BURGH OF GOVAN.



STATISTICAL INQUIRY

INTO THE

CAUSES OF DEATH

WITHIN THE BURGH OF GOVAN FOR 35 YEARS,

..1864-1898:

W. G. BARRAS, M.D.

GLASGOW UNIVERSITY, AND KING'S COLLEGE, LONDON. LICENTIATE IN SANITARY SCIENCE, DURHAM. UNIVERSITY. FELLOW ROYAL INSTITUTE OF PUBLIC HEALTH. MEMBER INCORPORATED SOCIETY OF MEDICAL OFFICERS OF HEALTH. MEMBER JENNER INSTITUTE OF PREVENTIVE MEDICINE, LONDON.

With an APPENDIX of the DETAILED RETURNS for each Year.

GLASGOW: ED BY JOHN CRAWFORD, 101 WEST GEORGE STREET

MDCCCXCIX.

Store



Presented 140-1960 STORE 420-2 20







· ____

BURGH OF GOVAN.



A

STATISTICAL INQUIRY

INTO THE

CAUSES OF DEATH

WITHIN THE BURGH OF GOVAN FOR 35 YEARS,

1864-1898:

BY

W. G. BARRAS, M.D.

GLASGOW UNIVERSITY, AND KING'S COLLEGE, LONDON. LICENTIATE IN SANITARY SCIENCE, DURHAM UNIVERSITY. FELLOW ROYAL INSTITUTE OF PUBLIC HEALTH. MEMBER INCORPORATED SOCIETY OF MEDICAL OFFICERS OF HEALTH. MEMBER JENNER INSTITUTE OF PREVENTIVE MEDICINE, LONDON.

GLASGOW: PRINTED BY JOHN CRAWFORD, 104 WEST GEORGE STREET.

MDCCCXCIX.

To the PROVOST, MAGISTRATES, and

COMMISSIONERS of the BURGH of GOVAN.

GENTLEMEN,

I have much pleasure in presenting to you my Report upon the Mortality Returns of the Burgh for the period of 35 years (1864-1898), in the hope that it may form a useful and valuable addition to the other Municipal Records.

The Figures relative to other Towns and Districts, which have been given in the following pages for the purpose of comparison, are official, being those published annually by Authority of the Registrar-General for Scotland.

I am, GENTLEMEN,

Your obedient Servant,

W. G. BARRAS, M.D.

WESTBOURNE, BELLAHOUSTON, 31st December, 1898.

.

.

INTRODUCTORY.

THE following pages have been the outcome of a desire on the part of the writer, to have a continuous record of the mortality returns within the Burgh of Govan since the year 1864, in which it was constituted a Burgh, up to the present year (1898), so that they might be preserved in their entirety for future reference. After a careful search through the old manuscript minute books of the burgh, it was discovered that either owing to the fact that no returns were ever issued in the early years, or that by some means or other they had become lost or destroyed, that up to 1871 inclusive, there were no figures available, whereby the rate of mortality could be compared with later years; consequently it was considered expedient that the Local Authority should be in possession of such a record, and therefore a renewed search has been made through the old registers of deaths, in order to complete the series up to the present time. As a result of this investigation, the following report has been furnished, showing at a glance the causes of death within the Burgh during a period of 35 years, arranged (with but slight variation), according to the classification adopted by the Registrar General in his returns, together with the monthly and annual death rates for each year, the total deaths under 5 and above 70 years of age, their ratio to deaths from all causes, the deaths from Zymotic diseases and the number of cases reported to the Medical Officer of Health, under the "Infectious Disease (Notification) Act, 1889," and the percentage of deaths to cases notified, including the deaths in hospitals, in this way obtaining the correct death-rate from the diseases of the Infectious group. For much of the historical part of the inquiry, I have to express my indebtedness to ANDREW WALLACE, Esq., Inspector of Poor, Govan Parish Council, from whose book, "A History of Glasgow," I have selected many interesting particulars regarding the ancient history of the Burgh.

INDEX.

					PAGE.	TABLE.
Annual Rates	-	-	-	-	12	 I
Amual Death Rates -	-	-	-	-	_	1.
Annual Returns—Appendix	1	-	- 1	-		
Births	-	-	-	7	45	
Birth Rate	-	-	-	-	45	XV.
Birth Rate, Illegitimate	-	-	-	-	45	XV.
Birth Rate, Illegitimate, Co	mpar	ison c	f	-	. 46	XVI.
Classification of Causes of I)eath	-	-	-	Τ4	
Constitutional Diseases	-	-	-		14, 32	
Consumption	-	-	-	-	32	XIII.
Consumption, Prevention of			- *	-	39	
Continued Fever	-	-	- ·	- :	23, 28	VIII.
Deaths, Total	-	-	-	-	15	
Deaths, under 5 years -	-	-	-		17, 18	IJ.
Deaths, over 70 years -	-	-	- •	- '	17, 19	III.
Developmental Diseases	-	-	-	-	15, 43	
Diarrhœal Diseases -	-	-	-	-	30	XI.
Dietetic Diseases	-	-	-	-	14, 32	
Diphtheria	-	-	-	-	29	
Dysentery	-	-	-	-	30	XI.
Enteric Fever	-	-	-	- 3	22, 28	VIII.
Fevers	-		-	-	22, 28	VIII.
Fever, Continued -	-	_	-	- 1	23, 28	VIII.
Fever, Enteric	-	-	-	-	22, 28	VIII.
Fever, Scarlet	-	-	-	-	21, 27	VII.
Fever, Typhus	_	_	-	_	23, 28	VIII.
Historical	-	-	_	-	9	
Ill-defined Causes of Death	_	_	-	_	15, 43	(united with the second se
Illegitimate Births -	-	-	-	-	45	XV.
Illegitimate Birth Rate	-	-	-	-	45	XV.

Infectious Diseases14, 20, 25Infectious Diseases, Notifiable-20, 25V.Infectious Diseases, Non-notifiable-23-Local Diseases15, 43-Measles21, 26VI.Miasmatic Diseases20, 25V.Miasmatic Diseases20, 25V.Miasmatic Diseases, Notifiable20, 25V.Miasmatic Diseases, Notifiable20, 25V.Miasmatic Diseases, Non-notifiable-23-Monthly Death Rates15I.Notifications of Infectious Diseases14, 32-Parasitic Diseases14, 32-Population of Burgh32XIIII.Population, Methods of Estimating-11-Quinquennial Death Rates13-Rental of Burgh13-
Infectious Diseases, Notifiable20, 25V.Infectious Diseases, Non-notifiable23-Local Diseases15, 43-Measles21, 26VI.Miasmatic Diseases20-Miasmatic Diseases, Notifiable20, 25V.Miasmatic Diseases, Notifiable20, 25V.Miasmatic Diseases, Non-notifiable-23-Monthly Death Rates15I.Notifications of Infectious Diseases14, 32-Phthisis32XIIII.Population of Burgh13-Quinquennial Death Rates16-Rental of Burgh13-
Infectious Diseases, Non-notifiable23Local Diseases-Local DiseasesMeaslesMiasmatic Diseases20-Miasmatic Diseases, Notifiable-20-Miasmatic Diseases, Non-notifiable-20-Miasmatic Diseases, Non-notifiable-20-Monthly Death Rates15I.Notifications of Infectious Diseases <t< td=""></t<>
Local Diseases15, 43Measles21, 26VI.Miasmatic Diseases20Miasmatic Diseases, Notifiable20, 25V.Miasmatic Diseases, Non-notifiable-23-Monthly Death Rates15I.Notifications of Infectious Diseases15Y.Parasitic Diseases14, 32-Phthisis32XIIII.Population of Burgh13-Quinquennial Death Rates16-Rental of Burgh13-
Measles21, 26VI.Miasmatic Diseases20-Miasmatic Diseases, Notifiable20, 25V.Miasmatic Diseases, Non-notifiable-23-Monthly Death Rates15I.Notifications of Infectious Diseases15I.Parasitic Diseases14, 32-Phthisis32XIIII.Population of Burgh13-Quinquennial Death Rates16-Rental of Burgh13-
Miasmatic Diseases20Miasmatic Diseases, Notifiable20, 25Miasmatic Diseases, Non-notifiable23Monthly Death RatesNotifications of Infectious DiseasesParasitic Diseases14, 32Phthisis13-Population of Burgh141516-1718191011-12-13-14-15-16-17-18-19-10-11-12-13-14-15-16-17-18-19-10-11-12-13-14-15-16-17-18-19-10-11-12-13-14-15-16-17-18-19-19
Miasmatic Diseases, Notifiable20, 25V.Miasmatic Diseases, Non-notifiable23-Monthly Death Rates15I.Notifications of Infectious Diseases13Parasitic Diseases14, 32-Phthisis32XIII.Population of Burgh13-Population, Methods of Estimating16-Rental of Burgh13-
Miasmatic Diseases, Non-notifiable-23-Monthly Death Rates15I.Notifications of Infectious Diseases15Z.Parasitic Diseases14, 32-Phthisis32XIIII.Population of Burgh13-Population, Methods of Estimating-11-Quinquennial Death Rates13-Rental of Burgh13-
Monthly Death Rates15I.Notifications of Infectious DiseasesX.Parasitic Diseases14, 32-Phthisis32XIIII.Population of Burgh13-Population, Methods of Estimating-11-Quinquennial Death Rates16-Rental of Burgh13-
Notifications of Infectious DiseasesX.Parasitic Diseases14, 32-Phthisis32XIII.Population of Burgh13-Population, Methods of Estimating11-Quinquennial Death Rates16-Rental of Burgh13-
Parasitic Diseases14, 32-Phthisis32XIII.Population of Burgh13-Population, Methods of Estimating11-Quinquennial Death Rates16-Rental of Burgh13-
Phthisis32<'XIII.Population of Burgh13-Population, Methods of Estimating11-Quinquennial Death Rates16-Rental of Burgh13-
Population of Burgh13-Population, Methods of Estimating-11-Quinquennial Death Rates16-Rental of Burgh13-
Population, Methods of Estimating-11-Quinquennial Death Rates16-Rental of Burgh13-
Quinquennial Death Rates16-Rental of Burgh13-
Rental of Burgh 13 —
Resumé of Death Rate 44 XIV.
Scarlet Fever 21, 27 VII.
Sualloox 21
Total Deaths 15 XIV.
Tubercular Diseases 32 XIII.
Typhus Fever 23, 28 VIII.
Violent Deaths $ 15, 43$ —
Vital Statistics 11 —
Wheening Cough 24 IV.
Zymotic Diseases
Zymotic Diseases, Principal 29, 30 IX

APPENDIX.

A STATISTICAL INQUIRY

INTO THE

CAUSES OF DEATH,

WITHIN THE BURGH OF GOVAN FOR 35 YEARS,

1864-1898.

Historical.—The signification of the name, Govan, according to Leslie, is that the word is derived from the excellence of its ale, and is supposed to be a compound of two Saxon words, "god win" (good wine), whilst Chalmers in his *Caledonia* says it comes from "gamhan," which in Gaelic is pronounced gavan and signifies a ditch.

The first reference we can find to Govan, is upon the authority of Fordun, in the *Scotichronicon*, where we are informed that Constantine, King of Cornwall, having resigned his crown on becoming a convert to the faith of St. Columba, came to this country from Ireland, and founded a monastery at Govan, in the year 565, of which he was the first Abbot, and where he was buried after suffering martyrdom. This date closely corresponds to that in which St. Mungo erected his bishopric on the classic banks of the Molendinar, around which, in the course of time, has arisen the second city of the Empire.

The Parish Church, which resembles that at Stratford-upon-Avon, the birthplace of Shakespeare, was originally dedicated to Constantine, and both prior and subsequent to the Reformation, it had an eventful religious history, and a succession of eminent divines. The old church, where for many years it was a prominent land-mark by the riverside, has within recent timesbeen taken down and rebuilt in another part of the Burgh, exactly as it was in by-gone days, where it has now become the centre of a flourishing congregation, under the name of the Elder Park Parish, whilst upon the original site has been crected the present beautiful edifice, the result of the unwearied efforts of its late esteemed pastor, the Rev. Dr. John M'Leod. The next information we have of Govan, is in the year 1136, when on the occasion of the consecration of the Cathedral of St. Mungo, by King David L., His Majesty presented to the bishop, John Achaius, the lands of Partick and the Parish Church of Govan. About 1147, Bishop Herbert, who succeeded John, bestowed the Church of Govan on his chaplain, and erected it into a prebend.

As early as the 16th century, Leslie classes it amongst the largest towns in the kingdom (Leslai Scot. Descrip., p. 10), and hence it acquired the name by which it was known, until it was created a Police Burgh of "Meikle Govan," meikle being Scotch for the English word *large* or *great*.

At the remote period above referred to, and for centuries afterwards, Glasgow itself was simply a village situated higher up the Clyde, and both owe their prosperity to the coal and ironstone of Lanarkshire, and to the fact of their being situated on the banks of a navigable river.

Walter Beaton, one of the rectors of Govan, obtained the unenviable notoriety of being one of those who in the city of St. Andrews, assisted at the trial and signed the sentence upon Patrick Hamilton, the first Protestant martyr in Scotland. The last popish incumbent of Govan was Stephen Beaton, who was presented to the parsonage and vicarage of the parish in 1561, by the unfortunate Queen Mary. The first minister of Govan, after the Reformation, was Andrew Melville, one of the most celebrated of the early Reformers. He was also Principal of the University of Glasgow (1574-80), and for forty-four years after the Reformation these offices were always held by one and the same person.

All the early history of Govan relates to its ecclesiastical affairs, and it does not appear that it ever attained to much importance as a village, prior to the middle of the sixteenth century. But that it then began to assume a position of note, may be deduced from the fact, that in the year 1595, its lands had been feued to a considerable extent, and had become known as already described by the name of "Meikle Govan," to distinguish it from "Little Govan," situated near the locality which is now known as Dixon's ironworks.

It was then, of course, but a mere rural hamlet of a few hundred inhabitants, who were engaged in agricultural pursuits and gardening, supplying the Glasgow market with fruit and

vegetables. Another of its staple industries was that of salmon fishing, for which it was long famous, and this occupation was continued down to a period within the memory of many still alive. and with whom the writer has had many an interesting conver sation about the "good old times." In the first decades of the present century, handloom weaving was the chief industry of the village. The wcavers, of whom there were 340 in the year 1839, were a respectable, intelligent class of men, and not a few of their children are now reaping the fruits of their industry and prosperity, and to whom the Burgh's Coat of Arms is very apposite, "Nihil sine labore" (nothing without toil). Such was the condition of Govan up till about the year 1850, when the shipbuilding trade began to revolutionize both the district and the population, with the result that it was constituted a Burgh in 1864, under the provisions of the "General Police and Improvement (Scotland) Act, 1862," and that in the present year (1898), it is the seventh largest town in Scotland, with an estimated population of nearly 73,000 (72,755), distributed over an area of 1,069 acres.

Vital Statistics.—In dealing with the figures relating to the public health of a community, it is absolutely necessary that there should be accurate data upon which to base the conclusions drawn from these figures, and for this purpose we must know (1) the actual or estimated population, (2) the number of births and deaths registered during the year, together with the age and cause of death of each individual.

METHODS OF ESTIMATING THE POPULATION.

I. The actual population is determined by the census, which in this country is taken every ten years, at the end of the first, or beginning of the second quarter of the year.

II. The estimated population for any year between two intervening censuses, may be arrived at in different ways.

- (a) The Registrar General in his calculation adopts the use of Logarithms, which, however, are too abstruse to discuss in the present report.
- (b) An approximately correct estimate may be arrived at by adding to the population as determined by the last census one-tenth of the increase between that figure and that of the census immediately preceding

it, for each year elapsing from the last enumeration, and adding to that one-quarter of the annual rate of increase, as in all annual returns of births and deaths, the rates are calculated upon the estimated population at the middle of the year, whereas the census deals with the population at the end of the first quarter of the year, as already described. For example—suppose the population at the 1881 census to be 50,000, and 60,000 in 1891, and we wish to obtain the estimated population in 1895 (at the middle of the year), the annual rate of increase between these two figures at successive decades is 1000, therefore, $1000 \times 4 + 250$ (one-quarter of the annual rate of increase), will give the population at the middle of 1895, viz.:—54,250.

(c) In rapidly growing districts the above methods will not hold good, and in such cases the population is estimated by multiplying the number of inhabitants per house (as per the census), by the number of occupied houses, which may be obtained from the Assessment Roll of the Burgh, and adding thereto the actual number of persons as is found to exist in model lodging-houses, and in ships within the harbours.

The "natural increment" of the people is represented by the excess of births over deaths, whilst the "actual increment" is determined by one of the above methods.

Annual Rates.—As a rule, these are expressed in terms per 1000 of the population at the middle of the year. In the case of the Infantile death rate, and that of those who have attained to over 70 years of age, the ratio is more clearly indicated by showing the percentage to the total deaths. For convenience and facility of calculation, it is to be observed that in the following tables the population is given in round numbers, anything under 500 being left out of consideration, whilst over that is reckoned as 1000.

POPULATION OF THE BURGH.

The following table shows the increase in the population of Govan, since its formation into a Burgh in 1864, compared with the estimate of 1500 in 1775, 2122 in 1836, 2556, 3131, and 7637 at the censuses of 1841, '51, and '61 respectively.

ESTIMATED POPULATION OF BURGH FOR EACH YEAR 1864-1898.

(CALCULATED TO MIDDLE OF THE YEAR).

Year.					Est. Pop.	Year.					Est. Pop.
1864,	-	-	-		9,058	1882,	-	-	-	-	55,417
1865,	-	-	-	-	9,637	1883,	-	-	-	-	58,805
1866,	-	-		-	9,913	1884,	-	-	-	-	58,569
1867.	-	-		-	10,027	1885,	-	-		-	55,463
1868.	-	_		-	11,148	1886,	-	-			54,687
1869.	-	-	-	-	12,528	1887,	-	-	-	-	54,130
1870.	-	-	-	-	14,383	1888,	-	-	-	_	54.657
1871.	-	-	-		18,667	1889,	-	-	-	-	57.236
1872.	-		-	-	23,313	1890,	-	-			61,688
1873.	-	-	-	-	28,704	1891,	(Census	61,3	64)	62,911
1874.		_			33,126	1892,	-		- 1	_	63,370
1875.	-	-		-	36,152	1893,	-	-	-		63,197
1876.	_		-	-	39,852	1894,	-	-		_	63,790
1877.	-	-	-	-	42,631	1895,	-	-	-	-	64,922
1878.	-			-	45,134	1896,	-	-	-	-	67,436
1879.	-	-		-	43,153	1897.		-	-	_	69,452
1880.	-		-	-	46,383	1898,	-	-		-	72,755
1881.	-			-	49,560						,,,

ASSESSABLE RENTAL.

Assessable	Rental,	1864-65,	-	-	-	-	-	-	£40,014	9	4
	,,	1871-72,	•	-		-	-	-	93,630	17	2
,,	,,	JS81-82,	-	-	-	-	-	-	199,876	0	0
3.2	,,	1882-83,	-	-	-	-	-	-	209,685	0	0
3.3	2.2	1883-84,	-	-	-	-	-	-	221,429	0	0
,,	,,	1884-85,	-	-	-	-	-	-	222,278	0	0
3.2	,,	1885-86,	-	-	-	-	-	-	213,815	0	0
,,	,,	1886-87,	-	-	-	-	-	-	209,360	0	0
, ,	,,	1887-88,	-	-		-	-	-	206,882	0	0
,,	,,	1888-89,	-	-	-		-	-	209,041	0	0
	,,	1889.90,	-	-	-	-	-	-	219,548	0	0
· · ·	,,	1890-91,	-	-	-	-	-	'	231,605	0	0
,,	,,	1891-92,	-	-	-	-	-	-	236,555	0	0
11		1892-93,	-	-	-	-	-	-	236,580	0	0
	11	1893-94,	-	-	-		-	-	239,453	0	0
,,	,,	1894-95,	-	-	-	-	-	-	245,767	0	0
	,,	1895-96,		-	-	-	-	-	257,362	0	0
	,,	1896-97,	-	-	-	-	-	-	271,588	0	0
	23	1897-98,	-	-	-		-	-	286,160	15	0
>>	33	1898-99,	-	-	-	-	-	-	314,000	0	0

N.B.—Govan, in respect of Population, is at present the SEVENTH, and in respect of Rental, the EIGHTH Burgh (Royal, Parliamentary, or otherwise) in Scotland.

Classification of the Causes of Death.—The method selected in the following returns is that which is adopted by the Registrar General in his detailed reports, and wherein the causes of death are divided into eight distinct groups.

I. The first division or class, embraces what are known as the **Specific Febrile**, or **Zymotic Diseases**, under which heading are embraced those communicable, or infectious and contagious diseases, which occur in the form of epidemics; whilst the term Specific, as applied to them, expresses the fact of their having a specific origin, *i.e.*, arising from a pre-existing case, by means of a specific virus or germ, such germs being known by the name of Bacteria. These diseases may be communicated from one individual to another, either by actual contact (contagious), or through the agency of certain media (infectious), such as air, water, milk, &c. This class is sub-divided into six groups, as follows :—

- Miasmatic—these are better known as the principal Zymotic or infectious diseases, and are arranged according as to whether or not they are notifiable, under the "Infectious Disease (Notification) Act, 1889."
- (2) Diarrhœal—Diarrhœa and Dysentery.
- (3) Malarial-Ague and Remittent Fever.
- (4) Venereal.
- (5) Septic—Blood-poisoning.
- (6) Zoogenous diseases communicable from the lower animals to man, viz. :--Glanders or Farcy, Anthrax, Wool-sorters' Disease or Splenic Fever, Hydrophobia, and Cow Pox.

II. **Parasitic.**—These diseases may be due either to vegetable or animal parasites, the former, however, in this country being the more common, especially the disease known as Thrush.

III. Dietetic.—Embracing Intemperance (Chronic Alcoholism and Delirium Tremens), Scurvy, Starvation, Inanition, and want of Breast-milk.

IV. **Constitutional.**—This class includes all forms of Tubercular or Wasting diseases, chief amongst which is that known as Phthisis Pulmonalis, popularly called Consumption, and generally referred to the lungs. This group alone, accounts for from oneseventh to one-eighth of the total deaths registered yearly in the United Kingdom. In addition to the various forms of Tuberculosis, there are also included in this class, Gout, Rheumatism, Rheumatic Fever, Cancer, Rickets, Anæmia, Chlorosis, Leucocythæmia, and Diabetes, &c.

V. Developmental. — Under which are arranged Birth Debility, Malformations (Congenital), and Old Age.

VI. Local.—Including deaths from the organs of Special Sense, and the different systems of the body, viz.:—Nervous, Circulatory, Respiratory, Digestive, Lymphatic, Urinary, Reproductive, and Integumentary, as well as of the organs of Locomotion.

VII. Violence.-Accident, Negligence, Homicide, and Suicide.

VIII. Ill-defined and not Specified Causes.—Including Dropsy, Debility, Atrophy, Tumour, Abscess, Hæmorrhage, Sudden Deaths (cause unascertained), and all other ill-defined causes.

TOTAL DEATHS.

The aggregate number of deaths within the Burgh for the 35 years (1864-1898), from all causes, and at all ages, is 31,640, giving an average of 904 per annum, with an average annual death rate of 22.51 per 1000 of the population.

The highest annual rate occurred in 1864, when it was $33\cdot22$; the lowest in 1894, when it fell to $15\cdot46$. The highest monthly rate was $53\cdot33$, in March, 1864; the lowest, $8\cdot95$, in September, 1894.

During this period, it will be seen that September has the lowest average rate, and March the highest.

COMPARATIVE MONTHLY RETURNS.

AVERAGE DEATH RATE PER 1000.

September	-	-	-	-	-	-	-	18.54
August	-	~	-	-	~	~	-	20.89
June -	-		_	-		-	-	20.96
October	۱. ا	-	-	_	-	-	-	21.01
February	-	_	_		_	_	_	22.32
July -	_		_	_	_	~	-	22.45
November	_		-	_	_	-	-	22.95
December	_	_	~		_	-	-	23.59
April -	_		_	-			-	23.91
May -	_	-	-	_	-	-	-	23.92
fanuary	_	-	_		_	-	-	25.34
March -	_	_		-	_		-	26.15

In order to show more clearly the improvement in the Public Health of the Burgh during this period, the following table has been drawn up, showing the quinquennial averages, as in this manner the difference is more obvious, than by comparing each year individually with its predecessor, or the one immediately following.

TABLE showing AVERAGE DEATH RATES per 1000 from ALL CAUSES, and from NOTIFIABLE INFECTIOUS DISEASES-1864-1898.—Quinquennial Periods.

	1864 to 1868	1869 to 1873	1874 to 1878	1879 to 1883	1884 to 1888	1889 to 1893	1894 to 1898
Average Annual Death Rate. All Causes.	27.86	25.68	25.97	22.73	19-22	18.93	16.97
Average Annual Death Rate. Infectious Diseases (Notifiable).	4.57	3.79	3.35	2.21	1.23	2.19	1.01

From the above it will be seen that there has been a marked decrease in the death rate of the latter periods of five years, as compared with the earlier cycles, both in the deaths from all causes and from those of the Zymotic group. The difference between the averages of the first and last quinqennium represents the saving of 803 lives per annum, with the present population of 73,000. Contrasting the first fifteen years (1864-1878), with the latter (1884-1898), the actual saving of lives amounts to 584 per annum. Whilst the first year in the history of the Burgh (1864), had a death rate of $33 \cdot 22$, that of the year just ended (1898) was only 16.08, or less than one-half.

The following chart clearly shows the improvement referred to, whilst the accompanying table fixes the monthly and annual death rates for each of the 35 years.



-



CHART to show GRADUAL DECREASE in DEATH RATE from INFECTIOUS DISEASES (per "Notification Act"), per 1000 Population.

Year	18	6 4	6 5	66	67	68	69	70	, 71	72	` 73	74	[`] 75	76	77	78	, 79	80	81	82	83	84	85	86	87	88	່ 89	9 0	91	92	93	94	95	96	9 7	9 8
1	7																													•						
	6											R																								
	5	•										7																	•							
)	4								-•					,																						
	3									6	_		X		A						~		-								٨					
	2									-				\bigvee					1	-								-							_	
	1	ĺ														V						6	~			\checkmark								×	-	
	0	Í																						V								•	-			

CHART to show GRADUAL DECREASE in DEATH RATE from ALL CAUSES: per 1000 Population.











ABLE IMONTHLY and ANNUAL	Death Rates per	1000 of the Population for	r 35 Years—1864-1898.
--------------------------	-----------------	----------------------------	-----------------------

.

den.

	YEAR			Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Rate.
1864		-	-	52.00	25.33	53.33	41.33	21.33	29.33	32.00	21.33	24.00	33.33	29.33	36.00	33.22
1865	-	-	-	42.00	30.00	44.40	20.40	36.00	22.80	32.40	21.60	25.20	20.40	32.40	21.60	29.10
1866	-	-94	-	26.40	24.00	21.60	28.80	27.60	26.40	26.40	20.40	24.00	21.60	26.40	20.40	24.50
1867	~	-	-	34.80	26.40	27.60	26.40	25.20	22.80	39.60	31.20	24.00	31.20	33.60	27.60	29.20
1868	-	-	-	25.09	19.63	36.00	22.90	19.63	22.90	19.63	26.18	14.18	27.27	38*18	22.90	24.27
1869	-	-	-	24.00	+20.30	23.07	29.53	20.30	32.30	25.84	26.77	11.07	22.15	26.77	43.38	25.46
1870	-	-	-	30.00	22.28	27.42	25.71	28.28	16.28	27.42	35.14	22.28	21.42	24.85	33.42	26.21
1871	-	-	-	20.84	25.89	32.21	28.42	25.89	27.78	29.05	23.36	18.31	26.52	27.15 .	27.78	26.10
1872	-	-	-	25.04	22.43	23.43	22.95	19.82	25.04	31.30	28.13	24.52	20.87	30.26	36.52	25.87
1873	-	-	-	21.93	19.86	23.58	22.34	30.62	26.96	22.75	22.34	20.69	21.93	35.60	27.72	24.75
1874	-	-	-	24.36	25.45	33.81	32.72	27.27	33.81	26.90	$27 \cdot 27$	34.18	30.18	32.00	44.36	31.03
1875	-	-	-	40.66	32.33	37.33	38.66	32.66	19.38	28.66	24.66	18.66	15.33	23.33	25.66	28.11
1876	-	-	~	27.60	23.40	21.70	21.70	23.40	18.60	30.00	26.70	19.50	19.80	21.30	24.00	23.22
1877	-	-	-	34.04	24.83	30.13	25.95	32.09	20.09	20.09	19.53	17.86	25.67	20.09	22.60	24.41
1878	-	-	-	22.40	.22.40	21.86	25.60	22.66	18.40	21.60	26.13	21.60	25.86	21.86	26.66	23.08
1879	-	-	-	30.41	31.53	31.53	22.46	24.27	21.48	15.07	13.11	18.69	16.74	17.86	24.55	22.37
1880	-	-	-	20.87	24.78	31.30	24.52	20.60	17.73	22.69	18.78	17.47	24.52	30.00	19.82	22.76
1881	-	-	-	38.04	26.04	24.76	20.40	17.28	20.64	26.16	22.80	23.28	25.20	22.56	25.68	23.96
1882	-	-	-	23.76	20.88	22.56	23.76	20.40	19.44	27.60	25.20	20.40	25.68	26.00	$27 \cdot 27$	21.81
1883	-	-	-	29.20	24.00	23.78	34.47	36.87	24.65	20.07	16.80	21.38	23.78	18.72	16.67	22.76
1884	-	-	-	20.54	17.88	20.74	19.93	19.93	16.67	16.67	18.70	21.35	20.33	17.69	26.03	19.70
1885	-	-	-	20.33	18.10	21.55	22.37	21.76	18.30	14.23	19.10	18.32	17.23	21.60	22.24	20.54
1886	-	-	-	21.81	29.89	30.54	16.58	20.94	18.10	16.58	16.36	13.96	17.23	14.40	17.89	19.52
1887	-	-	-	17.23	19.85	24.21	23:56	28.36	16.14	20.50	19.41	13.09	18.00	19.77	20.44	20.33
1888	-	-	-	18.44	18.00	22.44	17.11	16.00	14.22	13.53	13.96	13.30	18.10	15.05	$14 \cdot 40$	16.03
1889	-	-	-	18.54	16.36	20.07	22.25	26.83	18.32	16 ·36	13.74	14.94	14.10	16.21	16.21	17.38
1890	•	-	-	20.85	18.68	23.21	23.80	26.55	19.67	21.63	13.77	17.50	15.09	17.61	20.51	19.66
1891	-	-	-*	21.52	14.66	19.04	18.85	23.80	24.76	15.48	18.85	15.23	13.14	23.04	20.19	19.11
1892	-	-	-	20.65	19.67	17.31	18.49	20.45	13.96	17.31	17.31	13.96	18.49	16.52	17.71	17.14
1893	-	-	-	22.28	19.42	27.42	23.80	25.71	25.14	20.38	16.38	13.14	19.80	26.66	16.57	21.39
1894	-	-	-	19.23	14.28	16.76	16.00	17.90	15.61	15.42	13.90	8.95	18.75	15.56	15.37	15.46
1895	-	•	-	17.25	34.87	22.87	16.87	20.81	13.31	20.43	12.93	12.18	16.98	13.10	14.40	17.78
1896	-	-	-	18.09	16.06	16.80	18.46	18.46	19.75	20.67	15.69	16.61	15.40	17.19	14.50	16.91
1897	-	+	-	18.44	15.76	18.80	21.49	19.70	16.65	17.19	24.17	17.91	17.56	17.21	23.82	18.65
1898	-	-	-	18.26	16.34	22.08	18.60	17.91	16.52	14.26	19.65	17.42	15.78	13.47	11.01	16.08
Average (2	Rate-3 Monthly).	5 Year	s	25.34	22.32	26.15	23.91	23.92	20.96	22.45	20.89	18.54	21.01	22.95	23.59	22.51



DEATH RATE per 1000 of the POPULATION for 10 Years-1889-1898; showing the Comparison between the Rates for BURGH OF GOVAN, ALL SCOTLAND, and the EIGHT PRINCIPAL TOWNS.

	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	10 Yrs. Av.
Govan All Scotland - Glasgow - Edinburgh - Dundee - Aberdcen - Leith Paisley - Greenock - Perth	$\begin{array}{c} 17 \cdot 3 \\ 18 \cdot 4 \\ 23 \cdot 6 \\ 18 \cdot 8 \\ 19 \cdot 5 \\ 19 \cdot 2 \\ 20 \cdot 4 \\ 21 \cdot 1 \\ 21 \cdot 1 \\ 19 \cdot 1 \end{array}$	$\begin{array}{c} 19.6\\ 19.7\\ 23.8\\ 20.9\\ 23.8\\ 21.6\\ 21.7\\ 20.7\\ 22.3\\ 22.2\end{array}$	$\begin{array}{c} 19 \cdot 1 \\ 20 \cdot 7 \\ 25 \cdot 3 \\ 21 \cdot 6 \\ 22 \cdot 9 \\ 19 \cdot 3 \\ 20 \cdot 2 \\ 26 \cdot 7 \\ 22 \cdot 6 \\ 20 \cdot 7 \end{array}$	$\begin{array}{c} 17 \cdot 1 \\ 18 \cdot 6 \\ 22 \cdot 8 \\ 19 \cdot 4 \\ 19 \cdot 0 \\ 20 \cdot 5 \\ 20 \cdot 9 \\ 18 \cdot 6 \\ 19 \cdot 7 \\ 19 \cdot 6 \end{array}$	$\begin{array}{c} 21 \cdot 3 \\ 19 \cdot 5 \\ 23 \cdot 3 \\ 19 \cdot 7 \\ 22 \cdot 2 \\ 18 \cdot 5 \\ 19 \cdot 1 \\ 22 \cdot 0 \\ 20 \cdot 9 \\ 22 \cdot 0 \end{array}$	$\begin{array}{c} 15 \cdot 4 \\ 17 \cdot 2 \\ 19 \cdot 9 \\ 17 \cdot 5 \\ 18 \cdot 9 \\ 18 \cdot 6 \\ 16 \cdot 8 \\ 17 \cdot 9 \\ 19 \cdot 2 \\ 19 \cdot 0 \end{array}$	$\begin{array}{c} 17.7\\ 19.7\\ 23.5\\ 20.8\\ 21.2\\ 21.1\\ 20.4\\ 21.6\\ 23.0\\ 20.8 \end{array}$	$\begin{array}{c} 16 \cdot 9 \\ 16 \cdot 9 \\ 20 \cdot 4 \\ 16 \cdot 9 \\ 19 \cdot 2 \\ 18 \cdot 2 \\ 16 \cdot 0 \\ 18 \cdot 5 \\ 17 \cdot 8 \\ 19 \cdot 4 \end{array}$	$18.6 \\ 18.7 \\ 22.0 \\ 21.3 \\ 20.7 \\ 17.9 \\ 20.3 \\ 19.8 \\ 22.2 \\ 21.9 \\ $	$\begin{array}{c} 16.0 \\ 18.4 \\ 21.2 \\ 19.6 \\ 21.0 \\ 19.1 \\ 17.9 \\ 21.0 \\ 21.4 \\ 20.5 \end{array}$	$\begin{array}{c} 17.9\\ 18.7\\ 22.5\\ 19.6\\ 20.8\\ 19.4\\ 19.3\\ 20.7\\ 21.0\\ 20.5\end{array}$

The above Table shows in a striking manner the very favourable position which the Burgh occupics with reference to its Death Rate, as taking the average for the 10 years, from 1889 to 1898 inclusive, Govan has a Death Rate lower than that for all Scotland, and also as compared with that of the eight principal towns.

Considering the occupation of its inhabitants, and the conditions under which many of them exist, such a rate must be highly gratifying to the community, and reflects the greatest credit upon the efforts of the Public Health Department in their endeavours to improve the health, and prolong the lives of the people.

DEAHTS UNDER FIVE YEARS OF AGE.

The Total Deaths under Five Years of age amount to 16,909, equal to a rate of 53.25 per cent. of the whole, and represent a rate of 12.11 per 1000 of the population; with the exception of the years 1870, 1888, 1892, 1894, and 1895, these deaths accounted for more than one-half of the total, the highest rate occurring in 1878, when it was 61.69 per cent.

DEATHS OVER SEVENTY YEARS OF AGE.

These account for 1628; equal to a rate of 5.14 per cent. of the total, and 1.20 per 1000 of the population. The average age at death was 76.92 years, and during the 35 years only two deaths of centenarians have been registered, both females; one in December, 1869, aged 107 years; the other in September, 1872, aged 100 years. In other words, out of every 100 deaths, five attain or exceed the allotted span of three score years and ten.

Year.	Total Deaths under Five Years,	Rate per 1000 Living.	Percentage to Total Deaths.
1.001	150	17.55	52.84
1864	190	11.80	51.20
1865	148	12.50	55.10
1866	130	15.90	54.10
1867	198	10.00	52.80
1868	141	12.01	51.96
1869	172	10.25	17.13
1870	173	12.99	51.03
1871	268	14.10	51.78
1872	326	14.17	57.70
1873	415	14.31	57.51
1874	589	17.84	57.60
1875	583	16.19	57.00
1876	502	12.55	04.00 #0.00
1877	612	14.23	08.20
1878	642	14.26	01.09
1879	526	12.23	54.01
1880	575	12.50	04.91
1881	655	13.51	54.67
1882	671	12.78	55.68
1883	737	12.93	54.87
1884	606	10.27	52.10
1885	609	10.68	53.00
1886	548	9.96	51.02
1887	585	10.73	53.27
1888	411	7.54	46.59
1880	507	9.05	51.16
1000	634	10.30	52.00
1000	609	9.66	50.53
1001	532	8.57	49.25
1094	809	12.84	60.01
1090	450	7.08	45.45
1894	599	8.20	45.76
1895	568	8.60	50.13
1896	668	9.82	51.90
1897	658	9.01	56.04
1898	090		
Tomat	16.909	12.11	53.25

TABLE IIShowing ANNUAL	NUMBER of DEATHS under Five
YEARS OF AGE, RATE per	1000 LIVING, and PERCENTAGE
to Total Deaths-1864-18	398.

TABLE III.—Showing ANNUAL NUMBER OF DEATHS above 70 YEARS OF AGE, and AVERAGE AGE at DEATH; RATE per 1000 LIVING, and PERCENTAGE to TOTAL DEATHS—1864-1898.

Year.	Deaths above 70 Years.	Average Age at Death.	Rate per 1000 Living.	Percentage to Total Deaths.
1861	17	75.88	1.08	5.68
1865	17	78.11	1.70	5.81
1866	18	77.05	1.80	7.34
1867	20	78.25	2.00	C.SA
1868	23	77.78	2 00	8.61
1869	18	78.77	1.38	5.13
1870	1 22	75.50	1.57	5.99
1871	29	77.06	1.52	5.8.1
1872	32	77.87	1.39	5.37
1873	36	76.44	1.24	5.01
1874	40	76.37	1.21	3.90
1875	40	77.12	1.11	3.95
1876	51	76.47	1.27	5.48
1877	44	76.11	1.02	4.19
1878	39	77.28	0.86	3.75
1879	46	77.71	1.07	4.78
1880	55	76.16	1.19	5.25
1881	54	77.09	1.08	4.59
1882	30	79.60	0.54	2.48
1883	48	76.27	0.81	3.57
1884	43	76.83	0.72	3.69
1885	56	76.91	1.01	4.95
1886	58	77.79	1.05	5.40
1887	56	79.01	1.03	5.10
1888	50	75.36	0.90	5.66
1889	59	76.11	1.03	5.95
1890	75	75.98	1.20	6.15
1891	76	76.39	$1\cdot 20$	6.30
1892	71	76.09	1.12	6.57
1893	68	75.19	1.07	5.04
1894	57	76.94	0.89	5.75
1895	82	76.47	1.26	7.17
1896	63	76.46	0.94	5.56
1897	73	77.71	1.02	5.67
1898	62	76.32	0.84	5.28
Total	1628	76.92	1.20	5.14

DEATHS FROM THE VARIOUS GROUPS OF DISEASES.

I.-SPECIFIC FEBRILE, OR ZYMOTIC DISEASES.

As already explained, this group includes those communicable or infectious and contagious diseases which occur in epidemics, and may be communicated from one individual to another, either by actual contact (contagious), or through the agency of certain media (infectious), such as air, water, milk, &c.

(a) Miasmatic.—The principal Zymotic diseases are those which belong to the Miasmatic or Infectious group, and these again have been sub-divided in the following returns into two classes, Notifiable and Non-notifiable, according as to whether or not they are included in "The Infectious Disease (Notification) Act, 1889."

The total deaths during the period of 35 years from Miasmatic affections number 4857, being equal to 15.3 per cent. of the total deaths from all causes. Those from the Notifiable diseases amount to 3295, or 10.4 per cent.; from the Non-notifiable 1562, or 4.9 per cent.

		Dise	ase.				Total Deaths.	Percentage to Total Deaths.
							-	1
Small Pox	_	-	-	-	-	-	48	$\cdot 15$
Measles	_	_			-	-	1,200	3.79
Scarlet Fey	er	-	-	_	-	- 20	726	2.29
Diphtheria	and M	lei	nbrano	us C	houp	-	625	1.97
Ervsipelas	-		-	-	-		112	•35
Puerperal]	Tever		-	-	-	- 0	67	•21
Typhus Fer	ver	~			-	- 1	115	•36
Enteric Fe	ver	_	-	-		-	353	1.11
Continued	Fever	_		-		-	30	·10
Relausing	Fever	-	-	-	-	-	10	•03
Cholera	-	_	-	-	-	-	9	.03
Onoreta								
	Тот	۱L					3,295	10.4

DETAILED RETURNS OF NOTIFIABLE DISEASES-1864-1898.

Small Pox.—There have been 48 deaths from Small Pox since 1864, equal to 15 per cent. of the total. Excluding two deaths in the hospital which is now outside the Burgh, there has been no death from Small Pox within the Burgh since February, 1883. It is satisfactory to note that there has been no case reported since June, 1895.

Measles has accounted for 1200 (3.79 per cent.) deaths, chiefly due to pulmonary complications amongst children of the poorer class, amongst whom it is regarded as a disease of but little In the case, however, of well-nourished children, in moment. healthy homes, the mortality is practically *nil*. The disease is most prevalent in winter, and in large towns epidemics occur every three or four years, coincident with the appearance of a fresh crop of susceptible infants. The mortality is greatest under three years of age, and is intensified by overcrowding and general insanitary conditions. The infection is given off in the breath and from the skin of the sick, and may be communicated either through the air or by means of clothing, &c. Owing to the fact that it is highly infectious before the characteristic rash appears, *i.e.*, in the catarrhal stage, it is much more difficult to prevent the spread of this disease than is the case with the other Zymotic affections.

Scarlet Fever, like Measles, is essentially a disease of childhood, and is most fatal during the third year of life. The total deaths amounted to 726 (2.29 per cent.), the majority taking place in October and November. The infection, as in Measles, is given off in the breath and from the skin of the patient, but is most active in the stage of desquamation. It may be conveyed through the medium of the air, and clings with great tenacity to bedding, clothing, furniture, books, &c., and the virus may remain dormant for a lengthened period. The milk supply is a very important factor in the spreading of Scarlet Fever, and this may occur in different ways. For example, the cows may have been milked by a person who has had a slight attack of the disease, or who may have been in attendance upon a case of sickness in the farm, dairy, or elsewhere, which in the light of subsequent events was proved to have been a mild, and perhaps unrecognised form of the disease in question. The milk, however, may derive its infective property from having been stored in a room or ceilar, in which clothing, &c., from the sick has been placed. In some recent epidemics, as at Hendon and Wimbledon, investigations

have shown that cows are liable to a discase, which is either identical with, or resembles very closely, human Scarlet Fever, and that the milk from these animals produced the outbreak amongst those consuming it.

As showing the important part which milk plays in the spread of infectious diseases, the late Mr. Ernest Hart, in a paper read before the International Medical Congress, in 1881, gave an account of 71 epidemics due to infected milk, 50 of Enteric Fever, 14 of Scarlet, and 7 of Diphtheria; the number of cases traceable to each being 3500, 800, and 500 respectively. Since that date many other epidemics caused through the agency of the milk-supply have been recorded.

Fevers (excluding Scarlet Fever, which is returned separately), accounted for 498 deaths (1.57 per cent.), consisting of—

Enteric Fever	-	-	353 = 1.11	l per cent.
Typhus Fever	-	-	115 = .3	6 ,,
Continued Fever		-	30 = .10	Э,,
			498 = 1.5	- 7 ,,

The virus of Enteric Fever, like that of many other infectious diseases, retains its virulent property for a long time in a latent form, and as it can be easily roused into activity under certain insanitary conditions and circumstances, its origin like that of Diphtheria is often shrouded in the deepest mystery, whilst the poison may exert its baneful effects at a long distance from its original source.

The specific organism which is concerned in the eausation of the disease, is contained in the discharges from the bowel of the patient. No age is exempt from this disease, which is the most insidious and treacherous of the Zymotic group, but that between 15 and 25 years is more prone to it than any other. It is also worthy of remark, that whilst the poorer classes are perhaps less liable to attack, and are more likely to make a rapid and satisfactory recovery when placed under proper sanitary arrangements, those in better eircumstances are more apt to take it in a severe and fatal form. Although in many cases the true nature of the disease may be overlooked, either from the patient having had it in a modified or abortive manner, or from some predominant complication overshadowing the primary illness, the average mortality in typical cases varies from 15 to 25 per cent. The methods of infection in many cases are entirely unaccountable,

yet the fact remains that there must of necessity be in all cases the presence of the specific virus, either in the air, water, milk, or other articles of food; as decomposing organic matter, and sewer-air without the specific virus, although producing other forms of illness and indisposition, cannot produce Enteric Fever. The specific contagion may be inhaled or swallowed in the form of the dried fæcal matter (analogous to the dried sputum in cases of Phthisis), especially in rural districts, where the discharges are thrown into privies and middens without previous disinfection, or from the soakage of the polluted excrement into the wells from which the water-supply is derived. In towns, sewer-air may be drawn into the water pipes where the W.C's. communicate directly with the main, and where there is no intervening cistern. Badly-trapped water-closets, unventilated drains and sewers, the over-flow pipes from cisterns, and waste-pipes from baths and wash-hand basins, leading directly into the soilpipe, which soil-pipe is unfortunately in too many instances carried through and underneath the house, instead of being at once carried to the outer walls of the dwelling, are other fertile sources of infection from Enteric or Typhoid Fever. Milk also may be the medium of contagion in many cases, either from having been kept in vessels washed with tainted water, or deliberately adulterated with water containing the specific poison, or from exposure to effluvia from faulty drains, cesspools, or imperfectly ventilated drains or sewers.

Typhus Fever, which is also known as pestilential, ship, or gaol fever, is intimately associated with poverty and overcrowding, especially so in the winter, and at times of trade depression. As all cases reported are immediately removed to hospital, and as the germs of the disease are rapidly destroyed by cleanliness, sunlight, and fresh air, the chances of an outbreak of this disease are reduced to a minimum.

Continued Fever is the term applied to all other forms of Febrile disease, which do not answer to the characteristics of either of the above types.

(b) The Non-notifiable (Miasmatic) Diseases accounted for 1562 deaths (4.93 per cent.), of which no less than 1523 (4.81 per cent.) were due to Whooping Cough. 30 occurred from Influenza, 6 from Chicken Pox, 1 from Cerebro-spinal Fever, 1 from Mumps, and 1 from Leprosy in November, 1885.

Year.	Number of Deaths.	Rate per 1000.
1864	3	•33
1865	9	·90
1866	8	·80
1867	29	2.90
1868	9	·81
1869	12	•85
1870	14	1.00
1871	7	3.68
1872	17	.73
1873	18	$\cdot 62$
1874	28	·84
1875	25	.71
1876	18	•45
1877	33	.76
1878	89	1.97
1879	59	1.37
1880	75	1.67
1881	27	·54
1882	87	1.58
1883	85	1.44
1884	52	.88
1885	49	• •89
1886	89	1.61
1887	79	1.46
1888	33	•60
1889	38	•66
1890	70	1.12
1891	66	1.04
1892	30	. 47
1893	69	1.09
1894	48	•75
1895	38	•60
1896	63	.92
1897	80	1.15
1898	67	-91
Total	* 1,523	1.11

TABLE IV.—Showing RATE per 1000 of Population, and Annual Number of Deaths from Whooping Cough.

* 4.81 per cent. of Total Deaths.

Year.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec.	Yearly Totals.	Rate per 1000.
1864	9	5	6	3	2	3	3	2	4	5	4	6	52	5.77
1865	9	8	ğ	2	7	6	4	1	2	3	5		56	5.60
1866	ĩ	3	3	2		2	1	2	. 7	8	9	3	41	4.10
1867	5	5	2	3		2	2	1	3	3	5	4	35	3.50
1868	4	1	$\overline{3}$	2	3	1		2	4	7	9	7	43	3.91
1869	4	4	4	4	3	6	3	6	2	4	3	6	49	3.76
1870	5	4	8	2	2		6	6	õ	- 3	9	10	60	4.28
1871	8	7	7	8	5	9	7	5	5	7	4	10	82	4.31
1872	10	6	6	8	4	3	7	6	2	1	14	11	78	3.39
1873	10	1	8	4	7	9	9	6	6	7	17	10	94	3.24
1874	11	8	13	13	13	11	6	9	36	34	34	27	215	6.51
1875	12	12	17	21	25	8	3	6	8	4	$\overline{7}$	3	126	3.50
1876	8	3	2	1	6	1	14	7	12	9	13	8	84	2.10
1877	19	19	17	11	24	14	8	3	5	7	4	3	134	3.11
1878	9	6	3	8		2	9	9	4	$\overline{7}$	2	11	70	1.55
1879	12	13	20	12	8	$\overline{7}$		1	2	6	4	4	89	2.07
1880	1	4	11	8	3	$\overline{7}$	9	4	7	5	15	4	78	1.69
1881	11	2	3	9	5	14	19	19	14	20	14	15	145	2.98
1882	13	12	20	9	4	5	4	9	5	11	19	18	129	2.45
1883	19	8	15	30	44	14	4	6	13	19	17	4	193	3.38
1884	10	8	9	7	10		1	6	9	9	6	13	88	1.49
1885	9	7	19	14	17	7	4	6	6	6	7	8	110	1.93
1886	6	5	4	1	2	6	3	4	4	7	2	9	53	0.94
1887	5	12	13	6	20	7	14	4	6	12	10	4	113	2.07
1888	6	3	9	5	2		11	5	• • •	4	6	16	67	1.22
1889	16	10	19	18	18	5	5	5	3	5	9	6	119	2.12
1890	6	3	14	13	35	18	- 20	7	9	5	3	8	141	2.29
1891	7	6	3	4	10	23	12	9	4	11	8	13	110	1.74
1892	6	4	4	5	7	1	7	7	2	3	4	10	60	1.03
1893	25	21	55	49	29	18	7	1	12	8	6	9	240	3.80
1894	9	:3	4	3	9	5	1	4	3	1	2	8	52	0.81
1895	3	8	4	4	7	3	3	3	3	l	3	2	44	0.68
1896	5	3	$\frac{2}{2}$	6	5	16	14	10	4	D	10	D D	76	1.19
1897	4	3	3	4	5	6	9	3	3	6	10	31	87	1.18
1898	21	7	12	6	6	8	3	6	3	2	6	2	82	1.12
	÷						-					(
Monthly Totals.	318	234	351	305	347	247	232	190	217	255	291	308	*3,295	2.71

TABLE V.—Showing NUMBER of DEATHS from NOTIFIABLE INFECTIOUS DISEASES in each Month of the 35 Years—1864-1898.

* 10.4 per cent, of Total Deaths.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Yearly Totals,
1864									(
1865	2	4	2	•••	3	2	1						14
1866		1		}	···· [1			3	2	1		8
1867				•••• }	••••				1	•••	1	1	3
1868	1	1		1					1	4	6	1	16
1869		1 (1	··· ·	1	4	1	3.		1			13
1870			•••		•••	•••	•••						1
1871	•••			•••	•••	5	+	3	4	6	3	0	01 9
1872	• • •			···· ;	}				• • • •		1	1	10
1873				1 1	3	3	1	3		1	2	Ð	19
1874	2	1	- 2 -				•••	1	•••			•••	- 1
1875	····	Ē,	\mathcal{X}_{i}	1	6	2		•••				•••	20
1876								•••	ك	1	1	••••	68
1877	1	8	8	9	21	9	$\frac{9}{7}$			 ດ			18
1878		••••	1.0		· · · · · · · · · · · · · · · · · · ·		1	9		1	10	- ر	50
1879	10	1	13	8	()	0	 C		•••	1	1	1	21
1001		••• 3	9 , 0 ,	0 1		2	0	2		2	1	2	42
1001	ວ 1	•••	<u>د</u>	1	ວ 1	0	9	9	0	_	6	9	24
1002	10	··· 0	5	···· Э.4	41	14	 ຈ	ت ،	1		ĩ	Ŭ	100
1000	10	1	1	24 1	41	1.4	1	1	i	1	4	8	24
1995	6	6	12	13	13		2	1	2	l Î		1	61
1886	0	0	10	10	10	-1	- -					·	
1887			19	3	16	6	5	1				1	53
1888	• • •	2	1	ĭ	10	Ŭ	้า				2	5	12
1889	10	7	16	16	17	1	2	3			۰		72
1890	$\frac{10}{2}$	· '	$\frac{10}{7}$. 9	29	16	14	3	1	1			82
1891	· 1		i	'ĭ	-8	20	10	6	1	2	3	- 3	56
1892	3	2	$\hat{2}$	$\hat{2}$	1		4	2	1	1	0 2	5	24
1893	17	18	: 51	44	25	16	3		2	,		1	177
1894	i			2	4	1			÷	·		3	11
1895		3	3	2	4	2						1	15
1896			1	5	5	14	13	- 6	1	4	1	4	53
1897	1	2	1	2	1	5	6			2	5	26	51
1898	18	2	4	5	6	4	2	1			2		44
										1			
Monthly Totals.	100	78	163	160	221	142	99	50	23	33	44	87	*1200

TABLE VI.—Showing DEATHS from MEASLES in each MONTH of the 35 years -1864-1898.

* 3.79 per cent. of Total Deaths.

Year.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	.Sept.	Oet.	Nov.	Dec.	Yearly Totals
1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1877 1878 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898	$ \begin{array}{c} \operatorname{ref} & 2 \\ & \ddots \\ & \ddots \\ & 1 \\ & \ddots \\ & 3 \\ & 1 \\ & 6 \\ & 2 \\ & 9 \\ & 1 \\ & 6 \\ & 2 \\ & 9 \\ & 1 \\ & 6 \\ & 2 \\ & 9 \\ & 1 \\ & 6 \\ & 2 \\ & 9 \\ & 1 \\ & 6 \\ & 2 \\ & 9 \\ & 1 \\ & 6 \\ & 2 \\ & 9 \\ & 1 \\ & 6 \\ & 2 \\ & 3 \\ & 1 \\ & 2 \\ & 3 \\ & 1 \\ & 2 \\ & 2 \\ & 3 \\ & 1 \\ & 2 \\ & 2 \\ & 3 \\ & 1 \\ & 2 \\ & 2 \\ & 3 \\ & 1 \\ & 2 \\ & 2 \\ & 2 \\ & 1 \\ & 2 \\ & 2 \\ & 1 \\ & 2 \\ & 2 \\ & 1 \\ & 2 \\ & 2 \\ & 2 \\ & 1 \\ & 2 \\ & 2 \\ & 2 \\ & 1 \\ & 2 \\ & 2 \\ & 2 \\ & 2 \\ & 1 \\ & 2$	e 2 2 2 2 2 2 2 2 2 2 2 2 2	^e W 1 1 1 2 1 5 1 3 3 3 1 8 3 3 3 3 1 4 4 2 1 4 1 4 1 3	$\begin{array}{c} 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 3 \\ 2 \\ 5 \\ 8 \\ 2 \\ 5 \\ 8 \\ 2 \\ 5 \\ 8 \\ 2 \\ 1 \\ 3 \\ 6 \\ 3 \\ 1 \\ 2 \\ 3 \\ 1 \\ 2 \\ 2$	W 1 1 1 1 1 1 1 1 1 1	ar 2 2 1 1 3 1 3 1	$ {}^{n}\mathbf{f} \\ \cdots \\ $	$ \begin{array}{c} {}^{\mathrm{n}} \mathrm{W} \\ \cdots \\ 1 \\ \cdots \\ 1 \\ 1 \\ 2 \\ 1 \\ 4 \\ 2 \\ 4 \\ 1 \\ \cdots \\ 8 \\ 2 \\ 2 \\ 3 \\ 2 \\ 1 \\ 1 \\ 1 \\ \cdots \\ \cdots \\ 1 \\ 2 \\ \cdots \\ 2 \\ \cdots \\ 1 \\ 2 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 2$	$\begin{bmatrix} 0_{N} \\ \cdots \\ \cdots \\ 2 \\ \vdots \\ 2 \\ 5 \\ 33 \\ 3 \\ 7 \\ \cdots \\ 2 \\ 5 \\ 33 \\ 3 \\ 7 \\ \cdots \\ 3 \\ 6 \\ 2 \\ 6 \\ \cdots \\ 2 \\ 1 \\ 3 \\ \cdots \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ \cdots \\ 1 \\ $	$ \overset{\circ}{\circ} \qquad \begin{array}{c} \cdots \\ 1 \\ 3 \\ 1 \\ 1 \\ 3 \\ 2 \\ \cdots \\ 2 \\ 3 \\ 1 \\ 1 \\ 5 \\ \cdots \\ 2 \\ 2 \\ 3 \\ 1 \\ 1 \\ 1 \\ 8 \\ 1 \\ \cdots \\ 2 \\ 1 \\ \cdots \\ 2 \\ 1 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \end{array} $		$ \overset{\circ \mathbf{G}}{\underset{1}{1}} \overset{\circ \mathbf{G}}{\underset{2}{2}} \overset{\circ \mathbf{G}}{\underset{1}{1}} \overset{\circ \mathbf{G}}{\underset{1}{2}} \overset{\circ \mathbf{G}}{\underset{1}{2}} \overset{\circ \mathbf{G}}{\underset{1}{1}} \overset{\circ \mathbf{G}}{\underset{1}{2}} \overset{\circ }{\underset{1}{2}} \overset{\circ }{\underset{1}{2}}$	$\begin{array}{c} \text{Totals} \\ 6 \\ 5 \\ 11 \\ 11 \\ 7 \\ 14 \\ 19 \\ 8 \\ 35 \\ 30 \\ 145 \\ 63 \\ 46 \\ 18 \\ 10 \\ 8 \\ 29 \\ 27 \\ 14 \\ 51 \\ 22 \\ 19 \\ 22 \\ 24 \\ 15 \\ 6 \\ 11 \\ 4 \\ 3 \\ 10 \\ 6 \\ 6 \\ 6 \\ 9 \\ \end{array}$
Monthly Totals,	63	50	55	51	42	30	39	-40	81	87	104	84	*726

TABLE VII.—Showing DEATHS from SCARLET FEVER in each Month of the 35 Years—1864-1898.

* 2.29 per cent. of Total Deaths.

.

27

TABLE	V111Sho	wing NUMBER of	DEATHS from
Fever	RS-TYPHUS,	ENTERIC, and	Continued-
in eac	ch Month of	the 35 Years	1864-1898.

Year.	Jan.	Feb.	Mar.	$\Delta {\rm pril.}$	May.	June.	July.	Ang.	Sept.	Oct.	Nov.	Dec.	'early Fotals
$\begin{array}{c} 1864\\ 1865\\ 1866\\ 1867\\ 1868\\ 1869\\ 1870\\ 1872\\ 1873\\ 1872\\ 1873\\ 1874\\ 1875\\ 1876\\ 1877\\ 1878\\ 1877\\ 1878\\ 1877\\ 1878\\ 1877\\ 1878\\ 1887\\ 1888\\ 1887\\ 1883\\ 1884\\ 1885\\ 1887\\ 1888\\ 1889\\ 1890\\ 1891\\ 1892\\ 1893\\ 1894\\ 1895\\ 1896\\ 1897\\ 1898\end{array}$	$\begin{array}{c} 3 \\ 4 \\ 1 \\ 2 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 3 \\ 2 \\ \cdots \\ 3 \\ 5 \\ 1 \\ \cdots \\ 3 \\ 5 \\ 1 \\ \cdots \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 1 \\ 1$	$ \begin{array}{c} 1 \\ 3 \\ 2 \\ 3 \\ \dots \\ 1 \\ 2 \\ 1 \\ 3 \\ \dots \\ 1 \\ 2 \\ 4 \\ \dots \\ 1 \\ 1 \\ \dots \\ 1 \\ \dots \\ 1 \\ \dots \\ 1 \\ \dots \\ 2 \\ 2 \\ \dots \\ 1 \\ \dots \\ 2 \\ 2 \\ \dots \\ 2 \\ 1 \\ 1 \\ \dots \\ 2 \\ 2 \\ \dots \\ 2 \\ \dots \\ 2 \\ 2 \\ \dots \\ 2 $	$ \begin{array}{c} 1 \\ 4 \\ 2 \\ 1 \\ 3 \\ 1 \\ 3 \\ 6 \\ 2 \\ 2 \\ 1 \\ 1 \\ 3 \\ 4 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2$	$\begin{array}{c} \cdots \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 2 \\ 3 \\ 3 \\ 1 \\ 3 \\ 5 \\ 1 \\ 2 \\ 2 \\ 2 \\ 1 \\ 5 \\ 4 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \cdots \\ \cdots$	$ \begin{array}{c} 1 \\ 4 \\ \cdots \\ 1 \\ 2 \\ 2 \\ 1 \\ \cdots \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 2 \\ 1 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2$	$\begin{array}{c} \cdots & 4 \\ 1 \\ \cdots & 1 \\ \cdots & 2 \\ \cdots & 2 \\ \cdots & 1 \\ 3 \\ 3 \\ 1 \\ 2 \\ 1 \\ 4 \\ \cdots & 2 \\ \cdots & 2 \\ \cdots & 2 \\ \cdots & 1 \\ 1 \\ 1 \\ 1 \\ \cdots \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \end{array}$	$ \begin{array}{c} 1\\1\\1\\$	$\begin{array}{c} 2 \\ \cdots \\ 1 \\ 1 \\ 2 \\ 2 \\ \cdots \\ 1 \\ 2 \\ \cdots \\ 2 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \cdots \\ 1 \\ \cdots \\ 2 \\ \end{array}$	$ \begin{array}{c} 1\\1\\2\\2\\2\\1\\1\\1\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\$	$\begin{array}{c} 2 \\ \cdots \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 3 \\ 2 \\ 1 \\ 1 \\ 2 \\ 7 \\ 1 \\ 2 \\ 2 \\ 3 \\ 1 \\ 2 \\ 1 \\ 1 \\ 3 \\ 3 \\ \cdots \\ \cdots \\ 1 \\ 1 \\ \end{array}$	$\begin{array}{c} 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 5 \\ \\ 3 \\ 4 \\ \\ 3 \\ 1 \\ 1 \\ \\ 2 \\ 6 \\ 2 \\ 1 \\ 1 \\ 1 \\ 2 \\ 6 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ \\ 2 \\ \\ \\ 3 \\ 2 \end{array}$	$\begin{array}{c} 3 \\ & \ddots \\ 1 \\ 2 \\ 1 \\ 2 \\ 3 \\ 3 \\ 1 \\ \cdots \\ 1 \\ 1 \\ 2 \\ 1 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 1$	$\begin{array}{c} 18\\ 23\\ 13\\ 10\\ 12\\ 23\\ 13\\ 10\\ 12\\ 23\\ 13\\ 10\\ 12\\ 20\\ 19\\ 15\\ 11\\ 11\\ 37\\ 43\\ 15\\ 14\\ 11\\ 6\\ 12\\ 7\\ 8\\ 13\\ 10\\ 6\\ 7\\ 3\\ \cdots\\ 1\\ 13\\ 11\\ \end{array}$
Monthly Totals,	43	44	55	41	36	34	39	28	42	47	50	39	498
2	Note.—Total Deaths from Fevers for 35 Years, 498;												
	Er	teri	.	353	$\frac{con}{-1 \cdot 1}$	l pe	ng oi er <u>ce</u> i	nt. of	f Tot	al D	eath	s.	•
	Ty	phus	3,	115	= 0.3	6	""		•	•••			
	Co	ntin	ued,	30	= 0.1	0		•	•				
				498	= 1.5	7							
Diphtheria (Membranous Croup).-The deaths registered from this affection were 625 (1.97 per cent.). Diphtheria is a disease which affects all countries, all seasons, and all ages, but occurs most frequently in young children, especially between the ages of three and six years. There appears to be a marked susceptibility to this disease in the case of certain families and individuals. It attacks those who appear to be in the best of health, whilst the weakly often escape; the wealthy and clean, as well as the poor and uncared for. Being a highly infectious and contagious disease, when once introduced into a household, especially in a slight and perhaps unrecognised form, it not infrequently carries off every child in the family. The contagion is given off by the breath, and in the secretions and discharges from the mouth and throat, and although not carried far through the air, clings with great tenacity to clothing and other articles. In this way the infection may be conveyed through the medium of sewer-gas, thus gaining access to the respired air, and contaminating milk and water exposed to the gaseous emanations, especially so in case of drinking-water stored in cisterns, and milk which is kept in pantries exposed to sewer-air.

Besides being air-borne, it frequently arises by direct contact, through the virus being coughed into the face of the attendant, by means of the saliva and discharges from the throat containing the diphtheritic poison. In this way the nurse often contracts it from her charge, the mother from her offspring, and the doctor from his patient. In some cases, otherwise unaccountable outbreaks of Diphtheria have been associated with certain insanitary conditions, such as dampness of the soil or dwelling, and the effluvia from decomposing organic matter, conditions which are probably conducive to the growth and development of the poison, as when these were remedied the epidemic ceased. There is also no doubt but that the question of school attendance is an important factor in the spread of the disease, as a child suffering from a mild attack may be permitted to attend school, at the same time propagating the disease in a virulent form.

In many returns of other towns, the Zymotic death-rate deals with the mortality from the seven principal Zymotic diseases, and for the sake of comparison, both with these and with the returns of the Registrar General, the following table (No. IN.), has been compiled, dealing with the deaths in the Burgh for the period of 35 years, from these diseases, viz. :---

- 1. Small Pox.
- 2. Measles.
- 3. Scarlet Fever.
- 4. Diphtheria and Membranous Croup.
- 5. Fevers.
- 6. Whooping Cough.
- 7. Diarrhœa and Dysentery

(See Tables IX. and X.)

2.—DIARRHOLAL DISEASES.

These account for 807 deaths (2.55 per cent.), consisting of 772 from Diarrhœa and 35 from Dysentery. Although a symptom of many diseases, Diarrhœa in the sense in which it is here considered, implies those cases having their origin in tainted food and impure air and water, from contamination with the bacterial agents of putrefaction, which, as is well-known, is more rapid and intense under the influence of a high temperature.

The rate of mortality rises and falls with the temperature of the earth, attaining its maximum when the subsoil temperature approaches that of 56° Fahr. four feet below the surface. The soils conducive to a high mortality from Diarrhœa are those in which the particles are pervious to air and water (such as sand and gravel), and containing organic matter from privies, cesspools, and drains.

Table XI. shows the annual number of deaths from Diarrheal diseases, and rate per 1000 of the population.

TABLE IX.-ANNUAL DEATH RATES and NUMBER of DEATHS from Principal Zymotic Diseases.

Year.	Population.	Small Pox.	Measles.	Scarlet.	Diphtheria, &c.	Fovers.	Whooping Cough.	Diarrhœa, &c.	Total Zymotic Deaths.	Rate per 1000 of the Population.
1261	0.000	13	1	6	14	18	3	7	61	7.44
1865	10,000	10	14	5	10	23	. 9	6	67	6.70
1866	. 10.000	• • •	8	11	4	13	8	6	50	5.00
1867	10,000		3	11	3	13	- 29	12	71	7.19
1868	11,000		16	$\overline{7}$	8	10	9	11	61	5.54
1869	13,000	1	13	14	9	12	12	8	69	5.30
1870	14.000	2	1	19	9	23	14	11	79	5.64
1871	19,000	8	31	8	17	13	7	11	95	5.00
1872	23,000	2	3	35	18	18	17	18	111	4.82
1873	29,000	9	19	30	13	19	18	30	138	4.74
1874	33,000	11	7	145	20	21	28	20	252	7.63
1875	36,000		23	63	9	22	25	38	178	0.00
1876	40,000		4	46	11	. 20	18	37	136	5.40
1877	43,000	1	68	18	24	19	33	18	100	4.15
1878	45,000	• • • • •	18	10	20	15	89	30 10	102	3.55
1879	43,000	•••	50	. 8	15	11	59	10	100	3.01
1880	46,000		21	29	11	11	10	00 1.C	180	3.64
1881	50,000		42	27	33	37	27	10	100	1.38
1882	55,000	····	24	14	32	40 15	01	41 95	209	4.96
1883	59,000	1	100	01 00	10	10	00 50	20	167	2.83
1884	59,000	• • •	24	22	10	14		96	180	3.28
1880	55,000	• • • • •	01	19	10	6	949 80	20 99	158	2.89
1886	54,000		53	22 94	20	19	79	24	210	3.92
1007	55,000		10 10	24 15	20		22	11	102	1.85
1000	57,000	•••		10		8	38	19	168	3.00
1800	62,000		89	11	20	13	70	19	225	3.64
1801	63,000	• • •	56	1	33	10	66	2.9	198	3.14
1899	63,000	•••	24	3	2.4	6	30	17	103	1.65
1893	63,000		177	10	36	7	· 69	38	335	5.34
1894	64,000		11	6	24	3	48	8	100	1.56
1895	65,000		15	ě	18		38	22	97	1.52
1896	67.000	• • •	53	ő	12	1	63	24	159	2.37
1897	69,000		51	ě	15	13	80	33	198	2.86
1898	73.000	•••	44	9	11	11	67	85	227	3.10
					**					0
Total	Deaths.	48	1200	726	625	498	1523	807	5428	Annual Average. 4.14
Percenta	age to Total eaths.	0.15	3.79	2.29	1.97	1.57	4.81	2.55	17.15	Annum of the Population.

-

.

*

YEAR.	1890 (1	from1st	March).		1891.			1892.			1893.			1894.			1895.		1	1896.			1897.			1898.		Totals 1	'OR 9 3	ZEARS.
DISEASE.	Notifications.	Deaths.	Pcrcentage.	Notifications.	Deaths.	Percentage.	Notifications.	Deaths.	Percentage.	Notifications.	Deaths.	Percentage.	Notifications.	Deaths.	Percentage of Deaths to Notifications.															
																						,		1	anter de					
Small Pox				•••		•••	•••			13	1	7.6	12	1	8.3	9	•••			••••	•••	•••		•••	•••	•••	• • •	34	2	5.88
Measles	260	20	7.6	987	63	6.3	273	29	10.6	2680	189	7.0	403	12	2.9	678	17	2.5	1321	62	4.6	1267	54	4.2	738	54	7.3	8607	500	5.81
Scarlet Fever	268	14	5.2	204	13	6.3	288	7	2.4	333	1.9	5.7	410	20	4.8	342	18	$5 \cdot 2$	327	- 15	4.5	318	17	5.3	494	24	4.8	2984	147	4.93
Diphtheria	52	15	28.8	75	26	34.2	58	23	39.6	60	20	33.3	69	20	28.9	76	21	27.6	36	8	$22 \cdot 2$	40	12	30.0	55	15	$27 \cdot 2$	521	160	30.71
Membranous Croup	15	10	66.2	18	14	77.7	9	3	33.3	43	22	51.1	22	12	54.5	9	4	44.4	10	7	70.0	12	6	50.0	8	3	37.5	146	81	55.48
Erysipelas	87	3	3.4	149	3	$2 \cdot 0$	143	5	3.4	138	8	5.7	153	9	5.8	99	2	2.0	101	2	1.9	85	2	2.3	114	õ	4.3	1069	39	3.64
Puerperal Fever -	7	2	28.5	9	4	44•4	7	2	28.5	8	4	50.0	3	3	100.0	. 5	2	40.0	7	4	57.1	4	3	75.0	6	3	50·0	56	27	48.21
Typhus Fever -	7	2	28.5	37	5	13.5	3			14 .	1	7.1	2	•••		.14	5	35.7	8	. 3	37.5	6	2	33.3	68	19	27.9	159	37	23.27
Enteric Fever -	277	29	10.4	150	22	14.6	17,1	19	11.1	52	13	25.0	43	6	13.9	37	8	21.6	59	6	10.1	91	23	$25 \cdot 2$	127	22	17.3	1007	148	14.69
Continued Fever -	24	1	4.1	7	••• ;		4			2		••••	1			1.			11	1	9.0	1		•••	• • •	•••		51	2	3.92
Relapsing Fever -				••••	•••	•••			•••	1	·1	100.0				· · · ·					•••			•••		• • •	•••	1	1	100.0
Cholera	1		•••		••• ,	••• /			••••													•••		• • •	• • •	• • •		1	•••	0.0
British Cholera -	•••			•••	••••	••••	*		•••				†									• • •							••••	
Choleraic Diarrhœa	•••		••••	• • •	•••	•••	*	•••				••••	† 3									• • •		•••	••••	• • •		3	• • •	0.0
Chicken Pox		••••		••••	•••	•••										•••		••••			•••	‡1·	••••	•••	· · · ·	···· ,		1	•••	0.0
Totals	998	96	9.61	1636	150	9.16	956	88	9.20	3344	278	8.31	1121	83	7.40	1270	77	6.06	1880	108	5.74	1825	119	6.52	1610	145	9.00	14,640	1144	7.81

TABLE N.-Showing ANNUAL NUMBER of NOTIFICATIONS RECEIVED by the MEDICAL OFFICER of HEALTH, under the "INFECTIOUS DISEASE (NOTIFICATION) ACT, 1889," since its adoption in the Burgh, from March, 1890. Also, PERCENTAGE of DEATHS (INCLUDING DEATHS in HOSPITAL) to CASES NOTIFIED.

* From 24th Sept. to 24th Dec.

.

† From 25th Aug. to 25th Nov.

.

‡ Not Notifiable.

Year.	Number of Deaths.	Rate per 1000.
1864	6	.77
1865	6	.60
1866	, 6	·60
1867	12	1.20
1868	11	1.00
1869	7	•61
1870	10	.78
1871	10	.57
1872	17	.78
1873	30	1.03
1874	20	60
1875	36	1.05
1876	37	.92
1877	17	•41
1878	30	•77
1879	10	.23
1880	32	.71
1881	14	.32
1882	39	•74
1883	22	.4.2
1884	37	.62
1885	25	•47
1886	21	.40
1887	22	•44
1888	11	-20
1889	16	.33
1890	18	·30
1891	29	.16
1892	16	•27
1893	36	-60
1894	8	•1.9
1895	20	•33
1896	2.4	.35
1897	33	+47
1898	84	1.15
	*807	.59

TABLE XI.—Showing RATE per 1000 of the POPULATION and ANNUAL NUMBER of DEATHS from DIARRHEA and DYSENTERY.

* 2.55 per cent. of Total Deaths.

II.—PARASITIC DISEASES.

The six deaths registered were due to Thrush, a disease caused by a vegetable growth, known as the Oïdium Albicans, which produces in fatal cases severe gastro-intestinal irritation, and death from exhaustion.

III.—DIETETIC DISEASES.

These caused 77 deaths (2 per cent.), 15 from Starvation and want of breast milk, 2 from Scurvy, and 60 directly due to Alcoholism.

IV.---CONSTITUTIONAL DISEASES.

From this group there were registered 5626 deaths, or 17.7 per cent., of which 4990 were due to Consumption and other forms of Tubercular affections, which is equal to a rate of 15.7 per cent., or more than one-seventh of the total deaths; 461 were attributable to Cancer (1.4 per cent.), 69 to Gout, Rheumatism, &c. (.2 per cent.), and other Constitutional diseases 106 (.3 per cent.)

Deaths from Tubercular Diseases.-As already mentioned, this class alone accounts for from one-seventh to oneeighth of the total deaths registered yearly in Great Britain and Ireland. The most important of this group is Phthisis, or Tuberculosis of the lungs, but it also includes all other forms of Tubercular or wasting diseases occurring in other parts of the body, and it is in this sense in which we shall now consider them. That Tubercular disease in its various aspects is due to a specific germ or virus, is now acknowledged by most authorities, consequent upon the discovery of the Tubercle Bacillus by Professor Koch, in 1882. Like the germs of other Zymotic diseases it fulfils all the conditions applicable to specific micro-organisms, in reproducing the disease in question. That it is also a discase of the lower animals and communicable from them to man, through the milk and flesh of diseased animals, and from one person to another, there is now no doubt whatever. One of the chief factors in its prevalent nature, is due to the expectoration (in which the virus is contained), from persons affected with the disease becoming dried up, carried through the air, and being inhaled by a healthy person, who, if their vitality be lowered in any way, or through some constitutional idiosyncracy or predisposition, becomes a fresh centre of infection, in whom the virus will soon work its deadly effects.

It is to be hoped that before long Tuberculosis and especially Phthisis will be included in the list of infectious diseases, so that all precautions may be taken to prevent its spreading, as has already been the case with the eruptive fevers, and with which it is strictly analogous.

The tubercular virus only grows and multiplies in the bodies of man and living animals, producing as a result of their vital activity, an intensely active poison, which is the more direct agent in bringing about the morbid changes in living structures. Although introduced into the body, it does not remain there, but is thrown off in discharges, *e.g.*, in the sputum, which when it is inhaled in the form of dust by a susceptible person, again reproduces itself.

The virus may retain its power of infection outside the living body for a considerable time, but it has been found by competent observers that the free access of fresh air and sunlight combined, eventually destroy the Bacillus, and this is one of many reasons why the building of back-to-back houses should be condemned as it is under such conditions of living that Tubercular diseases are most rife. It has been shown by Savitky, that phthisical expectoration exposed "at the ordinary room temperature, and generally under all common life conditions," retains its infectiousness not longer than two-and-a-half months.

In the proceedings of the Royal Society, Dr. Ransome, by experimental observation, has shown that fresh air and light, and a dry sandy soil, have a distinct influence in arresting the virulence of the Tubercle Bacillus—that darkness somewhat interferes with this disinfectant action, but that the mere exposure to light in otherwise bad sanitary conditions, does not destroy the virus.

In attempting to show that Tuberculosis, like the Zymotic group, is undoubtedly infectious, it may be well to enunciate the well-accepted fact, that all these diseases depend upon a specific, particulate, and living virus; particulate, because it can be filtered out of the blood; living, because it has the power of indefinite self-multiplication within the blood; and specific, because it always reproduces the same disease. Again, like other Zymotics, it is most prevalent under such conditions as dirt, filth, damp, overcrowding, and impure air.

In dealing with the returns of deaths from Tubercular diseases, it must be borne in mind that the figures cannot be depended upon as giving the accurate number of persons dying from these, as in many cases the cause of death is ascribed to some complication such as homorrhage, or the supervention of another disease, and also from the tendency to conceal the real cause from the friends and relatives of the deccased, so that the numbers given are rather less than what is actually the case. From the records of post-mortem examinations at various Children's Hospitals, it has been found that one-third of the total deaths under 10 years of age are due to some form of Tuberculosis. The chief predisposing causes to these diseases, are the usual conditions associated with bad sanitary environments, e.g., impure air from insufficient ventilation and defective lighting, contamination of the air of dwelling-houses and factories, and from the dust and vapours of certain trades, scanty and improper dietaries, filthy surroundings, bee-hive like dwellings, and dampness of the soil and house are leading factors in their causation.

As regards the communication of Tuberculosis from the lower animals to man, and that the two diseases are identical, no one now disputes. In Public Health, for September, 1891, M. Chaveau has demonstrated this identity, and has shown that human Tuberculosis could be imparted to other animals and that the same condition was produced where Bovine Tuberculosis was inoculated. Again, Professor M'Fadyean, the eminent Veterinary Surgeon, has proved by direct observation and experiment that the Tubercle Bacilli come from the milk-glands of cows, and as this is the staple article of diet of infants and young children, we are necessarily not surprised at the great number of wasting diseases amongst such, in the absence of any hereditary or other known cause, and this gives us a forcible argument for condemning the carcases of all animals affected with Tuberculosis. According to Aveling, one in six carcases of beef are tuberculous, and about 5 per cent. of the latter are generally condemned.

According to the report of the Departmental Committee of the Privy Council, it was held that "the disease may affect the flesh, and that the ordinary methods of cooking are often insufficient to destroy the Bacilli buried in the interior of the limbs," and that "although the Bacilli may be found but rarely in the flesh, still, the chance of their being present, either there or in the blood, is too probable to even allow the flesh of a tubercular animal being used for food under any circumstances, either for man or the lower animals."

At the International Congress on Tuberculosis, held in Paris a few years ago, which consisted of eighty members, all but three were of the unanimous opinion, and a motion to this effect was accordingly carried, that in view of the fact of the identity of the virus in human and bovine Tuberculosis, and the possibility, nay, the high probability, of the disease being communicated through tainted meat and milk, that the total destruction of all tubercular animals was absolutely necessary, no matter to what extent the specific lesions in these animals existed.

In the Parliamentary Report upon Pleuro-Pneumonia and Tuberculosis, the order of liability to Tuberculosis amongst the lower animals was: milch cows, fowls, rodents, pigs, goats, sheep, and horses.

Professor M'Fadyean, at the meeting of the Sanitary Association of Scotland, in 1891, stated that at his post-mortem examinations of milk cows, he found 23 per cent. to be suffering from Tubercular disease. The relationship between dampness of the soil, and the production of Phthisis, as cause and effect, has been conclusively proved by the investigations of Dr. Buchanan, who in his report "On the distribution of Phthisis as affected by dampness of soil," has shown that where drying of the subsoil had been carried out by the construction of drains and sewers, the mortality had decreased from about 50 per cent. downwards.

			ALL CAUSES. Rate per 1,000 Living.	Zymotic Deatus. Rate per 100 Deaths.	TUBERCULAR DISEASES. Rate per 100 Deaths.
Scotland	-	-	19.28	13.16	14.48
Selkirk -	_	- ,	15.90	13.13	18.36
Orkney -	-	-	14.45	5.74	11.78
Shetland -	-	-	16.47	6.11	12.91
Caithness		-	16.51	8.21	11.00
Peebles -	-	-	14.14	9.54	13.23
Berwick -	-	-	15.10	9.57	11.11
Ross and Crou	arty	-	15.35	10.51	9.88
Inverness	-	-	16.64	9.54	9.47
Kincardine	-	-	15.04	10.46	11.24
Sutherland	-	-	15.87	7.50	12.11
Argyle -	-	-	16.88	7.67	12.54
Elgin -	-	-	17.04	9.57	12.94
Kinross -	-	_	17.00	6.31	10.20
Banff -	_	_	16.41	11.36	11.26
Clackmannan	_	-	17.60	13.78	15.84
Haddington	_	_	15.82	9.40	12.06
Roxburgh	_	-	17.45	10.84	13.71
Wigtown	_	_	17.87	7.47	15.17
Fife -		_	17.37	10.84	12.76
Naino -	_	-	16.51	8.10	9.51
Kinkoudhnich	t		17.57	7.80	16.51
Abordoon	-		16.68	12.44	12.37
Liplithrow			18.94	16.17	13.30
Dumfuios			19.08	10.07	14.74
Dummes			17.33	8.46	12.23
rerun -			17.98	13.33	14.11
Suring -			20.38	10.73	15.64
Bute -			17.93	14.66	14.94
Dumbarton	-		19.05	13.10	16.23
Ayr -	-	Ī	19.34	12.01	14.64
Foriar -	-	- T	19.25	13.31	14.63
Edinburgh	-	-	21.74	16.40	15.47
Rentrew -	-	-	99.11	16.84	16.01
Lanark -	-	-	++ ندند	1001	

TABLE XII.—Showing the Average Mortality and Death Rates in the Counties of Scotland for the Septennial PERIOD, 1882-88.

[From Mr. Fyfe's article in Sanitary Journal, January, 1892.]

From the foregoing table it will be observed that for all Scotland, 14.48 per cent., or rather more than one-seventh of the total deaths were due to Tuberculosis.

The same ratio, practically, will be found to exist by comparing the figures for any year, or series of years, as well as for any part of the country, as for the whole. To give another instance of their prevalent character, we may cite the figures of the eight principal towns of Scotland for 1898. During that year there were registered in Glasgow, Edinburgh, Dundee, Aberdeen, Leith, Paisley, Greenock, and Perth, 32,153 deaths, of which 4349 were due to Tubercular affections, consisting of

Phthisis (Consumption of the Lungs)	2985
Tubercular Meningitis (Consumption of the Brain)	607
Tabes Mesenterica (Consumption of the Bowels)	432
Other Tubercular Diseases	325
Total	4349

or a rate of 13.52 per cent. of the total deaths.

Since the beginning of the Registration Act in 1855, whilst the annual death rate and the deaths from the principal Zymotic diseases have shown a marked decrease, those from Tuberculosis have remained almost at the same level.

This question has been very ably worked out by Mr. Fyfe, Chief Sanitary Inspector for Glasgow, in an article which appeared in the *Sanitary Journal*, for January, 1892. In this paper, the total deaths for all Scotland during the first septennial period of 1855-61 are compared with those of 1882-88, showing a difference in favour of the latter, of 14.43 per 10,000 of the population, which is equivalent to a saving of 5561 lives in each year, or a total of 38,927 during the period of seven years.

For the same years there is a difference of 8.12 per cent. in the deaths from Zymotic diseases, whilst the rate for Tubercular affections show a decrease of only 1.66 per cent!

Figures such as these conclusively prove that the measures adopted by the Sanitary authorities in coping with diseases of the Zymotic group, have been almost entirely overlooked, or lost sight of, so far as regards the prevention of Tubercular disease, and until Phthisis is included under the "Infectious Discase (Notification) Act," and regarded in the same light as the other Zymotic diseases, no diminution can be looked for in the deathrate from these affections. As regards the isolation and treatment of such cases, Sanatoria, instead of the ordinary fever hospitals, would require to be maintained at the expense of the State, as the question of prevention and mitigation of these diseases is essentially a national one, and demands as much attention by the Government as that which is given to any other department of the State.

Before concluding this part of our inquiry, it may be well to mention those measures which are now known to be unfavourable to the propagation of Consumption, and for this purpose, those which have been drawn up by Dr. J. B. Russell (late Medical Officer of Health, Glasgow, now of the Local Government Board, Edinburgh), and adopted by the Health Committee of Glasgow, may be given as expressing in a popular way all the chief facts associated with the origin and spread of the diseasc in question.

THE

PREVENTION OF CONSUMPTION.

The Committee on Health of Glasgow hope that all citizens will read this Paper carefully, and observe the instructions which it contains, and any others given by the Medical Attendant having the same end in view.

Consumption is an acquired, not a hereditary, disease.

What a child may inherit is not the seed, but the "good ground" in which the seed will grow readily.

This is known as a "hereditary predisposition to Consumption." Special care ought to be taken to protect persons possessing it from any chance of catching the disease.

Colds, sore throats, infectious diseases (especially Measles, Whooping-cough, Scarlet and Enteric Fevers), intemperance, overcrowding, darkness, dampness, stale air—in short, whatever lowers health produces a predisposition to Consumption altogether apart from pedigree.

Consumption of the Lungs is only one of many forms of disease caused by a minute living creature (germ or microbe)—the bacillus of tubercle. Every case of Consumption has received this bacillus, either from man or beast (milk, flesh), and may pass it on to man or beast.

Good health, local and general, is like a coat of mail against the attacks of the bacillus of tubercle.

Every person suffering from Consumption suffers from a disease which may be communicated to other persons. This takes place through the spit, which contains bacilli.

So long as the spit is moist it can do no harm unless under such circumstances as are dealt with in Rules 6 and 7.

The spit is gravely dangerous only when allowed to dry, become dust, and so infect the air we breathe. The surest way to form infectious dust is to spit in a handkerchief and put it in the pocket or beneath the pillow, or to spit upon the floor.

The same result follows if spit is smeared over bed-clothes, night-dresses, &c., or in the case of men, over moustache or beard.

Practically, then, a case of Consumption may be made perfectly harmless by preventing the spit from becoming dust.

1. Indoors.—The greatest care is necessary. Dust in closed places is the dust which infects. Use a spittoon containing a little water (not sand or sawdust), or spit into a rag or piece of paper, to be burned at once or thrown into the W.C.

2. Out-of-doors.—Dust is not so readily formed in our damp climate, and it is disinfected by sunshine and fresh air. It is therefore better to spit on the ground than into a handkerchief or into anything which is to be put into one's pocket except a special spit-bottle, such as may be had for a small sum. Failing this, spit over a street gulley or into the gutter, never on the pavement, and never in a tram-car, 'bus, cab, or railway carriage. Never swallow the spit, it may infect the bowels.

3. If a handkerchief or other article is soiled with tuberculous spit, keep it wet until it can be boiled and washed.

4. Empty the contents of spittoon down the W.C., and clean the spittoon with boiling water. A little carbolic acid will keep the flies away; these carry off infective matter.

5. In cleaning rooms occupied by consumptives, capture the dust with damp dusters, and tea leaves or damp sawdust used in sweeping. Do not chase it about or stir it up. Boil the dusters; burn the sawdust and tea leaves.

6. No spoon, cup, or other article which has been applied to the mouth of a consumptive ought to be used by a healthy person until it has been carefully washed. The remains of food left by a consumptive ought not to be used by the healthy.

7. No consumptive ought to kiss or be kissed, except on the cheek or brow.

8. No consumptive mother should give suck.

9. Consumptive persons ought to have a bed to themselves.

10. Sunlight and fresh air are never-failing disinfectants. Use them freely.

N.B.—Consumption is not communicable by the breath or perspiration. If these precautions are attended to, there is no danger to the healthy in the ordinary intercourse of the family or society.

DISINFECTION.

It is necessary that washing and disinfection should be effectively carried out after every death from Consumption.

The services of the Sanitary Department are at the disposal of the ratepayers for this purpose. Immediate notice of such an event ought to be sent to the Medical Officers of Health.

During the currency of cases of tuberculous disease in which there is a discharge, the Medical Officers will give any assistance in the way of washing and disinfection which may seem expedient in the public interest.

Year.	Number of Deaths.	Percentage.
1864	65	21.7
1865	71	24.4
1866	58	23.6
1867	67	23.3
1868	68	25.4
1869	72	21.7
1870	72	19.6
1871	119	23.9
1872	84	14.1
1873	103	14.3
1874	114	11.1
1875	153	15.1
1876	158	16.0
1877	175	16.6
1878	179	17.2
1879	195	22.7
1880	202	19.3
1881	195	16.2
1882	202	16.7
1883	219	15.5
1884	228	19.6
1885	215	19.0
1886	190	17.6
1887	199	18.1
1888	148	16.7
1889	141	14.2
1800	137	11.2
1801	131	10.8
1809	129	11.9
1802	142	10.5
1090	162	16.3
1004	162	14.0
1099	144	12.7
1890	156	12.2
1697	135	11.4
1898	100	
Total Deaths.	4990	$= 15.7 \begin{array}{c} \text{per cent.} \\ \text{of Total} \\ \text{Deaths.} \end{array}$

TABLE XIII.—Showing ANNUAL NUMBER of DEATHS from TUBERCULAR DISEASES and PERCENTAGE to TOTAL DEATHS.

V.-DEVELOPMENTAL DISEASES.

These caused 2872 deaths (9.0 per cent.), of which 2050 wereascribed to Birth Debility (6.4 per cent.), Malformations, 71 (\cdot 2 per cent.), and Old Age, 751 (2.3 per cent.)

VI.—LOCAL DISEASES.

Under this group are included 15,187 deaths (48.0 per cent.), of which nearly one-half were due to diseases of the Respiratory Organs, viz.: 7306 (23.0 per cent.), Nervous Affections caused 4381 deaths (13.8 per cent.), Diseases of the Heart and Circulation 1309 (4.1 per cent.), and of the Digestive System 1442 (4.5 per cent.), other local diseases accounted for 749 (2.3 per cent.)

VII.-VIOLENCE

Caused 808 deaths (2.5 per cent.)

VIII.—ALL OTHER CAUSES.

Unascertained or Undefined, accounted for 1277 deaths (4.0) per cent.)

The following table gives a synopsis of the foregoing figures—

TABLE XIV.—RESUME of the MORTALITY RETURNS, 1864-1898, showing the NUMBER OF DEATHS from the various GROUPS OF DISEASES, and their PERCENTAGE to the TOTAL DEATHS.

 a. —SPECIFIC FEBRILE or ZYMOTIC. (a) MIASMATIC. (b) Norman and D 	Number of Deaths.	Per Cent. of Total.	Total Deaths of Groups.	Rate per Cent. of Total
(1) KOLPLADE Small Pox Measles Scarlet Fever Diphtheria and Membranous Croup Erysipelas Puerperal Fever Typhus Fever Enteric Fever Continued Fever Relapsing Fever Cholera	$\begin{array}{c} 48\\ 1200\\ 726\\ 625\\ 112\\ 67\\ 115\\ 353\\ 30\\ 10\\ 9\end{array}$	$\begin{array}{r} \cdot 15 \\ 3 \cdot 79 \\ 2 \cdot 29 \\ 1 \cdot 97 \\ \cdot 35 \\ \cdot 21 \\ \cdot 36 \\ 1 \cdot 11 \\ \cdot 10 \\ \cdot 03 \\ \cdot 03 \\ \cdot 03 \end{array}$	= 3295	10.41
(2) NON-NOTIFIABLE Whooping Cough Influenza Mumps Chicken Pox Others	$1523 \\ 30 \\ 1 \\ 6 \\ 2$	4·81 •09 •003 •018 •005	= 1562	4-93
(b) DHARRHŒAL Diarrhœa Dysentery	772 35	2·44 ·11	} = 807	2.55
(c) MALARIAL	6 71 45	·018 ·22 ·14 ·003	= 123	•38
(J) ZOOGENOUS (HYdrophobia) Total Zymotic Dea	ATHS		5787	18.29
IIPARASITIC (Vegetable)			6	.01
III DIETETIC-		.0.1		
Starvation, &c		*006 *18	$\Big\} = 77$	·24
IVCONSTITUTIONAL-				
Gout, Rheumatism, &c. Cancer Phthisis, &c Others	$ \begin{array}{r} 69 \\ 461 \\ 4990 \\ . 106 \end{array} $	*21 1*45 15*77 *33	ight brace = 5626	17.78
VDEVELOPMENTAL- Birth Debility Malformations Old Age	2050 71 751	$6.47 \\ -22 \\ 2.37$	$\Big\} = 2872$	9.07
VILOCAL- Special Senses Nervous System Circulatory , Respiratory , Digestive , Urinary , Lymphatic , Reproductive System Bones and Joints	$\begin{array}{c} & & 8 \\ & & 4381 \\ & & 1309 \\ & & 7306 \\ & & 1442 \\ & & 351 \\ & & 1 \\ & & 255 \\ & & 108 \\ & & & 26 \end{array}$	$\begin{array}{r} \cdot 02 \\ 13.84 \\ 4.13 \\ 23.09 \\ 4.55 \\ 1.10 \\ \cdot 003 \\ \cdot 80 \\ \cdot 34 \\ \cdot 08 \end{array}$) = 15,187	48.00
VII.—VIOLENCE			. 808	2.55
VIIIALL OTHER CAUSES			1277	4.03
TOTAL			31,640	100.00 (Approx.

Year.	Total Births.	Males.	Females,	Rate per 1000 Population.	Illegiti- mate Births,	Percentage to Total Births.	Excess of Births over Deaths.
1892	2295	1185	1110	$36 \cdot 42$	111	4·8	1215
1893	2314	1167	1147	36.73	103	4.4	966
1894	2237	1130	1107	34.95	116	5.1	1247
1895	2312	1238	1074	35.56	97	4.1	1156
1896	2437	1275	1162	36.37	105	4.3	1304
1897	2491	1296	1195	36.10	98	3.9	1204
1898	2608	1292	1316	35.72	83	3.1	1434
Totals	16694	8583	8111	7 Years Average. 35.97	713	7 Years Average. 4·2	8526

TABLE XV.—Showing the NUMBER OF BIRTHS WITHIN the BURGH for the last seven years—1892-1898.

COMPARISON of the BIRTH RATE of GOVAN with that of SCOTLANDand the EIGHT PRINCIPAL TOWNS for 1898.

	Rate per 1000.
Govan	35.7
All Scotland	30.8
Glasgow	33.2
Edinburgh	27.4
Dundee	30.1
Aberdeen	33.2
Leith	$33 \cdot 2$
Paisley	31.7
Greenock	35.2
Perth	26.4

TABLE XVI.—COMPARISON of the ILLEGITIMATE BIRTH RATE (Percentage of Illegitimate to Total Births), in the BURGH OF GOVAN, with that for SCOTLAND as a whole, its DISTRICTS, DIVISIONS, COUNTIES, and PRINCIPAL TOWNS for 1898.

1	~ ~ ~	
Govan 3·1	COUNTIES, Cont	
Scotland 6.8	Forfar	8.5
	Perth	8.5
REGISTRATION	Fife	5.1
DISTRICTS :	Kinross	5.2
Principal Town - 6.4	Clackmannan -	5.0
Large Town 5.4	Stirling	5.3
Small Town 6.7	Dumbarton	3.5
Majuland—Rural - 8.9	Argyll	7.4
Insular	Bute	4.1
	Renfrew	4.7
DIVISIONS:	Ayr	$6\cdot 2$
	Lanark	5.6
Northern 7.9	Linlithgow -	4.8
North-Western - 6.0	Edinburgh	6.2
North-Eastern - 12.0	Haddington -	7.9
East Midland 7.2	Berwick -	8.9
West Midland - 5.0	Peebles	11.1
South-Western - 5.6	Selkirk	6.5
South-Eastern - 6.6	Roxburgh	9.3
Southern 11.5	Dumfries	10.8
	Kirkeudbright -	10.0
COUNTIES :	Wigtown	15.8
Shetland 4.0		
Orkney - 5.6	PRINCIPAL TOWNS'-	
Caithness - $-13\cdot 2$	I RINCHAL TOWNST	
Sutherland - -5.2	Glasgow	6.4
Ross and Cromarty 5.1	Edinburgh	7.4
Inverness 6.7	Dundee	9.2
Nairn 11.0	Aberdeen	8.7
Elgin 12.0	Leith	4.9
Banff 13·3	Paisley	5.9
Aberdeen - 11.8	Greenock	5.2
Kincardine 11.8	Perth	7.3

From the foregoing tables it will be observed that the Burgh of Govan, for the year 1898, occupies the unique position of having a higher birth-rate and a lower death-rate than that of Scotland as a whole, and its eight principal towns; whilst its rate of illegitimacy is lower than that of the average for the whole country, and lower than that of any of its principal towns, its registration districts, divisions, or counties.

APPENDIX.

TABLE XVII.-Showing NUMBER OF DEATHS PER ANNUM in each of the 35 Years-1864-1898; also, the DEATHS from ZYMOTIC DISEASES, and ANNUAL DEATH RATES per 1000 Living.

	ži.							I	.—SPI	ECIFI	C FE	BRILI	e, or	ZYM	OTIC	DIS	SEASI	ES.			1					IC.		ĿĽ			ONAL.		Î		NTAL.																
	TH RA						(1)) Mias	SMATIC	or I	NFECT	ious.							(3)	RHŒAL	(3) Arial.	(1) Ereal.	(5)	PTIC.	(6) ENOUS.	II. Arasit	2	DIETET			IV.			i	V. Elopme.						VI.—1	Local.		·				pecified	<u>.</u>	VING.	1144
	e DrA ed.					(a)	Noti	FIABL	E.					(6)	Non-	Noth	FIABLI	Е.		DIAR	MAL	VEN	(СE N	ZOOG		-				Cons				DEVI									<u> </u>			100	s not S	TINION CONTRACT	000 L1	
Ү клн.	POPULATION on which th is Calculate	Small Pox.	Mcasles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Erysipelas. Pherneral Fever	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable Parasitic.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malfornia ons.	Old Age.	Special Senses.	Cionitatoni Sustan	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin. VIIViore	VIIIAll other Cause	Torrat. Dear	DEATH RATE FER L	WITH WATER AND
1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897 1898	9,000 10,000 10,000 10,000 11,000 13,000 14,000 23,000 29,000 33,000 36,000 40,000 43,000 45,000 55,000 59,000 55,000 57,000 63,000 63,000 63,000 63,000 63,000 63,000 63,000 63,000 55,000 55,000 55,000 55,000 55,000 55,000 55,000 55,000 55,000 55,000 53,000 53,000 63,00	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} & \cdots \\ 14 \\ 8 \\ 3 \\ 16 \\ 13 \\ 1 \\ 31 \\ 31 \\ 3 \\ 19 \\ 7 \\ 1 \\ 23 \\ 4 \\ 68 \\ 18 \\ 50 \\ 21 \\ 42 \\ 24 \\ 61 \\ 50 \\ 21 \\ 42 \\ 24 \\ 61 \\ 53 \\ 12 \\ 72 \\ 82 \\ 56 \\ 24 \\ 177 \\ 11 \\ 15 \\ 53 \\ 51 \\ 44 \\ \end{array}$	$\begin{array}{c} 6\\ 5\\ 11\\ 11\\ 7\\ 14\\ 19\\ 8\\ 35\\ 30\\ 45\\ 63\\ 46\\ 18\\ 10\\ 8\\ 29\\ 14\\ 51\\ 19\\ 22\\ 4\\ 15\\ 6\\ 1\\ 4\\ 3\\ 29\\ 22\\ 14\\ 51\\ 19\\ 22\\ 24\\ 15\\ 6\\ 1\\ 1\\ 3\\ 3\\ 0\\ 6\\ 6\\ 6\\ 1\\ 1\\ 9\\ 1\\ 1\end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} & \ddots & \\ & 2 \\ & 2 \\ & 1 \\ & 1 \\ & 2 \\ & 2 \\ & \ddots \\ & 2 \\ & 2 \\ & \ddots \\ & 2 \\ & \ddots \\ & 1 \\ & 1 \\ & 2 \\ & 1 \\ & 1 \\ & 2 \\ & 1 \\ & 2 \\ & 1 \\ & 1 \\ & 2 \\ & 1 \\ & 1 \\ & 2 \\ & 1$			$\begin{array}{c} 52\\ 56\\ 41\\ 35\\ 43\\ 49\\ 60\\ 82\\ 78\\ 94\\ 215\\ 126\\ 84\\ 134\\ 70\\ 89\\ 78\\ 145\\ 129\\ 193\\ 88\\ 110\\ 138\\ 88\\ 110\\ 138\\ 88\\ 110\\ 138\\ 67\\ 119\\ 240\\ 52\\ 0\\ 113\\ 240\\ 52\\ 0\\ 113\\ 240\\ 119\\ 141\\ 2\\ 10\\ 119\\ 141\\ 2\\ 10\\ 119\\ 141\\ 2\\ 10\\ 119\\ 141\\ 2\\ 10\\ 119\\ 141\\ 2\\ 10\\ 10\\ 119\\ 141\\ 2\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10$	5.77 5.60 4.10 3.50 3.91 3.76 4.28 4.31 3.39 3.24 6.51 3.50 2.10 3.11 1.55 2.07 1.69 2.98 2.45 3.38 1.49 1.93 0.94 2.298 2.45 3.38 1.49 1.93 0.94 2.298 2.298 2.45 3.38 1.49 1.93 0.94 2.298 2.298 1.22 2.29 1.74 1.03 3.80 0.81 0.15 1.58 1.22 2.29 1.74 1.03 3.80 0.81 1.58 1.15 1.22 2.298 1.22 2.298 1.22 2.298 1.228 1.228 1.15 1.288 1.128 1.158 1.288 1.128	$ \begin{array}{c} 3 \\ 9 \\ 8 \\ 29 \\ 9 \\ 9 \\ 12 \\ 14 \\ 7 \\ 17 \\ 18 \\ 28 \\ 25 \\ 18 \\ 33 \\ 9 \\ 59 \\ 75 \\ 27 \\ 87 \\ 85 \\ 52 \\ 49 \\ 89 \\ 79 \\ 33 \\ 38 \\ 70 \\ 66 \\ 30 \\ 69 \\ 48 \\ 38 \\ 63 \\ 80 \\ 67 \\ \hline \end{array} $	···· ···· ···· ··· ··· ··· ··· ··· ···	···· ··· ··· ··· ··· ··· ··· ··· ··· ·	···· ··· ··· ··· ··· ··· ··· ··· ··· ·		$\begin{array}{c} 6\\ 6\\ 12\\ 11\\ 7\\ 10\\ 10\\ 17\\ 30\\ 20\\ 36\\ 37\\ 17\\ 30\\ 10\\ 32\\ 14\\ 39\\ 22\\ 37\\ 25\\ 21\\ 22\\ 11\\ 16\\ 18\\ 29\\ 16\\ 36\\ 8\\ 20\\ 24\\ 33\\ 84\\ \end{array}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{c}1\\ \cdots\\ \cdots\\ 2\\ \cdots\\ 1\\ 2\\ 1\\ 1\\ 2\\ 1\\ 3\\ 3\\ 2\\ 1\\ 2\\ 3\\ 5\\ 7\\ 9\\ 1\\ 2\\ 4\\ 2\\ 2\\ 2\\ 4\\ 1\\ 1\\ \cdots\\ \cdots\\ 2\\ 4\end{array}$	$\begin{array}{c} & & \\$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$					$\begin{array}{c} \cdot \cdot 1 \\ \cdot \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ 1 \\ \cdot \\ 2 \\ \cdot \\ 1 \\ 1 \\ 3 \\ 3 \\ 1 \\ 6 \\ 1 \\ 2 \\ 1 \\ \cdot \\ 4 \\ 3 \\ 2 \\ 1 \\ 4 \\ \cdot \\ 1 \\ 4 \\ \cdot \\ 4 \\ 2 \\ 3 \\ 4 \\ 5 \\ \end{array}$	$\begin{array}{c} & \ddots & \\ & 1 \\ 1 \\ & \ddots \\ & \ddots \\ & 2 \\ & \ddots \\ & 2 \\ & 3 \\ & 3 \\ & \ddots \\ & 1 \\ & 5 \\ & 2 \\ & 1 \\ & 2 \\ & 5 \\ & 1 \\ & 2 \\ & 5 \\ & 1 \\ & 5 \\ & 2 \\ & 3 \\ & 2 \\ & 3 \\ & 1 \\ & 6 \end{array}$	$\begin{array}{c} 2\\ 1\\ 2\\ 4\\ 2\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	$\begin{array}{c} 65\\ 71\\ 58\\ 67\\ 68\\ 72\\ 119\\ 84\\ 103\\ 14\\ 153\\ 158\\ 75\\ 195\\ 202\\ 195\\ 202\\ 195\\ 202\\ 219\\ 228\\ 215\\ 90\\ 99\\ 48\\ 41\\ 37\\ 31\\ 29\\ 42\\ 62\\ 44\\ 56\\ 35\\ \end{array}$	$ \cdots \cdots$	$\begin{array}{c} 16\\ 18\\ 11\\ 14\\ 7\\ 18\\ 20\\ 17\\ 25\\ 48\\ 56\\ 45\\ 53\\ 60\\ 69\\ 46\\ 70\\ 81\\ 73\\ 81\\ 86\\ 62\\ 51\\ 62\\ 64\\ 67\\ 88\\ 93\\ 91\\ 02\\ 72\\ 89\\ 91\\ 13\\ 91\\ \end{array}$	$ \begin{array}{c} 2 \\ 1 \\ 1 \\ \dots \\ 1 \\ \dots \\ 1 \\ 2 \\ 1 \\ 6 \\ 3 \\ 6 \\ 1 \\ 2 \\ 5 \\ 4 \\ 5 \\ 4 \\ 2 \\ 5 \\ 4 \\ 4 \\ 2 \\ 5 \\ 4 \\ 5 \\ 4 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	$\begin{array}{c} 4\\ 4\\ 7\\ 10\\ 13\\ 13\\ 11\\ 15\\ 16\\ 17\\ 22\\ 14\\ 20\\ 23\\ 21\\ 19\\ 26\\ 26\\ 17\\ 26\\ 29\\ 19\\ 28\\ 33\\ 52\\ 4\\ 31\\ 23\\ 40\\ 36\\ 8\\ 28\\$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 10\\ 12\\ 8\\ 8\\ 16\\ 12\\ 8\\ 16\\ 16\\ 20\\ 29\\ 40\\ 42\\ 31\\ 34\\ 53\\ 50\\ 47\\ 48\\ 45\\ 58\\ 54\\ 50\\ 57\\ 52\\ 39\\ 47\\ 57\\ 53\\ 42\\ 68\\ 55\\ 50\\ 63\\ 55\\ 67\\ 44\\ \end{array}$		$\begin{array}{c}1\\1\\2\\2\\1\\1\\5\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.\\.$		$\begin{array}{c} \vdots \\ 1 \\ 2 \\ 3 \\ 3 \\ \vdots \\ 5 \\ 7 \\ 4 \\ 1 \\ 1 \\ 2 \\ 2 \\ 1 \\ 2 \\ \vdots \\ 6 \\ 1 \\ 4 \\ 3 \\ 1 \\ 7 \\ 8 \\ 4 \\ 2 \\ 2 \\ 2 \\ 1 \\ 2 \\ \vdots \\ 3 \\ 3$	$\begin{array}{c}1\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{c} 3 \\ 1 \\ 2 \\ 1 \\ \cdots \\ 3 \\ 2 \\ 2 \\ 2 \\ 2 \\ 1 \\ 1 \\ 3 \\ 6 \\ 3 \\ 5 \\ 8 \\ 6 \\ 8 \\ 7 \\ 10 \\ 6 \\ 7 \\ 1 \\ 2 \\ 3 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 2 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 3 & 11 \\ 3 & 2 & 11 \\ 1 & 10 \\ 6 & 1 & 11 \\ 1 & 10$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ 10\\ 50\\ 20\\ 27\\ 46\\ 21\\ 10\\ 57\\ 50\\ 11\\ 22\\ 40\\ 87\\ 60\\ 81\\ 66\\ 10\\ 52\\ 33\\ 66\\ 11\\ 14\\ 96\\ 53\\ 60\\ 8\\ 16\\ 596\\ 50\\ 8\\ 596\\ 50\\ 8\\\end{array}$
Totals Avera for 35	and j ages Years.∫	48 l	200 72	6 62	5 112	2 67	115	353	30	10	9	3295 2	2.73 1	523	30	1	6	2	772	35	6	71	16	29	1	6	15	2	60	69 4	61 4	990 1	106 2	2050	71 7	51	8 43	81 13	09 730	6 144		351	9	81	165	.08	26 80	8 12	77316	40 22	2.21

1. · · ·

•

.

MORTALITY RETURN'S, 1864.

- ----

(Estimated Population, 9,000).

																					(*	1.501														 	i													-			
						•			SPE	ECIFIC	FEB	BRILE,	OR Z	ZYMO	ric I	DISEA	SES.						· 1			, n	ITIC.		ETIC.			UTIONAL				PMENTA							Loc.	AL.						Defined			IVING.
								Miasm	ATIC O	R INFE	ECTIOUS	5.							-	RRHŒĂI	A RIAL		NEREAL	SEPTIC.		OGENOU	PARAS	1	DIETI			CONSTITU				DEVELO														E. -ified. II	wn.	-SHT	1,000 L
	-					Νοτ	IFIABLE	Е,							Non-1	Notifi	ABLE.		<u> </u>	- DIA	Ž		≅ >		1	9 		 t				-0-					i				•					active m.				LENCI	Jukno	. DEA	115R
	Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Krysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	otal Deaths from Notifiable Infectious Diseases.	eath Rate from Notifialile Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	, Diarrhœa,	Dysentery.	A Domittant Favor	Ague and Kennicult rever	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Want of Breast Milk.	Scurvy:	Alcoholism.	Gout, Kheumausun, and Rheumatic Fever.	Cancer. Dhthisis and Wasting	Phthisis and Washing Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmi	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System	Digestive System.	Lymphatic System	Urinary System.	Male.	Female. Reprodu	Parturition.	Bones and Joints.	Skin.	Vio	All other Causes in	Tora	Drath Rath
1561	_		1	-				 		1		T										İ										1	5		1	1			Ĝ		8						a u A			1	3	<u> 3</u> 9	52.00
Leaver		3	<u>.</u>			1		3				9		3	• • •								1	••••		.		••• •	•••	••	•	2	1		3	-			6		4						••••					19	25.33
Fahruary	• •	3		1			1	; 1			1	5									.			•••				••••	•	•••			10			•••			3		11	- 1							1		3	40	53.33
reorumy		5				1	ļ 	1			•	6							1	L	.			•••				.	•			•••	12						4	3	4	.1								1		31	41.33
Marca		1	 ຈ			1 4 7					!	3					• • •															•••	13		2	• • •					3			1			• • • •			1		16	21.33
April		1				Τ	1			1	1 ***	2						.		1 .													Э	•••				•••	7		1	1						• • • •		1	1	22	29.33
May		1	 .)					4				3																1				••••	6	••••	1	1		••• •	4		- I 							2		1		24	32.00
June				-)	• • •	1					3				•••				1 .								•••	•••		• • •	••••	6	• • • •	•••			[····))	2	2	1			1							16	21.33
July		••••••		<u>نــ</u>			2		,-		1	2						• ••		2								•	•••	•••		••• !	4	•••	3	•••			2			1	. , •••	••••			1			1		18	24.00
August				· · · ·	· ···		1		1			1				•		.		1										• • •	•••		3		2	•••	•••			2			• • • •			•••		1		2	2	25	33.33
September	•	•• ••		. ť)				1		• • •	5		1						••	1					•••							1	•••	1				5		2			•	• •••					. 3	2	22	29.33
October	···· •	• •			3		. 1	. 1		•••	· · · •																		•••				4		1				2		4		2			.			•••	0	2		36.00
November			••••	.]	1			. 3		• • •	• • •	+														• 11 •							5		1				5]	. 4	ł				• • • •			•••				
December		•• •	• • • •		3	• •••	. 1	. 2		 		- 6						• • •	••••••													2	65		16	· 2	4		16	1	1 47	7 1	0		1			3	1	13	13	299	33.22
Total	1	.3.	6	3 1:	£	. 1	1 7	11			•••	52	5.7	7 3	•••			•		6	1	• • •		•••	•••	••••			• • •	• • •	1		1	1							1												

1

.

MORTALITY RETURNS, 1865.

(Estimated Population, 10,000).

		1							SP:	ECIFIC	C FEB	BRILE	, OR 2	ZYMO	FIC D	ISEAS	SES.									ıc.		20			ONAL.			NTAL.														ert,		
		-				No		Miasm	ATIC C	DR INFE	ECTIOUS	5.	1		Non	JOTIFI				ARRHŒAL	ALARIAL.	ENEREAL.		SEPTIC.	OGENOUS.	Parasit		DIETET			NSTITUTI			SVELOPALE.							LOCAL.							, Ill Define		LIWING.
												e	e						F 		r. M				Z0								+		1		· · · · · · · · · · · · · · · · · · ·										CE.	scified own.	SHTS.	1,000
1565		Smull Pox.	Measles.	Scarlet Fever.	Membranous Croup.	Puerperal Fever,	Typhus Fever,	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Denths from Notifiah Infectious Diseases.	Death Rate from Notifiabl Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Feve	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, an Want of Breast Milk.	Scurvy.	Alcoholism.	Court, Kneumatism, and Rheumatic Fever.	Cancer. Phthisis and Wasting	Diseases. Others, e.g., Diabetes,	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Male.	Female, Reproducti	Parturition.	Bones and Joints.	Skin.	VIOLEN	All other Causes not Spe and Unkn	Torat, DE	DEATH RATE FER
0091 7			0		1.	2	2 1	3				9											1									8	2	2			5	1	6	1				1				9	35	12.00
2			1		1		1 9	1				8																	. .			A		1		•••	1		5	1	•••		••••	• • •	•••			-	25	12 00
n i uai y	• • •	•••	. T		л. С	•••			•••	•••	•••	0			•••	••••	•••		•••	•••						•••		.	.	•• •	••	4		I		•••	I	•••	9	1 .	•• ••	• • • • • •	•				0	2	20	30.00
arch	•••		2	1	2.	•••	. ±		•••	•••	•••	9		1	••••		••••		•••				•••			••••		.		.	••	7		5	••••	••••	4	2	5 .	•• •		• •••	• [···				1	3	37	44.40
oril					1.	••• ••••	1	••••	•••	•••	••••	2											••••	•••				.	.	.	••	6		•	•••		2	1	4	1 .	•• ••	• ••	• •••	* • • •			1		17	20.40
3			3		• • • •		2	1	1	•••	•••	7		1	•••		•••		••••				•••					.			1	2	.		•••		3	•••	3	1	1	.					1	1	30	36.00
<u>n</u> :	• • •		$2 \mid$				3	1				6		1	••••				1								••••	.				5		1			1	••••	2	2		.							19	22.80
····	- • •		1		1	. 1		1	•••	- • •		4		1	••••				1											.		7		3	1		5		3	1			1						27	32.40
gust					1	• [•••						1			••••				3									.		1	1	3	.		1		4	1									3		18	21.60
tember					1		1	· ·				2		1					1										1			5		2 1			2	1		2.				1	1		2		21	95.90
uber		1		7	1	1						3							-	•••	•••	•••	•••	•••		•••	•••		· .		••			- 1 0		••••	2		-		••••			•••					27	29 20
				2	-				••••	•••	•••	~	•••		••••	••••	••••		••••	•••	•••	•••	•••	•••		•••	•••	••• •	••••••	••	••	4	•	o			2	•••	1	1	••		•••	•••	•••			2	11	20.40
·ember			••••	•	1			•••	L	•••	•••	9	••••	2	•••	•••			•••	•••	•••	••••	•••	•••		••••	•••	.		•• •	••	5		1		•••	3	2	6	2				•••			1		27	32.40
Ember		•••	• • •	••••	•••••	• • • • •	•••	•••	•••	•••	••••	•••	•••	2	••••	•••		•••			•••	•••	•••	•••	•••	•••		.			••	5	• ••		1		1		8 .	•••		.	.		•••			1	18	21.60
Total		}	14	5 1	0 :	1 3	14	7	2	•••		56	5.60	9	•••		•••		6	•••		••••	1	•••		•••			1	1	1 7	1	. 18	8 1	4	• • •	33	7 4	43]	2.		2	. 1		1		12	11 2	291	29.10

٠

MORTALITY RETURNS, 1866.

(Estimated Population, 10,000).

		Ī								SPI	ECIFI	C FE	BRIL	E, OR	ZYN	IOTIC	DIS	EASE	cs.									IC.		IC.				UNAL.			NTAL.											,		cd,		
							Νοτι	IFIABLE	Miasm.	ATIC C	OR INF	ECTIOU	US.			No	No1	TFIAB	LE.		JIARHŒAL		MALARIAL.	VENEREAL.		SEPTIC.	COOGENOUS.	Parasit		DIETET							DEVELOPME				•			Local.						ed, Ill Defin	i,	00 Laving.
3. 84		Small Pox.	M easles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Krysipelas.	Puerperal l'ever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Der	Culcken Fox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c. Z	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	VIOLENCE.	All other Causes not Specific and Unknown.	Тотаг Деати	DEATH RATE FER 1,00
1500		1	1				,		1				,			1		+			1									1				8		1				4	1	, 1 [;]	2			•	1			1	99	26.10
hrpart				- • •	•••	••••	• • •	1				+	3	3		1															•••			9		1		1	•••	4	1	3	-	•			1				20	21.00
arch	•••	• • •	• •	1	•••				2				3																•••	¢ * *	•••	•••	•••	-			•••	- 	. 1	3		Ŭ		•						1	18	21.60
	• •			1		•••			1	•••	• • •		1 .)			1	•						•••	• • •	•••						•••	•••	•	7		1		-	1	8	1	3	•••	•	•••		•••	1			21	28.80
111				*		••••	•••	••••	1			•••	-			,	•	•			1			•••		•••			•••	•••		•••	1	7	•••	1	•••		•••		1	5	•••	•		• • •	•••	1			- T	20.00
				••••	• • •	••••		• • •	1	•••		•••					• • • •	• •	•••	•••	1	•••	••••		• • •	••••			•••			•••	ł				•••			±	••••	9 . 9 :	•• ••	• ••••		•••	•••				20	27.00
ЩК			1	•••	• • •	···· }	••••	••	1	••••	•••		ئے۔ ۲			L	•	• •	•••	•••		•••			••••	•••	•••	•	••••	•••		••••		0		2				2	••••	э · .	··· ··			•••	•••• ,			· · · ·		20.40
Y	• • •				••••	1		••••	1		• • •	•••				• • • • •		•	•••					••••	••••				•••	•••	•••		•••	Ð (••••		••••	3		+	2	• • • • •			1	1		. 2	22	26.40
gust				•••			•••	• • • •	2.	• • • *		• • •	1 2			• • • • •		•	•• •	•••	2		••••	•••		• • •	•••		• • • •	•••		•••	•••	5 ;	•••	1	••••		•••	3	1	1	1								17	20.40
tember	• • •		3	•••	2	••••		••••	••••	•••		•••	7		••	• • • • •		•	•• •		••••		• • •	•••	••••		• • • •	• • •	••••		•••	•••	1	6	• • •	2	••••		•••	3	••••	•• •	••	.			* • •	• • •	. 1		20	24.00
ober			2	3	1			•••	•••	•••		2	8			• • • • •		• •	·· · .	·				• • •					·		• • •			2			1				1	4 .	•••	.			1			1	18	21.60
vember			1	1	1	2	•••	••••	1	•••	• • •	• • •	9			2	• • •	• •	.						•••	•••				•••	•••		• • •	1			•••	2	•••	1		2	2	. 1						- 2	<u>22</u>	26.40
ember				2	•••	••••			1		• • •	•••	3			• • • • • •			•• .•	•••	••••			• • • •		• • •				•••			•••	3		1		1		5		2 .		. 1							17	20.40
Total	•••		8	11	4	3		1	12			2	• 41	4.10) 8			• • • •	• • •	• •	6		••••		••••	• • •			 	•••	••••	1	2	58		11	1	7	1	40	5 2	28	8	. 2			3	2	11	. 10	245	24.20

M

J

Ju

AT

100

Oc

N

L

MORTALITY RETURNS, 1867.

.

(Estimated Population, 10,000).

		7								SPEC	CIFIC	FEB	RILE,	OR 2	ZYMO'	ric [.] D	DISEA	SES.									10.		IC.			ONAL.				NTAL.													ied,		•
							Notif	N PIABLE.	fiasma	TIC OR	INFEC	CTIOUS.				Non-I	Notif	IABLE.			IARRHŒAL	MALARIAL.	JENEREAL.	Claries	OEF IIC.	OOGENOUS.	Parasit		DIETET			CONSTITUTI				Developme						L	OCAL.						ed, Ill Defin	ý	0 LIVING.
		. Small Doe	Measles.	Scarlet l'ever,	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c. Z	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System. Resniratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints. Skin.	VIOLENCE.	All other Causes not Specific and Unknown	Torat. Drath	Деати Кати гик 1,00
1867			3			.)	1	1	1				5				·			1													5		1		2		4	2 5	1							2	1	29	34.80
mary	•••	••		····		-		1	3				5																				4		1		3		5	4	·)									22	26.40
ch				2		.							2							2												1	6				1		4	1 1	3								2	23	27.60
il				·		4 •	1 .		2	•••			3		1																	1	6				1		3.	E	1		•			••••		. 1		22	26.40
· ···	• • •							••••							1											· 							9		.		1	/	5.]		3							1	21	25.20
e				2		į.		.		, . 	••••		2							1													7		1		1		4.		2]	L								19	22.80
·					2.					••• •		İ	2		6					4									••••				10		.	.			6 .]	.]	l					···· ····	1	2	33	39.60
ust		· · · ·		1								!	1		6					1													8		4				3 .			l		•••	•••		1		1	26	31.20
ember			1			(.			1	1.	,)	3		2					1					••••								1		2				4.		2 2	2	1			[1		1	20	24.00
ber				1		/.			2		••••	••••	3		6		•••			2	.:.												$4 \mid$		2				5	1	2								1	26	31.20
ember	• • •		1	2		1				1 .	••• .		5		4																	-	2		3				4.	4	2	2						2	2	28	33.60
mber	• • •		1	1	1 .			••	1				4		3																	• • •	5				1		2 .		7	1								23	27.60
Total			3	11	3	3	2	1]	10	2.		•••	35	3.20	29					12												2	67		14	••••	10		49	4 3	5 10	6	1			•••	1	6	11	292	29.20



BURGH OF GOVAN. _____

MORTALITY RETURNS, 1868.

(Estimated Population, 11,000).

Fe

Л

E

М

Ju

J

E

Se

0

7

D

									SPI	ECIFIC	FEBR	ILE, C	DR ZY	MOTIO	DISE	EASES									TIC.					CIONAL.			ENTAL.													fined,		ti I
								Miasm	MATIC O	DR INFE	CTIOUS.	•						_	RRHUEAL	ALARIAL.	NEREAL.		EFTIC.	OGENOUS	Parasi		DIETE			INSTITUT			RACTOPM	4					Lo	CAL.						d, Ill De	ŵ	0 LIVING
						No	TIFIABI	LE.						N	Nor		z.		-DIA					Zoc			(1		<u> </u>			Â									ive		,	NCE.	pecifie nown.	RATH	к 1,00
		Small Pos.	M easles.	Scarlet Fever. Diphtheria and	Membranous Croup.	Puerperal l'ever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Lotat Deaths from Notifiable Infectious Diseases, Death Rate from Notifiable	Infectious Diseases,	w nooping Cough.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy. Alcoholism	Gout. Rheumatism, and	Rheumatic Fever. Cancer.	Phthisis and Wasting	Diseases. Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	. Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproduct	Parturition.	Bones anu Jumm	VIOLE	All other Causes not Si and Unk	Toral D	Death Rate us
1868		- 1			7									1	1			1		1	Ì	İ																a				1					-23	25.09
nuary			1	1	1	• • • • •		1			•••	4		2 .					l						•••				•••	1	6		••••	1	••••	•••	1 4	2	• • •	•••	•••	••••	•••				10	10.62
bruary]		1.									1		1 .			.		• • • •											1	3	2		2		2	$1 \mid 2$	1 L									10	19 00
arch						1	1		, 1		•••	3		1 .					1											1. 1	1			2		4 .	7	2					••••	•• •	. 1	1	33	36.00
mil			1		1	; ; ;	. i				• • •	2		2					1												4	·		1		4	1 4	, 1				•••			. 1		21	22.90
			1		1			1				3		1								1									8					1	2	2 2	2			•••					18	19.63
av	•••		1.		1		1					ĩ																		1	9	2		2		2		2 1	L	1			}				21	22.90
пе	• • •			••••			1				•••			•••••					· · ·												4			1		1.		3 1	ι							2	15	16.36
ly	• • •	•••	••••			• •••		•••			••••		··· ·	•••••••••••••••••••••••••••••••••••••••	•• ••	• ••	• ••	·	±			•					•••				7			1		4		1	1			•••	1	••••		2	24	26.18
igust	• • •	• • •	••••	•••••	•	1	••••	1		···· ¹	• • •	2		1	•• •	••]••		·	4.	••		•	• • • •	•					•••		• • •					2			1			1				1	13	14.18
ptember			1.	••	1		•••	2	•••	•••		4		••••	•••				•••••••••••••••••••••••••••••••••••••••											•••	3	•			•••	2	• • • • • • • • • • • • • • • • • • •	_	L)	-05	27.27
tober			4	1 :	2	• •••		• • •				7																		1	4			1		2	1	1	• •••							-	25	38.18
oveinber		• • •	6	3		. !		• • •	••••		•••	9										1			1						5	. 2		3		2		8							. 2	-	0.0	30.10
cember			1	2 1	2			2				7		1																••••	4					1		2	2	. 1				••••			21	22.90
Total			16	7 8	3	2	2	7	1			43 3	3 [.] 91	9				. 1	1 .			2			1		• • •	• • •		4	68	. 7		13		26	4 4	2 1	4	. 2		1	2			6 12	267	24-27

· · · · · ·
MORTALITY RETURNS, 1869.

(Estimated Population, 13,000).

																														[L.		Î		чг.	1								,					ų,		
		-								SPH	ECIFIC	FEB	RILE,	OR Z	YMOTI	C DI	SEAS	ES.					1 ;	1		i vi	ITIC.		ETIC.			TIONA				PAIENT							LOCAL.							Define		ING.
]	Miasm	ATIC O	R INFE	CTIOUS	•								INHUEA	LARIAL	EREAL		SPTIC.	GENOU	Paras		DIETI			NSTITU			•	EVELOF														ed, Ill	ls.	00 LIV
							Noru	IFIABLE	E.						N	Ion-N	OTIFIA	BLE.			DIAF	MAI	VEN		- S	Z00						C 	 			<u></u>	+								tive			i	ENCE.	Specifi known	DEATH	TER 1,0
		Smull Pox.	M easles.	Scarlet Fever.	Diphtheria and Membranons Croup.	Erysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	otal Denths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia	Birth Debility.	Maltormations.	Uld Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urmary System.	Mate. Reproduc	Femare System Parturition.	Bones and Joints.	Skin.	Viou	All other Causes not ⁵ and Un	Toral.	Death Rate f
1869		-	1		1													•															7				2		2	• • •	3	ġ.		., .		•• •			2	2	26	24.00
January	*		1		2		••••	•••	1				4		1	••••		• • •				4 * *				**				• • •			4		1		1		4		2.			1 .					1	2	22	20.30
February			1	2				1				• • •	4		1		•••		•••	1				•									7		3						4	2.							2	2	25	23.07
March			1	1	1	••••	•••	1		•••			4					•••		1				•									6		3		2		5		4	2 .					• •••		2	3	32	29.53
April	•••			2	1			1		••••	••••		4					•••						•	•							1	7		1		1		4	1	3	1	l		.						22	20.30
Мау		·	1		•••		• • •		2			•••	3					• • •			•••			•	•								8		4		1		4	1	6	1				1 .		. 1		2	35	32·30
June			+		2					•••			6		•••		•••		•••				•	•	•	• • • • •							6				2		4	••••	4	3			••				1	3	28	25.84
July	•••	,	1	1	••••	•••)		•••	••••	1			3		1		•••			1					• • • •				•••				5		3		ື່		6	2	1								1.		29	26.77
August			3		1	(2				6						•••	3	•		•		• •	•				•••			2	1			1		5	1	1				.			.			12	11.07
September		1			•••				1				2		•••								.	• • •	.										1		1		7		3								1	1	24	22.15
October			1	3	•••	•••				••••			4		1	• • •								•• •			•	•	•	•			5		2				5	1	6	2				1			2	1	29	26.77
November				1	1	l			1	•••			3		1	•••	• • •		•••		• ••		• •	•• •		• • • • •	• • • • •										1		5	1	14	2		•••							47	43.38
December				4	1	•••		1					6		7	• • •	• • •		•••	•••	• • ••			••••••	•••••••	• •••	• •••	• •••	• • • •			• • •		•••	1.0		12		51	7	51	16		1		2			1 12	16	331	25.46
Total		1	13	14	9			4	7	1		• • •	49	3.76	12					1	7	1.			•••		•	• •	• ••		•		172		10		10															<u> </u>

MORTALITY RETURNS, 1870.

(Estimated Population, 14,000).

.

1870

January

February

March

April

May

June

July

August

September

October

November

December

Total

									ś	SPEC	CIFIC	FEB	BRILE	e, or	ZYN	TOTIC	DISE	ASES	5.										TIC.		TIC.			TIONAL.				MENTAL.			,				Taat								efined,		.DNG.
-								Mia	ASMATI	IC OR	INFE	CTIOUS	S.								RHUEAL		LARIAL.	EKEAL.		SPTIC.	SUONAD		FARASI		DIETE			NSTITU				SVELOPI							LOCA	L.		•					d, III L	°2	00 Livi
						No	TIFIA	BLE.								Nor	Not	IFIABL	.E.		DIAF		MAI	VEN		S.	Zoo		-			-		Co		1	<u>۽</u> ا	<u>-</u>										iive .				ENCE.	specifie known	нта(śr 1,00
l	Small Pox.	Measles.	Scarlet Fever.	Diphtheria and	Frysipelas.	Puerberal Fever.		Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Cotal Deaths from Notifiable ' Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.		Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Sentica-mia.	Hydronhohia &c.	TYJUIOPROV (T	Vegetable. Insuition Starvation, and	Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Phthisis and Wasting	Diseases.	Rickets, Leucocythæmia	Birth Debility.	Mariormations.		Special Senses.	Nervous System.	Circulatory 3) stem.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproduct System	Parturition.	Isones and Joints.	Skin.	VIOLE	All other Causes not S and Unl	Torai. I	DEATH RATE P
-	i			1																- -										1					7		3		2 .		2		7.				•••			i		2		35	30.00
			3		1			•••	1 .	••		•••	5		Ē	5		•			***	•••	••••	1			•			1.		•••	··	•	5		2		1		3	1	2	1				1		1			1	26	22.28
	'		· <u>)</u>				• 4	1	1			• • •	4		5	3					••••	•••						•	•••				1	-	4						4	2	6	1		1							1	32	27.42
	•••		5	•••				1	2 .	••		•••	8		e e	3			• •		•	•••						•			.			•	7						4	3	2	2		1						4	3	30	25.71
	•••	• • •					. .		$2 \ $	••		•••	2			l		• ••			1	•••						•••••••••••••••••••••••••••••••••••••••	.					•	ă	1			2		8	2	3	1		•••	• • •	1		1		2	3	33	28.28
						1	•	2		••	•••		2			2		.			••••	• • •					••• ••	•••					.		5						8.		3	1	••••	1		•••			•••			19	16.28
	•••				• • •		. .		••			•••				• •••										•		•••		•••	••••		1	••	9		1		1		4	3		1		•••		1				2	1	32	27.42
			3	1				1		1	•••		6					.			2	•			.	• •		•••		•••	••••		1.	••	6		3	1	2		4		5	3	1		,						3	41	35.14
			1	9	1	×	. .	••	2 .	•			6			• • • •		• •			5				•	•			1	••••			••••		ບ ກູ່:		ે ગ				4	2	2	3								2	1	26	22.28
			2	1			• •	•	1 .		1		5								1	1				•	••					1	••••		9		1				3	1	2	$2 \mid$								1	3	25	21.42
			2				•	1 .			•••		3			• • • •					•••					. .							••••		8		2		1		1		4			2						1		29	24.85
	1			1	۱	•••		•••	5.		2		9			• •			••		1					•				••••	••••	•••	••••		5		4		2		5	1	6	1								3	2	39	33.42
	1	1	1	3]	1 .	•••	1	1	1		10	•••					••	••••	•••	••••				• •	••••••		•••	• • •	•••	•••									50	15	4.2	16	1	5		2		3		17	18	367	26.21
	2	1	• 19	9	1	1		6 1	5	2	1		60	4.2	8 1	4			•••		10	1			1		•••		1	1	•••	1	$\begin{vmatrix} 2 \end{vmatrix}$.	••	72	2	20			•••	50		42	10						0		1.	10		

.

1.

MORTALITY RETURNS, 1871.

(Estimated Population, 19,000).

										SF	PECIF	IC FI	EBRIL	E, OF	R ZYN	IOTIC	DISE	EASE	S									'IC.		ic.				ONAL.			NTAL.										•					cd,		
							Noti	IFIABLI	Miasm e.	MATIC	OR INI	FECTIO	us.			No	N.Not	IFIABL	.E.	_	JIARRHŒAL		Malari al .	VENEREAL.	SEPTIC	267110	COOGENOUS.	Parasit		DIETET				Constituti			DEVELOPME							Loc.	AL.	·						ed, Ill Defin	ż.	00 LIVING.
		Small Pox.	Mensles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Erysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infertions Diseases	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Disordaus	Dyscalery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydropholia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, c.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Uriuary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENCE.	All other Causes not Specifi and Unknown	Тотаь Деати	DEATH RATE PER 1,0
1871		1	1	1		-	!						0					1															0	5				•)		4		, , ,	9									1	٥ġ	20.84
January	••••	1		1	+	1	•••	•••	1		••••	1 •••	0						•		•	•• •	•••		•••			• • •								••••	••••	4		+	<u> </u>	1	<u>د</u>		····.	••••	•••	• • •	•••				00	20.04
February	• • •			2	3	••••			1		1		7								.													7		1		2		6	1	11	2	••••]							2		41	25.89
March	•••	2		1	2	1	•••				1		8							2	;			1	••• 1			1		•••				17		2	•••	3		5	3	7	1	••••				••		1		1	5l	32.21
April		1	• • • •	1	3				2	1			8						.		• •							·						14		1		1		3		11	3					2			1	1	45	28.42
<u>May</u>		1		• • •	3	1		••••	1				5								.												1	10		2		1		11	2	7									1	1	41	25.89
June		1	5	1		••••			1	1			9							. 3													1	10 .		1		1		4	1	9	1								2	2	44	27.78
July	• • •	1	4	· • •		•••	1		1				7	. 						2	2					6		1					1	8		1			••••	11		10	3	•••					1		1		46	29.05
August		1	3	1				••••			• • • •		5							2	2	1.												12	•	2				4	1	4	2						1			3	37	23.36
September			4						1				5			÷]					1			. 		13		1		1		2	1	4	1										29	18.31
October			6		1	i		1					17		3																			9		3		1		5		7	3						1		1		49	26.52
Vovember			2		1																		.			•••	••••			••••				5				1	•••	-		1	0							1	•	1	(2)	2002
Devel	•••		0	•••	1	•••	••••	••••		•••	•••		+		3				• •••		•	[.	•••				•••	•••					2		••••	1		3		е С	2	11					••••	1			3		1 9	2710
December	• • •		6	1	•••	•••	••••		3	••••	•••		10		1	••••					•	.		••••	•••		• // •							1		2		••••		4	1	12	2				3		••••			2	++	27.78
Tota!	•••	8	31	8	17	2	1		11	2	2		82	4.3	1 7			1		10)	1.		2		••••		2	• 1				7	119		17		15		64	14	100	20				3	3	2	2	11	13	496	26.10

MORTALITY RETURNS, 1872.

(Estimated Population, 23,000).

f

1872

January

February

March

April

May

June

July

August

reptembe

October

November

December

Tota

-											SP	ECH	FIC	FEB	BRIL	Е, С	OR 2	ZYM	LOTIC		ISEA	SE	5.												TTIC.			TIC.				TIONAL.				MENTAL.									Loca	L.								Defined,			ING.	
-				S					Mı	ASM/	ATIC	OR IN	VFEC	TIOUS	s.											RHUEAL		ARIAL.		EREAL		SPTIC.		GENOUS	Paras:		:	DIETE				NSTITU				EVELOP	1013 13																	ied, Ill n.	ils.		000 Liv	
-							Not	TIFIA	BLE.										N	on-N	J OTIF	IABI	.Е.			DIAR		MAI		VEN		N N	_	Zoo		<u> </u>						Co			-	<u>م</u> ا	<u>-</u>	-				1			{			tive					ENCE.	Specif	DEAT		ък 1,	
-	Small Pox.	Measles.	Scarlet Fever.	Diphtheria and	Membranous Croup.	Frysipelas.	Puerperal Fever.	Tvohus Fever.		Enteric Fever.	Continued Fever.	Relansing Fever.		Cholera.	otal Deaths from Notifiable Infections Diseases	Allectious Diseases.	Jeath Kate from Notifiable Infectious Diseases.	Whooping Cough.		Innuenza.	Mumps.	Chisten Dov		Others.	Diarrhœa.		Dysentery.	Ague and Remittent Fever.		Syphilis, &c.	Pyæmia.	Senticæmia.		Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and	Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting	Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.		Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.		Lymphatic System.	Urinary System.	Male.	Female. Reproduc	- System	Parturition.	Bones and Joints.	Skin.	VIOL	All other Causes not and Un	Toral.		Death Rate P	
			-	_				}					_																			:											6							3	1	12	1	1	•••	1							2	9	4	8	25.04	
	••• ,		6			••		į.	1	1			1	•••	10	0			3 .	•••	•••		••	••••		•	•••		•	••••				•••									7					1		8	1	9											2	8	4	3	<u>22</u> ·43	
			3			••••			1	2			•	•••	1 4	6			1		•••			•••		••	•••		·	••••		•		•••	•••		••		•••			•	-		5			1		9		4		3									2	5	4	ā	23.43	
	1	1	3	1 -						1						6			2 .							1	•••		·					•••					• • •			•	1			, .				C		9	. 4	2		1							3	8	-1	4	22.95	- 1
		1	0			••		1		2		1				8			•							•••						• •		• • •				••••				1	9		1		••	2	•••	0				0	• • •									6		38	19.82	
	•••	•••	3	1	3	••	•••		•	3		•••	•																								1		•••			.]]	10					1		11				$2 \mid$	•••					•••							10 CL	
	••••		2		2.	••	•••		•	• • •			•	•••		+	•••	ľ					••	•••	.																		12		1	1 .		1		5	1	11	-	3		•••		. .					2	6	4	18	20.04	
					3.	••			•	•••				•••		3			2	•••					į	1	• • •		·	•••			•••										8		1	1				11	1	12	2	3		2		• •					-	6	5	60	31.30)
			4		2.	••			•	1			••			7			5	• • •				• • •	.		1	1	•	•••		1					•••	• • •					2	!		1		9		1		P	5	1,										8	3	54	28.13	3
			9		3	1				1					i	6			1			.	•••			6	•••		1	•••						·		•••				••	Ð	• • •		1.	•••	ت						C											5	47	24.52	2
			~									ł				2			4							8										. .		•••			•		3	1		2 .		2		9	. 1		5	0	•••			-	••••						2	10	20.87	-
	•••	•••	2	• • •		••••			••			1	(ļ															1													8	ļ •••	. '	7	•••	3		8			4	3				•	• • •							TU	20 01	0
	• • •			••						1		•	•		:	1		·	2	•••		•	•••			••••	• • •			1							1						3			4		3		8]	1	4	2		1			•••					1	õ	58	30.20	5
	1	1	5		3 .					3		•	1	•••	1	4	•••		1			•	•••	•••		••••	• • •	•				•••	• • •	•••		•	, T	•••				1	G			3				9		. 1	8	2		1				1				3 1	2	70	36.5	<u>-</u>
	1	1	อี		1 .	• •	• • •			3		• •			1	.1										1				••••		••	•••			•	••••				2	1	0					16		10	1	5 10	02	29		(; .			1			1	8 8	1	595	25:8	-
Ī	2	3	35	5 1	8 .				2	16			2		. 7	78	3.3	9	17				• • •			17	1		1	1		1	•••			••	2	•••			3	2	84		1 2	10			1											1								

.

MORTALITY RETURNS, 1873.

(Estimated Population, 29,000).

		1	_							SPI	ECIFI	C FE	BRIL	E, OR	ZYM	OTIC	DISE.	ASES.									IC.		U			ONAL.			TAT.		1												ed,		
									Miasm.	ATIC C	OR INF	ECTIOU	us.								RHEAL	LARIAL.	EREAL.		SPTIC.	ENOUS.	Parasit		Dieteti			STITUTI			ET ODNE							Loca	AL.		•				III Define		-1VING.
							Noti	FIABLE	š							Non	-Notii	FIABLE	•	ļ	DIAI	MA	VEN			Zooc					1	Con		1	Dev													_	ified,	vn. rus.	000
		Small Pox.	Mensles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	otal Deaths from Notifiable Infectious Diseases.	eath Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	gue and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	nanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheuniatism, and Rheumatic Fever.	Cancer.	Puthisis and Wasting Diseases, Others, e.e., Diabetes,	Rickets, Leucocythæmia.	Birth Debility. Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	arturition.	Bones and Joints. Skin.	VIOLENCE	All other Causes not Speci	Torat DEAT	Двати Катв евк 1,
1873			•	1									[<u> </u> 			<u> </u>	<u> </u>													1									-		1			
anuary			• • • • •	2	5	1		1	1		•••	••••	10		1				•••	1								•••	•• .		1.		2		4	1		6	1	13	6		••••	•	1.	•••••••••••••••••••••••••••••••••••••••			. 6	53	21.93
ebruary			• •••			1				•••		•••]		1					1							•••						5 .		2	5		8	2	14	1								. 8	48	19.86
arch		2		3]	3				8		3						1										1.		3 .	.		2		5	1	18	5						1	.]	1 9	57	23.58
pril			. 1	$\overline{2}$					1	••••			· 4					•••					1										L1 .	[2	2		5	1	20	1		2]			•••		1 4	4 54	22.34
ay		1	3	1					1	1			7	· · · · ·	2					2													16.		6	2		11	2	16	4					1	1		I S	3 74	30.62
ne		1	3	4	1			1		•••			9		1	1									-							1 1	6		1 1			12	2	13	5								2	66	26.96
		2	1	2	1				2	1			9		5	1				1													9		1	1		10	-	8			•••	•••		1		•	2	1 55	0.0.75
197155			3	1	1.	ļ			1				6		1			1		16											1	·· 1	 		2		····	7		9				•••		T	••••				2210
otombor.		••		ž	-	•••			-				G		1		•••				• • •										1	1	o . _	;•	ə	• • • • •		1	1	3	2					••••			2	9 94	22.94
premoer	• = •			.) 	1					· •	••• (0		••••		· • • •			6					••••	••••						2	7 .		2				1	11	2				1				2 2	2 50	20.69
toper		1	1	2	2	•••				••••	•••	•••	. 7		1					2												2	7 .		6	2		5	3	9	5		1					1		2 53	21.93
wember		• • • •	2	7	3	1	••••	···· '	4	••••			17		2		••••									•1••						1 1	10 .		8	2		16	1	15	7		1	•••					õ :	2 87	35.60
cember	• • •	2	5	1	• • •	1		1		••••			10		1												1			1		1	6 .		13			6	2	15	2				3				3	3 67	27.72
Tota!		9	19	30	13	4	••••	3	14	2	•••		94	3.24	18					30			1				1		••••	2	3	8 1	103 .		48	l 17		98	17	155	40		4		5	2	2	1 2	1 4	7 718	24.75

0

Ð

r .

.

MORTALITY RETURNS, 1874.

(Estimated Population, 33,000).

. Li

Febru

Marc

April

May

Jale Jay

Augu

>-pt+

(stol

Note

These

			1								SPE	CIFIC	FEBR	RILE, O	OR ZY	MOTIC	DIS	EASE	s.								crc.		10.			IONAL.				ENTAL.													fined,			.:
			-				_		M	Liasma'	TIC OR	INFEC	TIOUS.								RHUEAL	ARIAL.	EREAL.		PTIC.	ENOUS.	ARASI7		Dietet	t		STITUT				/ELOPM						Lo	DCAL.						III Del			LIVING
No. No. <th></th> <th></th> <th>1</th> <th>-</th> <th></th> <th></th> <th></th> <th>Notifi</th> <th>IABLE.</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>NO</th> <th>oN•No</th> <th>TIFIABI</th> <th>LE.</th> <th></th> <th>DIAR</th> <th>MAL</th> <th>VENI</th> <th></th> <th>SE</th> <th>Zoog</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Con</th> <th></th> <th>1</th> <th></th> <th>- DEV</th> <th>_</th> <th></th> <th>cE. ecified,</th> <th>nwn.</th> <th>EATHS.</th> <th>: 1,000</th>			1	-				Notifi	IABLE.							NO	oN•No	TIFIABI	LE.		DIAR	MAL	VENI		SE	Zoog						Con		1		- DEV	_												cE. ecified,	nwn.	EATHS.	: 1,000
a b			mall Pox.	Measles.	urlet Fever.	bhtheria and ranous Croup.	rysipelas.	peral Fever.	phus Fever.	teric Fever.	tinued Fever.	upsing Fever.	Cholera.	iths from Notifiable tious Diseases.	tious Diseases.	oping Cough.	Mimucika	Munps.	Others,	Diarrhœa.	Dysentery.	d Remittent Fever.	iyphilis, &c	Pyæmia.	Septicæmia.	drophobia, &c.	Vegetable.	on, Starvation, and t of Breast Milk.	Scurvy.	Alcoholism.	Rheumatism, and eumatic Fever.	Cancer.	nisis and Wasting Diseases.	rs, e.g., Diabetes, .s, Leucocythæmia.	sirth Debility.	alformations.	Old Age.	special Senses.	culatory System.	spiratory System.	igestive System.	mphatic System.	Jrinary System.	le.	ale. Reproducti System.	rition.	ones and Joints.	Skin.	VIOLEN other Causes not Sp	and Unkr	Toral De	Death Raite per
state state <th< th=""><th></th><th></th><th>S</th><th></th><th>Scr</th><th>Di_r Mcmb</th><th>H</th><th>Puer</th><th>Tyl</th><th>En</th><th>Cont</th><th>Rela</th><th>C Loto</th><th>lotal Dea Infect</th><th>Infect</th><th>Who</th><th></th><th></th><th></th><th></th><th></th><th>Ague an</th><th></th><th></th><th></th><th>Hy</th><th></th><th>Inaniti Wan</th><th></th><th></th><th>Gout, Rh</th><th></th><th>Phth</th><th>Othe Ricket</th><th>H</th><th>IN</th><th></th><th></th><th>Cir</th><th>Re</th><th>Ā</th><th>Ly</th><th></th><th>Ma</th><th>Fem</th><th>Partin</th><th>R</th><th></th><th>All</th><th></th><th></th><th></th></th<>			S		Scr	Di _r Mcmb	H	Puer	Tyl	En	Cont	Rela	C Loto	lotal Dea Infect	Infect	Who						Ague an				Hy		Inaniti Wan			Gout, Rh		Phth	Othe Ricket	H	IN			Cir	Re	Ā	Ly		Ma	Fem	Partin	R		All			
N 2 2 5 2	₹ī÷			1												İ				1			İ									•									4											
ary 2 1 3 1 8 1 1 1 <t< td=""><td>ry</td><td></td><td>2</td><td><u>.</u></td><td></td><td>5</td><td>2</td><td>••••</td><td></td><td></td><td></td><td>•••</td><td>•••</td><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•••</td><td></td><td>•••</td><td>7</td><td></td><td>1</td><td></td><td>2</td><td> 1</td><td>3 </td><td>.] 4</td><td>- 2</td><td></td><td>•••</td><td></td><td>• • •</td><td>• • •</td><td></td><td></td><td>-<u>+</u>]</td><td>5</td><td>07</td><td>24.00</td></t<>	ry		2	<u>.</u>		5	2	••••				•••	•••	11																•••		•••	7		1		2	1	3	.] 4	- 2		•••		• • •	• • •			- <u>+</u>]	5	07	24.00
3 2 1 1 5	ary		<u>·</u> 2	1	1	3	.			1	• • •			8		1 .								1		2 .							12		3		3	1	3	1 14	6			•••	••••		1	·		ō	70	25.45
	1		3	2	1	1			}	6	•••	•••		13		3.					•• •				1							1	11	1	8	1	1	1	2	1 25	5 4	ł	. 1		1	1	•••		3	õ	93	33.81
1 8 1 8 1 <td></td> <td></td> <td></td> <td></td> <td>5</td> <td>5 '</td> <td></td> <td></td> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td>13</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1 .</td> <td></td> <td></td> <td></td> <td> .</td> <td>1 .</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td></td> <td>11</td> <td></td> <td></td> <td> 1</td> <td>4</td> <td>2 22</td> <td>2 1</td> <td>l </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>10</td> <td>90</td> <td>32.72</td>					5	5 '			1	2				13		1					1 .				.	1 .							10		11			1	4	2 22	2 1	l							-	10	90	32.72
1 3 1 2 1 1 1 1 <t< td=""><td>• • •</td><td>• • •</td><td></td><td>· · · ·</td><td>2</td><td>Ŭ</td><td>i</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td>12</td><td></td><td>- · </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>13</td><td></td><td>5</td><td></td><td>1</td><td>]</td><td>11.</td><td> 10</td><td>6 6</td><td>3 </td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>7</td><td>75</td><td>27-27</td></t<>	• • •	• • •		· · · ·	2	Ŭ	i					1		12		- · 																	13		5		1]	11.	10	6 6	3							1	7	75	27-27
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	• • •		-		0		···· ·			1	•••	•••	• • •	10				••• •			1												14		3		2]	L-1	3 10	: 6 -1	£	 • •••		2	1				11	93	33.81
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			1	۱ ··· ۱	3	1	l r	2	2							11 .		••••••	•••			•••	•••	••••••		· [·	•••		· · · · ·				5		6		1		7	3 1.	5	2			1				1	13	74	26.90
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		• • •			2	1	.		1	2	••••		••••	6		3		··· į :		••	8.	· ·			•• ••	·· ·			1						~	•••		••••	1.0			2				1				11	7.5	27.27
nber 1 33 1 1 <td>t</td> <td>•••</td> <td>•••</td> <td>1</td> <td>4</td> <td>••• </td> <td>1</td> <td>1 .</td> <td>· • • · ·</td> <td>$2 \mid$</td> <td>•••</td> <td>••••</td> <td>••••</td> <td>9</td> <td></td> <td>3</td> <td>•••</td> <td> .</td> <td> .</td> <td>•••</td> <td>5.</td> <td></td> <td>- 1</td> <td>11</td> <td></td> <td>Ð</td> <td>••••</td> <td>3</td> <td>···· · ·</td> <td>12 .</td> <td></td> <td></td> <td>. 0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.1</td> <td>31-18</td>	t	•••	•••	1	4	•••	1	1 .	· • • · ·	$2 \mid$	•••	••••	••••	9		3	•••	.	.	•••	5.											- 1	11		Ð	••••	3	···· · ·	12 .			. 0									0.1	31-18
$ \frac{1}{1} + 1$	uber		1		33	1	• • • •	1 .	• 7	•••	•••		• • •	36		1 .	••• •	.	••• •		4 .			1	1							1	12		3		3		8.		9 4	+	.			1.				ย	94	04 10
aber 34 $$	er			•	31	1	•••	1	1	•••			•••	34		••••		••••	.		1 .											1	. 3	1	2	1	3		8	4	9	1					1		1	13	83	30.18
ber $23 \ 2 \ 1 \ 1 \ $	iber				34				••••••		•••			34		3 .													1				6		1		1	•••	11 .	1	$2 \mid 0$	6			4				4	6	88	32.00
	ber				23	2	1	1						27																			10		8		1		12	4 3	8	3				1			1	17	1.2.2	44.36
	- F			- 1	1.15	-20	5	6		16					G.E1		-							9	9	2 -				-			114		56		24		35	18 20)0 4	.2			7	5	2		20	120 1	024	31.03

MORTALITY RETURNS, 1875.

(Estimated Population, 36,000).

										SPE	CIFIC	FEB	RILE,	OR 2	YMOTI	C DI	SEASI	ES.								i	IC.					ONAL.		l	NTAL.														ed,		
							Norn	I	Miasma	ATIC OF	r Infe	CTIOUS		1	N	Ion-No		BLE.		A D D H (C A T	АККНОАТ	ALARIAL.	ENEREAL.		SEPTIC.	OGENOUS.	Parasit		DIETETI			NSTITUTIC			EVELOPMEI							Loca	L.						l, III Define		LIVING.
1575		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipcias.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c. Zo	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer. Dhthics and Wasting	Futusis and Wasting Diseases.	Utners, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility. Malformations. D	. Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System. Parturition.	Bones and Joints.	Skin.	Violence.	All other Causes not Specified and Unknown.	TOTAL DEATUS.	DEATH RATE PER 1,000
a uary				9	ì	1			1			' -	12		.)		•			2	Í				9					1		1 1	2		6 1	3		16		40	3		1		1 1			2	11	1.0.0	10.66
eruary	 		1	9			1		1				12		3																	1 1	18		6	4		14	$\frac{1}{2}$	19	8		1						9	97	20.22
ireh	 		ī	8	2			• • •		.			17																			3 1	17.		9	3		12		29	4				1 1		•••	1	15	110	37:33
pril			ī	8	1			2	3.				21		3					1												3 2	20 .		3		Ì	11	3	29								•		116	38.66
ay	 . 1		6	18			1 .		.	+ • • • • • •			25		3					1												1	11 .		2			13	1	22	5		1		1	1		. – .)	9	98	3.9.66
ILE			2	1	1.	1	1 .	• • •	3.				8		1								1									2	9		1	1		111	2	9					1 1	ŀ)	9	58	19.38
dy]	1	1.	'	1 .	•••					3							10	1											3]	10		2		1	17	1	17 +	1					3]		1	17	86	28.66
uzust		- • • •	+	2	1.		1.		[.			2	6		4		.	.		11	1								1			1 1	16.		1	1	İ	13		10	1							• • •	-	7+	21.66
Itember				3.		•••		•••	5.		••••		8		6	• • • • •	.	.		10													13		2	3		5		5							1	1	0	56	18.66
tober		- • • •		1.			•• •	•••	3.	•••••			4		1	.				1									-				11		1			4	1	18	2								- 9	46	15.33
wender				2	1.	•• •	1.	•••	3 [.		7		2													1				1	4		9			14	1	15	7								6	70	23-33
זפערונ יכא	 1.	••••	• •	1	· 1 .				1	•			3																		1		12		3	2		6	1	35								5	8		25.66
Total	 •	2	3 6	3	9	1	6	2 2	20	•••	•••	$2 1 \rangle$	26 3	•50 2	5	• • • • •		•		36	2	•••	1		2		•	,1	1	1	1	16 14	53	1	45 1	21	•••	136	13	238	31		3.		4 :	3 2	1	23	125	1012	28.11

• MORTALITY RETURNS, 1876.

(Estimated Population, 40,000).

										SPEC	CIFIC	FEBF	ILE,	OR Z	YMOT	C DIS	SEASE	cs.									TIC.		LIC.			LIONA			IENT,)efined			.9N
								Mi	IASMAT	TIC OR	INFECT	rious.								RHŒAL		ARIAL.	EREAL.	JILa		SUOUS	PARASI		DIETE			NSTITU			ev elopa							Loc.	AL.						ed, III E	ź		00 11/1
	-					N	Notifl	ABLE.						T	1	Ion-No	TIFIAI	ILE.		DIAR		MAI	VEN	Ű	5	Z000				1		Co	1	1	<u>D</u>		1			ł					tive .		1		ence. Specifie	DEATH		ER 1,0
		Small Pox.	Mcasles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Krysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	otal Deaths from Notifiable Infectious Diseases.	eath Rate from Notifiable Infectious Diseases.	Whooping Cough.	Inflúenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alconotistit.	Rheumatic Fever.	Cancer. Phthisis and Wasting	Diseases. Others, e.g., Diabetes, Distant I encouthamia	Ricch, Leucocymania.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproduct System	Parturition.	Bones and Joints.	Skin.	All other Causes not S	Toral 1		Death Rate P
1~76	-			1	-							[1			•		1										1			1.4		5	1		11		3.1	1		1	1			1		2 7	9	$\frac{2}{2}$ $\frac{2}{2}$	7.60
January			. 	1	-1	i	• • • •	1	1	• • •	••••	•••	8		3	••••				1		• · · •			•••			• • •	•••						5	1	,	11		18	3		1						3	7	8 2	3.40
February		•••	• • •			1 :	• • •	1	1		•••• {		3	•••	6					1			2	• • •			***	•••			••••				5	1			1	19	6								1	7 7	4 2	1.70
March	• • •				• • •	••••	!	2		•••	• • •	• • •	2		5					•••							• • • •	•••			••••	1	10	••	9	2		. 14	5	14	7		1			1			1	ī ī	4 2	1.70
April			•••			••••	• • •	1		····]		•••	1							•••							••••				•••	L	11		3	2 0		. 13	1	18	. 2		1						2	7 7	8 2	3.40
May	•			Ş	<u>·</u> 2	• • • •	••••	1				•••	6		3			••••		1	• • •							••••				•••	14		4		1	. 10	2	8	2		1			•••	••• }		2 1	6 (52 1	.8.60
June	•••	• • •				•••-	•	• • •	1	•••	••••	• • •	1		1	••••								••••								•••	18		5.			20) 1	8	2		2		1				1	9 10	00 :	30.00
July	• • •			11	•••	• • •	• • • •	1	2	• • •		•••	14			•••				16								• • • •			•••		14	1	8.		1	19	2	8	1				· • • •	1			$2^{+}1$	4 3	89 :	26.70
August	•••		'	1	1	··· 1	• • •	1	1	••• ‡		•••	7			••••		•••															16 .		4		1 .	10		10	1		1						1	5 (65 1	9.50
september		•••	2	ī	1	• • •		•••	2+	•••		•••	12			••••		• • •	•••									••••					10	1	1.				3 3	3 15	2]	.1	66	19.80
October		• • •	1	5	• • •			1	1	1	•••• !	••••	9						••	4				•		· · · ·			•••				6		- <u>+</u> .		2.	14	L 4	16	4		1						1	8	71	21.30
November	• • •	• • •	1	8	2^+	1		•••	1	••••		•••	13			••••		•••	•••														17				1.	1:	3	. 18	3		2			1			1	11	80	24.00
December		•••	••••	7	1+					•••			81	 2.10				•••		37			-	 - 3		· · · · · 2 · · ·				1		-1	158	2	53	6 :	20 .	15	51 2	2 180	6 34		. 11		1	3	1		20 1	09 9)29	23.22



τ.

MORTALITY RETURNS, 1877.

(Estimated Population, 43,000).

		ļ								SP	PECIFI	IC FE	BRIL	E, OR	ZYM	OTIC	DISE	CASES	s.		_							IC.		IC.				ONAL.			NTAL.									,					ed,			
									Miasm	MATIC	OR INF	FECTION	US.								RHŒAL		ARIAL.	EREAL.	ULLA	PTIC.	ENOUS.	ARASIT		ОІЕТЕТ				TITUTI			ELOPME							Loca	L.						ll Defin			IVING.
							Nor	IFIABLE	E.							Nor	••Noti	IFIABL	.E.		DIAR		MAI	VEN	ъ С	S.	Zoog	H	11.00		•		(CONS			DEVI														: fied. I	hu.	CHS.	000 T
		Small Pox.	M casles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others .	. Outers.	Diatrinca.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENCE All other Causes not Speci	and Unknow	TOTAL DEAT	Dеати Кате рек 1.
1877									<u>,</u>						İ			•		İ	•	Ì	-															Í												Ì	İ	İ	Ì	
January	•••		. 7	6	3		•••		3	••••			19		4		• • • •		. *]	1	1 .	•••									1		1	16	1	5	1	2		18	6	34	5	•••				1 .			l I	5 13	22 3	34.04
February	• • •	• • •	8	4	2		1	1	3			•••	19		3						1 .			2	••••	1		••••	•••	•••	1			8		3	••••	3	••••	10	2	28	3			.		1 .		.		4	89 1	24.83
March	•••	• • •	8	3	3 ,	1			2			• • • •	17		3			••••			1 .	.								• • •		1	1	14	••••	6		1		18	4	31	5	••••	1				••• •••		2	3 1	08	30.13
April			9			••••	•••	1	1				11		7				.		2 .	.								• • •			2	11	1	2	••••			21	5	24	5			•••					2.		93	25.95
May	• • •	· ···	21		•••• ,	1			2				24		4						1 .										1]	23		4	1	5		14	5	27 $^{'}$	2			•••					2	2 11	15 3	32.09
June	• • •	1	9		2	•••		1	1				14		1	:					1 .			1						• • •	•		2^{\dagger}	16		5		3		12	1	12	1	••• •	,			•• .			2	1	72 :	20.09
July	• • •	• •	5	2	1		••••		•••				8		1						3.												1	16	· • • •	8		4		11	5	8	3	••••	. 1 0	•• •				. :	2	2 '	72 1	20.09
August				1	2	•••	••••	•••			+		3		l						4 .									• • •	•••	•	3	20		4		1	•••	17	2	8	6				•• [.				$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$.		70	19.53
September					3	1		• • •	1	۱ . • • •		•	5		3						2 $+$.												1	13	 	8	1	2		5	1	15	2		•• •	••	1	1 .			2	2	54]	17.86
October			1		4	•••			1	1			7		3						1	1				1			1					19		2		3		14	2	21	9					1			5	2	92 6	25.67
November				1	2				1				4		1																		1	7		8		Ū		12	3	<u>.</u>	5		1			-					7.0	20.00
December		1	1	1	?			1			1		2)		• • •				•		••••										0	1.0		5	• • •		•••		2	20	7	• • •	1	••••••	•••	1	·· ··		1	2	Q1	20.00
			••••						•••	•••	· • • •	•••		•••						•	•• •	••		••••		•••		•••	•••	•••	•••				•••	0	• • •		•••	0	0	29		• • •	4		•••	1	1	•	1	3	- 10	22.00
Total	• • •		68	18	24	3	1	3	15	1	• • •	•••	134	3.11	33		•••		1	. 1	7	1.		3		2			• 1		3	1	14	175	2	60	3	24	1	60	39 2	59	53		6		1	5	1	. 2	4 2	28 1	050	24.41

* Cerebro-Spinal Fever.

.

.

.

MORTALITY RETURNS, 1878.

(Estimated Population, 45,000).

									<u></u>	S	SPECI	FIC F	FEBR	ILE, C	R ZY	MOT	IC I	DISEA	SES.									IC.		j.	ڒ			ONAL.			NTAL.									,						d,		
									Міа	SMATI	IC OR I	NFECT	ious.									RHUEAL	ARIAL.	SREAL.		TIC.	ENOUS.	ARASIT		летет.	12121			TITUTI			LOPME							Loc	AL.							l Defin		VING.
							No	OTIFIA	BLE.							I	Non-1	Notifi	ABLE.			DIARI	MAL	VENE		SEI	Zoogi	A			-			Cons		1	DEVE															fied, Il 'n.	.HS.	000 L1
		Small Pox.	M casles.	Scarlet Fever.	Diphtheria and Membranous Croun	Frysipelas.	Puerperal Fever.	Typhus Rever	Enteric Fever.	Continued Former	Commuea Fever.	Netapsing rever.	Cnolera. Fotal Deuths from Notifiable	Infectious Diseases. Death Rate from Notifiable	· Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and	Rheumatic Fever.	Phthisis and Wasting	Diseases. Others, e.g., Diabetes, Dislated Tomonthamis	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENCE	All other Causes not Speci and Unknow	TOTAL DEAT	Dеатн Кате рек I,
1878										_														1	İ	1		1				Ť				-																		
January	• • •	• • •	. 1	• • •	5	• • •	1	1	•	2		•• •		9.		4		.:.	••••	•••	1			•••			•					1.		1	.1	. 2	2		• • •	12	•4	29	4		1	•••		• • •	2		2	2	84	22.40
February	• • •	ļ		3	2	•••	1		.			•• •		6.	•••	10	••••	•••			•••	1		• • • •									1 .	•••	9	. 6		1		13	-1	22	7		1				•••		2	1	84	22.40
March	• • •				1	!	1	L	•	1 .			•••	3.		7			1		•••	, 1												1	L7	. 6	5	1		16	1	18	5	••••	1	••••	••••			1	1	3	82	21.86
April			1	• • •	3	$\frac{1}{1}$ 2			. :	2	•• •		•••	8.	•••	10		•••			2					•	l						• • • •	2 1	16	. 11	l			16	4	16	3		• • •		•••	1	1		3	2	96	25.60
May						• • •		.	.	•	••	·· ··	•• •			6	:		• • •		3	••				• • • •							1	4 1	11 .	. 9)			17	3	20	3	••••	2	••••	•••		••••	••••	3	3	85	22.66
June	•••		••••		1			. 1	.		•••			2.		13					2	1											2 .	1	L7	. 2	2	1		11	4	8	• • •		1				1	• • •	2	2	69	18.40
July	• • •		7					.		1	1 .			9.		7	••••			• • •	9					• ••								. 2	23	. õ) 	1		13	2	5	3]		2	•••		1	1	81	21.60
August		• • •	5	•••	1	1		.	:	2	•••	.		9 .		12	••••	••••			5			. 1		•								2 2	27 ;	. 8	3 1	4		5	3	9	3						1		• 5	3	98	26.13
September	• • •				1	1			:	2		• •		4.		5	•••		• • •		5	1												1 1	l1 [°]	. E	$\mathfrak{I}_{ }$	1		14	5	12	8		3		1	• • •			2	3	81	21.60
October	• • • •	,	2		4	• • •		1						7		7			•••	• • •	1												••••	. 1	16.	. 7	7 2	1		10	3	27	, 5		2		1	1	1		3	3	97	25.86
November				1	1					• ••			•	2 .		3					2	1		1				• • • •				1.		. 1	1	1 8	3	2		11	2	30	6		1		•••			• • •	1	1	82	21.86
December	• •	•••	2	6	1]		1		. 1	.1		5															•••	1	1	•••	7.	. 8	5	2		14	8	36	3	•••	1		•••		1		1	4	100	26.66
Total	•••		18	10	20	-1	3	2	11		2	• • • •	. 7	0 1.	55 8	39		• • •	1	• • •	30	5		2	•	. 1				• •	• •	3	5	9 17	79	1 69) 3	14	••••	152	43	232	50	•••	13		2	4	7	1	26	28	1039	23.08

MORTALITY RETURNS, 1879.

(Estimated Population, 43,000).

	i					e							FRRI					SEAS	SES.										ئ						DNAL.			NTAL.	1													fined,		, ii	
									MIAS		COR II	VFECTI	LIDIKI					·				HUEAL	1	KIAL-	REAL.	ric.		NOUS.	ARASITI		IETETI				11.0.1.11.5			ELOPME						L	OCAL.							, Ill De		LIVING	
							Nor	TFIABI	E.								Non·N	OTIFIA	ABLE.			DIARRI		MALA	VENEI	Ser		ZOOGE	P	Ċ.	н				Cons			DEV				1			Į		ve				ICE.	becified nown.	EATHS.	s 1,000	
	1	Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Rever.	Continued rever.	Aciapsilis revei	Unotera.	Infectious Diseases.	eath Kate from Nothable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	harmed a	Ague and Keinittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System. Resolvatory System.	Directive System.	Lymphatic System.	- Urinary System.	Male.	Female. Reproductiv	Parturition.	Bones and Joints.	Skin.	Violen	All other Causes not Sp and Unkr	Torat Di	DEATH RATE PER	
1879	ļ			!			 					+	E		а 				•				1											1	18		7		ż		17	3	27	3.							, i	:3	109	30	41
January		• • •	10		2	•••		• • • •			••			12		14	••••						•••			• • •		• • •							18		4	1	4		15	3	29	5.		1.			1		. :	2 :	113	3 31	·53
February			7	2	1	1	2		1		•• •	•••		13		13			•••							•••	•••							1	20		6		1		11	2	26	2		1 .			1 1	1		4	3 113	3 31	•53
March			13	3	3	• ••	• ••	• • • •		1 .	·· ·		•••	20		14		• • •				•			• • •	•••	•••						1		. 18		5		1		12	5	15	2					1]	1		4	1 8	3 22	2.46
April			8	••••	1	:	•	1	•	1	1 .		•••	12		õ	••••	•••	• • *			•					•••						1	4	19		2	1			8	2	18	7		2	.			1	••	6	3 8'	7 24	27
May			ī	•••	1		•				•••		•••	8		3	1	• • •				1				•••									21		5	1			10	3	15	6	••••	1						2	4 7	7 21	1.48
June	• • =		3	•••		· ··		•	3	1 .	•••		•••	7	••••	1	•••	•••				1 •2				••••									14	1	2		3		7	7	9	5				1	••			1	1 5	4 15	5.07
July	• • •				• · •		• ••		• ! • •	•• •		•••	• • •		•••	•••	•••					.,				••••								2	9		3	1	1		13	1	5	4					2			2	2 4	$7 \mid 13$	3.11
August		•••			1	· · ·			• •	•••		•••					•••					·	2 + •										L		3 13	3	4		3		9	6	16	4				1		••		3.	6	7 18	3.69
September		• • •			1	L			•	1	•••	•••	•••	2	•		•••	•••		• • •		ມ ວ			•••										1 13	3	. 1	1			8	3	9	'4			•••		1.			1	5 6	0 10	6.74
October	• • •		1	2		2	• ••		•	1	••••	•••	••••	6	••••	2	• • •				·						1								$1 \mid 10$	$3 \mid 1$	1 3		1		11	2	14	4						•••	1		4 6	64 I	7.86
November		• • •	1	1		2								4	•••		• • •		•••	• • • •				••••											. 10	3	. 1	1	3		10	3	31	1		1			2 .			4	5 8	38 2	1.55
December					1		2		1.	•••	••••	•••		4		6				• ••		••	•••	••••	•••					_			1	0 1	3 1	95 .	2 46	6	20		131	-10	214	47		6		2	8	3	1	30	34 90	62 2	2.37
Tota!			50	8	13	5	1	1	5	5	1	•••	•••	89	2.07	59	1				. 1	0		•••		····				•		-																							

MORTALITY RETURNS, 1880.

(Estimated Population, 46,000).

									S	SPECI	FIC I	EBR	LE, C	OR ZY	'MOT	IC DI	SEAS	ES.						•			CIC.		IC.			ONAL-			N'FAL.														led,		
				-			OTIFIA	Міа	ASMA'I'I	C OR I	NFECT	10US.				Non-Ne	OTIFIA	BLE.		ARRHEAL		ALARIAL.	ENEREAL.	Sever C		OGENOUS.	Parasit		DIETET			ONSTITUTI			EVELOPME							Loca	L.						l, Ill Defin) Living.
											1	4		<u> </u>						. <u> </u>		r. M	<u>></u>		 	Z0		q				<u> </u>			<u> </u>		<u> </u>							ve)			ICE.	ecified town.	SHTAE	1,000
		Small Pox.	M casles.	Scarlet Fever. Diphtheria and	Membranous Croup.	r.rysipcias.	Fuerperal Fever. Typhus Fever.	Rutaric Rever	Enteric rever.	Continued Fever. Releasing Ferror	Kelapsing rever.	Cholera. Fotal Deaths from Notifials	Infectious Diseases. Death Rate from Notifiah	Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Feve	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, an Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer. Duthicie and Working	Phthisis and Wasting Diseases. Others, e.e. Diabetes,	Rickets, Leucocythæmia	Birth Debility. Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male. Famala Reproducti	Female. System.	Farturntool. Bones and Toints.	Skin.	VIOLEN	All other Causes not Sp and Unkr	TOTAL DE	Death Rate Per
1880											_			1					İ		İ	Í	İ		Î									Ì			<u>†</u>							ـــــــــــــــــــــــــــــــــــــ				İ		İ	
anuary			•••	1.	•••••	••	•••		•••				1		10	••••				••••		• • • •				••••		• • •		••••	•••	1	14		3	. 3			4	23	5							4	1	80	20.87
ebruary				2	2 · .			$\cdot \cdot \cdot \cdot \cdot$			•• •	••	4		10			•••		2			••••				·		• • •	1		1	21		3			15	1	24	3	•••				•••	1 1	2	7	95	24.78
arch			õ	3	2	1 .	••	• •	•• •		·		11		15	•••				1												3	20	1	5	. 4		16	6	25 .	4	.		.		2	•• •••	. 5	5	120	31.30
pril			3	4				•	1 .	•• ••			8		7		•••			1	1		1							1		2	19	1	1			14	5	22 .	2	••••	1 .	.				5	3	94	24.52
ay				1		. .			2 .		••••	f ••	3		4					2													20 .		7	. 3		13	1	19	5	••••		•••		1			. 1	79	20.60
ıne			2	3	:	1	1	•	•			•••	7		4		1															1	16 .		4]	2		9	3	17	2	••• , •					•• •••	. 1		68	17.73
ıly			6			· .	••	1	1		•••	1	9		4	(6		· 							••••			3	21		9	. 3	 	9	2	11	3		1 .	.			2	. 2	2	87	22.69
igust			2	••••	1	1.					.		4		4					10	• • •			1				•••			1	··· 4	14	1	7			6	5	12	4		1 .		1				1	72	18.78
ptember .				3	2				1			1	7		3					7										2	••••		13 ; .	•••	5	1		3	3	10	4		1.		.		2	3	3	67	17.47
tober			1 .	2		. .		•	2 .				5		2					1												2	19	1	6	2		11	3	32	5			.				L 1	3	94	24.52
ovember .	! • • • •		1 !	9	3				2				15		5			• • • •		1			1							2	•	2	14 .		11	5	1	18	2	21	7		4 .					. 2	4	115	30.00
cember .	1		1	1	1			•	1				4 .		7					1													11 .		9		·	9	4	21	4					1	1	. 1	3	76	19.82
Total .			21	29 1	1	3	1	1 1	0	•• ••	• •	2 '	78 1.	69	75		1			32	1		2	1			· · · ·			6	1	11 2	202	4	70	1 23	1	134	39	237	48	••••	8.	•••	1	4	6	2 26	33	1047	22.76

a final second second second second

1

.

1

N

J

A

3

00

D

· · · ·

.

.

BURGH OF GOVAN. _____

MORTALITY RETURNS, 1881.

(Estimated Population, 50,000).

																																				.i	1															
										SPEC	CIFIC	FEBR	RILE, O	R ZYM	IOTIC	DISH	EASES	ö.									TIC.		TIC.			TIONAL				MENTA						L	OCAL.						Defined			VING.
								Mı	IASMAT	TIC OR	INFEC	TIOUS.								HUEAL		ARIAL.	CREAL.	rTIC.		ENOUS	ARASI		DIETE			ISTITU				VELOP													ed, Ill		ŝ	00 LIV
							Notifi	IABLE.						Τ	No	N.Not	IFIABL	.е.		DIARF		MAL	VENI	SEI		Zoog		1				Cor				DE							1		tive .	1			ENCE. Specifi	known	DEATH	ER 1,0
										1			able	İ						1		ever.					-	ilk.			, and		ting	etes, æmia.				°s	e l	stein.	em	stem.	em.		system		ints.		VIOL	nd Un	DTAL	ATE P
				- 2	nd roup.		ver.	er.	er.	ever.	ever.		Notifi eases. Notifiz	eases.	0ugu.		00				ery.	ttent F	&c.	ia.	mia.	bia, &	ıble.	rvatior east M	vy.	olism.	natism ic Feve	cer.	id Was ases.	, Diab cocyth	bility	lations	Age.	Sense	s Syste	ry 35°	ve Syst	ttic Sy-	y Syst		Rei		and Jo	Skin.	Canse		Ĥ	ати R
		l Pox.	asles.	t Feve	aeria a ous C	sipelas.	ral Fe	us Fev	ic Fev	ued Fe	ing Fe	nolera.	s from us Dis from	us Dis	Auenza	samuy	I usto	Others	Liorrho		ysente	Remi	/philis,	Pyæm	epticæ	Irophol	Vegeta	of Br	Scur	Alcohc	Rheur eumati	Can	nisis an Dise	rs, e.g. s, Leu	Sirth D	alform	Old	Special	lervou	rculato 	igestiv	ympha	Urinar	ale.	male.	urition	Bones		1 other			DE
		Smal	Me	Scarle	Diphtl	Erys	Pnerpe	Typhi	Enter	Contin	Relaps	D	Denth nfectio h Rate	nfectio			Chi Chi	5				ue and	S		S	Hyd		nanitio Want			Gout, Rh		Pht	Othe Ricket	Ш	M			4	۾ 5 ا		L I		M	Fe	Part	Ì					
			1		Me								Total 1 Deat									Ag		1		<u> </u>		Fi 	·	·													-									
1881		1																								ļ						2	22		7		7		17	3 5	6	6				1	1		1	6 1	.49	38.04
January			3	1	1	2	•••		2	1	1		11 .		9 .						••••											2	16	2	4				18	5 3	8	3	.]]	1					1	6 1	.02	26.04
February					1			1					2 .		4.	.	.																15		9		2		13	2	35	1 .		2				÷	2	6	97	24.76
March			2						1				3		7			.														2	18		5	1	2		9	3	20	3 .		2	.	1	1		2	5	85	20.40
April		÷	1	1	1	••••	1	2	3	••••			9		1 .		.						1				• • •			•••			10		2			1	16	5	18	3.		1					4	4	72	17.28
Mav			3					2			••••		5		1			.					1										10		5		1		8	2	17	6 .		2		1				õ	86	20.64
June			8	3		•••		2	1		•••		14		1,.			.		1												3	19				1		16	3	20	6.			. 1		1		2^+	5	109	26.16
July			9		2			3	3	1		1	19		3					2	1						· · · ·						19	••••	0				10	2	22			1	. 1		·		6	1	95	22.80
Angust			1 8	8	1			1				1	19							2			1)	1				10		25 . 95 .								3	2	97	23.28
Sugast			3	6	4			1		: 	;		14							3	• • • •											2	17		10		2		10	4	20	т . 							5	3	105	25.20
September	•••			+ 2	8			2	5				20								·												9) 1	8				9		38	3	•			1			3	3	94	22.56
October	•••	•••• [1		9				-	1				14							3					1								12	2	6		1		15	4	26	4							9	1	107	25.68
November	• •) 	0	1	• • •	2	-	1			15		1					3	1											. 1	. 18	8	10	1	3		9	5	23	6	· · · ·		• • •	, I 			-	-		
December		ş ····	2	2	1		•••	0 	• • •	1										1.4					1			1		1	1	13	3 195	5 4	81	4	21	1	152	45	338	45		9.		2	5 3		38	47	1198	23.96
Total			42	27	33	2	1	18	16	3	1	2	145 2	2.98	27		••••			14	2	•••	3					1	1			1	11		<u>I'</u>			1														



BURGH OF GOVAN. 20 T

MORTALITY RETURNS, 182.

																				(Est	ima	ted	Po	pula	atio	n, 5	5,00	00).						i													, hed,				
		1								SPF	CIFIC	FEB	RILE,	OR ZY	MOTI	C DIS	EASE	s.									ric.		ric.			9				MENTA						Lo	CAL.						III Defir		Living.	
																				HUEAL		RIAL	REAL.		TIC.	ENOUS.	ARASI		DIETE) 				evelop													cified, J wn.	VTHS.	1,000	
							Noru	VIABLE				•			r	ION NO	TIFIAB	le.	_	DIARR		MALA	VENE		VEI	Zoog	H 					;										=			uctive em.			OLENC	ot Spe Unkno	∧L DE₁	Bau B	
										1			the	hle							8	ever.				ť		n, and lilk.			ı, and er.	sting	Sum5	betes, hæmia.	y.	ż		ses.	tem.	ystem	oystem.	System	rstem.		Reprod Syste		l Joint:		auses n and	ToT?	н Кат	
		Small Pox.	Measles.	Scarlet l'ever.	Diphtheria and embranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	al Deaths from Notifia Infectious Diseases.	tth Rate from Notifia Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	gue and Remittent F	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &	Vegetable.	Inanition, Starvation Want of Breast M	Scurvy.	Alcoholism.	Gout, Rheumatism Rheumatic Fev	Cancer.	Phthisis and we	Others, e.g., Dia Rickets, Leucocytl	Birth Debilit	Malformation	Old Age.	Special Sens	Nervous 3ys	Circulatory 5.	Respiratory 3	Lymphatic S	Urinary Sy	Male.	Female.	Parturition	Bones and		All other C		DEAT	
					M						1		Tota	Dea								Ā			<u>}</u>														11	6	23	3				1	1		7 1	99	23.	6
1882													12		2								1			1					1	1	13	1	12		2		10	5	10	5							3 3	87	20.	88
January			1	1	3	3		.2	3			• - •	10							2							1					1	17	1	5		1		12	9	10 01			1	1				7	1 94	22	56
February		• • • •			3		1	2	5			•••	20			•••				1							·			1			21		3		2		9	2	21					2	1		2	3 99	23	.76
March		 !	5	1	4	\cdot 2		2	6		•••		20	••••						1	1		 1								1	1	19	1	5		4		19	2	18	Ð	•••			1			2	2 8	5 20	·40
April				3	2		· · · ·	1	3		•••		9		3		••••	•••		T	1												20	1	6		1		13	5	23	ð	•				1		1	4 8	1 19	.44
May			1					2	1			1	4		1				••••		••••				.			1				1	16		2		1		15	1	20	1		2					1	3 11	5 2	i·60
June				1		1		1	1			1	5		4						• • •	4			•						1	1	23		8		2		21	2	20	9		••					6	4 10	5 2	5.20
July				1	1		1	1					4		9					11	*										2		20		4		1		8	3	19	9		.		.					5 2	0.40
August			2	2	3		. ···		2				9		7			•••		12	z • •											1	15		11		1		12	2	11	6		2 .		•			T	011	17 1	5.68
September				2	2				1				5		6		• • •			6	1				1			·				.1			. 7	7			15	7	27	4					1		9		02	26.00
October				1	7	2		1					11		11					1				•		1			.			. 2			, ,	7		2	11	1	1 35	2		1			1		3	2 1	20	07.07
Nouembor		1	6	1	4	1	1	4	2				19		16					2			.							•	•	. 2	2 19			9	1	2	20		$6 \begin{vmatrix} 25 \end{vmatrix}$	5 2		. 1			3 1		3	-+ 1	29	<u> </u>
November			q	1		2	1		2				18		26					2									.			. 1								C 4	0 06	1 58		8			9	5	. 44	29 1	205	21.81
Tota!			24	14	32	11	4	16	26	1		1	129	2.45	87		••••			39	2	2	2	5	1	1.			1 .		2	5 1	1 20	02	3 7	73	1 1	.9		0 4:	2 20						1	-	•			

MORTALITY RETURNS, 1883.

(Estimated Population, 59,000).

	SPECIFIC FEBRILE, OR ZYM											ZYMO	TIC D	DISEAS	SES.									lic.		IC.			ION AL.		ĺ		ENTAL.													ned,					
				MIASMATIC OR INFECTIOUS.																RHŒAL	ARIAL.	EREAL.		PTIC.	ENOUS.	ARASIT		Dietet			STITIT'				ELOPME						Loca	AL.						III Defi		LIVING.	
						P	Notifi	ABLE.								Non-I	Notifi.	ABLE.			DIAR	MAL	VEN		SE	Zoog	H					CON		1		DEV	1			1					<u>م</u>			- ei	cified,	THS.	1,000
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	F.rysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	. Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diahetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations. Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductiv	Parturition.	Bones and Joints. Skin.	VIOLENC	All other Causes not Spe	Total DEA	Death Rate per
1883														ĺ																										1 25										- 10/	20.20
January ·			10	5	2	1 .	•••	••	1	•••	•••		19		23	•••	•••	•••		1	2						•••	•••			•••	•••	21			6		. 18	6	25	; 3			•••	•••	1		, 3	2		29.20
February		1	2	1	2				2.	.			8		21			•••	•••		•		•				•••						16		5.	•• •	δ ··	. 17	4	29	5		2				1	. 1	1	1 110	24.00
March			5	4	3				2	1			15		13				•••	1		1	1									2	12		2 .	2		. 19	1	27	5	• • •						. 3	F	5 109	23.78
April			24	6		.					••••		30		7			•••												•••	1	••••	22	1	14	1	5	. 27	5	27	5		2		1	1		. 4	¢	5 158	34.47
Мат			41,	2	1	••••	.			••• .	· • • j		44	•••	3			•••			••••											1	26	1	7 .		.	. 23	5	41	5		1		2	4.		. 2	4	4 169	36.87
June			14			••••							14		3					ļ ļ		·									••••	3	16	2	5 .		5	. 15	8	24	5		1		2	2	1 .:.	. 4		3 113	24.65
July		••••	2	1	•	i ••• ;	1	•• ••		••• [•		1	4		3		•••		•••	2			2		 					1		1	28	1	7		2	. 13	2	12	6		2			1		. 3		2 9:	20.07
August			1	2	$2 \mid$	1 .		••	1 .				6		2			• • • •		5			1									2	14		10		2	. 11	8	8	5							. 2	3	1 77	16.80
September		;	1	6	2			1	2	1 .			13		5	••••				8			1										19		4		.	. 10	2	17	2	•••	5			2	2	. 2	3 1	6 98	21.38
October				11	3	9	1	1	1				19	·	2					3	1		2				ŀ					2	21		12			1 11	6	12	4		3	•••		3		. 3	3	3 109) 23.78
V. 1				10	1	1	2	1					17		-	;				9													14	2	6	1	3	. 11	2	16	3		3		1		1	. 4	ł	4 9:	2 18.72
November			1	10	I		<u>ب</u>	••	<u>م</u> .	•• •	•••	•••	11		2		••••	•••	•••		•••							,					10		Q		1	14	6	19	6		2				3		3	5 8.	2 16.67
December			•••	3	•••	1		• • • •	••••••	••••••			4	•••	1	•••	•••	•••			••••				•••				••••	•••	••••	•••	10.		0	•••	1	1'f		10		•••		• • •	• • • •						
Total		1	100	51	16	6	4	$2 \mid 1$	1	2 .	•••		193	3.38	85	•••	•••	• • •		22	3	1	7							1	1	11	219	7	81	2 2	6	1 189) 55	257	54		21		6	14	8		4 4 	4 13	43 22.76

,

BURGH OF GOVAN. ____

MORTALITY RETURNS, 1884.

1884

January

February

March

April

May

June

July

August

September

October

November

December

Total

(Estimated Population, 59,000).

•

Ī								S	SPEC	IFIC	FEBR	RILE,	OR Z	CYM01	FIC I	DISEA	SES.									_	TIC.		TIC.			TIONAL.				IENTAL.		•					¥)efined,			.9N
	MIASMATIC OR INFECTIOUS.																	RHUEAL	LARIAL.	EREAL.		EPTIC.		GENOUS	PARASI		DIETE'			NSTITU'				EVELOPA							LOCAL	20						ed, Ill E	. s		00 Livi		
	Notifiable. N												Non-	Notifi	IABLE.			DIAR	MAI	VEN	•	S.		ZOO	+			1		C				<u>n</u>													aona	specific	DEATE		ER 1,0		
	Small Pox.	Measles.	Scarlet Fever. Diphtheria and	Membranous Croup. Frysipelas.	Puerperal Fever.	Typhus Fever.		Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	otal Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Svohilis, &c.	Deriver		Septicæmia.	Hydrophobia, &c.	Vegetable.	Inaution, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, c.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System. Digestive System.	Discourse of anti-	Lymphatic System.	Urinary System.	Male.	Female. Keprouuc	Parturition.	Bones and Joints.		All other Causes not S	and Unit		DEATH RATE P
			1				i										•				İ							1				2	21	1	6		5		13	5 1	9 1	1 .	•••	1	1.		3	1		5 4	10	1 2	0.54
••••		3	3	$2 \ 2$;		• •		.			10		1										•• •								1	22	1	4	1	2		12	5 1	5 8	5	.			1				{	5 8	8 1	7.88
		1	5				•	2 .	••••	···		8		4									1.	.								2	10	-	2	1	3		13	1 3	30	6)	1			2	2 .		1	2 10	2 2	0.74
·		1	4				.	4 .		• • •		9	·:·	5									1.	.								3	10		10	1	2		13	2 1	7	5		5			1	1	1	4	2 9	8 1	9.93
			3	:	. 3	3	. .					7		6				:				. .	· ·									1	18	2	10		3		10		20	5		2			1			3	6 9	8 1	9.93
		4	1 3	2 1				1.		•••		10		1					1	2			2 .										12		6		2		19		20	0					1			1	8	32 1	6.67
 T	1			1							\			4					ļ	.	.											1	20	1	6				20	4	21	2										20 1	6.67
;	••• , •	1	••								1	1		12					4	£ 30								2	14	1	6		1		17	2	15	2	… [1						4.			0.70
	 1	1			· · · ·		•	••				6		7			1		1	2			1								·	3	22	•	9				10	2	13 .			2			1			1	3	92	8.10
			3	5	•	• • • •	• •	.	•••	(0							110				1		1								22	1	13		2	1	12	2	17	5		2						2	3 10)5	1.35
		1 .)	. 1			1	•••			9								7													25		6		1		14	3	15	7					1	1	1	1	3 1	00	20.33
• • •		1	3	3		.	•	$\left \begin{array}{c}2\end{array}\right $.				9		0						· · ·												1 . 1	18	1	5		3		7	3	24	5		1			1	1.		2	4	87	17.69
• •		4 .		L			•	1 .		•••	••••	6		2						2	•				L			••••					15		10		1		11	3	47	7		1						3	4 1	28	26.03
		8.	•••	2	2		-	2 .			•••	13		3						• .			1	1								3	19				T							17		- 1	- 11	6	2	27	36 1	163	19.70
		24	22 1	3 8	5 3	5	1	13 .	••••			88	1.49	52					3	7		1	9	1	2			1				17	228	8	86	2	26		161	39	253	50		17	1	1			_ 1				

MORTALITY RETURNS, 1885.

(Estimated Population, 55,000).

			SPECIFIC FEBRILE, OR ZYM											MOTIO	C DIS	SEAS	ES.										ic.		IC.			- VAT	UNAL.			NTAL.															eu,					
		-			MIASMATIC OR INFECTIOUS. NOTIFIABLE.											No	on No	TIFIA	BLE.			DIARRHUEAL	Malarial.	VENEREAL.		SEPTIC.		COOGENOUS.	Parasit		Dietet			CONSTITUTI	CONSTITUTI			DEVELOPME							Loc	L.						-1 11 Dafe	ed, 111 2011	1S.	00 LIVING.	
		Small Pow		Scarlet Fever.	Diphtheria and	Frysipelas.	Directional E.	r uerperal r ever. Typhus Fever.	••••••••••••••••••••••••••••••••••••••	Enteric Fever.	Continued Fever.	Relapsing Fever.	. Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infections Diseases	Whooning Couch.	Influenza		Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Svphilis, &c.	Præmia.	- Jamia Santioamia	UCPULATIAN	nyaropnoula, ac.	Vegetable.	Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, c.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	Viotence.	All other Causes not operating	TOTAL DEAT!	DEATH RATE PER 1,0
1885									•			ļ										à			1																			1						1						
January	••	• • •		6	2	8 1		•••••••		•••	•••	•••	•••	9	·	•		••		••••	••••	3	•••		•	•	•• -	•••	•.	•••	•••	••••		I	2_1	22	•••	7	1	2	••••	10	4	27	3	•••	1	•••	1	••• 、	•••		1	6	100	20.33
February	• •••		. (6 1	• - •	•	•	••	•• •		•••• [••••	7			1 .					1	•••	•••		· ·	•• •	•••		••••		••••		·•• [1	14	1	3	•••		•••	14	6	27	4			••••		1	2	••••	4	3	89	18.10
March		1	. 13	3 2	3	• • •		••••••	•	1	•••		•••	19		•	2					3	1			•							1	1	1	18		4	•••	3	•••	11	4	31	2	•••	1	1		2	••••			1	106	21.55
April			. 13	3	1	• • •		••••	• •		••••	••••	•••	14			2					•••					•• •			••••				1	1	21		6	1	2		13	2	28	4		2		1	1	1		4	6	110	22.37
May		1 ••	. 13	;	1	. 1		••••		1	1			17			4			1		1	•••											1	2	24	2	4		1		11	5	23	6		3						1	1	107	21.76
June	• • •		. 4	1					•	1	1	••••	• • •	7			9•							i		1.									2	19		5		2		10	5	18	4	•••	1		• • •	1			3	3	90	18.30
July		•	. 2	2 - 2	•	•••	 		• •		• • •	•••	••••	4			5					1											1	•••	1	14		3		2		8	4	19	4				1				1	2	70	14.23
August	•••	•••	. 1	- 2	1	•••			•	••	2			6			4					8											1		2	21		3		1	••••	16	1	16	9	•••	1				1		2	2	94	19.10
September		;	2	2	1	. 1			• •	•• ; •	•••			6			2					4														13		8		1		16	2	20	7						1		2	2	84	18.32
October			1	1	2	•••				3.				6			2																т			7		רר	3			9	2	28	8								т	Ţ	79	17.23
November				3	2	1		1						7							÷-	·	•••		•								1	•••			• • •	1				11		20	9			•••	••••				1	-	0.0	91.00
December			1	1 0	-	1				•••	••• }			•				• •			· 1	T	•••			•	•• •	•	•••	••••	••••	••••	••••	••••	2	25	• • •		•••	2	•••	11		91	9	•••	4			••••	4	••••	1	1	99	21.00
December.	• • •		L			••••		- •••	•	•• •	••			8		1(/ 	• •	•••		• • •	3	••••	••••		•		•••			••••	••••		1	3	19	••••	7	•••	1		7	6	25	3	•••	2	• • •	1	•••	1			G	102	22.24
Total			61	19	15	4		. 1		6	4	•••	• • •	110	1.93	4)			1	1	25	1		•	1.		•••					4	5	17	215	3	62	5	17		136	43	293	57	• • •	13	1	4	5	8		20	34	1130	20.54



MORTALITY RETURNS, 1886.

(Estimated Population, 55,000).

	SPECIFIC FEBRILE, OR ZYMOTI												IC D	ISEAS	SES.										TIC.		ric.			TIONAL.			IENTAL.														fined,		Ġ			
	MIASMATIC OR INFECTIOUS.																	RHUEAL	ARIAL.	1 V 04120	-T VOINE	PTIC.		SUOUS	ARASI		DIETE			ISTITU			VELOPM							LOCAI	L.						, III De		LIVIN			
		NOTIFIABLE. NON												Non-N	OTIFIA	ABLE.			DIAR	MAL	1 Maria		SE	7002	7000			. <u> </u>	_		Con		1	DE	1		1							ve			ICE.	ecified town.	SATHS.	1,000		
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Denths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Óthers.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Chillo 0	Dyramia	Senticemia	Jepucania.	Hydrophobia, &c.	Vegetable.	Want of Breast Milk.	Alcoholiem	Gout. Rheumatism, and	Rheumatic Fever.	Phthisis and Wasting	Diseases. Others, e.g., Diabetes, Diclease Lancocrithemia	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Keprouucu	Parturition. Bones and Joints.	Skin.	VIOLEN	All other Causes not Sp and Unkr	TOTAL DI	DEATH RATE PER
1886		-																								,							12	3			2		13	1	27	3		1		1	3		3	5	100	21.81
January				4	1	1	·			•••	• • •		6	•••	17				• • •				•	•	•	1	•••	•			•		. 10				5		10	5	20						1 1		4	9	137	29.89
February				4	•••	•••				1			5		24					1				1			••• .	·· ·	•••			•	. 1	()			19	0		Ť	•••	Ŧ .	•••				T	2	140	20.54
March				1	2				1				4		17					1	1				-						1	. 2		5	6	b	4		17	9	44	3	••••	••••		•• •	. 1		2	0	140	50.54
April				1									1		7												.				1	1	. 1:	3	. 4	E	3		18	2	16	4	••••	$\left 2 \right $	•••	1	1				76	16.98
Mar				1	1							 	. 2		3							.							.				$3 \mid 23$	8	. 4	4 1	1		15	5	22	4		3	.	••	$2 \ \dots$		1	2	96	20.94
Inno		1		3	2	1							6		2					1	 1	3	. 🛛 🤅	6			9	9	17	5	}	1		1 .			1	2	83	18·10
			· • • •	9	1						Ť		3		3					5											1	1	$2 \mid 1$	1	. 8	8	3	1	12	4	10	6	•••)	.			1	2	4	76	16.58
July					1	···			•••			•••	4		q					6							·					-	$2 \mid 1$	5		5 1	1		11	2	9	6		3		• • • •	9			4	75	16.36
August		• • •		1	2	1	•••	•••					*±		9		•••	•••					· ·				· [1	1	, 1		4 1	2		9	2	13	4		1	1				3		64	13.96
September	• • •		- • •	1	2	• • •	•••	•••	1	••••	- • •	•••	4		3		•••	• • •		4			1	1	.	•••••••••••••••••••••••••••••••••••••••		••	••••	•• ••	•••	1	· · ·	- · · ·		2			Q	9	23	7							4	2	79	17.23
October		, ···	· ···	1	4	1		•••	1	•••		• • •	7		6						.				.			••	.	•••••	···			.0		6			5		20	~	••••		1				2		66	11:40
November					1		•••	•••	1	• • •			2		2					1					.							•• ••	1	.0	•	$2 \mid 1$			6	2	29	G		••••	1				0		00	17 10
December		÷		3	4		1		1				9		2			•••			.				•••				••••	•••			1	1	1	2	. 3		14	2	29	1		2]		3		82	17.89
Total				22	20	4	1		5	1		• • •	53	0.94	89		• • •	••••		21		1.	• •	2.	•••	1					3	3 1	1 19	90	1 5	51	4 26		152	45	278	52		17	$2 \mid$	3	7	1	27	27	1074	19.52
•

MORTALITY RETURNS, 1887.

(Estimated Population, 54,000).

									SPE	ECIFIC	FEB	RILE,	OR Z	YMOTIC	DIS	EASES	•								'IC.		IC.			ONAL.			NTAL.													ed,		
								MIASM	IATIC O	OR INFE	CTIOUS	•						-	RRHŒAL	LARIAL.	VEREAL.		BPTIC.	GENOUS.	Parasit		DIETET			STITUTI			VELOPME					• ,	Loc	CAL.						III Defin		LIVING.
						Not	TIFIABI	LE.						NO	Nor	IFIABL	E.	<u> </u>	DIA	MA	VEI		ñ	Z00	1 1	,	1	1		Cor			DE		1		·		·	····						ified, wn.	THS.	,000
		Small Pox.	Measles,	Scarlet Fever, Dishtheria and	Membranous Croup, Frysipelas,	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough. Influenza.	Mumos.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Reinittent Fever.	Syphilis, &c.	Py:æmla.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheuniatism, and Rheumatic Fever.	Cancer. Phthisis and Wasting	Diseases. Others, c.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System. Réspiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Skin.	VIOLENCI	All other Causes not Spec and Unknov	TOTAL DEA	D ЕАТИ КАТЕ РЕК 1
1887																	Ī	İ										Ì		Í		1		ĺ		1												
anuary	•••	•••		2	3				•••	••••	•	5		3					•••		1	1	••••		••••	.	••		1	. 12	2	2		6	1	0	5 25	4				••••	1 1	l	1	1	79	17.23
ebruary		÷ • • •	9	1	1		1		•••]]	12		6													1	1.		1 15	5	6		2	1	.0	2 20	3				•••	1 1	1	6	2	91	19.85
arch		:	12		1		·			.	1	13						2			1									. 20)	5		1		9	7 23	•••					1	1	5	10	111	24.21
pril	••••	•	3.	•• •	2	1			••• !	••••		6		2				1	•••										1	2 21	l	12		3	1	4	4 30	•••		3	•••	•••	3	3	2	1	108	23.56
ay		1	16 .	2	2			1	1	··• ¦•	2	20		.0				1			1						.			1 28	8 1	6		4		13	4 32	6			•••	•••	1	1	1		130	28.36
ne			6	1			l	•	•••			7		0				ļ	•••	1							.			. 11	l 1	3		1	•••	7	20	5		1		1.		1	3	$\cdot 2$	74	16.14
ly		 	5	3 3	3		ļ	3			1	14		4				7									.	1		3 13	5	7		2	1	13	5 9	7					2			5	94	2 0·50
igust	• • •		1	1 - 1	l	••••		1			••	4		5	• • •		· · · ·	6	1		1	1					•••			1 28	8	4		2	1	16	2 3	2		2		••••	1	2 1	3	4	89	19.41
ptember				3 2	2		1	• • •		•••• :•	•	6		5	!			3	1			[']							1	1 10)	5	••••	1		8	3 9	1				••••	1	• •••	2	3	60	13.09
tober	•••			8 1	. 1		1	1	,	••••	1	12		1													.		1		£	6	1	3	•••	9	3 20	4		• • •						7	81	18.00
ovember		• !		4 3			2	••••	.		1	10		8				1												1 1	$1 \mid 2$	3		3]	12	4 23	4		2					3	2	89	19.77
cember			1	1 1	1			•		••••		4]]	2				1						:						14	4 1	3	1	1		7	7 30	3		2					1	5	92	20.44
Tota!	•••		53 2	$4 \mid 20$	3	1	5	6	1.	••••	1	13 2	2.07	9				22	2	1	4	2					1	2	4 1	.0 19	99 5	62	2	29	1:	28	46 244	39		12		1.	11 1	10 1	27	42	1098	20.33
		-	1						· ·	•		1			1	1											-				3											1						



1.1

.

MORTALITY RETURNS, 1888.

(Estimated Population, 55,000).

																													<u> </u>							1														
										SPE	CIFIC	FEBRI	LE, OR	. ZYM()TIC I	DISEA	SES.									TIC.		TIC.			TIONAL			MENTAL							Loca	. 7					-fned.			ING.
								N	IIASM/	ATIC O	R INFEC	TIOUS.								RHŒAL	ARIAL.	EREAL.		DITIC.	GENOUS	Parasi		DIETE			NSTITU			avel.OP1	1						LUC.						1111	eu, 111 -	IS.	00 Lav
							Noti	FIABLE.				•		T	Non-	Notif	IABLE.			DIAR	MAI	VEN		ភី	Z000				. 1	·	C		1	<u>`</u>	1	+	=						ive				ENCE.	known	DEATH	ER 1,0
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera. oral Deaths from Notifiable	Infectious Diseases. Death Rate from Notifiable	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Reinittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheuniatism, and Rheumatic Fever.	Cancer.	Phtnisis and Wasting Diseases. Others. e.c. Diabetes,	Rickets, Leucocythæmia.	Birth Debility. Malformations.	Old Age.	Snerial Senses.	Nervous System.	Circulatory System.	. Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. System	Bones and Joints.	Skin.	FIOTV	All other Causes not 2 and Unl	Total I	Деати Кате и
1888																	1				Í									1		16		5			6		26	5						1	2	3	83	18.44
January				. 2	3	•••	,1		•••	•••		• • •	6	. 8					1											1	•••	17		8		$\frac{1}{2}$. 8	3 10	21	3							2	1	81	18.00
February			. 5	2 1		•••					· • • .	••••	3	. õ													•••	•••				17		7		3	. 11	5	24	3		2		1.	1			5	101	22.44
March	• • •		. 1	. 4	3	• • •	1						9	. 9				· · · ·	1							••••				2		11				1	1.	. 7	18	4		2			1 1			1	77	17.11
April			. 1		· 1	1	1		1			•••	5																		2	13		4.					1 19			1				1	4	3	72	16.00
Mar					•	1			1		••••		2	. 2	2						.	1	. 1								4	13		4 .	•••	1.	10			. 4							2	1	64	14.22
Tuno				ļ										.]	l				İ	.	.		.								1	14	1	8 .	••	1.	1			3			•••					1	61	13.53
June	• • •		- ; •••		7				1				11							•	.	.]]	l 		 				1		2	7 '		9 .		1 .		7 4	$\begin{array}{c c} 1 & 8 \\ \end{array}$					4	1				61	12.06
July	• • •	••	. 1				• • •						5							3			. 1								3	12		3	••••	2 .	1	4	$3 \mid 4$	5		1		•	2			4	0+	12.90
August	• • •		•		3		•••				•••	•••			,					3										1		8	1	3			1	3	4 12	7		1		1.	$ 2 \rangle$	•••	3		61	13.30
September	•••	• • •		•••				•••	•••		•••	•••	•••												-						. 4	10		5		2	2	0	$4 \mid 22$	3		1	•••	.:.	2			4	83	18.10
October	• • •	1	• • • • •		1	1						•••	4.		2		•	• . ••	• • •			•							0	1	4	7		3	1	3		7	$7 \mid 20$	2		1		1	1		3	1	69	15.05
November			. 2		2		1		1		••••	•••	6 .		• • • • •		•			L	• • • •	• • •		• •••							1	14		5		2		5	2 10) 6							2	1	66	14.40
December	• •	• • •	. 5	4	4	1		2				•••	16 .		1	• • • •	• ••	• ••	•	1						• • • •	• •••					IT				10	1 -	26 5		2 47		10	-	7	11 (3 1	20	25	882	16.03
Total	••		. 12	18	5 24	5	4	2	5	•••		•••	67 1:	22 3	3				1	1			2 2	2		· ··			1	5	22	148	2	64		19	10		10 1102	- <u>-</u> -										

.

MORTALITY RETURNS, 1889.

(Estimated Population, 57,000).

.

		1	<u> </u>							SPEC	IFIC I	FEBRI	ILE, C	OR ZY	MOTIO	DISI	EASE	s.									<u>I</u> C.		ů,			ONAL.				NTAL.	1		,						-					d,		
							Notifia	M ABLE.	IASMAT	TIC OR	Infect	ious.			NO	Not	IFIAB	LE.	-	DIARRHŒAL		MALARIAL.	VENEREAL.	SEPTIC		ZOOGENOUS.	Parasit		DIETETI			Constituti				Developmen						I	LOCAL.							ed, Ill Define	Ś	00 LIVING.
		Small Pox.	Measles.	Scarlet Fever,	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Jyphus Fever.	Enteric Fever.	Continued Fever.	Kelapsing Fever.	Cholera. Total Deaths from Notifiable	Infectious Diseases. Death Rate from Notifiable	Infectious Diseases.	Whooping Cough. Influenza.	Mumps.	Chicken Dow	Others	Cuters.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydropholsia, &c. 2	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheuniatisni, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous Jystein.	Circulatory System.	Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENCE.	All other Causes not Specific and Unknown	Тотац Делтн	DEATH RATE PER 1,00
1889			ř	,			1	ļ							1				•		1													Ì			İ							-					ĺ			
January	•••		10	3	2		••• •	•••	1 .		•• ••	. 1	.6 .					•			••••		1			•••		••••		1	1	2	5	•••	2 .	•••	4.	$\dots 1$	9	2 11	1 : 8	,	1		3	1			4	4	85	18.54
February			7		2	•••	•••	••	1 .	••••	•• ••	. 1	.0		2	.	.	• ••		•••			1							1			7	1	5	•••	4.	1	3	2 18	3 + 2	}					1		5	3	75	16.36
March		1	16	1	2	• • •				•• ••	.	. 1	9 .		3	.	•	1		i ••• •			••••	••••							1	1	7	1	7	•••	3.	1	2	$5 \mid 20$) 4	:	1		2			•	1	4	92	20.07
April	•		16	•••	2	• • •				•• •	•	$. \mid 1$	8.		3		.			•••				•••					••••	1	••••	1	18		7 .		2.	1	7	3 19	5		2		1	1	- 1		2	1	102	22.25
May			17	1		•••		•• •			;	. 1	8.	1	.0					1				••••								1	15		10 .		3.		9	3 35	5 8	3	1		1		1		3	4	123	26.83
June			1		3	•••			1 .	•• ••	•• ••	•	5.		9		.											••••		1	1	3	18		5.		1.	•• •	7	5 15	5 6		3				1		3	1	84	18.32
July			2		2				1	•• [••		•	5.		3					2			:	1							1	3	15		9			1	4	4 8	8 4	L	1		1	2			2	1	75	16.36
August			3		1	•••		1.				•	5.		1		.			7	3						1				1	2	5		2.		1.	1	8	2 11	. 2					1			1		63	13.74
September				1	• • •	2				.			3.		2					2												1	16		2		3		8	4 9				1		1	*1	1	4	. 4	71	14.94
October					4			}	1	. .		Ì	5							4													14		5		3		5	3 16	3		3		1		1	,	1	2	67	14.10
November					6	2		ł	1			•	o a		3		• ••	•	•	-	•••			•••							•••	•••	10	1	6		ວ .	•	4	6 9	7 6				-	1				_	77	16.21
December			••••		4		1	•	1		• •••		6 .		2			1		•••	•••			••••			••••	•••	•••			2	11		7		2.		9	$\begin{vmatrix} 2 \\ 2 \end{vmatrix} = 26$	3						1		2	6	77	16.21
Total			72	6	28	4	1 1	1	7	• •	• • • •	. 11	9 2.1	2 3	8			2		16	3		2	. 1			1		•••	4	5	16 1	.41	3	67	2	28 .	13	35 4	4 1 21	5 57	7	12	1	8	7	7	2	30	30	991	17.38

.

.

* In a Matchworker (Necrosis of Jaw).

MORTALITY RETURNS, 1890.

1

Janu

Febr

Marc

April

May

June

July

Augus

Septe

Octob

Nover

Decen

(Estimated Population, 62,000).

										SI	PECIH	IC FI	EBRIL	E, OR	ZYM	OTIC	DISE	ASES.				٤						IC.		IC.			T A T				NTAL.															, he		
							Nor	TFIABL	Miasi .e.	матіс	OR IN	IFECTIC	ius.			Non	-Noth	TABLE		_	Diarrhœal	M	MALAKIAL	VENEREAL.	SEPTIC.		Zoogenous.	Parasit		Dietet			CONSTITUTE				DEVELOPME							Loc	AL.							ied, Ill Defin n.	HS.	000 Living.
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Erysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Denths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Arna and Damittant Forme	The state and the state of the	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Uriuary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENCE.	All other Causes not Specif and Unknow	Toral, DEAT	DEATH RATE FER 1,(
1890			1													1						Í	Ì	Í		İ							1		İ							ŧ								Ī		Ì		
ary ·			2	1	3	••••							6		2			-1 + 1		2		.	• •	.	••				••••		.		1	11		7		2		23	6	35	3	•••	4			1	1		2		106	20.85
iary				•••	2	1		•••				· • •	3		5					2		••			••••		· • •			1	14	1	9.	1	1		10	8	31	3		1		••••				1	4	95	18.68
h	•••	•••	7		÷ 2	• • • •	1		4				14		6					2		. .		1.									1	11		12	••••	1	••••	16	7	35	2		4		L	1			3	1	118	23.21
			9	3	1	• • • •	•••						13		11					1		.	. .			1			••••				1	18	••••	12	1			15	9	25 .	5	••••	1		1				2	5	121	23.80
			29	2	3			•••	1				35		7					2											••••	.,.	1	11		5		2		17	6	33	6	•••	2			1			6	1	135	26.55
	•••	•••	16				1	••••	1				18		6	••••						.							••••				1	12		3		3		14	-6	30	5	••••	•••			2		••••			100	19.67
•••	•••	•••	14	2	3	1			•••			•••	20		6	!			•••	2			. .		•••									12^{++}		7		8	••••	17	5	22	3		2						ð	1	110	21.63
it	•••	•••	3	• • • •	3			- • •	, 1		•••		7		3	••••	•••		•••	1				.		2				•••			.1	7 '	2	6		1	•••	14	6	13	3		1		1				2		70	13.77
nber		•••	1	2	5	•••			1	•••	••••	! •••	9		10				•••	2		.		1.	••				•••				3	8		9		2		11	5	18	5		4		•••			•••	2		89	17.50
er	•••		1	••••	1	•••		•••	3		••••		5		7					2	1		. .											10		7	1	3		13	6	15	7								1		78	15.09
nber	•••				3			•••					3		2					2		.												13		5		4		14	5	27	8		1						4	3	91	17.61
nber		•••		1	5				2	••••	•••		8		5	••••		••••)		• • •						10		6		6		20	4	32	3	•••	1		1				3	7	106	20.51
otal	•••		82	11	31	2	2		13				141	2.29	70					18		1 .		2		3	•						10	137	3	88	3	33		184	73	316	53	••••	21	• • •	4	5	1		31	22	1219	19.66

MORTALITY RETURNS, 1891.

(Estimated Population, 63,000).

		1		SPECIFIC MASUATIC OF INFE									LE, OF	X ZYN	IOTIC 1	DISEA	SES.									'IC,		IC.			ONAL.		.	NTAL.													ed,		
								Mı	ASMAT	IC OR I	NFECTI	ious.								KKHUSAL	LARIAL.	EREAL.		ePTIC.	GENOUS.	Parasit		Dietet			STITUTI			ELOPME						Lo	CAL.						III Defin		-IVING.
						N	Jotifi.	ABLE.							Non-	Notifi	ABLE.		F	WI A	MA	VEN		ñ	Z00(CON			DEV					····							- 5	iffied,	THS.	,000
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	F.rysipelas.	ruerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever. Relansing Fever	Neidpsuig rever.	Total Deaths from Notifiable	Infectious Diseases. Death Rate from Notifiable Infections Diseases	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Aneumatism, and Rheumatic Fever.	Cancer. Phthisis and Wasting	Diseases. Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.		Digestive System.	Lymphatic System.	Urinary System.	Male.	Female. Reproductive System.	Parturition.	Bones and Joints.	OKIII. Viotenci	All other Causes not Spec	TOTAL DEA	DEATH RATE PER 1
1891								1						1			•,				1					l		Í					Í		Í		1									-			
anuary		· · · ·	. 1	2	2		•• •		2 .	•	•••	•• '	7	. 1	1	•••	•••		2	••••		1	•••	••••		••••	.	.	•• •	.	3 11	. 2	8		4	1	6 11	l 36	2	• • •			• • •	2.		. 4	2	113	21.52
ebruary			•••		5			•	1 .	•• ••	•• { ••	(6	. 1	1	···:	•••		2	•••		••••	1	••••			.	••	1.		. 10)	7		2	1	1	4 22	3		2					. 4		77	14.66
Iarch	• • • •		1		2 .	••• ••	••				.		3	6	2	•••	••••	•••	•••	••••		1	•••	•••	•••	•••	.		•••		2 9)	11	1	3]	3	5 38	2						1		3	3 100	19.04
pril	•••		1		3				•• •			. 4	4	8		•••	•••			····				••••						:	$2 \mid 14$	ł	5		4	1	.6	9 26	5				•••	1.	•• •		3 2	2 99	18.85
fay	• • •	•••	8	•••	2 .	••• ••		•••	•• ••		• ¦ ••	. 10)·	10					2			•••		1						1	. 11	2	14		2	1	7	4 34	4	•••	3		•••	1.		. 3	7	125	23.80
une	<i></i>	•••	20	•••	2 .	•• •		••	1			. 23	3	16																	1, 6	3 1	13	1	1	2	5	4 29	5					• • •	1	1	3	130	24.76
uly			10	•	1 .	••	1			•		. 12	2	6	2		•••		2				••••	••••				.		•• {	$2 \mid 1$	Ĺ	4		2	1	1	3 16	3					1 .		. 1	1	. 80	15.48
ugust	• • •	•••	6	•••	2.	••••	1 .	•• ••		• ••	• , ••	. 6)	5					10											••	1 19) 2	4		2]]	.4	2 20	5	•••	1			1.		1	;	. 99	18.85
eptember		•••	1	•••	2 .	•• •	1	•• ••	• ••	• ••	• ••	. 4	ŧ	3			•••		4			1	••••							••	3 10)	12		2		9	4 19	6		2		1			. 1	. 5	5 86	15.23
ctober			2	•••	4	1	1	• •	3	• ••	• •••	. 11	L	2		•••	•••		3	1								.			1	3	3		1	1	1	$3 \mid 17$	2	•••	1		•••				. 93	3 69	13.14
ovember			3		2	1		. :	2		• • • •	. ; 8	3	5		•••			3				•••				.	.			4 1	4 1	9		8	1	3	. 46	1							. 3	6	5 121	23.04
ecember		••••	3	2	6	1		•	1	•	•	. 13	3	3	4	•••		• • •	1		•••	1	•••		•••				. .	1	1	7 1	3		4]	2	6 39	4	- , •			1] .			3 1	2 106	20.19
Total		••••	56	4	33	3 4	£	. 10	0	• • • • •	• ••	. 110) 1.74	66	10	• • •			29	,	••••	4	1	1	• • • •		••••	••	1	2 20	0 13	1 7	93	2	35	1	68 6	1 342	2 42	•••	9		2	6	2	2 23	5 3-	4 120	5 19.11

MORTALITY RETURNS, 1892.

(Estimated Population, 63,000).

		1			max				S	PECII	FIC FI	EBRH	LE, 0	R ZYN	INTIC 1	DISEA	ASES.										TC.		JC.			ONAL.				NTAL.													ed,			
								Міа	SMATIC	OR IN	VFECTIO	ous.							_	RHŒAL		LARIAL.	IEREAL.	EPTIC.		BROUS.	Parasit		DIETET			STITUTI				ELOPME						Loc	AL.						III Defin		IVING.	
						N	OTIFIA	BLE.							Non-	Notif	TABLE	•		DIAI			<pre></pre>	Š		Zooc				1		Con		1		DEV												—	ified, vn.	THS.	1 000	
1890		Small Pow.	Measles.	Scarlet Fever.	Membranous Croup.	Puerberal Fever	Typhus Fever	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable	Death Rate from Notifiable	Whooping Coueh.	Influenza.	Mumps.	¢ Chicken Pox.	Others.	Diarrhœa.	Dveenterv.	Amond Deriver F	Ague and Keinittent Fever.	Sypnuls, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	, Birth Debility.	Malformations.	Old Age.	Special Senses.	Circulatory System.	· Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male	Female. Reproductive System.	Parturition.	Bones and Joints.	VIOLENCI	All other Causes not Spec and Unknov	Total. Dea	Death Rate per 1	
anuary			3		2				1				6		2		•							• • • •								4	13		9	1	4	1:	4	32	5		2					3		105	20.6	65
February .			2		1	L	.				 •••		ŧ		1					3 .				•••									12		6		2 .	15	6 6	37	2		5			2	1 1			100	19.6	67
larch			2		1				1			4	4		}								1									1	10		8		3	16	5 3	32	2		2					. 1	2	88	17.3	31
.pril · .			2	1	1	.		1	ι	1		:	5							1 .				••••						1		3	12		9			11	7	23	10	•••	3						2	94	18.	49
[ay	•••••		1	••••	6	• •••			.			1	7											••••								3	11		10		4	18	3 10) 20	8	•••	4			· · · ¹ ·		. 2	1	104	20.4	45
une		•••			1				.				L							2.												2	11		4			$\dots 2^{i}$	L 4	12	7	•••					1	. 1	3	71	13.9	96
aly			4		$2 \mid$			1				7	,						Ĵ	1								[3		1	11	1	8		1	1:	2 4	22	6		2		1			. 2	1	88	17.3	31
ugust			2		3 1			1				7	·						4	4	1.				1]		••••				1	8	2	6		4	10) - 8	8 15	+ 7	;	2			1 .		. 50	5 3	88	174	31
eptember	•		•••	1 .	• •			1			•••	2		. 1	•	 		•••	:	3		.									•••	1	11		11	•••	2	16	5 ; 4	10	6	! ; •••	1						3	71	13.9	96
ctober	•	• • •	1 .		1 1							3	;							1											•	3	10	1	6		1	2	3 6	29	2		2				1	. 1	2	94	18.4	49
ovember .			2.		$2 \mid \dots$							4		. 1						.					1							4	7	1	9			1	2 3	3 30	2					1.		. 5	4	84	16.5	52
cember .	.		5	1	£							10		6]	1											•••	4	13	1	5		3		7	21	11		1		1	1	1		3	93	17.7	71
Total .	•		24	3 2.	4 3			6		••••	••••	60	1.0	3 30	3	••••			16	5	1		1	•••	2		• • •					30	129	6	91		24	18	3 6	- 3 283	68	• • •	24		2	5	3	$1 \frac{-}{2}$	$\frac{1}{2}$	6 108	0 17	14

.

.

1

MORTALITY RETURNS, 1893.

(Estimated Population, 63,000).

										SPEC	IFIC	FEBRI	LE, (DR ZY	MOTIC	DISE	ASES.									LIC.		10	`		IONAL.	IONAL.			NTAL.														led,		
						N	Notifi/	MI	IASMAT	TIC OR	INFECT	10US.			Nor	v-Noti	FIABLE	•	-	DIARRHŒAL	MALARIAL.	VENEREAL.		SEPTIC.	ZOOGENOUS.	Parasit		Dietet	t		Constituti				Developme						I	JOCAL.							îed, III Denu n.	HS.	000 LIVING.
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	krysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	kelapsing Fever.	Cholera. Total Deaths from Notifiable	Infectious Diseases.	Infectious Diseases.	Whooping Cough. Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pvæmia.	Septicamia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Word of Broast Mill.	want of breast Mulk. Scurvy:	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System. Resolitatory System	Nephraury System	Digestive System. Lymphatic System.	Urinary System.	Male	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENCE	All other Causes not Specifiand Unknow	TOTAL DEAT	DEATH RATE PER 1,(
1893			'					1					25		3																2	14	ગ	9		3		10	2 3	2	7	9						9	2	117	99.90
January	• • •	••••	17	•••	Ð		•••	• • •	2	•••	••••		20			•		•		1				•••				••	• • • • •	•••	4	10	1	5	1		•••	0	2 0	0	1 0	<i>ت</i> .		•••	••••			4	0	117	22.28
February	•••	•••	18	2	1 .		•••	• • •	•••	••••	•••		21		1	• ••		• • • •		1		•	•••••••••••••••••••••••••••••••••••••••	••			•	••			4	10	1	.)	I .	1	•••	0	5 2	9	2							3	4	102	19.42
March	•••		51_{\pm}		4 .	•••		••••			•••	•••	55		2					••	1	•		•••••••		• • • •		•• ••			2	8		5	•••	2	•••	14	$\begin{bmatrix} 7 \\ \end{bmatrix} \begin{bmatrix} 3 \\ \end{bmatrix}$	59	5	. 1	•••	1					2	144	27.42
April	• • •		44	2	3.	•••	••••				•••		49		4	•		.		2				•••••••••••••••••••••••••••••••••••••••					• • • • •			8	••••	8	•••	2	••••	12	3 3	1	1	• •••	• • •	• • • •				2	3	125	23.80
May	• • •	••••	25	1	1 .				1	•••	1	•••	29		12	• • • •				1			1.	•• (•			.		.		6	11		13		1	1 1 · ·	17	6 + 2	3	7	. 1	•••		. 1	••••		2	4	135	25.71
June	•••	• • •	16		1	1	• • •				••••	••••	18		12	•		• • •		9	1			•••••			.			2	3	16		14		1		23	3 2	1	5	• ! •••						3	1	132	25.14
July			3		2	1	••••		1		•••		7		8					9				•• •					.		1	8		11	1	4	•••	9	$5 \mid 1$	9	9	. 4		1	1	•••		4	6	107	20.38
August		1			1 .		•••					• • • [1		8	•				7						.		•••			1	14		6		4	[]	1	$3 \mid 2$	0	5	. 1	•••		1			3	1	86	16.38
September		• • •	2	1	6 .	•••			3	••••		•••	12		2					3	.						.	••			-1	11		8		1		9	4	9	1	. 2			1			2	3	69	13.14
October				2	3	2	1						8		3					2											1	12		7		5]	13	6 3	1	3	. 5	1		1			4	2	104	19.80
November					4 .		2						6		9 1					2					ŀ						3	9	2	11	1	3		24	3 5	0	5				1				10	140	26.66
December			1	2	5		1	·					9		5													1				12	1	5		4		9	3 9	4	5				1	1			5	87	16.57
Decemper	•••			-			-																	••••••		• • • •	• • • •	••••••				10	1		•••	±			0 2		· · · ·		••••		1			••••			1001
Total			177	10	36	õ	4	••••	7		1	2	40 3	-80	69 j]				. 3	6	2 .:	•	1.	•• •					• •••	2	26	142	6	102	4	31	1	.59	48 3	28	55 .	. 16	1	2	7	1		25	44	1348	21.39

.

MORTALITY RETURNS, 1894.

(Estimated Population, 64,000).

										SF	PECIFI	C FE	BRILE,	, OR Z	YMOTH	DISE	ASES			•							ric.		ric.			-IONAL.				ENTAL.														sfined,		ÿ
									Miasi	MATIC	OR INF	ECTIOU	JS.							RHŒAL		ARIAL.	EREAL.		PTIC.	ENOUS.	PARASU		Dietei			LUTITS				MAOTEA						Ĺ	OCAL.							I, III De		LIVIN
							Noti	IFTABL	.E.						A NO	NOTI	FIABL	Е.		DIAR		MAL	VEN		а Л	Zooc		•	1			Con	<u> </u>			DE									ve		1		NCE.	becified nown.	EATHS	R 1,000
		Sinall Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	otal Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Mumps.	Chicken Pox.		Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Directive System.	Lymphatic System.	Urinary System.	Male	Female. System.	Parturition.	Bones and Joints.	Skin.	VIOLEI	All other Causes not SI and Unk	TOTAL D	Death Rate pe
1894			;					 						-					İ		i I									.)	1	1	13		4		5		12	4 3	6	6		3							101	19.23
January	•••		1	2	4	2		•••					9		ð		.									••••		•••		<u>ت</u>		4	10	1	2	1	1		7	5 2	20	4		3			2		2	4	75	14.28
February				1	1	1	•••	••••				••••	3		4									•••		•••	•••		+	14	L		L	1			6	2	2			1	1					88	16.76
March	• • •				1	2			1				4		2	1	.	• •														3	18		9.	•••	9		9	0 2	1 0 '	· · ·		- ···							00	16.00
April			2°		1								3		6		.			1					 ···							1	13		5		1		12	5 2	29	1		2		, 1	L		3		84	16.00
May	•••		4		4				1				9		1			.												1		1	10		6		4		14	7 2	20	6	. 1	l	1		• •••	1	2	3	94	17.90
June			1	1	2		1						5		7					1					• • • •							,	13		7		2		15	5 1	17	4	•••••••••••••••••••••••••••••••••••••••	1			•		2	3	82	15.61
July		1			1								1		6				أ	1					1			.		1		2	18		6				15^{+}	5]	12	6 .	:	3			.	•••	3	1	81	15.42
Angust					•)	2							4		4.9			.		1		ŀ									1	2	16		7		1		13	3	13	4 .		1		.]]	1			2	73	13.90
Pantanahan	• • •	• • • 1			~ 	-			1				9						-	1												- 1	11				1		6	5	10	4 .		1					3	2	47	8.95
september	•••	••••		••••				•••	L		•••		0				•	•• •		1	•••		1			1	1					4	20	1	14		2		14	8	19	2.		1		.			2	6	100	18.75
October		•••		1					••••						3			•• 1		3			1			1	1					1	7	-	7		1		11	6	28	7		2			1			8	83	15.56
November				1	1						••••		2		1.			••		••••				1									1	•••		1			14	5	20 20			- ···					5)	82	15:37
December			3		õ				••••				8		3			•••															11	•••	C		•••		14	5		¥ .	••	4	• • • •	• • •		• • • •				
Total	• • •		11	6	24	7	1		3				52	0.81	48	1		•••	• • •	8	• • •				1					4	3	20	162	2	72	2	23		142	64	249	50 .	2	2	•	1	3	$2 \mid 1$	25	33	990) 15.46

/

.

MORTALITY RETURNS, 1895.

(Estimated Population, 65,000).

		1			· · ·					SPE	CIFIC	FEE	BRILE	e, or	ZYM	OTIC	DISE	ASES										1C.		IC.			ONAL.		1	NTAL														-	ed,		
								M	IIASMA	TIC OR	R INFE	стіои	s.		1					-	RRHEAL	ALARIAL.	NEVEAL	NEKEAL.	EPTIC.		GENOUS.	PARASIT		DIETET			NSTITUTI			VELOPME							Lo	CAL.							III Defin		Living.
]	Notifi	IABLE.					[4)	1		Non	NOTI	FIABLE		1	-DIA	Ň		>	<u>s</u>		Z00				_		Coi		1	Ĕ	1	1						[03				н Н	sified, wn.	THS.	1,000
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Fotal Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Sunhilis &c	oypuus, œc.	Pyæmia.	Septicæmia.	Hydropbobia, &c.	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phtnisis and wasting Diseases. Others. e.e Diabetes.	Rickets, Leucocythæmia.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENC	All other Causes not Specand Unkno	Torat Dea	DRATH RATE FER]
1895								\ 	 	· -	1						ĺ			1				Ī		İ			1		†							1				1		1					1				
anuary		· ···	• • • • • •	2	1	••••	•••			•••			3	••••	2								.								•	1	$2 \mid 1$.0	1 1	0	4	1	10	6	36	. 2				•••	1			1	2	92	17.25
ebruary	••••		. 3	1	3		1				•••	••••	8		9	1				1]		.	.	•••••••••••••••••••••••••••••••••••••••						:		2 1	19	1	9	10		12	8	95	6					•••			2	2	186	34.87
Iarch	••••		. 3		• • • •	1		••••		• • •		••••	4		7	6		·						.	1 • • • 1 3							1	2	10.	.		. 7		18	7	48	, 3		2			1			4	2	122	22.87
pril	•••		2		$2 \mid$	••••	••••					•••	4		2	2							.		••••						1		5	9.		8	. 2		16	4	27	, 4				••••	· · · ·			-1	2	90	16.87
lay			4	1		2	.			•••• .		•••	7		3					1			.	.	•••	1						• • •	3	16 .	1	3	. 2		22	7	18	6	• • • •	3		1	•••		1	2	5	111	20.81
une		1	2		1		.	•••		••••		•••	3		3					1					•••								2	9.		4	.	.	11	8	15	7								4	+	71	13.31
11y	•••				3		.			•••			3		3	1			••••	9	•••		.		·						1		5	23	1	5	. 3	.	18	5	16	11		2). 		··· .		2	2	109	20.43
ugust		•••		1	2	.	.		••••				3		3				•••	3			. .	.					••••			•••		11	1 1	.1	. 2		9	6	12	6		2				•••				69	12.93
eptember					3	•••• •			[•••	3		1					1			.	.								••••	1	13.		0	. 1		10	1	14	7		2			•••			1		65	12.18
ctober							1 .					••••	1		1					2]		.	.									2	22 .		5	. 4		13	7	28	4	 							1	1	92	16.98
ovember		,			3	.			•••		••••	•••	3		2					1				.								•••	1	9	1	6	. 3		10	5	22	1	1	1		1	•••			2	3	71	13.10
ecember		••••	1	1	••••			••	••••	•••	••••	•••	2		2					1		·										•••	2	11		8	. 2		13	5	18	6		1						5	2	78	14.40
Tota!		••••	15	6	18	3	2	•••	••••	••	•••		44	0.68	38	9		•••	•••	20					•••	1			3	••••	2	2	27 1	62	5 8	39	. 40) 1	162	69	349	63		13	•••	2	2		1	28	25	1156	17.78

.

-

MORTALITY RETURNS, 1896.

(Estimated Population, 67,000).

										SI	PECIF	IC F	EBRI	LE, (DR ZY	MOTI	C DIS	SEAS	ES.										IC.		IC.				ONAL.	ĺ		NTAL.															ed,		
							Non		MIAS	MATIC	or In	FECTIO	ous.		1	N	ON-NC	TIFIA	BLR.			ARRHCEAL	ALARIAL		ENEREAL.	SEPTIC.		OGENOUS.	PARASIT		DIETET				DNSTITUTI			EVELOPME	1						Loc	AL.							, Ill Defin		LIVING.
									_E. 				le	4		-						<u>D</u> 	N N		<u>> </u>			Zo			,			(<u>ບັ</u>	.		Â										ve		1		ACE.	ecified nown.	SATHS.	1,000
		Small Pox.	Meastes.	Scarlet Fever.	Diphtheria and Membranous Croup.	Erysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifial	Infectious Diseases. Death Rate from Norifials	Infectious Diseases.	Whoopin Couch.		Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Arue and Remittent Feve		Syphilis, &c.	Pyæmia.	Septicæmia.	Hydrophobia, &ç.	Vegetable.	Inanition, Starvation, an Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diahetes, Rickets, Leucocythæmia	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Lymphatic System.	Urinary System.	Male	Female. Reproducti System.	Parturition.	Bones and Joints.	Skin.	V101,EN	All other Causes not Sp and Unkr	Toral. Di	Двати Кате изв
1896				1								1				T								Ì	Í		İ	Í	İ														\$								1	İ	İ		
January			• • •	1	3		•••		1				•	5		3	1			•••	1						1						1	1	7		12	1	2		11	11	27	7		2						2	3	98	18.09
February					2	••••	1							3		9.																			7		3		4		15	12	25	4		1	•••					1	3	87	1 6 .06
March	• • *				2	•••	•••	•••						2 .		3.	••																	5	11	1	7		4		11	8	23	4		4			2			2	4	91	16.80
April	• • •		5	1	•••	••••	••••							6.		7.																2	1	2	14	2	10		2		16	9	21	3	•••				1			4		100	18.46
May	•••		5		•••				•••		 			5.		10.	••		••••							!								8	17	1	6		3		19	5	18	2		1	•••			}		4	1	100	18.46
June	•••		14	1	· 1		••••		•••	••••			1	6.		7.					3												1	1	15		6				18	4	25	7		1	5		• • •			3		107	19.75
July	• • •	•••	13		1	•••	••••				 ;	•••	1	4 .		5.	••				4					••••								4	21		11		2		18	3	22	3			• • •		2	••••		$\cdot 2$	1	112	20.67
August	•••		6	2	1	1				••••		••••	1	0.		5.					7													4	12		5		4		7	5	12	อ		4			2			1	2	85	15.69
September	• • •		1	1	1		1			•••			4	4 .	-	3 .			•••		5													3	11	1	7		2		18	5	13	9		4						4	1	90	16.61
October			4	•••			1			•••				5 .		2 .					3													3	12		8		2		6	6	29	2		2			1			2	3	86	15.40
November	•••		1		••••		•••			•••	•••			1		4 .					1												,		8		9		7		10	5	42	6		1						1	1	96	17.19
December	•		4	••••	1					••••	••••		Fe	5		5.						• • • •					1	•				1		1	9	2	7		2		12	4	16	3		8			1			1	3	81	14.50
Total			53	6	12	1	3		1	•••	•••	•••	76	3 1.1	5 6	3	1				24						2					3	3	32	144	4 7	91	1	34		161	77	273	55		28		••••	9			27	22	1133	16.91

.

•

BURGH OF GOVAN. _____

MORTALITY RETURNS, 1897.

(Estimated Population, 69,000).

						-				SPE	ECIFIC	C FEE	BRILE	, OR	ZYMO	TIC D	ISEAS	SES.										IC.		IC.			ONAL.				NTAL.														ed,		
								Ν	MIASM/	ATIC O	R INFE	ECTIOUS	5.								RHUEAL	LARIAL.	лунаг.		PTIC.		ENOUS.	Parasit		DIETET			STITU'I				ELOPME						:	Local.							III Defin		-1VING.
							Nort	FIABLE	•	=						Non N	OTIFI.	ABLE.		ļ	DIAF	MAI	VEN		- S	7007	7007		•	1	1		Con		1		DEV	1			,		····					_			ified, vn.	THS.	,000 I
		Small Pox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Frysipelas,	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Cotal Deaths from Notifiable Infectious Diseases.	Jeath Rate from Notifiable Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Óthers.	Diarrhœa.	Dysentery.	Ague and Remittent Fever.	Svnhilis &c.	Durania	L yauna. Santicamia	Jephteemia. H.J.arbelie C.	n yuropiiouia, ecc.	Vegetable.	Want of Breast Milk.	Scurvy.	Alcoholism.	Cout, Kneumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations.	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Digestive System.	t um abatic Sustem.	Ilrinary System.	Male	Female. Reproductive	Parturition.	Bones and Joints.	Skin.	VIOLENCI	All other Causes not Specand Unknow	Torat DEA	Dеати Катк чек 1
1897		_		 								 			-								ĺ								Ī					- I	-				1	1	1							1	i –		Ì
January			.1		2		•••		1	•••		•••]	4		12	•••		•••							•••	1					1		4	20		5		5.		9	5 3	1 3	2 .	•• •	.	• •			.		4	103	18.44
February		•••	2	•••	••••	1		•••		• • •			3	• • • •	13			•••			• • •		. .						•••				1	11		8			1	.0	$\begin{vmatrix} 2 \\ 3 \end{vmatrix}$	0 ;	3.		$2 \mid$.	•	2	3	88	15.76
March		••••	1		2					•••	•••		3		6			•••			•••				•• •		,			••••			2	14	1	12		4 .	1	4	8 3	0	6 .	••	2			• ••		2	1	105	18.80
April	· • •		2	2	••••	•••	•••		•••		•••		4		9	1	···	····	••••						•• •								2	9	1	14	••••	1.	1	4 1	2 4	3	$2 \mid .$		1			• :		3	4	120	21.49
Мау	•••	•••	1		1	•••	1	••••	2	•••	•••		5		16		•••		1	2	8			.	•••						2		3	15	2	7	•••	3	.	11	$4 \mid 2$	9	2 .	•••	1 .	• .		$2 \$	•	4	2	110	19.70
June		: !	5	•••	•		••••			1		••••	6		9		•••	•••	•••					.	••••••				•••				10	12	1	6		2]]	14	4 2	2	• •	•• [•	••	1	. :	2 [1	i	2	93	16.65
July	••••		6		•••	•••	••••	••••	3	•••	•••	•••	9		4		••••	•••		5					•• [•				•••	• • •		•••	3	7		12		3]	L7	4 1	5	7 .	••	3 .	• ••	• • •	1		3	3	96	17.19
August	•••	•••	•••		3	••••			!	•••	••••	•••	3		2	••••			•••	20				1	1.						1	••••	4	16	2	10	•••	1		22	5 1	$8 \mid 2$	3.		1 .	•		2	• • • • •	1	2	135	24.17
September	•••	• • •			1.	•••].	•••		2	••••		•••	3		2]	•••			5]	3	16	1	6		1.]]	L4	7 1	8 1	4 .			.	.]]		. 1	5	3	100	17.91
October	••••	•••	2	1	3.	••••	•••	••••	••••				6		4		•••	1	••••					.		1							3	9		11		2	1	12	7 3	5	2 .		1					4	3	101	17.56
November	••		5	1	1 .			1	2			•••	10	••••	1		•••	• • •					. .		.							1	2	14		8		4	•••	11	4 3	6	3 .		3		.]	ι			1	99	17.21
December			26	2	2 .	•••			1	••••	· · · ·		31		2	1	• • •			1				1.					····			•••	1	13		14		10]]	18	9 3	2	3.		1							137	23.82
Total		••••	51	6	15	1	1	1	11	1	•••		87	1.28	80	2	•••	1		33				2	1	2			•••		4	1	38	156	8	113		36	10	66	71 33	9 6	7.	1	5	1 .		9	1 1	25	28	3 128	18.65

•

•

.

Ia

Fe

Ma

Ap

Ma

Ju

Jul

Au

Sep

Oc

No

De

MORTALITY RETURNS, 1898.

(Estimated Population, 73,000).

		1			na, 					SP	ECIFI	IC FE	BRILI	e, or	ZYM(OTIC I	DISE	ASES.							`			IC.		Ċ.			DNAL.				NTAL.														- l ť	1		
							Nori	FIARII	MIASM	IATIC	OR INF	FECTION	JS.		1	Non	-Notif	TABLE		-	ARHUEAL	ALARIAL.		ENEREAL	SEPTIC.		OGENOUS.	Parasit		DIETETI			ONSTITUTIC				EVELOPMEI							Locai	L.						l, Ill Define			LIVING.
		Small Pox,	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Erysipelas.	Puerperal Fever.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Cholera.	Total Deaths from Notifiable Infectious Diseases.	Death Rate from Notifiable • Infectious Diseases.	Whooping Cough.	Influenza.	Mumps.	Chicken Pox.	Others.	Diarrhœa.	Dysentery.	Ague and Remittent Fever. N	Sumbilie & V	sypnus, &c. V	Pyæmia.	Septicæmia.	Hydrophobia, &c. Zc	Vegetable.	Inanition, Starvation, and Want of Breast Milk.	Scurvy.	Alcoholism.	Gout, Rheumatism, and Rheumatic Fever.	Cancer.	Phthisis and Wasting Diseases.	Others, e.g., Diabetes, Rickets, Leucocythæmia.	Birth Debility.	Malformations. D	Old Age.	Special Senses.	Nervous System.	Circulatory System.	Kespiratory System.	Digestive System.	Lympnatic System.	Urinary System.	Male	Female. Reproductive System.	Parturition.	Bones and Joints.	Skin.	VIOLENCE. All other Causes not Specified	and Unknown.	Total Deaths	DEATH RATE FER 1,000
1898															}																						ļ					ł								Î				
iuary	•••		18	2	1			••••	•••	•••	•••		21			••••	:			4	•••		•	.	•• •		•••		•••		1	2	2 1	11		7	••••	2		.8	-9 2	22	1 .	•••	1	••	•••	•• •	•• •		3	1 10	05	18.26
oruary			2	1	1	1	•••	1	1	•••	••••	•••	7	••••	1	•••	•••			1			·	1.	••	1.	•••		••••	.	•••		3	9	1	11		3		4	8 2	25	3			•••	•••	•• . •		1.		5 9	94	16.34
rch	• • •		4	3	1	1	1	•••	2	•••	••••		12		3	•••				6				.	•••					.		•••	6	18		9	1	4	•••	12	9	33	4		3		•••	••• •	••		5	2 1	27	22.08
ril	•••		5		1			•••			•••		6		9	1		•••		5		.		.	••• {				1				3	16	·	11	•••	2	•••	8	4	36	1				•••	1.	••.		2	1 1	07	18.60
y			6				••••		•••	•••		•••	6		12	1			1					.	•••		•••		1			1	3	7	1	5	3	5	1	15	6	19	8	••		•••	•••	• • • •	1.		6	$2 \mid 1$	03	17.91
ie	• • • •		4	3	1			•••	•••		•••		8	•••	14					2		.	. .	[.					1	•••			2	13		8	•••	4	•••	13	6	15	2	۲ ۱ ۱	2	••••	3		•• . •		1	1	95	16.52
у			2				1	• • •	•••		•••	•••	3		9			 		13		.			•••				••••	••••	1	•••• '	•••	11	2	4	•••	3	••••	9 *	5	16	2	•••	•••	•••		.			2	2	82	14.26
gust	• • •		1		2		1	•••	2		•••		6		11					27		ι							•••			1	3	10		9	2		•••	14	1)	15	5		1				1	1	• 3	2 1	13	19.65
tember		• • • •			1	1			1			•••	3		2					16				2.							2	•••	1	10		6	•••	1	•••	14	5	25	10		1		• • • •				7	1 1	06	17.42
ober					1,				1				2		อี					6				.							1	• • •	2	10	2	4	2	1	1	8	4	38	1		3		• • •		!		2	1	93	15.78
vember			2		1	1			2				6		1					4				1					1			2	3	9	1	11	1	2		6	6	19	2							1	5	1	82	13.47
cember	•••	•••			1	•••	••••		1		,		2	1.4.4																			1	11	1	6	1	1		10	2	22	5		2	1	••••				1	1	67	11.01
Tota!	•••		44	9	11	4	3	1	10	•••			82	1.12	67	2				84		ι		4		1			4	•••	5	6	29	135	8	91	10	28	2	.41	65 2	285	44	••••	13	1	3	1	2	3	37	20 1	174	16.08







r

