place can be obtained than perhaps from any other source.

It is greatly to be regretted that in the past attention has not been given to this subject, and measures enforced for the prevention and the remedy of dampness in the houses of the district.

I would again seriously impress upon the notice of the Sanitary Authority the necessity for the adoption of prompt and adequate measures to remedy this evil wherever found.

Sex mortality. Of the total deaths in the Arsenal Registration Sub-District, there were 229 males and 218 females, in the Dockyard Registration Sub-District 217 males and 184 females, or in other words, of the 848 total deaths, 446 were of males, and 402 of females.

145 deaths were of persons over 65 years of age.

Births and Birth Rate. The number of births registered during the year was 1312, as against 1236 in 1892, 1336 in 1891, and 1241 in 1890. Of these births 26 were registered as illegitimate. The birth-rate is therefore 31.3.

Marriages. There have been 614 marriages registered during the year, as against 599 in 1892, 524 in 1891, and 476 in 1890.

Inquests and Suicides. There have been 62 inquests. There have been 6 cases of suicide, viz., 2 from cut throat, and 1 each by drowning, hanging, shooting, and being run over by train.

Mortuary. 39 bodies were received into the mortuary, of which 23 were resident in the district, and 16 non-resident.

Infectious Diseases. During the year 426 cases have been notified, as follows

		Arsenal Sub-District.	Dockyard Sub-District.	Total.
Scarlet Fever	...	146	113	259
Small-pox	...	45	16	61
Erysipelas	...	30	16	46
Typhoid fever	...	16	9	25
Diphtheria	...	16	8	24
Puerperal fever	...	3	1	4
Continued fever	...	1	2	3
Membranous croup	...	2		2
Cholera	...	2		2
		261	165	426

Of these 426 cases, 196 were removed to Hospital, as follows

		Arsenal Sub-District.	Dockyard Sub-District.	Total.
Scarlet fever	...	64	57	121
Small-pox	...	42	16	58
Typhoid fever	...	9	4	13
Diphtheria	...	3		3
Continued fever	...	1		1
		119	77	196

It is with much satisfaction that I note that a larger proportion of the cases notified have been removed to Hospital, and it is to be hoped that the great privilege of gratuitous treatment in the Hospitals of the Metropolitan Asylums Board will be more and more availed of by those who unfortunately have infectious disease present in their families. It is impossible to over estimate the value of such a proceeding to the patients themselves, for the advantage of skilled medical treatment both by night and by day, in well equipped and

properly ventilated wards, will be at once admitted, but further, great discomfort and inconvenience in the home will be prevented, and the necessity for restricting the movements of the non-infected members of the family avoided.

Again, the community at large is benefited by the removal of the infectious sick to proper isolation hospitals for the risk of general infection is diminished, and for this reason the maintenance of such patients in the various Infectious Institutions should be a charge on the rates, and as with education,—which is state provided, and so free to all,—so with treatment in the Asylums Board Hospitals, these institutions being provided and maintained out of the rates, the privilege of treatment in them should be free to all who choose to avail themselves of it.

The notifications in 1893 were less than in the previous year owing to the decrease in the number of scarlet fever cases; in 1892 there were 425 notifications, in 1891 129 cases were notified, and in 1890 156 cases.

The usual steps for arresting the spread of the infectious disease were taken in every case, and I have to record with much satisfaction the cordial way in which my medical brethren have worked with me for the general benefit of the district. I cannot recall a single instance since I have had the honour of being Medical Officer for Woolwich of the slightest friction with any of the medical practitioners in any respect whatever, and I am sure your Board will accord them your thanks for their valued co-operation in promoting the health interests of the district.

The two cases of cholera notified, on enquiry, were not found to be of the true Asiatic type.

Cholera
Precaution. Proper steps were taken for dealing with any outbreak of this disease if it had occurred, both in the direction of providing proper medical and nursing treatment, and in the provision of litters and hospital accommodation, this latter being again found in the Woolwich Infirmary.

Small Pox Outbreaks. It will be noted that this district has been visited during the year with several outbreaks of small-pox, the cases were notified as follows :—

			Arsenal Sub-District.	Dockyard Sub-District.
February	...	...		1
March	...	...	17	1
April	...	...	1	2
May	...	...	11	4
June	...	...	2	5
July	...	...	3	1
August	...	...	2	
October	...	...	4	1
November	...	...	1	1
December	...	...	4	
			<hr/> 45	<hr/> 16

From the above figures it will be seen that the disease has never assumed an epidemic form, although repeatedly introduced into the district, more particularly through the medium of common lodging houses, this desirable result being obtained by the energy of the Sanitary Inspectors, by the co-operation of the Public Vaccinator, and the readiness of the lodging-house keepers to render every assistance, and their willingness to adopt such measures as the non-reception of new inmates, which obviously operated to their own pecuniary loss

Typhoid Fever. Of the 25 cases of typhoid fever, no less than 6 occurred in one house, and two additional cases have occurred since, the dates of the notification of these latter cases were as under :—

One case on 6th December, 1893.

“ “ 14th “ “

Four cases on 21st “ “

One case on 19th January, 1894.

“ “ 24th “ “

There can be no doubt that a local cause was in operation. Every investigation was made; the drainage arrangements, although defective, could not be held to be accountable, the water supply was good, and the milk was not implicated.

Many of the cases occurred in connection with the front basement room which was used as a living room.

The house was built on a made soil, and the basement was dark and ill ventilated, the stairs leading from the ground floor to the basement being quite dark.

In this case the Sanitary Authority, acting upon my advice, desired the introduction of a window at the head of the staircase, which would give facilities for admitting both light and air. It is known as a scientific fact that light is inimical to the growth of the Typhoid organism—the Magistrate before whom the summons was heard, held, however, that light was not necessary—and that the air could be admitted to the *basement* by making the pane of glass over the front door of the *ground floor* to open.

Disinfection. 8330 articles of clothing, bedding, etc., have been disinfected, a number considerably in excess of the previous year.

I have to record with satisfaction the steps taken by your Board to provide proper conveyances for the removal of infected and non-infected bedding, etc., two waggons of an improved pattern having been ordered for this purpose, one for removing the infected clothing, bedding, etc., from the infected house to the disinfecting chamber, the other for conveying back the clothing, bedding, etc., after disinfection.

In some cases it was necessary to give compensation, notably in certain small-pox cases, where the bedding, etc., were destroyed.

Sickness Returns. I append a table giving the returns from various sources for the year (Table 9).

House to House Inspection. During the year the Inspectors have visited 3052 houses, and made 2780 re-inspections, these inspections necessitating the issuing of 1554 notices—in the great majority of cases these were complied with.

Common Lodging Houses. There are 36 common lodging houses, showing a decrease of four since my last report.

These houses are as a rule well conducted, and the proprietors have shown a desire in every way to co-operate with the sanitary officials.

The Home Secretary has intimated his intention of transferring the control of these houses from the Police to the London County Council. In my opinion there was no necessity for this change, and

if considered necessary the transfer should have been made to the Local Sanitary Authority, and not to the County Council. In Woolwich, as in all other Metropolitan Districts, the control of common lodging houses, slaughter houses, and cowsheds, is in the hands of a body other than the Local Sanitary Authority, a condition of things not existing in the smallest provincial borough.

Slaughter Houses. There are 8 licensed Slaughter Houses in the district.

I would again express the hope that at no very distant date the necessity for these may cease, and that in the interest of all classes we may have a public abattoir where the slaughtering of animals may take place, and where systematic inspection of the meat supply of the town can be made.

Cow Sheds, Milk Shops, &c. There are three licensed cow sheds in this district, these, together with the milkshops, have been regularly inspected.

Bake Houses. There are 37 bakehouses in Woolwich. Although for the most part the regulations have been generally observed, there can be no doubt that many of these places are totally unfit for the purpose they are put to, the difficulties, however, in dealing with such are manifest, as it would involve serious interference with trade interests, which cannot always be fully justified.

Rag and Bone Shops. These have been regularly visited, and have called for no special action on the part of the officials.

The Market. The Market has been visited on many occasions by myself, and systematically both by night and day by the Inspectors.

Occasionally it has been found necessary to seize food as unfit for human consumption.

Dust Collection. This most important branch of sanitary work has been carried on most satisfactorily during the year.

Housing of Working Classes Act. The number of houses dealt with under this statute is necessarily less than in previous years. I append, however, a table which gives particulars of houses dealt with since the Act passed in 1890 (Table 17).

Bye Laws. The various Bye-Laws required by the Public Healths (London) Act have now been put in force in the district, with the exception of those dealing with houses let in lodgings, the revision of the old Bye-Laws relative to which are now occupying your attention.

Sanitary and other Improvements. The past year has been singularly fruitful in the provision of many and great sanitary and other improvements, by which the District has greatly benefitted.

1. The War Office has issued an order amending their rules as regard pay to their employees in the Arsenal, in the event of infectious disease being present in their families, as follows:—

INFECTIOUS DISEASES.

“All persons employed in the Ordnance Factories are prohibited from coming to their work when small-pox, scarlet fever, or other serious infectious disease is present in their families, or in the house in which they reside. Any person violating this order will subject himself to dismissal. When infectious disease is present in the house of any employee he should at once report the circumstance to the Medical Officer of the Factory, and take steps for the isolation or removal of the patient to a hospital, or his own removal to other quarters. To cover the time required for making such arrangements, and for necessary disinfection, full pay will be allowed for a period not exceeding one week, on the certificate of the Medical Officer of the Factory that the man was necessarily absent. On the expiration of the week the issue of pay will cease, but the man must continue to absent himself from work until such time as he may be declared by the Medical Officer of the Factory to be free from infection.

“This Regulation applies to all Foremen and others ranking as such, and persons of higher rank.”

This new rule met with a certain amount of opposition, and a petition was forwarded to the Secretary of State for War relative to the matter. His reply was as follows:—

WAR OFFICE, PALL MALL, S.W.,
3RD MARCH, 1894.

“SIR,—I am directed by the Secretary of State for War to acquaint you that, in connection with the Memorial which accompanied your letter of the 23rd November last, he has had under consideration the operation of Rule 41 of the Regulations of the Ordnance Factories, as promulgated on the 8th August last.

"I am to observe that this Rule was adopted by the Secretary of State after repeated and urgent representation of the Local Government Authorities through the Local Government Board. These representations shewed clearly that the former rule, under which half pay was issued during the whole period of a man's absence through infection in his house, tended to defeat the objects of the Legislature, which by the Public Health (London) Act, 1891, 54 and 55 Vict., cap. 76, empowered the sanitary authorities to provide hospital accommodation for the isolation of persons suffering from infectious disease.

"The new Rule has now been in operation six months, and the Secretary of State has already received testimony to its value in aiding the Local authorities in the isolation of infectious disease, and he is not prepared to sanction its repeal.

"It has, however, been brought to Mr. Campbell-Bannerman's notice that in a few cases hardship has been occasioned by the compulsory absence of men in cases where an infected person could not be removed on account of insufficient hospital accommodation. In such cases, where properly certified by the local authorities, he has directed that the operation of the new Rule be relaxed."

"I am, Sir, your obedient servant,

"WM. WOODALL.

The old rule undoubtedly tended to the retention in the district of infectious cases, the government grant being supplemented by contributions from one or more infectious sick clubs.

2. The Metropolitan Asylums Board have decided to erect a Fever Hospital at Shooter's Hill, on a site adjoining the Herbert Hospital.

This cannot fail to be a very great boon for Woolwich and the adjoining districts. In the past we have frequently suffered from want of hospital provision, and a further disadvantage has been the distance of the nearest fever hospital, viz., the South Eastern Hospital from Woolwich. The necessity for such provision is more than ever urgent in view of the recent War Office circular, to which I have alluded,

A most determined opposition was, however, given to the erection of a hospital on this site, both by the War Office and by certain residents on Shooters' Hill.

The opposition was both unreasonable and illogical, and could not prevail against the unanimous support given to the scheme by the various local authorities, and the testimony of the whole of the Medical Officers of Health of the District as to the urgent need of such a hospital, and the great eligibility of the site proposed.

The Local Government Board allowed the purchase of the site, imposing certain restrictions on the erection of the buildings, one being to the effect that no wards should be placed within 450 feet of the Shooters' Hill Road; this restriction has been found in no way to hamper the erection of a proper hospital, the plans for which have now been approved, and which represent the most complete hospital of its kind in the world.

3. The laying out of the North Woolwich Gardens has been completed, and they now form one of the pleasantest recreation grounds in the Metropolis.

4. The Communication between North and South Woolwich has been farther improved by the placing on the river of a new ferry boat, "The Hutton."

The following are the number of passengers and vehicles that have passed over the ferry during the past three years:—

			Passengers.	Vehicles.
1891	...	...	3,981,976	230,362
1892	...	...	3,753,144	254,960
1893	...	...	3,495,362	261,462
Total			11,230,482	746,784

5. The alterations have been commenced at the Woolwich Churchyard, with the view of laying it out as an open space.

6. The Board has resolved to remove all trade refuse, and dispose of it in the destructor.

7. The Electric Light has been introduced into Woolwich.

In all these respects the district has been greatly benefitted, and the town is indebted to its Local Authority for its enlightened policy.

There are one or two things which in my judgment require the immediate attention of the Board.

1. The erection of an underground convenience in Beresford Square, adequate for the requirements of the district, and on the lines of the admirable structures in other parts of the Metropolis.
2. The provision of clerical assistance in the Sanitary Department. This duty, which is now thrown upon the Sanitary Inspectors, interferes greatly with the discharge of their proper duties; the work in this respect, even during the past two years has doubled itself, and every year brings additional labour for keeping fresh books and making returns.
3. The necessity for taking steps to extend the provisions of the Infectious Disease Notification Act to the Woolwich Garrison.

In supporting the proposition to erect a Fever Hospital, it came to my knowledge that the whole of the Western Pavilion of the Herbert Hospital was used for the reception for fever cases, and that this was in many ways directly connected with the main building, whilst the kitchen arrangements, etc., of the Hospital were common to all.

I understand also that during the year 1893 there have been in connection with the Woolwich Garrison, the following cases of infectious disease:—

SCARLET FEVER—

Men	...	...	...	105
Women and children	...			73
				— 178

DIPHTHERIA—

Men	...	...	...	1
Women and children	...			3
				— 4

ENTERIC FEVER—

Men	...	...	...	3
				— 3

PUERPERAL FEVER—

Women	...	...	...	1
				— 1

MEASLES—

Women and children	...			59
				— 59

Total ~~215~~
245

In my judgment this amount of infectious disease in the district of which we know nothing is a serious menace to the health of the inhabitants, between whom and the military there is, of course, much inter-communication, and calls for immediate attention and remedy; and further, it has come to my knowledge that the Military Authorities are without any proper means for the disinfection of infected clothing, which fact, taken in conjunction with the large amount of Infectious Disease present in the Garrison during the year 1893, represents a state of things which is of grave moment in the interests of the town.

In conclusion, I have again to record my acknowledgments of the kindness and consideration I have received from your Board, and more particularly from that committee with whom I am the most closely connected, to the Chairman of which, and its members, I beg to accord my thanks.

My acknowledgments are also due to the Clerk and the Surveyor for very willing help on every occasion I have required their services.

Inspectors Carty, Mackie, and Woolley have continued to discharge their duties with zeal and assiduity—Inspector Mackie, as in previous years, has rendered very valuable service in the discharge of clerical duties, frequently at great personal inconvenience; to him my thanks are more particularly due.

Very many and great changes have taken place in Woolwich during the past four years, having for their object the improvement of the health, and the promotion of the comfort and well-being of its inhabitants. These changes have been accomplished with singularly little friction, and it is a matter for congratulation, I am sure, to all, that in these respects Woolwich occupies a very foremost position amongst the Sanitary Districts of the Metropolis.

I am, Gentlemen,

Your obedient servant,

WILLIAM R. SMITH,

M.D., D.Sc., F.R.S., Edin.,

Medical Officer of Health, and

Public Analyst for Woolwich.

THE SANITARY COMMITTEE
OF
THE WOOLWICH LOCAL BOARD OF HEALTH.

Mr. R. GREEN, 2, Hare Street, Woolwich, *Chairman.*

The Chairman of the Board (T. R. RICHARDSON, Esq.)

Mr. S. BARNES, 1, The Common, Woolwich.

Mr. G. J. CHAMPION, 35, Church Street, Woolwich.

Mr. AMBROSE FENN, 48, Wood Street, Woolwich.

The Rev. J. W. HORSLEY, M.A., Holy Trinity Vicarage,
Rectory Place, Woolwich.

Mr. W. HARRIS, Elizabeth Street, North Woolwich, E.

Mr. E. H. LAMBERT, 55, Plumstead Common Road.

Major N. M. LAKE, R.E., Royal Engineer Office, Mill Lane,
Woolwich.

Mr. DECIMUS MARSH, 70, Brewer Street, Woolwich.

Mr. G. W. MITCHELL, 21, Hare Street, Woolwich.

Lieut. E. E. NORRIS, R.A., 4, Nightingale Place, Woolwich.

Mr. A. PENFOLD, 43, The Common, Woolwich.

Mr. T. R. RICHARDSON, 42, Hanover Road, Plumstead.

Mr. E. W. SAMPSON, 18, Parson's Hill, Woolwich.

Mr. C. SARGEANT, 73, Powis Street, Woolwich.

Mr. J. STRATTON, Belle Vue House, Wood St., Woolwich.

Mr. W. J. SQUIRES, 95 & 96, Wellington Street, Woolwich.

Captain TIMMS, H.M. Ordnance Store Department, 45,
Hanover Road, Brook Hill Park, Plumstead.

Mr. W. T. VINCENT, 189, Burrage Road, Plumstead.

Mr. R. J. WARREN, 32 & 34, Hare Street, Woolwich.

Mr. W. WOODFORD, 15, Nightingale Place, Woolwich.

TABLE I.

Deaths registered from all causes in the year 1893, in the Sanitary Area of Woolwich, including deaths of Non-Parishoners occurring in Public Institutions outside the District.

CAUSE OF DEATH.	AGES.											Total under 5 years.	Total 5 years & upwards	Grand Total at all ages.	REGISTRATION SUB-DISTRICT.	
	Under 1 Year.	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & upwards.				Dock-yard.	Arsenal
<i>(Classes).</i>																
I. Specific Febrile or Zymotic Diseases	36	43	12	5	5	6	5	3	9	..	..	79	45	124	74	50
II. Parasitic Diseases.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III. Dietetic Diseases .....	..	..	..	..	..	1	2	..	..	..	..	..	3	3	2	1
IV. Constitutional Diseases	22	10	6	26	28	24	16	15	8	4	..	32	127	159	65	94
V. Developmental Diseases	36	..	..	..	..	..	1	3	10	11	5	36	30	66	19	47
VI. Local Diseases.....	75	45	10	21	27	30	59	51	60	28	2	120	288	408	201	207
VII. Deaths from Violence	6	4	3	8	6	1	2	10	2	2	..	10	34	44	17	27
VIII. Deaths from Ill-defined and not Specified Causes	35	3	..	..	..	1	..	1	2	2	..	38	6	44	23	21
TOTAL.....	210	105	31	60	66	63	85	83	91	47	7	315	533	848	401	447

TABLE I.—Continued.

CAUSE OF DEATH.	AGES.											Total under 5 years.	Total 5 years & upwards	Grand Total at all ages.	REGISTRATION SUB-DISTRICT.	
	Under 1 Year.	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & up- wards				Dock- Yard.	Ar- senal.
I.—SPECIFIC FEBRILE OR ZYMOTIC DISEASES.																
1.—Miasmatic Diseases.																
Small-pox	) Vaccinated															
	) Unvaccinated															
	) No Statement															
Measles	2	12										14		14	11	3
Scarlet Fever		10	5									10	5	15	11	4
Typhus																
Whooping Cough	8	11	1									19	1	20	8	12
Diphtheria	1	2	3									3	3	6	1	5
Simple, Continued, or Ill-defined Fever ..				1									1	1	1	
Enteric or Typhoid			2	1	1		1						5	5	4	1
Influenza	1	1			1	1	2		4			2	8	10	5	5
Other Miasmatic Diseases	1			1								1	1	2		2
2.—Diarrhoeal Diseases.																
Simple Cholera							1	1	3							
Diarrhoea, Dysentery	20	6	1			1	1	1	3			26	7	33	21	12
3.—Malarial Diseases.																
Remittent Fever																
Ague																
4.—Zoogenous Diseases.																
Cow-pox and Effects of Vaccination																
Other Diseases (e.g. Hydrophobia, Glanders, Splenic Fever																
5.—Venereal Diseases.																
Syphilis	1			1		1						1	2	3	1	2
Gonorrhœa, Stricture of the Urethra																
6.—Septic Diseases.																
Erysipelas	1				1				1			1	2	3	2	1
Pyæmia Septicæmia	1	1						2	1			2	3	5	5	
Puerperal Fever				1	1	2							4	4	2	2

TABLE I.—Continued.

CAUSE OF DEATH.	AGES.											Total under 5 years.	Total 5 years & upwards.	Grand Total at all ages.	REGISTRATION SUB-DISTRICT.	
	Under 1 Year.	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & up- wards				Dock- yard.	Ar- senal.
II.—PARASITIC DISEASES.																
Thrush and other Vegetable Parasitic Diseases.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Worms, Hydatids, and other Animal Parasitic Diseases.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
III.—DIETETIC DISEASES.																
Want of Breast Milk—Starvation .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scurvy .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chronic Alcoholism .....	..	..	..	..	..	1	1	..	..	..	..	..	2	2	2	..
Delirium Tremens .....	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	1
IV.—CONSTITUTIONAL DISEASES.																
Rheumatic Fever, Rheumatism of Heart..	..	..	..	1	..	3	1	..	1	1	..	..	7	7	2	5
Rheumatism.....	..	..	..	..	..	..	..	..	1	1	..	..	2	2	1	1
Gout .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rickets	1	2	..	..	..	..	..	..	..	..	..	3	..	3	2	1
Cancer, Malignant Diseases.....	..	1	..	..	..	3	3	8	5	1	..	1	20	21	7	14
Tabes Mesenterica	12	2	2	..	..	..	..	..	..	..	..	14	2	16	9	7
Tubercular Meningitis, Hydrocepalous ..	3	4	2	1	..	..	..	..	..	..	..	7	3	10	5	5
Phthisis .....	..	1	1	20	28	18	11	7	1	..	..	1	86	87	34	53
Other forms of Tuberculosis, Scrofula	5	..	1	2	..	..	..	..	..	..	..	5	3	8	4	4
Purpura, Hæmorrhagic Diathesis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anæmia, Chlorosis, Leucocythæmia .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Glycosuria, Diabetes, Mellitus.....	1	..	..	2	..	..	1	..	..	1	..	1	4	5	1	4
Other Constitutional Diseases.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
V.—DEVELOPMENTAL DISEASES.																
Premature Death.....	31	..	..	..	..	..	..	..	..	..	..	31	..	31	9	22
Atelectasis	3	..	..	..	..	..	..	..	..	..	..	3	..	3	..	3
Congenital Malformation	2	..	..	..	..	..	..	..	..	..	..	2	..	2	..	2
Old Age .....	..	..	..	..	..	..	1	3	10	11	5	..	30	30	10	20

TABLE I.—Continue*d*.

CAUSE OF DEATH.	AGES.											Total under 5 years.	Total 5 years & upwards	Grand Total at all ages.	REGISTRATION SUB-DISTRICT.	
	Under 1 Year.	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & up- wards				Dock- yard.	Ar- senal.
VI.—LOCAL DISEASES.																
1.— <i>Diseases of the Nervous System.</i>																
Inflammation of Brain or Membranes	6	2	2	3	..	..	..	..	..	..	..	8	5	13	10	3
Apoplexy, Softening of Brain, Hemiplegia, Brain Paralysis .....	..	..	..	..	2	2	4	4	11	1	..	..	24	24	13	11
Insanity, General Paralysis of the Insane .....	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	1
Epilepsy	1	..	..	..	..	..	..	2	..	..	..	1	2	3	1	2
Convulsions	29	5	..	..	1	..	..	..	..	..	..	34	1	35	22	13
Laryngismus, Stridulus (Spasm of Glottis) .....	..	1	..	..	..	..	..	..	..	..	..	1	..	1	1	..
Disease of Spinal Cord, Paraplegia, Par- alysis Agitans .....	..	2	..	..	..	..	..	3	1	..	..	2	4	6	4	2
Other Diseases of the Nervous System	1	..	1	..	2	1	3	..	..	..	..	1	7	8	3	5
2.— <i>Diseases of Organs of Special Sense.</i>																
(e.g. of Ear, Eye, and Nose .....	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	1
3.— <i>Diseases of Circulatory System.</i>																
Pericarditis .....	..	..	..	1	..	..	..	..	..	..	..	..	1	1	..	1
Acute Endocarditis .....	..	..	..	..	1	..	..	..	..	..	..	..	1	1	1	..
Valvular Diseases of Heart .....	..	..	..	..	..	1	3	2	1	..	..	..	7	7	3	4
Other Disease of Heart .....	..	..	2	..	2	1	8	11	12	3	..	..	39	39	10	29
Aneurism .....	..	..	..	..	2	1	..	..	..	..	..	..	3	3	1	2
Embolism, Thrombosis .....	..	..	..	1	..	..	1	..	..	..	..	..	2	2	2	..
Other Diseases of Blood Vessels .....	..	..	..	1	..	..	2	1	..	1	..	..	5	5	3	2
4.— <i>Diseases of Respiratory System.</i>																
Laryngitis .....	..	1	..	..	..	..	..	..	..	..	..	1	..	1	1	..
Croup	1	2	..	..	..	..	..	..	..	..	..	3	..	3	2	1
Emphysema, Asthma .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis	23	16	1	..	1	2	8	8	21	17	1	39	59	98	45	53
Pneumonia	2	12	2	5	7	8	12	6	6	2	..	14	48	62	33	29
Pleurisy .....	..	..	..	1	1	..	..	..	..	..	..	..	2	2	1	1
Other Diseases of Respiratory System	1	1	..	..	1	..	..	..	..	..	..	2	1	3	1	2

TABLE I.—Continued.

CAUSE OF DEATH.	AGES.											Total un der 5 years.	Total 5 years & upwards	Grand Total at all ages.	REGISTRATION	
	Under 1 Year.	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & up- wards				Dock- yard.	Ar- senal.
VI.—LOCAL DISEASES (contd).																
6.—Diseases of Digestive System.																
Dentition	6	2	..	..	..	..	..	..	..	..	..	8	..	8	5	3
Sore Throat, Quinsey.....
Diseases of Stomach	2	3	2	..	1	..	..	8	8	3	5
Enteritis	4	1	..	1	..	..	..	1	..	..	..	5	2	7	4	3
Obstructive Diseases of Intestines	1	..	2	..	1	1	1	1	1	..	..	1	7	8	5	3
Peritonitis.....	3	1	..	..	..	1	..	..	..	5	5	5	..
Ascites
Cirrhosis of Liver	2	3	7	4	2	1	..	..	19	19	5	14
Jaundice and other Diseases of Liver.....	1	1	..	..	1	..	..	..	3	3	1	2
Other Diseases of Digestive System
6.—Diseases of Lymphatic System.																
(e.g., of Lymphatic and of Spleen)
7.—Diseases of Glandlike Organs of uncertain use																
(e.g., Bronchocele, Addison's Disease)	1	..	..	..	..	..	..	..	..	1	1	1	..
8.—Diseases of Urinary System.																
Nephritis	1	..	2	..	..	..	..	..	..	3	3	1	2
Bright's Disease, Albuminuria	1	1	4	5	2	..	..	..	13	13	6	7
Disease of Bladder or of Prostate	2	..	1	..	3	3	3	..
Other Diseases of Urinary System	1	1	..	1	..	..	..	3	3	2	1
9.—Diseases of Reproductive System.																
a. of Organs of Generation.																
Male Organs.....	1	..	..	..	..	..	..	1	1	..	1
Female Organs.....	2	..	..	..	..	..	..	..	2	2	1	1
b. of Parturition.																
Abortion, Miscarriage.....
Puerperal Convulsions
Placenta Prævia, Flooding	1	..	..	..	..	..	..	..	..	1	1	..	1
Other Accidents in Childbirth.....	2	..	1	..	..	..	..	..	..	3	3	2	1
10.—Diseases of Bones and Joints.																
Caries, Necrosis	1	..	..	..	..	..	..	..	1	1	..	1
Arthritis, Ostitis, Periositis
Other Diseases of Bones and Joints
11.—Diseases of Integumentary System.																
Carbuncle, Phlegmon.....
Other Diseases of Integumentary System

TABLE I.—Continued.

CAUSE OF DEATH.	AGES.												Total under 5 years.	Total 5 years & upwards	Grand Total at all ages.	REGISTRATION SUB-DISTRICT.	
	Under 1 Year.	1 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 & up- wards	Dock- yard.				Ar- senal.	
VII.—DEATHS FROM VIOLENCE.																	
1.— <i>Accident or Neglect.</i>																	
Fractures and Contusions.....	1	..	..	3	1	..	..	5	1	2	..	1	12	13	5	8
Gunshot Wounds.....	1	..	..	..	1	1	1	..	
Cut, Stab	
Burn, Scald	2	..	..	..	..	..	..	..	..	..	2	..	2	1	1	
Poison	
Drowning	1	1	4	3	..	1	1	..	..	..	1	10	11	3	8	
Suffocation	4	..	..	..	..	..	..	..	..	..	..	4	..	4	1	3
Otherwise	1	1	2	..	1	..	1	1	..	..	..	2	5	7	3	4
2.— <i>Homicide.</i>																	
Manslaughter	
Murder	
3.— <i>Suicide.</i>																	
Gunshot Wounds	1	..	..	..	..	..	..	..	..	1	1	..	1	
Cut, Stab	1	..	1	..	..	..	..	2	2	2	..	
Poison	
Drowning	1	..	..	..	..	..	..	..	1	1	..	1	
Hanging.....	1	..	..	..	..	1	1	1	..	
Otherwise	1	..	..	..	..	1	1	..	1	
4.— <i>Execution.</i>																	
Hanging.....	
VIII.—DEATHS FROM ILL-DEFINED AND NOT SPECIFIED CAUSES.																	
Dropsy	1	1	..	..	..	2	2	2	..	
Debility, Atrophy, Inanition	35	3	..	..	..	..	..	..	1	1	..	38	2	40	19	21
Mortification.....	
Tumour	1	..	..	..	..	..	..	1	1	1	..	
Abscess	
Hemorrhage	
Sudden Death (cause not ascertained)	
Causes not Specified or Ill-defined	1	..	..	1	1	1	..	

TABLE II.

Comparative Analysis of the Mortality in all London and Woolwich during the year 1893.

LOCALITY.	Census, 1891.	Estimated Population to middle of 1893.	Births.	Deaths.	Annual Birth-rate per 1000 living.	Annual Death-rate per 1000 living from all causes.	Annual Death-rate per 1000 living, from Zymotic Diseases.	Per centage of Deaths under 1 year to Births Registered.	Per Centage of Deaths to Total Deaths.						Remarks.
									Under 1 year of age.	At 60 years of age and upwards.	From Zymotic Diseases.	From Violence.	From Coroner's Inquests.	At Public Institutions.	
London	4211056	4306411	123965	90060	30.9	20.9	3.0	16.4	23.8	23.8	14.4	3.7	8.1	26.8	
Woolwich Dockyard	19606	20109	580	401	28.8	19.9	3.6	16.7	24.1	21.9	18.4	4.2	7.0	18.2	
Woolwich Arsenal (including North Woolwich)	21242	21745	732	447	33.6	20.5	2.2	15.4	25.2	20.8	11.1	6.0	7.6	23.0	
Total for Dockyard and Arsenal	40848	41854	1312	848	31.3	20.2	2.9	16.0	24.7	21.3	14.7	5.1	7.3	20.7	

Deducting 20 Deaths of Non-Residents makes the net Death-rate 19.7.

TABLE III.

Comparative Analysis of Deaths of Infants under 1 year and Persons over 60 years of age, also of Deaths from undermentioned Diseases in London and Woolwich, during the year 1893.

DISTRICT.	Census, 1891.	Estimated Population to middle of 1893	Births.	Deaths.	The Deaths Registered include														Remarks.	
					Deaths of		Deaths from											Inquest Cases.		Deaths in Public Institutions.
					Infants under 1 year of age.	Persons aged 60 yrs. and upwards	Small-pox.	Diphtheria.	Typhus.	Scarlatina.	Typhoid.	Measles.	Diarrhoea.	Whooping Cough	Continued Fever	Violence				
London	4211056	4306411	132965	90060	21845	21816	206	3265	5	1596	605	1661	3445	2330	19	3425	7432	24585		
Woolwich Dockyard }	19606	20109	580	401	97	88	2	1	..	11	4	11	21	8	1	17	28	73		
Woolwich Arsenal }	21242	21745	732	447	113	93	1	5	..	4	1	3	12	12	..	27	34	103		
Total for Dockyard & Arsenal }	40848	41854	1312	848	210	181	3	6	..	15	5	14	33	20	1	44	62	176		

TABLE IV.

Table of Deaths during the year 1893, in the Urban Sanitary District of Woolwich, classified according to Diseases, distinguishing those under 5 years of age and those over 5 years of age.

DISTRICT.	AGE.	Mortality from subjoined causes distinguishing Deaths of Children under 5 years.																				Total.		
		Small-pox.	Influenza.	Measles.	Scarlatina.	Diphtheria.	Croup (not Spasmodic.)	Whooping Cough.	Continued Fevers.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia, & Pleurisy.	Heart Disease.		Injuries, etc.	All other Disease.
									Typhus.	Enteric or Typhoid.	Other or Doubtful.													
Woolwich Dockyard	Under 5	..	2	11	8	..	2	8	..	..	..	15	..	..	..	2	..	..	1	25	..	3	83	160
	Over 5	2	3	..	3	1	..	..	..	4	..	6	..	2	2	3	2	..	33	53	13	14	100	241
Woolwich Arsenal	Under 5	..	..	3	2	3	1	11	..	..	..	11	..	..	1	..	..	..	..	28	..	7	88	155
	Over 5	1	5	..	2	2	..	1	..	1	..	1	..	5	..	..	2	..	53	54	33	20	112	292
Total.....	Under 5	..	2	14	10	3	3	19	..	..	..	26	..	..	1	2	..	..	1	53	..	10	171	315
	Over 5	3	8	..	5	3	..	1	..	5	..	7	..	7	2	3	4	..	86	107	46	34	212	533
Deaths occurring outside the District among persons belonging thereto	Under 5	..	..	1	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	13
	Over 5	3	2	..	1	1	..	..	..	2	..	1	..	1	1	1	..	..	39	26	10	7	68	163
Deaths occurring within the District among persons not belonging thereto	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
	Over 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	9	3	18

2 cases of Small Pox, 8 of Scarlet Fever, and 2 of Enteric Fever died in Hospital. 7 cases of Scarlet Fever, and 3 of Enteric Fever died at home.

TABLE V.

Comparative Tables of Deaths during the years 1892 and 1893, in the Urban Sanitary District of Woolwich, classified according to Diseases, distinguishing those under 5 years and those over 5 years of age.

DISTRICT.	Year.	Age.	Mortality from subjoined causes, distinguishing Deaths of Children under 5 years of age.																										
			Small-pox.	Influenza.	Measles.	Scarlatina.	Diphtheria.	Croup (not Spasmodic.)	Whooping Cough.	Continued Fevers.			Diarrhoea and Dysentery.	Cholera.	Rheumatic Fever.	Erysipelas.	Pyæmia.	Puerperal Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia, & Pleurisy.	Heart Disease.	Injuries, &c.	All other Diseases.	Total.				
										Typhus.	Enteric or Typhoid.	Other or Doubtful.																	
Woolwich Dockyard	1892	Under 5	4	5	2	..	5	9	29	..	2	75	131			
		Over 5	..	7	1	2	2	..	1	..	6	..	1	2	1	1	..	34	63	27	11	108	267			
	1893	Under 5	..	2	11	8	..	2	8	15	2	2	1	25	..	3	83	160			
		Over 5	2	3	..	3	1	4	..	6	2	2	3	2	..	33	53	13	14	100	241			
Woolwich Arsenal	1892	Under 5	..	2	11	2	1	..	1	..	9	2	33	..	7	94	162			
		Over 5	..	7	..	..	..	..	1	..	4	..	2	..	1	..	1	..	..	53	58	32	18	99	276		
	1893	Under 5	3	2	3	1	11	11	1	28	..	7	88	155			
		Over 5	1	5	..	2	2	..	1	..	1	..	1	..	5	..	..	2	..	53	54	33	20	112	292		
Total.....	1892	Under 5	..	2	15	7	2	..	6	..	1	..	18	..	..	..	..	..	..	2	62	..	9	169	293		
		Over 5	..	14	1	2	2	..	2	..	10	..	3	..	1	2	2	1	..	87	121	59	29	207	543				
	1893	Under 5	..	2	14	10	3	3	19	..	..	..	26	..	..	1	2	..	..	1	53	..	10	171	315		
		Over 5	3	8	..	5	3	..	1	..	5	..	7	..	7	2	3	4	..	86	107	46	34	212	533				
Deaths occurring outside the District amongst persons belonging thereto	1892	Under 5	..	..	..	7	1	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	1	8	23		
		Over 5	..	2	..	1	..	1	..	..	5	..	..	..	..	..	..	..	..	39	26	20	4	71	169		
	1893	Under 5	..	..	1	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	13		
		Over 5	3	2	..	1	1	..	..	..	2	..	1	..	1	1	1	..	..	39	26	10	7	68	163		
Deaths occurring within the District amongst persons not belonging thereto ..	1892	Under 5	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	2	2	6		
		Over 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4	1	11	6	24		
	1893	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2		
		Over 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	9	3	18		

TABLE VI.

Table showing the Mortality of Woolwich at the undermentioned ages, during the year 1893.

DISTRICT.	Population of all ages.		Registered Births.	Mortality from all causes at subjoined ages.							Remarks.
	Census, 1891.	Estimated to middle of 1892.		At all ages.	Under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 60	60 and upwards	
Woolwich Dockyard.....	19606	20109	580	401	97	63	18	35	103	88	
Woolwich Arsenal	21242	21745	732	447	113	42	13	25	158	93	
Total.....	40848	41854	1312	848	210	105	31	60	261	181	
Deaths occurring outside the District among persons belonging thereto				176	5	9		23	89	42	
Deaths occurring within the District among persons not belonging thereto.. .. .				20	2	..	..		12	3	

TABLE VII.

Return of the number of Deaths of Persons belonging to Woolwich occurring in various Institutions, &c., during the year 1893.

Name of Institution, etc.	Number of Deaths.			Remarks.
	M.	F.	Total.	
Woolwich Union Infirmary	70	43	113	
Herbert Military Hospital	27	..	27	
South Eastern Fever Hospital.....	5	7	12	
Miller Hospital	2	1	3	
Darenth Asylum	1	2	3	
Brompton Hospital.....	2	..	2	
Ship Atlas.....	..	3	3	
Leavesdin Asylum	2	..	2	
Ilford Asylum	1	..	1	
National Hospital	1	..	1	
St. Thomas' Hospital.....	1	..	1	
Cane Hill Asylum	1	..	1	
Greenwich Union Infirmary.....	1	..	1	
London Hospital .....	..	1	1	
Caterham Asylum .....	..	1	1	
Guy's Hospital.....	1	..	1	
Lewisham Union Infirmary.....	1	..	1	
H. M. Prison, Holloway	1	..	1	
Lambeth Union Infirmary .....	..	1	1	
Total.....	117	59	176	

*Registered Deaths for each Month in the Sanitary District of Woolwich,
during the Year 1893.*

MONTH.	Woolwich Dockyard Sub-District.			Woolwich Arsenal Sub-District.			Grand Total of Dockyard and Arsenal.	Remarks.
	M.	F.	Total.	M.	F.	Total.		
January	22	13	35	24	26	50	85	
February ..	16	17	33	9	15	24	57	
March.....	18	16	34	16	16	32	66	
April	13	9	22	15	17	32	54	
May.....	16	18	34	20	18	38	72	
June	21	14	35	15	26	41	76	
July	27	17	44	23	18	41	85	
August	13	21	34	17	11	28	62	
September ..	13	6	19	15	13	28	47	
October	14	15	29	26	17	43	72	
November ..	23	17	40	22	19	41	81	
December ..	21	21	42	27	22	49	91	
Total....	217	184	401	229	218	447	848	

TABLE IX.

Comparative Analysis of Births, Deaths, &c., in Woolwich and 32 Provincial Towns during the year 1893.

TOWNS.	Estimated Population middle of 1893.	Births.	Deaths.	Annual Rate per 1000 Living.			Deaths from Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fever.	Diarrhoea.	Deaths of Children under one year of age to 1000 Births.	Rate per cent. of Uncertified Deaths.
				Births.	Deaths.	Principal Zymotic Diseases.										
WOOLWICH	41854	1312	848	31.3	19.7	2.9	124	3	14	15	6	20	6	33	160	..
West Ham	227405	8083	4288	35.6	18.9	4.4	768	55	36	80	95	154	68	280	170	4.5
Croydon	108997	2852	1772	26.2	16.3	2.2	240	1	20	11	85	27	12	84	155	..
Brighton	117833	2981	2165	25.4	18.4	1.8	217	..	13	12	33	56	15	88	169	2.7
Portsmouth	167277	4709	3039	28.2	18.2	2.8	469	..	113	33	29	37	52	205	164	0.8
Plymouth	86781	2590	1839	29.9	21.2	2.8	240	..	85	22	14	46	10	63	169	0.5
Bristol	225028	6814	4249	30.4	18.9	1.7	371	17	25	35	49	77	25	143	141	1.6
Cardiff	142435	5121	2796	36.1	19.7	3.3	469	..	100	39	98	40	27	165	179	1.0
Swansea	93816	3285	1836	35.1	19.6	1.8	172	..	17	33	5	30	19	68	170	2.0
Wolverhampton	84298	2902	1956	34.5	23.3	2.8	239	1	21	26	5	4	28	154	208	1.0
Birmingham	487891	15916	10693	32.7	22.0	3.0	1481	71	50	68	63	320	98	811	198	4.9
Norwich	104184	3210	2003	30.9	19.3	3.1	317	..	61	20	23	66	37	110	195	1.1
Leicester	184547	6006	3683	32.6	20.0	4.0	727	15	52	80	20	113	46	401	220	3.7
Nottingham	220551	6642	4061	30.2	18.5	2.6	577	4	25	81	15	59	69	324	170	1.7
Derby	97341	3123	1771	32.2	18.2	2.1	201	7	17	14	7	44	22	90	156	0.8
Birkenhead	103817	3431	2127	33.1	20.5	2.8	292	1	15	12	16	69	27	152	196	1.1
Liverpool	510514	18322	13919	36.0	27.3	3.9	1987	9	273	231	63	279	269	863	211	3.7
Bolton	117278	3874	2821	33.1	24.1	4.7	544	7	166	34	12	77	36	212	199	0.8
Manchester	515598	17268	12801	33.6	24.9	3.7	1911	48	296	138	165	241	129	894	203	1.3
Salford	203431	7047	4886	34.7	24.1	4.1	839	22	92	41	58	99	100	427	210	3.3
Oldham	136469	3896	2860	28.6	21.0	2.5	338	65	29	16	18	55	26	129	187	1.1
Burnley	93462	3161	2039	33.9	21.9	3.8	354	6	27	51	14	34	28	194	223	1.4
Blackburn	124005	3822	2879	30.9	23.3	4.1	504	7	144	5	2	33	30	283	241	3.4
Preston	110225	3855	2899	35.1	26.4	6.0	661	..	179	27	14	47	51	343	269	3.8
Huddersfield	97549	2313	1673	23.8	17.2	1.2	121	..	23	25	3	13	12	45	141	2.9
Halifax	91918	2253	1591	24.6	17.4	1.7	157	35	5	3	23	32	13	46	173	4.3
Bradford	221611	6132	4632	27.7	21.0	3.4	757	115	69	70	23	110	49	321	197	1.5
Leeds	382093	12349	8493	32.4	22.3	3.5	1322	20	341	31	62	116	110	592	206	1.0
Sheffield	333922	11591	7428	34.8	22.3	3.5	1172	5	176	90	61	128	90	622	191	3.9
Hull	208709	7125	4545	34.2	21.8	4.1	862	8	128	33	22	80	99	492	206	3.3
Sunderland	134515	4771	3022	35.6	22.5	3.4	451	5	17	26	11	24	131	237	188	0.9
Gateshead	90938	3309	1750	36.5	19.3	3.5	314	2	71	9	19	53	21	139	170	2.5
Newcastle-on-Tyne ..	196997	6624	4126	33.7	21.0	2.5	500	..	212	23	31	34	25	175	174	0.9

TABLE X.

Comparative Analysis of Births and Deaths, etc., in Woolwich and other Sanitary Districts of the Metropolis, during the year 1893.

SANITARY AREAS.	Estimated Popu- lation middle of 1893.	Births.	Deaths.	Annual Rate per 1000 Living.			Deaths from Principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Typhus.	Enteric Fever.	Simple and Unde- fined Fever.	Diarrhœa.	Deaths of Children under 1 year of age to 1000 births.
				Births.	Deaths.	Principal Zymotic Diseases.											
WOOLWICH	41854	1312	848	31·3	20·2	2·9	124	3	14	15	6	20	..	5	1	33	160
<i>West Districts.</i>																	
Paddington	120421	3010	2141	25·0	17·8	2·3	275	4	30	33	70	60	..	21	..	57	150
Kensington	167029	3671	2942	22·0	17·6	2·1	348	10	21	52	83	65	..	17	..	100	169
Hammersmith	103044	2966	1872	28·8	18·2	2·4	246	3	4	36	53	50	..	15	2	83	160
Fulham	104735	3711	2024	35·4	19·3	3·3	342	2	12	33	64	82	..	17	..	132	176
Chelsea	98182	2854	1955	29·1	19·9	2·7	268	1	23	32	52	68	..	17	2	73	158
St. George Hanover Square	70043	1496	1228	19·7	16·1	1·6	118	3	2	25	34	14	..	12	2	26	133
Westminster	54829	1358	1290	24·8	23·5	2·0	110	..	5	25	14	15	..	7	1	43	188
St. James, Westminster....	24000	528	474	22·0	19·7	1·8	43	1	4	2	14	8	..	6	1	7	146
<i>North Districts.</i>																	
Marylebone	139726	4379	3192	31·3	22·8	2·7	382	5	32	68	94	78	..	20	1	84	151
Hampstead	73380	1507	948	20·5	12·9	1·3	97	2	1	20	38	6	..	8	..	22	102
St. Pancras	233936	7044	5138	30·1	22·0	3·3	761	9	154	100	201	106	..	27	..	164	172
Islington.....	327919	9750	6405	29·7	19·5	2·8	930	2	129	94	200	197	1	47	1	259	164
Hackney.....	240584	6911	4532	28·7	18·8	3·0	724	4	57	74	206	165	..	53	1	164	152
<i>Central Districts.</i>																	
St. Giles.....	38641	1094	925	28·3	23·9	2·4	13	4	6	14	22	18	..	6	..	23	131
St. Martin-in-the-Fields....	14034	223	298	15·9	21·2	1·5	21	2	1	2	8	2	..	1	..	5	188
Strand	23788	594	713	25·0	30·0	2·9	68	1	2	19	22	11	..	1	..	12	219
Holborn	32690	864	886	26·4	27·1	3·3	109	1	18	12	22	16	..	13	..	27	214
Clerkenwell	65589	2106	1745	32·1	26·6	4·9	319	..	79	30	76	51	..	10	..	73	202
St. Luke.....	41577	1770	1282	42·6	30·8	5·6	232	1	58	28	46	40	..	12	..	47	174
London City	35870	627	843	17·5	23·5	1·3	48	3	11	8	11	4	..	..	1	10	132

TABLE X.—Continued.

Comparative Analysis of Births and Deaths, etc. in Woolwich, and other Sanitary Districts of the Metropolis during the year 1893.

SANITARY AREAS.	Estimated Popu- lation middle of 1893.	Births.	Deaths.	Annual Rate per 1000 living.			Deaths from Principal Zymotic Diseases	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-Cough.	Typhus.	Enteric Fever	Simple and Under- fined Fever.	Diarrhoea.	Deaths of Children under 1 year of age to 1000 births.
				Births.	Deaths.	Principal Zymotic Diseases.											
<i>East Districts.</i>																	
Shoreditch.....	123440	4450	3153	36.1	25.5	4.6	566	3	129	39	137	80	..	16	1	161	178
Bethnal Green.....	129620	4756	3257	36.7	25.1	4.1	527	7	83	71	136	60	..	25	..	145	177
Whitechapel.....	75178	3096	1916	41.2	25.5	3.1	235	5	37	32	61	26	..	8	..	66	168
St. George-in-the-East....	45493	1966	1403	43.2	30.8	4.9	221	1	32	14	62	23	..	4	..	85	209
Limehouse.....	57115	1953	1613	34.2	28.2	4.7	269	8	21	35	61	64	1	18	..	61	205
Mile End Old Town.....	108041	4146	2430	38.4	23.5	3.3	361	8	39	40	80	44	..	29	..	121	149
Poplar.....	169141	5918	3905	34.9	23.1	3.8	639	12	32	105	168	74	1	62	..	185	169
<i>South Districts.</i>																	
St. Saviour, Southwark....	26854	780	649	29.0	24.2	3.1	82	..	6	18	17	20	..	3	..	18	154
St. George, Southwark....	59953	2169	1700	36.2	28.4	4.8	286	7	35	42	45	74	..	13	..	70	206
Newington.....	117672	4345	2856	36.9	24.3	3.7	432	6	34	51	93	109	..	13	..	126	176
St. Olave, Southwark.....	12903	412	312	31.9	24.2	2.2	29	1	1	6	7	3	..	2	..	9	141
Bermondsey.....	84216	3202	2004	38.0	23.8	3.3	275	4	36	30	80	46	1	8	..	70	168
Rotherhithe.....	40020	1379	927	34.5	23.2	3.4	136	13	10	16	31	33	..	8	..	25	165
Lambeth.....	280284	9212	5749	32.9	20.5	2.7	761	5	113	69	185	51	1	36	4	197	149
Battersea.....	158105	5225	2980	33.1	18.9	3.6	570	12	93	40	167	114	..	22	..	122	169
Wandsworth.....	172143	4569	2617	26.5	15.2	2.5	422	1	36	53	113	181	..	18	1	119	142
Camberwell.....	245143	7472	4724	30.5	19.3	2.5	619	11	83	73	130	109	..	27	..	186	161
Greenwich.....	171120	5377	3510	31.4	20.5	3.5	606	13	103	71	147	100	..	28	1	143	165
Lewisham.....	77473	1899	1133	24.5	14.6	1.7	135	5	19	11	53	8	..	9	1	29	128
Plumstead.....	94596	2874	1547	30.4	16.4	3.0	285	2	53	43	85	32	..	11	..	54	137

TABLE XI.

Table of Population, Births, and of Infectious Disease Cases notified to the Medical Officer of Health during the year 1893, in the Urban Sanitary District of Woolwich classified according to Diseases, Ages, etc.

DISTRICT.	DISEASE.	Population of all ages.		Registered Births.	Age Under 5 or over 5 years.	Number Notified.												Number removed to Hospital.													
		Census. 1891.	Estmd to midle. of 1893.			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
WOOLWICH DOCKYARD.	Small-pox	19606	20109	580	Under 5	..	..	..	1	..	..	..	..	..	1	1	..	3	..	..	..	1	..	..	..	..	1	1	..	3
	Over 5				..	1	1	1	4	5	1	..	..	..	..	..	..	13	..	1	1	1	4	5	1	..	..	..	..	13
	Cholera.....				Under 5
	Over 5				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diphtheria				Under 5	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..
	Over 5				..	..	1	..	..	..	..	1	1	..	1	2	6	..	..	..	..	..	..	..	..	..	..	..	..	..
	Membranous Croup				Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Over 5				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Erysipelas				Under 5	..	..	..	..	..	..	..	..	..	..	2	2	2	..	..	..	..	..	..	..	..	..	..	..	..
	Over 5				1	1	1	..	1	..	1	..	1	3	3	2	14	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlatina	Under 5	4	..	2	1	3	3	3	5	4	5	4	3	37	1	..	..	..	2	2	2	3	1	1	3	2	17			
Over 5	7	2	2	3	8	7	10	11	8	9	6	3	76	6	1	1	..	4	4	4	9	3	4	3	1	40					
Typhus	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Over 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Over 5	1	..	..	..	..	5	..	..	..	..	..	1	2	9	1	..	..	..	2	..	..	..	..	1	..	4				
Puerperal	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Over 5	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Continued	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Over 5	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE XI.—(continued).

DISTRICT.	DISEASE.	Population of all ages.		Registered Births.	Age Under 5 or over 5 years.	Number Notified.												Number removed to Hospital.													
		Census. 1891.	Estmd. to midle. of 1893.			January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
WOOLWICH ARSENAL.	Small-pox	21242	21745	732	Under 5	1	..	1	1	..	1		
	Over 5				17	1	11	2	3	2	..	4	..	4	44	16	1	11	2	3	..	4	..	4	41		
	Cholera				Under 5	1	..	1	2	
	Over 5				1	..	2	..	1	1	10	1	1	1		
	Diphtheria				Under 5	2	1	2	1	6	
	Over 5				1	3	1	..	1	..	2	..	1	1	10	1	1	1	3		
	Membranous Croup				Under 5	1	1		
	Over 5				1	1	1		
	Erysipelas				Under 5	1	..	1	..	1	2	
	Over 5				2	3	1	3	3	2	1	1	6	..	1	5	28	
Scarlatina	Under 5	1	3	3	1	5	2	5	3	4	9	4	3	43	1	1	4	2	1	..	3	..	3	1	16				
Over 5	4	2	9	4	5	9	18	2	9	17	18	6	103	2	1	3	3	5	7	5	..	3	6	9	4	48					
Typhus	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Over 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid	Under 5	1	1	..	1	1	..	1	1	..	1	1	5	1				
Over 5	..	1	1	..	1	2	1	1	1	..	1	6	15	..	..	1	..	..	..	1	1	..	..	..	5	8
Puerperal	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Over 5	1	..	..	..	..	..	..	..	..	2	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued	Under 5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Over 5	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	1	..	1
Total number of cases occurring within the Sanitary District of Woolwich		40848	41854	1312	Under 5	5	3	7	3	8	7	8	9	9	15	15	9	98	1	..	1	2	6	5	3	3	4	3	6	3	37
					Over 5	17	10	33	15	34	34	37	18	29	35	34	32	328	9	3	22	6	25	20	14	11	10	10	14	15	159

The 2 cases notified as Cholera were found not to be Cholera.

TABLE XII.

Registered Births in Fifty-two Weeks of 1893 in Sub-Districts of Woolwich

Month.	Woolwich Dockyard Sub-District.							Woolwich Arsenal Sub-District.						
	Legitimate.		Illegitimate		Total.		Grand Total.	Legitimate.		Illegitimate.		Total.		Grand Total.
	M.	F.	M.	F.	M.	F.		M.	F.	M.	F.	M.	F.	
January ..	34	32	..	..	34	32	66	35	36	2	..	37	36	73
February	19	20	..	..	19	20	39	31	27	1	..	32	27	59
March....	16	21	1	1	17	22	39	25	21	1	..	26	21	47
April	26	22	..	..	26	22	48	18	39	..	1	18	40	58
May	33	23	..	..	33	23	56	30	38	2	..	32	38	70
June	23	19	..	1	23	20	43	20	26	1	..	21	26	47
July	31	25	..	..	31	25	56	40	36	2	2	42	38	80
August ..	25	26	1	2	26	28	54	29	25	..	..	29	25	54
September	21	17	..	..	21	17	38	16	27	..	5	16	32	48
October ..	25	30	..	..	25	30	55	33	37	..	..	33	37	70
November	26	16	2	..	28	16	44	21	33	..	..	21	33	54
December	24	17	..	1	24	18	42	31	41	..	..	31	41	72
Total..	303	268	4	5	307	273	580	329	386	9	8	338	394	732

Total Births in Woolwich Sanitary District, 1312.

TABLE XIII.

*Registered Marriages for each Quarter during the Years 1892 and 1893,
in the Sanitary District of Woolwich.*

DISTRICT.	Year.	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	TOTAL.
DOCKYARD	1892	115	131	186	167	599
AND						
ARSENAL.	1893	110	136	193	175	614

TABLE XIV.
Return of the Number of Bodies received into the Mortuary during the Year 1893.

No.	Date received at Mortuary.	Name.	Age.	Address.	Cause of Death.
1	January 2nd ..	James Robertson	75	11, Francis Street, Woolwich	Rupture of Blood Vessel
2	February 17th	George Bartlett	68	26, Albert Road, N. Woolwich	Heart Disease
3	March 17th ..	Timothy Delury	70	15, Francis Street, Woolwich	Bronchitis
4	April 2nd	Rebecca Dennis	8 days	1, New Street, Woolwich	Concussion of Brain
5	" 9th	Henry Keen	32	7, Princess Road, Plumstead	Suicide by Drowning
6	May 8th	Frederick B. Purton	28	108, Maxey Road, Plumstead	Heart Disease
7	" 22nd	Vivian I. Rose	3	13, Coleman Street, Woolwich	Peritonitis from Fall
8	" 24th	Alice M. Edwards	4 months	18, Canon Row, Woolwich	Suffocated in Bed
9	" 29th	Ellen Pocock	12 hours	23, Ogleby Street, Woolwich	Do.
10	June 1st	Harry Hollick	24	24, Edward Street, Barking Road	Accidentally Drowned
11	" "	John S. Norman	40	53, Purrett Road, Plumstead	Apoplexy
12	" 4th	John Henderson	22	97, Samuel Street, Woolwich	Heart Disease
13	July 1st	Catherine Bradshaw ..	53	24, Morris Street, Woolwich	Natural Causes
14	" 11th	Patrick Berry	19	Castle's Yard, Charlton	Do.
15	August 7th ..	Thomas Mouk	29	Halling, Kent	Accidentally Drowned
16	" 17th ..	Florence Beaumont	8	4, Railway Cottages, Woolwich	Syncope
17	" " ..	Ephraim Wiltshire	73	2, Rush Grove Street, Woolwich	Injury to Rectum
18	" 22nd ..	William J. Carty	7 months	5, North Kent Place, Woolwich	Convulsions
19	" 23rd ..	John Young	83	2, Cross Alley, Woolwich	Morbus Cordis
20	" 29th ..	William H. Brown	29	17, Billingsgate Street, Greenwich ..	Accidentally Drowned
21	September 3rd	Ada Williams	8 days	65, Beresford Street, Woolwich	Convulsions
22	" 14th	William Denyer	52	40, Thomas Street, Woolwich	Natural Causes
23	" 15th	Lizzie Dale	6	13, Warwick Street, Woolwich	Structure of Bowel
24	" 18th	Female Infant	newly born	No home	Want of Attention at Birth
25	" 20th	Harry M. Street	9	28, Ritter Street, Woolwich	Syncope
26	" 22nd	Richard H. Andrews ..	50	19, Eton Road, Plumstead	Natural Causes
27	" 26th	Percy Steer	22	5, Nelson Buildings, Greenwich	Accidentally Drowned
28	" "	John J. Norrington	13	4, Red Cow Cottages, Ilford	Do.
29	October 5th ..	Josiah Rouland	22	A. S. C. Barracks, Woolwich	Suicide by Shooting
30	" 10th ..	Mary Ann Evans	55	31, Henry Street, Woolwich	Heart Disease
31	November 8th	Frederick W. Clarke ..	23	78, Conway Road, Plumstead	Run over by Cart
32	" 10th	Patrick Quinn	58	116, Grosvenor Buildings, Poplar	Fall down Ship's Hold
33	" 16th	Susanah Swayne	25	11, Bramblebury Road, Plumstead ..	Rupture of Aorta
34	" 19th	Francis Dell	54	12, Warwick Street, Woolwich	Pneumonia
35	" 24th	Frederick Taylor	27	4, Gilden's Cottages, Brentford	Found Drowned
36	December 6th	Ada Davis	13	14, Artillery Place, Woolwich	Typhoid Fever
37	" "	Elizabeth Cook	25	81, High Street, Woolwich	Pneumonia
38	" 10th	William Hart	63	5, Prospect Row, Woolwich	Accidental, from Fall
39	" 24th	Thomas G. Rising	52	5, Florence Street, Canning Town ..	Congestion of Brain

TABLE XV.

Return of Inquests held during the Year 1893.

No.	Name.	Age.	Address.	Verdict of Coroner's Jury.
1	Sarah A. Barry.....	3 w.	18, Morris St., Woolwich	Suffocated in Bed
2	Elizabeth Thompson	78	38, New Road.....	Shock from falling downstairs
3	Sarah M. Marchant ..	2	2, Mary Place.....	Scalds from upsetting saucepan
4	Elizabeth Everston ..	5 m.	18, Kate's Place, N.W...	Suffocated in Bed
5	George Middlemus ..	83	9, George St., Woolwich	Senal Decay
6	John Saunders	31	Station Road, Rainham	Drowned by Sinking of Barge
7	Ben Brooks.....	62	40, Villas Rd., Plumstead	Fatty Degeneration of Heart
8	Selina S. Arnold	7 m.	30, New Road, Woolwich	Suffocated in Bed
9	Henry Millwaters	80	18, King Street	Skock from Broken Arm
10	Alexander G. Jones ..	57	3, Taylor's Buildings ..	Suicide (run over by train)
11	Rebecca Dennis	8 dys.	1, New Street.....	Concussion of Brain
12	Robert Wells	67	15, Samuel Street	Paralysis of Spine from Fall
13	George Ellis	22	1, Rope Yard Rails	Accidentally Drowned
14	Driver, A. S. Corps ..	28	Mill Lane Barracks	Accidental Fall
15	Farm Labourer	46	32, Rope Yard Rails....	Fall from Ladder
16	William Smallcombe	64	Becton Gas Works	Injuries from fall on Foreshore
17	Bertie A. Baker.....	4	3, Wellington Street, Woolwich	Drowned in Tank (accidentally)
18	Vivian I. Rose	3	13, Coleman Street	Peritonitis from Accident
19	Alice Edwards	4 m.	18, Cannon Row	Suffocated in Bed
20	John Norman.....	40	53, Purrett St., Plumstead	Apoplexy
21	May E. Pocock	12 h.	23, Ogleby St., Woolwich	Suffocated in Bed

TABLE XV.—Continued.

No.	Name.	Age.	Address.	Verdict of Coroner's Jury.
22	John Jackson	46	3, Rope Yard Rails, Woolwich	Exhaustion from Delirium Tremens
23	Female (unknown) ..	51	51, High Street	Found Drowned
24	John Henderson	29	97, Samuel Street	Audocorditis from drink
25	Alfred Bridge.....	21	23, Church St., Milton..	Drowned from Barge
26	Henry Hollick	24	24, Edward St., Canning Town	Do.
27	Deborrah Skyrne	74	11, Prospect Row, Woolwich	Blood Poisoning from Prick of Needle
28	Mary A. Blayney	60	13, Henry Street	Drowned in Tank
29	Ellen Cuming.....	33	No home	Suicide by Drowning
30	Male	15	Henry Street, Woolwich	Drowned when Bathing
31	Catherine Bradshaw..	53	24, Morris Street	Fatty Degeneration of Heart
32	John Bloomfield	44	41, Francis Street.....	Suicide by Cutting Throat
33	Patrick Barry	19	Castle's Yard, Charlton	Killed by Plate Falling
34	Charles Duncan.....	61	47, Lower Wood Street, Woolwich	Suicide by Cutting Throat on him
35	Enoch Street	25	Auxiliary Hospital	Abscess on Brain
36	Florence Beaumont ..	8	4, Railway Cottages	Syncope through shock
37	Ephraim Wiltshire ..	73	No home	Injury to Rectum
38	William Carty	7 m.	5, North Kent Place ..	Convulsions
39	Unknown.....	13	.....	Found Drowned
40	Thomas Monk	29	Halling, Rochester	Drowned through falling from Wharf
41	Sarah J. Hawkins....	55	1, Prospect Row, Woolwich	Suicide by Hanging
42	Unknown.....	25	83, Albert Road, N.W...	Peritonitis from accident

TABLE XV.—(continued).

No.	Name.	Age.	Address.	Verdict of Coroner's Jury.
43	Williams (female)	8 d.	65, Beresford Street, Woolwich	Convulsions, bad teeth- ing.
44	Denyer (male)	52	40, Thomas Street.....	Fatty Degeneration of Heart.
45	Female (Infant).....	newly born	Unknown.....	Want of attention at birth.
46	Harry M. Street.....	9	28, Ritter Street.....	Syncope.
47	Soldier	26	R.A. Barracks	Cerebral Hemorrhage
48	Lizzie Dale	6	13, Warwick Street	Stricture of Bowel.
49	Josiah Rondland	22	A.S.C. Barracks.....	Suicide by Shooting.
50	John Stephens	60	Albert Docks	Killed by falling into ship's hold.
51	Mary A. Evans	55	31, Henry Street	Valvular disease of Heart
52	Joseph West	43	45, Artillery Place.....	Epilepsy from Alcohol- ism
53	Frederick W. Clarke..	23	78, Conway Road, Plum- stead	Injuries by being run over by cart.
54	Patrick Quinn.....	58	161, Grosvenor Buildings, Poplar.....	Fractured skull---fell down ship's hold.
55	William Crittall.....	57	16, Mount Pleasant, Gravesend	Injuries---run over by van.
56	Francis Dell	54	12, Warwick St., Wlwich	Pneumonia from exposure.
57	Susannah Swayne....	25	11, Bramblebury Road, Plumstead	Rupture of the Aorta.
58	William Hart.....	63	5, Prospect Row, Wlwich	Fracture of skull from fall.
59	Frederick Taylor	27	4, Geldern Cottages, Brentford	Found drowned.
60	Jesse W. Channell....	19 m.	65, Brewer St., Woolwich	Scalds from upsetting tea pot.
61	Eliza Roffey	56	Paradise Place	Softening of Brain.
62	Thomas G. Rising....	53	7, Marshall Grove	Congestion of Brain.

TABLE XVI.

*Return of the number of Articles Disinfected at the Dockyard Chamber
etc., after the undermentioned Diseases during the Year 1893.*

Nature of Disease.	Number of Persons Attended.	ARTICLES DISINFECTED.									Total.
		Beds.	Blankets.	Bolsters.	Counterpanes.	Palliasses and Mattresses.	Pillows.	Sheets.	Sundries.	Wearing Apparel (pieces).	
Small-pox	61	102	137	71	97	127	159	165	490	504	1852
Scarlet Fever ..	259	276	493	186	284	383	471	471	1715	1382	5661
Enteric Fever ..	28	23	37	19	21	34	43	38	115	84	414
Diphtheria.....	24	20	18	13	17	30	25	22	101	75	321
Puerperal Fever	4	4	4	2	2	2	3	7	22	22	68
Erysipelas.....	46	1	1	..	1	3	2	1	..	5	14
Total.....	422	426	690	291	422	579	703	704	2443	2072	8330

TABLE XVII.

Return of Houses dealt with under "The Housing of the Working Classes Act, 1890," during the year 1890.

No.	Property.	Result.	No.	Property.	Result.
1	11, Cannon Row ..	Closed by Magistrate	25	139, Powis Street	Closed by Magistrate
2	12, " " ..	Ditto	26	Cottage at rear of above	Ditto
3	13, " " ..	Ditto	27	1, Anchor Alley ..	Closed by Magistrate, and now under order for demolition.
4	5, Rope Yard Rails	Demolished			
5	6, " " ..	Ditto	28	2, " " ..	Ditto
6	1, Kate's Place ..	Repaired without closing order	29	3, " " ..	Ditto
7	2, " " ..	Closed by Magistrate	30	4, " " ..	Ditto
8	3, " " ..	Ditto	31	5, " " ..	Ditto
9	4, " " ..	Repaired without closing order	32	6, " " ..	Ditto
10	5, " " ..	Ditto	33	7, " " ..	Ditto
11	6, " " ..	Closed by Magistrate	34	8, " " ..	Ditto
12	7, " " ..	Ditto	35	1, Cannon Row ..	Closed by Magistrate
13	8, " " ..	Repaired without closing order	36	2, " " ..	Being repaired without closing order
14	9, " " ..	Closed by Magistrate	37	3, " " ..	Closed by Magistrate
15	1, Mary Ann Street	Ditto	38	4, " " ..	Ditto
16	2, " " ..	Ditto	39	5, " " ..	Being repaired without closing order
17	3, " " ..	Ditto	40	6, " " ..	Closed by Magistrate
18	4, " " ..	Ditto	41	7, " " ..	Ditto
19	5, " " ..	Ditto	42	8, " " ..	Being repaired without closing order
20	6, " " ..	Ditto	43	9, " " ..	Closed by Magistrate
21	7, " " ..	Ditto	44	10, " " ..	Being repaired without closing order
22	8, " " ..	Ditto	45	14, " " ..	Closed by Magistrate
23	9, " " ..	Ditto	46	15, " " ..	Ditto
24	10, " " ..	Ditto			

TABLE XVII.—1890.—(continued).

No.	Property.	Result.	No.	Property.	Result.
47	16, Cannon Row..	Closed by Magistrate	66	1, Rose Cottages..	To be demolished for Board School
48	17, " " "	Ditto	67	2, " " "	Ditto
49	18, " " "	Ditto	68	1, Heaven's Bldngs	Ditto
50	19, " " "	Work being done without closing order	69	2, " " "	Ditto
51	20, " " "	Ditto	70	Cottage in rear of above	Ditto
52	21, " " "	Ditto	71	2, Cottages rear of 7, Mulgrave Place	Ditto
53	22, " " "	Being repaired without closing order	72		
54	10, Spray Street..	Ditto	73	1, Garden Cottages	Form A served
55	10½, " " "	Ditto	74	2, " " "	Ditto
56	7, Rope Yard Rails	Closed by Owner's consent	75	2, Samuel Street..	Ditto
57	8, " " "	Being repaired without closing order	76	4, " " "	Ditto
58	1, Carey Square ..	Closed by Magistrate	77	1, Howard's Bldgs.	Ditto
59	2, " " "	Ditto	78	2, " " "	Ditto
60	3, " " "	Ditto	79	3, " " "	To be demolished for Board School
61	3, Union Buildings	Being repaired without closing order	80	4, " " "	Ditto
62	4, " " "	Ditto	81	1, Haslett's Bldngs	Form A served
63	5, " " "	Ditto	82	2, " " "	Ditto
64	21, Rope Yard Rails	Case pending before Magistrate	83	3, " " "	Ditto
65	22, " " "	Ditto	84	4, " " "	Ditto
			85	5, " " "	Ditto

*Return of Houses dealt with under "The Housing of the Working Classes Act, 1890,"
during the year 1891.*

No.	Property.	Result.	No.	Property.	Result.
*1	1, Cock Yard ..	Summons for closing dismissed.	40	3, Meeting House Lane ..	Work in progress.
*2	2, " " ..	Ditto	41	4, " " ..	Ditto
*3	3, " " ..	Ditto	42	5, " " ..	Ditto
4	4, " " ..	Work done without being closed.	43	6, " " ..	Ditto
5	5, " " ..	Ditto	44	7, " " ..	Ditto
9	6, " " ..	Ditto	45	8, " " ..	Work done without being closed
7	7, " " ..	Ditto	46	11, " " ..	Work in progress.
8	8, " " ..	Ditto	47	12, " " ..	Ditto
9	9, " " ..	Ditto	48	13, " " ..	Ditto
10	6, High Street ..	Ditto	49	7, New Street ..	Work done without being closed.
11	5, Surgeon Street	Ditto	50	8, " " ..	Ditto
12	6, " " ..	Ditto	51	8, Globe Lane ..	Work in progress.
13	1, Reed's Buildings	Closed by Magistrate	52	9, " " ..	Ditto
14	2, " " ..	Ditto	53	10, " " ..	Ditto
15	3, " " ..	Work done without being closed.	54	11, " " ..	Ditto
16	4, " " ..	Ditto	55	12, " " ..	Ditto
17	5, " " ..	Ditto	56	13, " " ..	Ditto
18	23, Prospect Row	Ditto	57	1, Ann's Place, N.W.	Work done without being closed
19	24, " " ..	Ditto	58	2, " " ..	Ditto
20	Shorts Cott, Short Street ..	Converted into Store	59	3, " " ..	Ditto
21	Steers Cott, Bowling Green Row	Work done without being closed.	60	4, " " ..	Ditto
22	1, Martyr's Passage	Closed by Magistrate	61	5, " " ..	Closed by Magistrate
23	2, " " ..	Ditto	62	6, " " ..	Ditto
24	3, " " ..	Ditto	63	7, " " ..	Work done without being closed
25	4, " " ..	Work done without being closed.	64	8, " " ..	Closed by Magistrate
26	5, " " ..	Ditto	65	1, Ann Street, Rush Grove.	Work in progress.
27	6, " " ..	Ditto	66	2, " " ..	Ditto
28	7, " " ..	Ditto	67	3, " " ..	Work done without being closed.
29	8, " " ..	Ditto	68	4, " " ..	Ditto
30	9, " " ..	Ditto	69	5, " " ..	Work in progress.
31	Kent Cott., Back lane ..	Ditto	70	6, " " ..	Ditto
32	" Derby Arms," Trinity Street ..	Demolished.	71	7, " " ..	Ditto
33	67, Albert Road, Nth. Woolwich..	Closed by Magistrate	72	8, " " ..	Ditto
34	1, Lower Wood St.	Work done without being closed.	73	9, " " ..	Ditto
35	2, " " ..	Ditto	74	10, " " ..	Ditto
36	3, " " ..	Ditto	75	11, " " ..	Ditto
37	4, " " ..	Ditto	76	12, " " ..	Ditto
38	1, Meeting House Lane ..	Ditto	77	13, " " ..	Ditto
39	2, " " ..	Work in progress.	78	14, " " ..	Work done without being closed.
			79	1, Morris Street ..	Work in progress.
			80	2, " " ..	Ditto
			81	3, " " ..	Ditto
			82	4, " " ..	Ditto

*Premises, however, remained closed until put in proper repair.

1891.—Continued.

No.	Property.	Result.	No.	Property.	Result.
83	5, Morris Street..	Work in progress.	103	40, Dicey Street..	Work in progress.
84	6, " " ..	Ditto	104	41, " " ..	Ditto
85	7, " " ..	Ditto	105	42, " " ..	Ditto
86	8, " " ..	Ditto	106	1, Rodney Street	Ditto
87	9, " " ..	Ditto	107	2, " " ..	Ditto
88	10, " " ..	Ditto	108	3, " " ..	Ditto
89	11, " " ..	Work done without being closed	109	4, " " ..	Ditto
90	12, " " ..	Ditto	110	5, " " ..	Ditto
91	13, " " ..	Ditto	111	44, Thomas Street	Work done without being closed
92	14, " " ..	Ditto	112	4, Helen Street ..	Now being demolished.
93	15, " " ..	Ditto	113	5, " " ..	Ditto
94	16, " " ..	Ditto	114	6, " " ..	Ditto
95	17, " " ..	Work in progress.	115	7, " " ..	Ditto
96	18, " " ..	Ditto	116	8, " " ..	Ditto
97	19, " " ..	Ditto	117	9, " " ..	Ditto
98	20, " " ..	Ditto	118	10, " " ..	Ditto
99	21, " " ..	Ditto	119	15, " " ..	Ditto
100	24, George Street	Ditto	120	16, " " ..	Ditto
101	1, Chapel Street..	Closed by Magistrate	131	17, " " ..	Ditto
102	2, " " ..	Ditto			

*Return of Houses dealt with under the "Housing of the Working
Classes Act," 1890, during the year 1892.*

No.	Property.	Result.	No.	Property.	Result.
1	7, Nelson Street ..	Dealt with under the "Public Healths (London) Act," 1891	15	40, High Street ..	Work done without closing order
2	8, " " ..	Ditto	16	49, Lower Wool- wich Road	Dealt with under the "Public Healths (London) Act," 1891
3	9, " " ..	Ditto	17	50, " "	Ditto
4	10, " " ..	Ditto	18	50a, " "	Ditto
5	11, " " ..	Ditto	19	51, " "	Ditto
6	14, " " ..	Ditto	20	52, " "	Ditto
7	4, Collingwood Street	Ditto	21	1, Eden Cottages	Ditto
8	5, " " ..	Ditto	22	2, " "	Ditto
9	6, " " ..	Ditto	23	3, " "	Ditto
10	7, " " ..	Ditto	24	4, " "	Ditto
11	62a, Beresford Street	Work done without closing order	25	5, " "	Ditto
12	59, Nightingale Vale	Ditto	26	6, " "	Ditto
13	38, High Street ..	Demolished by con- sent	27	74, High Street ..	Demolished by con- sent
14	39, " " ..	Ditto	28	75, " " ..	Ditto

TABLE XVII.

Return of Houses dealt with under "The Housing of the Working Classes Act," 1890, during the year 1893.

No.	Property.	Result.	No.	Property.	Result.
1	1, Selina Cottages	Closed by Magistrate	8	3, Callis Alley ..	Demolished without a closing order
2	2, " "	Ditto	9	4, " " ..	Ditto
3	3, " "	Ditto	10	5, " " ..	Ditto
4	"Fore House" High Street	Repaired without closing	11	9, Limbrey's Bldgs	Action for closing in abeyance
5	6, Catherine Square	Ditto	12	10, " "	Ditto
6	1, Callis Alley ..	Demolished without a closing order	13	11, " "	Ditto
7	" " " "	Ditto	14	12, " "	Ditto

TABLE XVIII.

Return of Cases of Sickness for the Years 1892 and 1893, occurring in the various Institutions in Woolwich.

NAME OF INSTITUTION.	Number of Patients, 1892.		Number of Patients, 1893.	
	In.	Out.	In.	Out.
Workhouse and Workhouse Infirmary	607	..	697	..
Outdoor Paupers .....	..	2552	..	2597
TOTAL.....	607	2552	697	2597

TABLE XIX.

Return of the Number of Houses Inspected, Notices served, etc., by the Sanitary Inspectors during 1893.

Name of Inspector.	Number of Houses.		Number of Notices served.	Number of Notices.		Nature of Nuisances included in Notices.											REMARKS.
	Inspected.	Re-Inspected.		Complied with.	Not complied with.	No water in Closets.	Dirty and Defective Walls and Ceilings.	Defective Paving.	Foul & Defective W.C. Pans and Traps.	Defective Roofs.	Defective Yard, Drains and Sinks	Defective Guttering, &c.	House Sinks connected with Drains	Defective Water Supply.	General Nuisances, etc.	Total.	
J. CARTY .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Engaged Superintending removal of dust, carrying out provisions of Sale of Food and Drugs Act, Smoke nuisance, provisions of Public Health (London) Act, etc.
A. MACKIE	1395	1196	671	664	7	53	96	87	104	74	112	74	21	93	174	4821	67 cases referred to Solicitor and Summonses in 13 of these cases had to be issued before the work was done.
W. WOOLLEY.....	1657	1584	883	873	10	64	121	117	146	95	141	147	45	118	214	6215	
Total	3052	2780	1554	1537	17	117	217	204	250	169	253	221	66	211	388	11036	

TABLE XX.

List of Common Lodging Houses in Woolwich under the License of the Commissioner of Police.

No.	Situation of House.	No. of Lodgers Authorized.	Owner.	No.	Situation of House.	No. of Lodgers Authorized.	Owner.
1	3, High Street	22	George Webb	19	13, Cannon Row	11	Fred. Alexander
2	5, " "	44	Ditto	20	1, Rope Yard Rails	16	Maria Edwards
3	49, " "	22	Robert Flett	21	2, " "	21	Ditto
4	50, " "	24	Ditto	22	4, " "	18	Jas. Jackson
5	51, " "	22	Ditto	23	7, " "	18	Kate White
6	52, " "	27	Cath. Mahoney	24	9, " "	37	Eliza Edwards
7	53, " "	26	Ditto	25	10, " "	65	Kate White
8	55, " "	19	Maria Edwards	26	11, " "	30	Cath. Mahoney
9	56A, " "	17	Ditto	27	11A, " "	32	Ditto
10	63, " "	15	Richd. Huxford	28	21, " "	20	Robert Flett
11	64, " "	18	Ditto	29	21A, " "	25	Ditto
12	76, " "	17	Geo. Channings	30	32, " "	20	John Smith
13	77, " "	17	Ditto	31	43, " "	16	James Self
14	81, " "	10	Samuel Cook	32	60, Beresford Street	61	Mary A. White
15	82, " "	19	Ditto	33	5, Market Hill	8	Emily Perry
16	93, " "	30	Mary A. White	34	10, " "	10	Alfred Ralphson
17	102, " "	37	Mary Connor	35	6, Nile Street	10	John Kelcher
18	12, Cannon Row	29	Fred. Alexander	36	7, " "	13	Ditto

TABLE XXI.

List of Slaughterhouses Licensed by the London County Council in the District of Woolwich during the Year, 1893.

No.	Name of Licensee.	Address of Licensee.}	Situation of Slaughterhouse.
1	Wm. Thos. Heeks	93, New Road ..	At rear of 93, New Road
2	Edward Hy. Gurney ..	7, Powis Street	Love Lane
3	James B. Webb	99, Powis Street	At rear of 99, Powis Street
4	Thomas Bland	30, Hare Street..	At rear of 30, Hare Street
5	Jas. & Geo. Mitchell ..	25, Hare Street..	At rear of 25, Hare Street
6	Charles Bartlett	1, Church Street	At rear of 12, Church Street
7	Hedley Vicars	41, Church Street	At rear of 41, Church Street
8	Geo. Chas. Rumsey....	20, George Street	At rear of 20 George Street

TABLE XXII.

List of Bakehouses in the District of Woolwich during the year 1893.

No.	Name of Owner.	Situation of Bakehouse.	No.	Name of Owner.	Situation of Bakehouse.
1	Co-operative Society	153, Powis Street	20	Lucas, Walter.....	16, Cross St. (East)
2	Frost, William	42, „ „	21	Smith, Alfred	37, Frances Street
3	Hobbs, Samuel	16, „ „	22	Crow, William.....	6, Church Street
4	Newell, Walter	60, Hare Street	23	Hills, Alfred	32, „ „
5	Kohmann, J. G.	29, „ „	24	Roffey, James.....	48, „ „
6	Roffey, Edward	100, High Street	25	Sims, Alfred	23, George Street
7	Cocks, Mrs. William	111, „ „	26	Clothier, William ..	51, Albion Road
8	Shierman, Henry ..	140, „ „	27	Attenborough, James	Sand Street
9	Flood, Benjamin ..	31, Beresford Street	28	Dhonau, John.....	18, Prospect Place
10	Martin, Jacob Adam	16, The Common	29	Meyer, Frederick ..	33, Samuel Street
11	Mitchell, Colin.....	53, Wellington St.	30	Akers, William	8, Hill Street
12	Newman, Thomas ..	94, „ „	31	Wilkening Louis ..	72, Henry Street
13	Hinds, Edward	29, Artillery Place	32	Cooper, Joseph	24, Chapel Street
14	Ewell, Edwin	38, „ „	33	Brown, Joseph	36, „ „
15	West, George	10, King Street	34	Holcombe, Thomas	45, Warwick Street
16	Fletcher, John	15, New Road	35	Corder, Thomas	18, Charles Street
17	Stone.....	57, „ „	36	Porter, George.....	29, „ „
18	Bradshaw, Alfred ..	3, Green's End	37	Jackson, Fred.	Dock Street, North Woolwich
19	Dennis, Henry	96, Brookhill Road			

TABLE XXIII.

*List of Cow Sheds Licensed by the London County Council in the
District of Woolwich, during the Year 1893.*

No.	Name of Licensee.	Address of Licensee.	Situation of Cow Shed.
1	Henry John Chard	16, Pellipar Road	At rear of 16, Pellipar Road
2	James Thomas	24, Lower Wood Street	At rear of 23, Lower Wood St.
3	John Wyatt	2, Albert Road, N. Woolwich	At rear of 2, Albert Road

TABLE XXIV.

Total Amount paid by the Board for Disinfectants during the Years
 1890, 1891, 1892, and 1893.

				1890.	1891.	1892.	1893.
				£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. For the Quarter ended March..				30 0 0	0 0 0	0 16 0	0 7 0
2. Ditto	ditto	June		1 12 0	1 0 2	13 13 10	4 18 0
3. Ditto	ditto	September		2 16 0	3 1 11	7 10 11	1 3 0
4. Ditto	ditto	December		0 18 0	1 3 0	2 0 11	0 16 0
Total.....				35 6 0	5 5 1	24 1 8	7 4 0

TABLE XXV.—FOOD AND DRUGS ACT, 1875.

Summary of Articles purchased and submitted for Analysis, with results of same, for the year ended 31st December, 1893.

No. of Sample.	Article submitted for Analysis.	Whether the sample was submitted to the Analyst by an officer acting under direction of a Local Authority under Sec. 13 of Act.	RESULT OF ANALYSIS. Shewing whether the sample was genuine or adulterated, and what were the nature and extent of the adulteration.	The sum paid in respect of the Analysis.	Observations.
696	Lime Water, B.P.	Inspctr.	Genuine .....	..
697	Ditto	Ditto	Ditto .....	..
698	Ditto	Ditto	Ditto .....	..	Badly preserved—not quite up to B.P. strength.
699	Milk	Ditto	5 per cent. added water	..	
700	Coffee	Ditto	Genuine .....	..
701	Ditto	Ditto	Ditto .....	..
702	Milk	Ditto	Ditto .....	..
703	Ditto	Ditto	13 per cent. added water	..	
704	Ditto	Ditto	Genuine .....	..	Poor quality.
705	Diluted Acetic Acid B.P.	Ditto	Ditto .....	..	80·0 B.P. strength.
706	Ditto	Ditto	Ditto .....	..	86·8 „
707	Ditto	Ditto	Ditto .....	..	74·8 „
708	Black Tea	Ditto	Ditto .....	..
709	Green Tea	Ditto	Ditto .....	..
710	Milk	Ditto	Ditto .....	..	Very poor quality.
711	Ditto	Ditto	3 per cent. added water	..	
712	Ditto	Ditto	6½ „ „	..	Fined £4 and costs 4s. 37 pr. ct. fat abstracted
713	Ditto	Ditto	8 „ „	..	Fined £4 and costs 4s. 27 pr. ct. fat abstracted
714	Ditto	Ditto	Genuine .....	..
715	Ditto	Ditto	Ditto .....	..	Very poor quality.
716	Ditto	Ditto	Ditto .....	..	„ „
717	Ditto	Ditto	Ditto .....	..	„ „ Deficient in fat

TABLE XXV.—(Continued).

No. of Sample.	Article submitted for Analysis.	State whether the sample was submitted to the Analyst by an officer acting under direction of a Local Authority under Sec. 13 of Act.	RESULT OF ANALYSIS. Showing whether the sample was genuine or adulterated, and what were the nature and extent of the Adulteration.	The sum paid in respect of the Analysis.	Observations.
718	Tapioca.....	Inspctr.	Genuine .....	..
719	Arrowroot	Ditto	Ditto .....	..
720	Milk	Ditto	Ditto .....	..	Very poor quality.
721	Ditto	Ditto	2 per cent. added water ..	..	Poor in fat.
722	Ditto	Ditto	Genuine .....	..	Poor quality.
723	Ditto	Ditto	26 per cent. added water ..	..	Fined £2 and costs 2s. (not paid).
724	Ditto	Ditto	Genuine .....	..	Equal in quality to the poorest milk on record,
725	Ditto	Ditto	Ditto .....	..
726	Ditto	Ditto	Ditto .....	..	" "
727	Ditto	Ditto	Ditto .....	..
728	Ditto	Ditto	Ditto .....	..
729	Diluted Phosphoric Acid, B.P.	Ditto	Ditto .....	..
730	Bicarbonate of Soda	Ditto	Ditto .....	..
731	Ammonia Citrate of Iron, B.P.	Ditto	Ditto .....	..
732	Ditto	Ditto	Ditto .....	..
733	Bicarbonate of Soda	Ditto	Ditto .....	..
734	Nitrate of Silver, B.P.	Ditto	Ditto .....	..
735	Ammonia Citrate of Iron, B.P.	Ditto	Ditto .....	..
736	Bicarbonate of Soda	Ditto	Ditto .....	..
737	Diluted Phosphoric Acid	Ditto	Ditto .....	..
738	Ditto	Ditto	Ditto .....	..
739	Milk	Ditto	Ditto .....	..

TABLE XXV.—(Continued).

No. of Sample.	Article submitted for Analysis.	State whether the sample was submitted to the Analyst by an officer acting under direction of a Local Authority under Sec. 13 of Act.	RESULT OF ANALYSIS. Showing whether the sample was genuine or adulterated, and what were the nature and extent of the Adulteration.	The sum paid in respect of the Analysis.	Observations.
740	Milk	Inspctr.	3 per cent. added water	..	Fined £2 and costs 12/6 Taken on Sunday.
741	Ditto	Ditto	Genuine .....	..
742	Ditto	Ditto	13 per cent. added water	..	
743	Ditto	Ditto	Genuine .....	..
744	Ditto	Ditto	Ditto .....	..	" "
745	Ditto	Ditto	Ditto .....	..	" "
746	Ditto	Ditto	Ditto .....	..	" "
747	Ditto	Ditto	9 per cent. added water	..	Fined £2 and costs 2s.
748	Ditto	Ditto	Genuine .....	..	Taken on Sunday.
749	Ditto	Ditto	16 per cent. added water	..	Very " " quality. (Taken on Sunday. Very poor in quality and very poor in fat.
750	Ditto	Ditto	Genuine .....	..
751	Ditto	Ditto	Ditto .....	..
752	Ditto	Ditto	Ditto .....	..
753	Butter	Ditto	Ditto .....	..
754	Green Tea	Ditto	Ditto .....	..
755	Black Tea	Ditto	Ditto .....	..
756	Coffee	Ditto	Ditto .....	..
757	Mustard	Ditto	Ditto .....	..
758	White Pepper	Ditto	Ditto .....	..
759	Butter	Ditto	Ditto .....	..
760	Green Tea	Ditto	Ditto .....	..
761	Black Tea	Ditto	Ditto .....	..

TABLE XXV.—(Continued).

No. of Sample.	Article submitted for Analysis.	State whether the sample was submitted to the Analyst by an officer acting under direction of a Local Authority under Sec. 13 of Act.	RESULT OF ANALYSIS. Shewing whether the sample was genuine or adulterated, and what were the nature and extent of the adulteration.	The sum paid in respect of the Analysis.	Observations.
762	Coffee	Inspetr.	Genuine .....	..
763	Mustard	Ditto	Ditto .....	..
764	White Pepper	Ditto	Ditto .....	..
765	Butter	Ditto	Ditto .....	..
766	Ditto	Ditto	Ditto .....	..
767	Coffee	Ditto	Ditto .....	..
768	Mustard	Ditto	Ditto .....	..
769	Black Pepper	Ditto	Ditto .....	..
770	Coffee	Ditto	Ditto .....	..
771	Mustard	Ditto	Ditto .....	..
772	Pepper	Ditto	Ditto .....	..
773	Butter	Ditto	Ditto .....	..
774	Ditto	Ditto	Ditto .....	..
775	Margarine	Ditto	Ditto .....	..
776	Ditto	Ditto	Ditto .....	..
777	Butter	Ditto	Ditto .....	..
778	Margarine	Ditto	Ditto .....	..
779	Brandy	Ditto	Ditto .....	..
780	Scotch Whiskey ..	Ditto	Ditto .....	..
781	Irish „ ..	Ditto	Ditto .....	..
782	Rum	Ditto	Ditto .....	..
783	Brandy	Ditto	Ditto .....	..

TABLE XXV.—(Continued).

No. of Sample.	Article submitted for Analysis.	State whether the sample was submitted to the Analyst by an officer acting under direction of a Local Authority under Sec. 13 of Act.	RESULT OF ANALYSIS. Shewing whether the sample was Genuine or Adulterated, what were the nature and extent of the Adulteration.	The sum paid in respect of the Analysis.	Observations.
784	Irish Whiskey....	Inspctr.	Genuine .....	..
785	Scotch Whiskey ..	Ditto	Ditto .....	..
786	Rum	Ditto	Ditto .....	..
787	Brandy	Ditto	Ditto .....	..
788	Irish Whiskey....	Ditto	Ditto .....	..
789	Rum	Ditto	Ditto .....	..
790	Brandy	Ditto	Ditto .....	..
791	Rum	Ditto	Ditto .....	..
792	Gin.....	Ditto	Ditto .....	..
793	Brandy	Ditto	Ditto .....	..
794	Gin.....	Ditto	Ditto .....	..	On the 22nd March. Thomas Messer, fined £3 6s. cost for refusing to supply me with milk, fined May 6th, 1893.

TABLE XXVI.

Meteorological Summary taken from Observations made at 113, Powis Street, Woolwich, for the Year 1893.

Height above sea level, 39 ft. Latitude, 51° 30' N.; Longitude, 0° 5' E.

MONTHS.	Barometer.			Temperature (Fahrenheit).					Rainfall.			Bright Sun-shine.	Wind.
	Height.	Lowest.	Mean.	Highest in shade	Lowest in shade	Mean.	Lowest on Grass	Number of Frosty Nights.	Total in inches	Difference from average.	Greatest fall in 24 hours.	Total number of hours and minutes.	Resultant.
Jan.....	30.434	29.432	29.933	52.4	14.3	33.3	12.3	21	1.48	—0.66	0.31	11.30	S.S.W.
Feb.	30.439	28.678	29.558	58.4	22.6	40.5	15.1	15	2.25	*0.64	0.35	39.43	W.S.W.
March....	30.483	29.481	29.985	68.6	27.4	48.0	20.4	16	0.38	—0.86	0.14	160.50	W.S.W.
April	30.533	29.882	30.207	78.2	34.5	56.3	27.3	7	0.04	—1.96	0.02	231.00	E.
May.....	30.440	29.497	29.968	74.7	41.1	57.9	34.3	..	0.40	—1.38	0.18	185.50	S.S.E.
June	30.400	29.340	29.870	86.0	42.9	64.4	34.7	..	0.80	—1.68	0.44	198.00	W.N.W.
July.....	30.310	29.530	29.920	84.7	49.7	67.2	43.8	..	2.36	*0.27	0.52	156.33	W.N.W.
August ..	30.257	29.568	29.912	93.0	43.2	68.1	40.8	..	1.57	—0.86	0.58	188.20	S.W.B.W.
Sept.	30.296	29.283	29.789	80.3	39.0	59.6	30.3	1	1.11	—1.32	0.25	116.17	W.B.N.
Oct.	30.472	29.178	29.825	66.6	31.2	48.9	24.0	1	3.76	*0.82	1.00	106.1	W.
Nov.	30.468	29.016	29.742	58.0	29.4	43.7	21.2	12	2.04	—0.34	0.74	31.7	E.N.E.
Dec.....	33.752	28.654	29.703	56.8	21.7	39.2	15.6	13	1.84	—0.23	0.37	29.17	S.W.

Total rainfall for the year was 18.03 inches, below the average by 7.00 inches.

Total number of hours of bright sunshine for the year was 1454 28 minutes, which is more than any previous record.

The highest temperature in the sun's rays was 149°.

The thermometers used are all Kew verified, and are placed in a Stevenson's screen.

The barometer is a Fortin Standard, with perfect Kew verification.

The sunshine recorder is one of Campbell-Stokes burning recorders.

—Shows that the fall was below the average.

* Shows that the fall was above the average.



CHART 1

NUMBER OF DEATHS FROM ALL CAUSES IN THE DOCKYARD AND ARSENAL DISTRICTS REGISTERED WEEKLY DURING THE YEAR 1893. THOSE OCCURRING IN OUTLYING INSTITUTIONS INCLUDED.

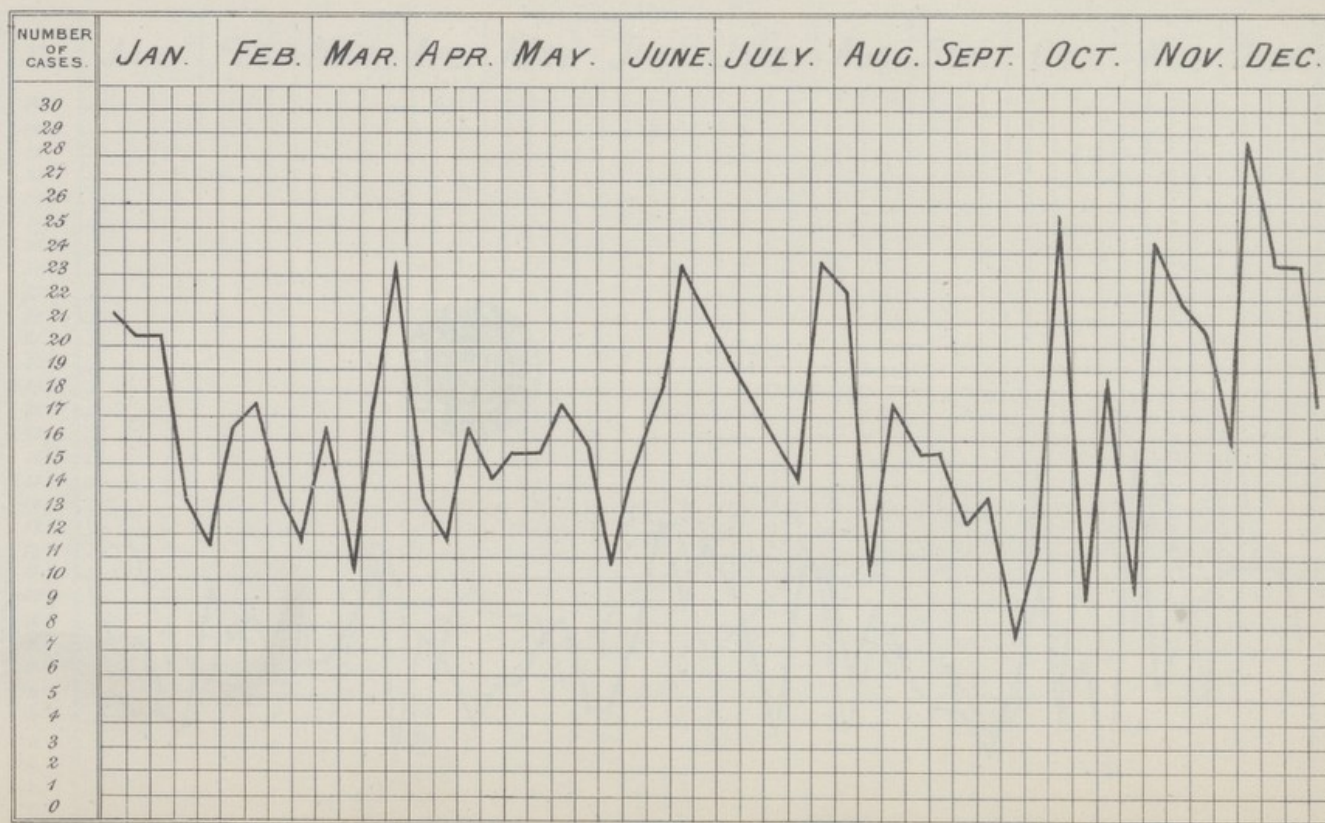




CHART 2

NUMBER OF DEATHS IN THE DOCKYARD (BLACK) AND ARSENAL (DOTTED) DISTRICTS REGISTERED WEEKLY DURING THE YEAR 1893. THOSE OCCURRING IN OUTLYING INSTITUTIONS INCLUDED.

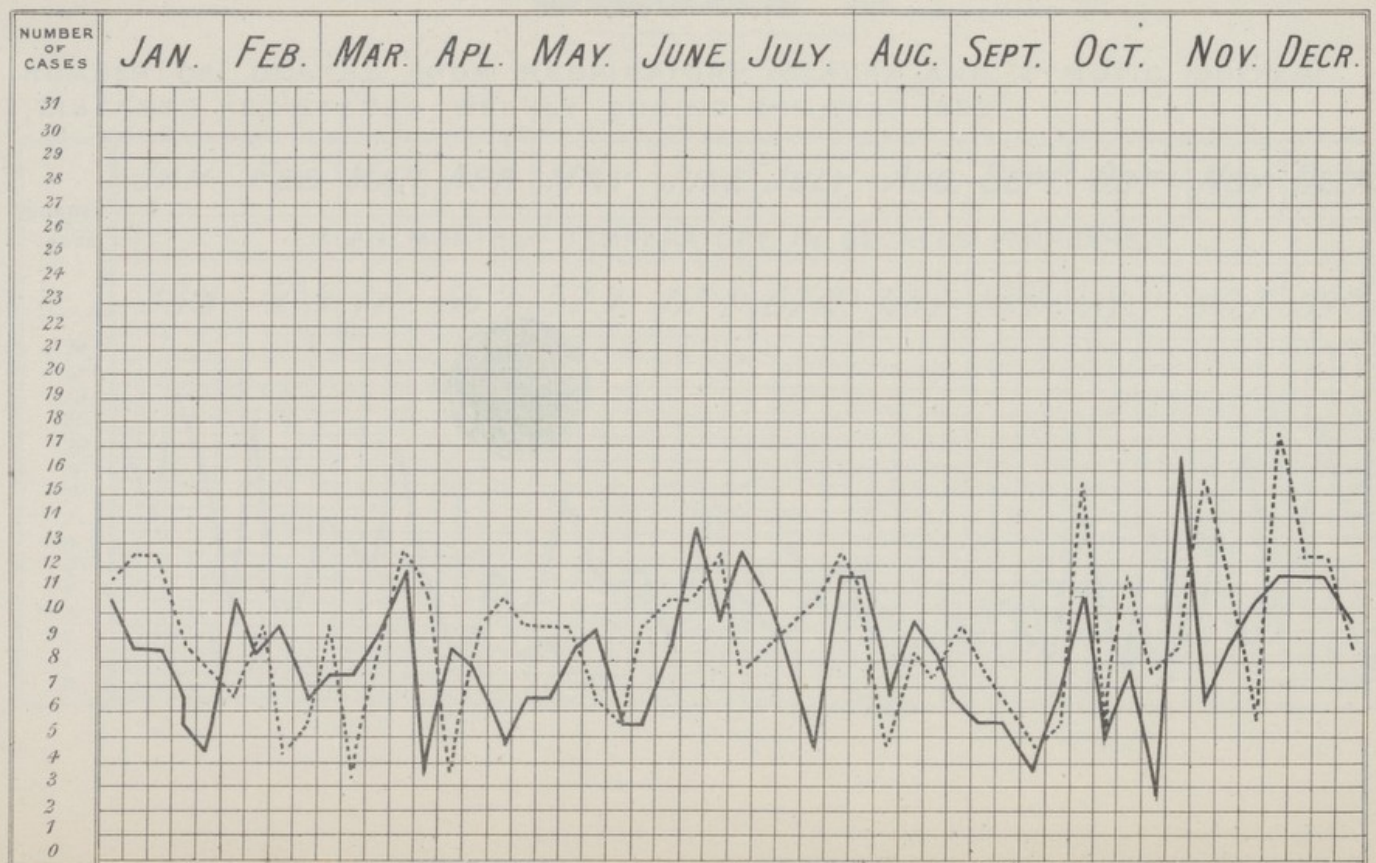


CHART 3

NUMBER OF DEATHS FROM RESPIRATORY (BLACK) AND ZYMOTIC (DOTTED) DISEASES REGISTERED WEEKLY DURING THE YEAR 1893

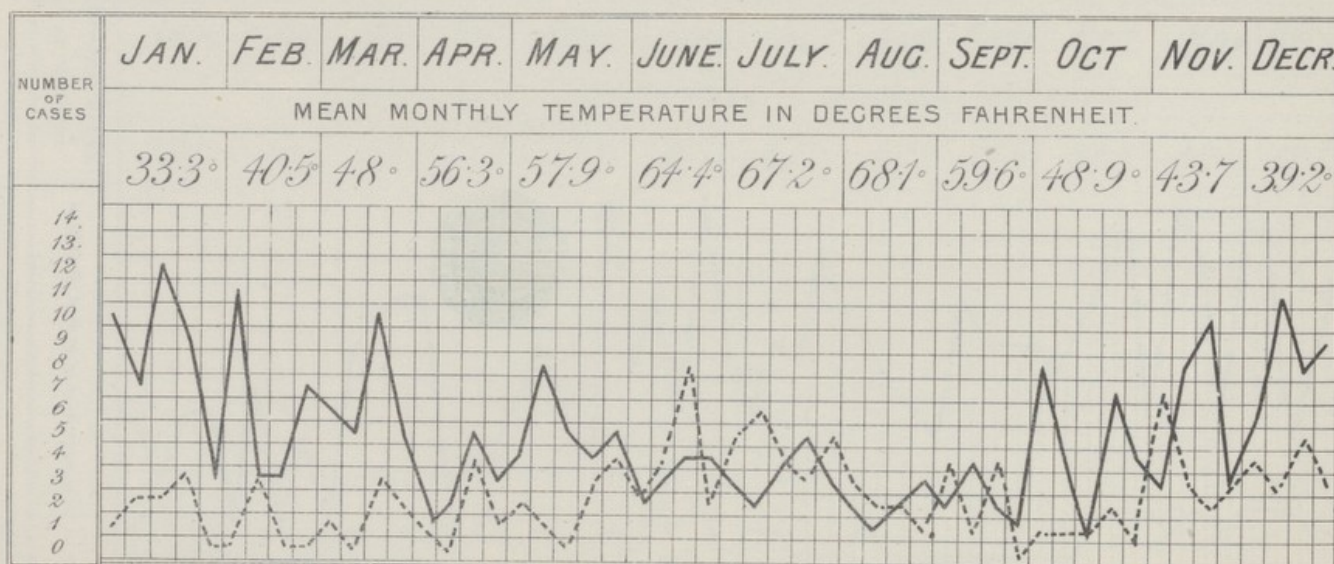


CHART 4

NUMBER OF CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1893 (*BLACK*)
AND ALSO THE DEATHS ZYMOTIC FROM SUCH DISEASES AS ARE NOTIFIED (*DOTTED*)

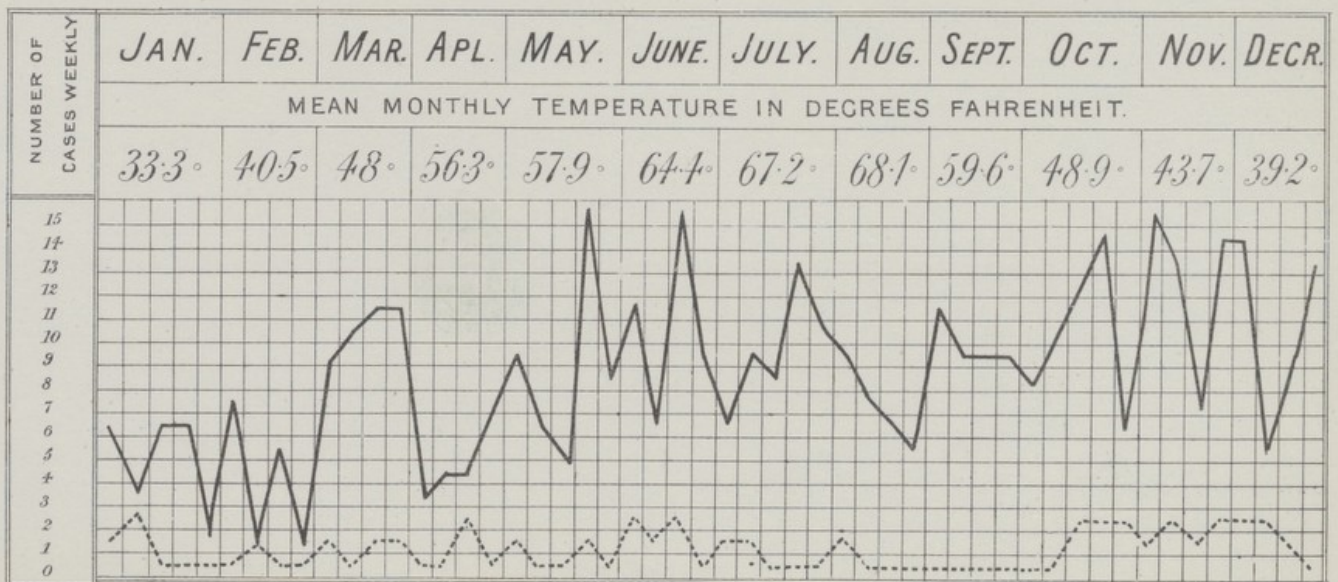
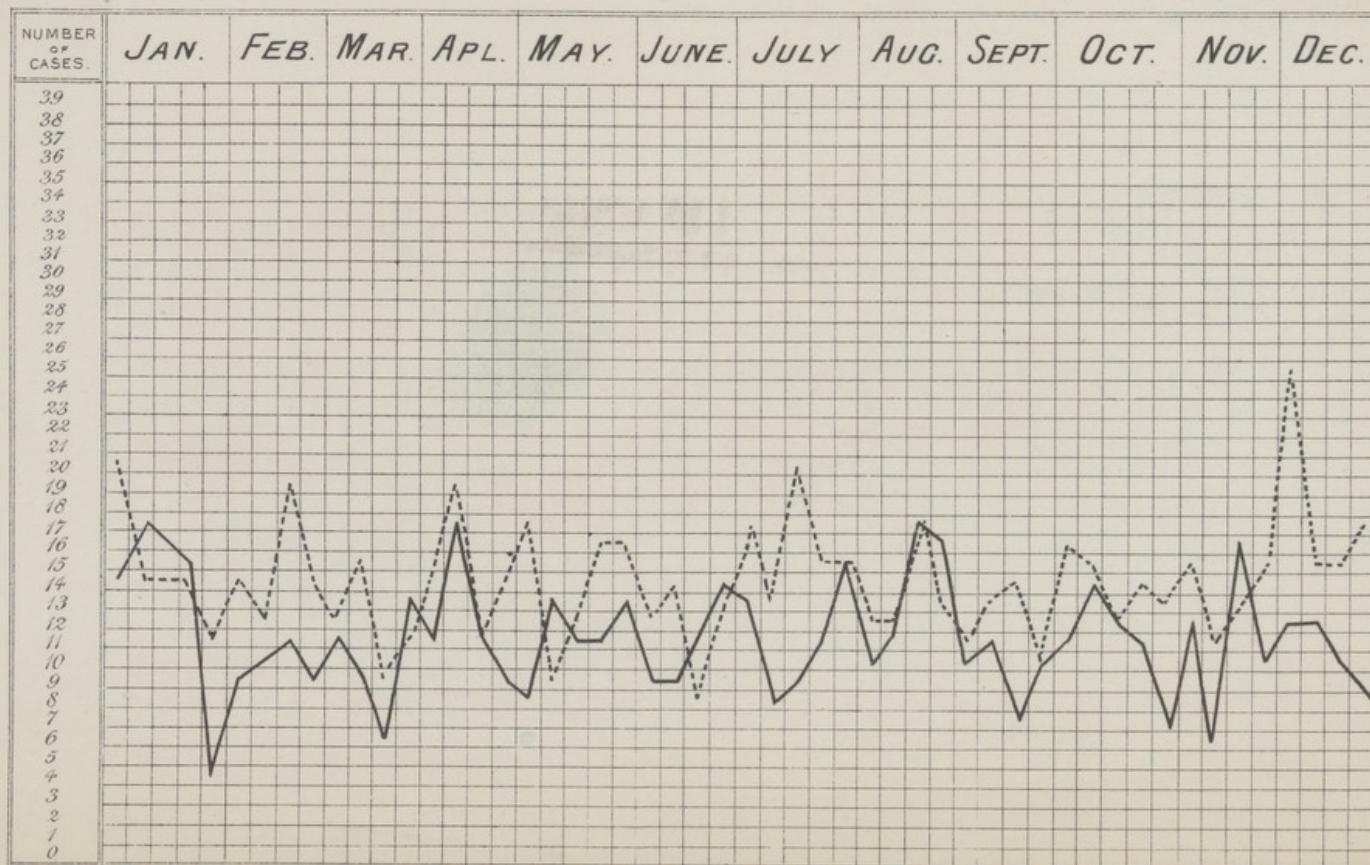




CHART 5

NUMBER OF BIRTHS IN THE DOCKYARD (BLACK) AND ARSENAL (DOTTED) DISTRICTS REGISTERED WEEKLY DURING THE YEAR 1893



[Faint, illegible handwriting, possibly a signature or list of names]



[Faint, illegible handwriting, possibly a date or reference number]

[Faint, illegible handwriting, possibly a name or title]

