

ONLY

TS
-UP
(61)

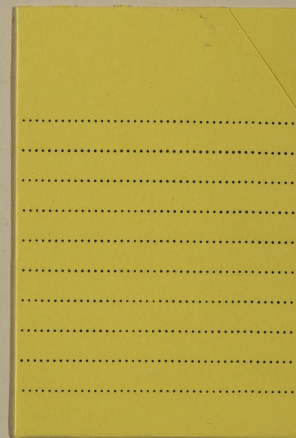
STATISTICS
BACK-UP

BRITISH LIBRARY
OF POLITICAL AND
ECONOMIC SCIENCE



LONDON SCHOOL OF
ECONOMICS AND
POLITICAL SCIENCE
10, PORTUGAL STREET,
LONDON WC2A 2HD
Tel. 01-405 7686

STATISTICS
BACK-UP



42
R7

FIFTY-SIXTH
ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

OF

BIRTHS, DEATHS, AND MARRIAGES
IN ENGLAND.

(1893.)

Presented to both Houses of Parliament by Command of Her Majesty.



LONDON:

PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY EYRE AND SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

And to be purchased, either directly or through any Bookseller, from
EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C., and
32, ABINGDON STREET, WESTMINSTER, S.W.; or
JOHN MENZIES & Co., 12, HANOVER STREET, EDINBURGH, and
90, WEST NILE STREET, GLASGOW; or
HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

1894.

[C.—7551.] Price 1s. 3d.

FIFTY-SIXTH
ANNUAL REPORT
OF THE

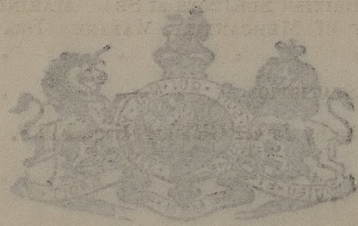
REGISTRAR-GENERAL'S ANNUAL REPORT FOR 1893

REGISTRAR-GENERAL

BIRTHS, DEATHS, AND MARRIAGES

IN ENGLAND

(1893)



LONDON:

1894

[C-7851] 1893 14 38

CONTENTS

OF THE

REGISTRAR-GENERAL'S ANNUAL REPORT FOR 1893.

REPORT:—

POPULATION: Natural and estimated increase	v
MARRIAGES: Marriage-rate; Relation between Marriage Rate and commercial activity; Forms of Marriage; Increase of Jewish Marriages; Previous Civil Condition of Persons married; Ages at Marriage; Signature in Marriage Register; Buildings registered for the Solemnization of Marriages; Certified Places of Worship	v-viii
BIRTHS: Number and Rates; Slight rise in Birth rate; Sex; Illegitimate Births	viii-ix
DEATHS: General death-rate; County death-rates; Sex; Ages; Infantile Mortality; Urban and Rural Mortality; Registered Causes of Death; Zymotic or Specific Febrile Diseases; Increased mortality from Small-pox, Scarlet Fever, Enteric Fever, and Diphtheria; Epidemic Influenza; Diarrhœal Complaints, high mortality; Hydrophobia; Puerperal Fever; Parasitic, Dietetic, Constitutional, Developmental, and Local Diseases; Deaths from Violence; Ill-defined and Un-specified Causes; Certification of Causes of Death	ix-xviii
OFFENCES AGAINST THE REGISTRATION ACTS	xviii
PROGRESS OF REGISTRATION. Aggregate Number of NAMES on the REGISTERS; NUMBER of SEARCHES in the Registers and of CERTIFICATES granted at the CENTRAL OFFICE; FEES received	xviii
ARMY AND NAVY. STRENGTH and MORTALITY of the ARMY at HOME and ABROAD; STRENGTH and MORTALITY of the NAVY	xix
BIRTHS and DEATHS of BRITISH SUBJECTS at SEA. MARINE REGISTER BOOK; MORTALITY of MERCANTILE MARINE; DEATHS among PASSENGERS	xix
INTERNATIONAL VITAL STATISTICS	xix-xx
METEOROLOGY; Remarks by James Glaisher, Esq., F.R.S.	xxi-xxiii
PRELIMINARY TABLES	xxv-lxxix

ABSTRACTS:—

BIRTHS (distinguishing Legitimate and Illegitimate), DEATHS, and MARRIAGES Registered in England, and in its Registration Divisions, Counties, and Districts; and BIRTHS and DEATHS in sub-districts	1-63
MARRIAGES, Analysis of, in Registration Divisions and Counties; distinguishing the mode of Solemnization, the number in each quarter of the year, the Previous Civil Condition of Persons married, those not of Full Age, and the Signatures in the Marriage Register	64-67
AGES of Persons married, distinguishing those of Bachelors, Spinsters, Widowers, Widows	68-70
DEATHS of Males and Females in Public Institutions.	71-94
DEATHS of Males and Females at different Age-periods, in REGISTRATION DIVISIONS and COUNTIES	95-105

A 84090. Wt. 14929.

a 2

ABSTRACTS— <i>continued.</i>	PAGE
CAUSES OF DEATH of Males and Females at different Periods of Life in ENGLAND	107-121
CAUSES OF DEATH of Males and Females at different Periods of Life in LONDON	122-135
CAUSES OF DEATH of Males and Females in each REGISTRATION COUNTY	136-159
DEATHS FROM VARIOUS DISEASES and GROUPS of DISEASES, and INQUEST CASES, in REGISTRATION DIVISIONS, COUNTIES, and DISTRICTS	160-192
DEATHS FROM ACCIDENT and NEGLIGENCE in ENGLAND, distinguishing SEX, AGE, and CAUSE of CHARACTER of ACCIDENT	193-199
DEATHS FROM SUICIDE in ENGLAND, distinguishing SEX, AGE, and METHOD	200-201
DEATHS FROM MURDER in ENGLAND, distinguishing SEX, AGE, and METHOD	202-203
DEATHS FROM MANSLAUGHTER in ENGLAND, distinguishing SEX, AGE, and METHOD	204-205
<hr/>	
INDEXES of REGISTRATION DISTRICTS, SUB-DISTRICTS, and of certain TOWNS, referring to Numbers used in the several TABLES of ABSTRACTS	206-221
GENERAL INDEX to REPORT and TABLES	222-230

REPORT

TO

The Right Honourable GEORGE J. SHAW LEFEVRE, M.P.,
President of the Local Government Board, &c. &c.

(1893.)

SIR,

I HAVE the honour to submit to you the following report on the marriages, births, and deaths registered in England and Wales during the year 1893.

POPULATION.

The population of England and Wales, as enumerated on 6th April 1891, consisted of 29,002,525 persons. The natural increase, by excess of births over deaths, from the beginning of April 1891 to the middle of 1893 amounted to 782,471, and this would raise the population to 29,784,996 at the latter date. Emigration and immigration, however, cannot be disregarded in estimating a population. In the absence of precise information concerning these points, the estimated populations published in the Annual Reports are based on the assumption that the rate of increase which prevailed in the last intercensal period has since been maintained—a method which, as was demonstrated in the 53rd Annual Report (*see pp. v-vi*), is not likely to lead to serious error when so large a population as that of the entire country is dealt with.

Thus estimated, the population in the middle of the year 1893 was 29,731,100, including 14,405,925 males and 15,325,175 females (Table 1). It is on this population that the rates for 1893 in the present report have been calculated.

MARRIAGES.

The number of marriages registered in the year 1893 was 218,689, corresponding to a rate of 14.7 persons married, per 1000 living. After 1886, when the marriage-rate was 14.2, which is the lowest on record, there was a gradual recovery for five years, the rate in 1891 reaching 15.6; in 1892, however, the rate declined to 15.4, and it further fell to 14.7 in 1893. The lowest marriage-rates per 1000 population in registration counties in 1893 were 11.2 in Middlesex, 11.4 in Hertfordshire, 12.2 in Buckinghamshire and in Essex, 12.5 in Oxfordshire and in the North Riding of Yorkshire, 12.6 in Huntingdonshire and in Westmorland, and 12.7 in Surrey; the highest rates were 15.1 in Staffordshire, 15.2 each in Gloucestershire, Warwickshire, and Nottinghamshire, 15.3 in Lancashire, 15.4 in the East Riding of Yorkshire, 15.5 in South Wales, and 17.2 in London. The highest and lowest marriage-rates in 1893 were generally in those counties which had also shown respectively the highest and lowest average rates during the preceding decennium.

The decline in the marriage-rate coincided, as usual, with a fall in the value of British exports, and in the amount per head of population cleared at the Bankers' Clearing House, and also with a fall in the price of wheat; the latter was reduced to 11.5 per cent. below the price in 1889, which, as shown in the following table, had been the lowest on record:

TABLE A.—MARRIAGE-RATE, VALUE OF BRITISH EXPORTS AND IMPORTS, PRICE OF WHEAT, and amount cleared at the London Bankers' Clearing House, 1860-93.*

YEARS.	Marriage-rate.	Value per Head of Population of United Kingdom.			Average Price of Wheat per Quarter.	Amount cleared at the Bankers' Clearing House per Head of Population.
		Exports of British Produce.	Imports.	Total Exports and Imports.		
Cols.	1.	2.	3.	4.	5.	6.
		£ s. d.	£ s. d.	£ s. d.	s. d.	£
1860	17.1	4 14 5	7 6 4	13 0 8	53 3	—
1861	16.3	4 6 4	7 10 1	13 0 3	55 4	—
1862	16.1	4 4 10	7 14 4	13 8 0	55 5	—
1863	16.8	4 19 6	8 8 11	15 2 7	44 9	—
1864	17.2	5 8 1	9 5 3	16 8 7	40 2	—
1865	17.5	5 10 10	9 1 2	16 7 5	41 10	—
1866	17.5	6 5 4	9 15 11	17 14 5	40 11	—
1867	16.5	5 19 0	9 1 0	16 9 6	64 5	—
1868	16.1	5 17 1	9 12 1	17 0 6	63 9	158
1869	15.9	6 2 8	9 10 9	17 3 9	48 2	162
1870	16.1	6 7 8	9 14 1	17 10 3	46 10	174
1871	16.7	7 1 5	10 9 10	19 9 6	56 8	210
1872	17.4	8 0 10	11 2 7	21 0 0	57 0	255
1873	17.6	7 18 7	11 10 10	21 4 2	58 8	264
1874	17.0	7 7 5	11 7 9	20 11 0	55 8	249
1875	16.7	6 16 2	11 7 10	19 19 4	45 2	235
1876	16.5	6 0 11	11 6 1	19 0 10	46 2	203
1877	15.7	5 18 6	11 15 0	19 5 5	56 9	203
1878	15.2	5 13 8	10 17 5	18 2 1	46 5	200
1879	14.4	5 11 9	10 11 9	17 16 10	43 10	195
1880	14.9	6 8 11	11 17 8	20 3 3	44 4	222
1881	15.1	6 14 0	11 7 4	19 17 5	45 4	244
1882	15.5	6 17 2	11 14 7	20 8 10	45 1	236
1883	15.5	6 15 4	12 0 10	20 13 2	41 7	223
1884	15.1	6 10 6	10 18 4	19 4 1	35 8	215
1885	14.5	5 18 4	10 6 0	17 16 9	32 10	202
1886	14.2	5 17 2	9 12 8	17 0 1	31 0	214
1887	14.4	6 1 3	9 17 11	17 11 7	32 6	218
1888	14.4	6 7 2	10 10 2	18 12 1	31 10	247
1889	15.0	6 13 11	11 10 0	19 19 9	29 9	268
1890	15.5	7 0 7	11 4 5	19 19 7	31 11	271
1891	15.6	6 10 10	11 10 5	19 14 0	37 0	235
1892	15.4	5 19 2	11 2 5	18 15 6	30 3	220
1893	14.7	5 13 6	10 10 7	17 14 9	26 4	218

* The figures in the marriage-rate column are not strictly comparable with those in columns 2, 3, and 4, inasmuch as the former relate only to England and Wales, whilst the latter relate to the whole of the United Kingdom. The figures relating to exports and imports and to the price of wheat are derived from the Board of Trade Statistical Abstracts; and those showing the amount cleared at the London Bankers' Clearing House (calculated upon the population of England and Wales) are derived from the same source.

Forms of Marriage.—Of the marriages contracted in 1893, 151,309 or 692 per 1000, were celebrated according to the rites of the Established Church, and 67,380, or 308 per 1000, otherwise. In the preceding five years, 1888-92, the mean proportions had been 699 and 301. Compared with the proportions in these five years, the proportions of marriages amongst Roman Catholics declined in 1893 from 42 to 41 per 1000, while those amongst other Christian non-conforming bodies rose slightly, viz., from 117 to 118. The gradual rise in the proportion of Jewish marriages, referred to in recent reports, was continued in 1893, the proportion being 5.1 per 1000, against a mean proportion in the preceding five years of 4.2.

First marriages; Re-marriages.—Of 1000 men married during the year 1893, 886 were bachelors, and 114 were widowers; while of 1000 women who married, 920 were spinsters and 80 were widows. The number of re-marriages, as compared with that of first marriages, had declined almost continuously from 1876 to 1891, in which latter year the proportions both of widowers and of widows who re-married stood at the lowest figures then on record (Table 7). In 1892 the proportions of widowers and widows had both slightly increased; this increase was not, however, maintained in 1893, when the proportion of widowers fell to the same level as in 1891, and that of widows to a still lower level than in that year. The number of persons married in 1893 who were described in the register as having been previously divorced, and who in the above proportions are included among the bachelors and spinsters, was 201, including 93 men and 108 women. This total exceeded that recorded in any of the preceding eight years, in which the numbers varied from 150 to 190. Of the 93 divorced men, 71 married spinsters, 16 married widows, and 6 married divorced women. Of the 108 divorced women, 74 married bachelors, 28 married widowers, and 6 married divorced men.

Ages at Marriage.—In regard to 5028, or 2.3 per cent., of the marriages, the age of one or other of the contracting parties was omitted from the register. Of the remaining 213,661 couples, whose ages were stated, the mean ages were 28.51 years for men and 26.23 years for women. The mean age of bachelors who married was 26.55, of widowers 44.61, of spinsters 25.04, and of widows 40.64 years. The mean age at marriage has been steadily rising ever since 1873, the mean age for each group in 1893 being the highest on record. Further evidence that marriage is now deferred to a somewhat later period of life than formerly is afforded by the decline in the proportion of under-age marriages. In the earlier years of civil registration the proportions of those who married before attaining 21 years of age were less than 50 in 1000 for men, and less than 150 in 1000 for women. The proportions went on increasing steadily, until in 1874 they reached their highest points, viz., 84 in 1000 for men and 227 for women; the proportions then began steadily to decline, and they have continued to do so almost uninterruptedly, the figures in 1893 standing at 56 for men, and 181 for women. (Table 7).

The registration counties which showed the highest proportions of under-age marriages among men in 1893 were Nottinghamshire, Bedfordshire, Leicestershire, Staffordshire, and Northamptonshire, these counties having also shown the highest average proportions in the decennium 1883-92. The counties with the highest proportions of under-age marriages among women in 1893 were Durham, Nottinghamshire, Staffordshire, Monmouthshire, Derbyshire, Leicestershire, the three Ridings of Yorkshire, and Essex, the highest average proportions in the preceding decennium having also occurred in these counties.

Scarcely less agreement between the figures for 1893 and those for the previous decennium was shown by the lowest proportions of under-age marriages; in both periods there were very low proportions of these marriages among men in North Wales, Surrey, Herefordshire, Shropshire,

Rutlandshire, and Westmorland, and among women in North Wales, Herefordshire, Shropshire, and Westmorland. It is plain, therefore, that the comparative frequency of early marriages in different counties is not merely a temporary phenomenon, but is one depending on persistent causes.

Signature in Marriage Register.—The men who signed the marriage register with marks instead of writing their names were in the proportion of 50 in 1000, while the similarly illiterate women were 57 in 1000. In 16 out of 1000 marriages both bridegroom and bride used that form of signature. With the progress of elementary education there has been a continuous diminution in the proportions of both men and women signing with marks; in 1893 the proportions, as compared with those in 1892, showed a reduction of 10·7 per cent. for men and of 13·6 per cent. for women.

Buildings registered for the Solemnization of Marriages.—At the end of the year 1893 there were 15,122 churches or chapels belonging to the Established Church in which marriages could be solemnized, showing an increase of 30 upon the number at the end of the previous year. There were also 11,249 buildings registered for marriage by rites other than those of the Established Church, showing an increase of 251, or 2·3 per cent., upon the number on the register at the end of 1892. (Table 9.)

Certified Places of Worship.—The number of new buildings certified in 1893 for religious worship under the provisions of the Acts 15 & 16 Vict. c. 36. and 18 & 19 Vict. c. 81. was 552, while 101 buildings already certified were removed from the register by cancellation; the number of certified buildings recorded in the register at the end of the year was 28,218. It is more than probable, however, that some of these buildings are no longer used for worship, though the necessary steps have not yet been taken to remove them from the register by cancellation.

BIRTHS.

The births registered during the year numbered 914,542, and were in the proportion of 30·8 per 1000 persons living. The mean annual birth-rate had been 31·9 in the ten years 1883–92; compared with this average the rate in 1893 therefore showed a deficiency of 1·1 per 1000.

As predicted in the last Annual Report, there was a further slight recovery in the birth-rate in 1893; the rate for this year being 30·8, against 30·5 in the preceding year. With the exception, however, of the rates in 1890 and 1892, which were 30·2 and 30·5 respectively, the rate in 1893 was the lowest yet recorded.

The registration counties showing the highest birth-rates were again amongst the mining and industrial counties, the rates being 32·3 in Lancashire, 33·3 in Nottinghamshire, 33·7 in Northumberland and in Derbyshire, 35·4 in South Wales, 35·5 in Monmouthshire, 36·0 in Staffordshire and 36·2 in Durham. On the other hand the lowest rates, in no case exceeding 27·0, were in Rutlandshire, Sussex, Surrey, Huntingdonshire, Dorsetshire, Westmorland, Devonshire, and Bedfordshire. (Table 10.)

Sex.—The births of males numbered 465,692, and the births of females 448,850, the former being to the latter in the proportion of 1038 to 1000, against an average proportion of 1037 to 1000 in the previous decennium.

In registration counties the highest proportions of male births to 1000 female births were 1138 in Westmorland, 1089 in Dorsetshire, 1081 in Oxfordshire, 1070 in the East Riding of Yorkshire, 1068 in Sussex, and 1066 in Berkshire; while the lowest proportions were 921 in Rutlandshire, 995 in Gloucestershire, 1008 in Essex, 1009 in Huntingdonshire, 1010 in Monmouthshire, and 1012 in Cumberland.

Illegitimate Births.—The infants registered as born out of wedlock numbered 38,858: they were in the proportion of 42 per 1000 births, and of 1·3 per 1000 persons living, these proportions being identical with the proportions in the previous two years, which are lower than any previously recorded. (Table 2.) In registration counties the highest proportions of illegitimate to total births were 64 per 1000 in the North Riding of Yorkshire, 66 in North Wales, 68 in Westmorland, 70 in Cumberland, 73 in Herefordshire, and 74 in Shropshire. The lowest county proportions were 28 in Essex, 29 in Monmouthshire, 32 in Middlesex, 35 in South Wales, and 37 in Warwickshire and in Durham.

DEATHS.

The deaths registered in England and Wales during the year 1893 numbered 569,958, being in the proportion of 19·2 to 1000 persons living. This rate was 0·2 per 1000 higher than the rate in the preceding year, but was identical with the mean annual rate in the ten years 1883–92.

The lowest death-rates in registration counties were 14·7 in Westmorland, 15·0 in Berkshire, in Buckinghamshire, and in Dorsetshire, 15·1 in Rutlandshire, 15·4 in Middlesex, and 15·6 in Surrey, in Oxfordshire, and in Cambridgeshire; while the highest were 20·5 in Durham, 20·7 in the East Riding of Yorkshire and in Staffordshire, 20·8 in London, and 22·4 in Lancashire. (Table 10.)

Sex.—The 569,958 deaths included 291,889 of males and 278,069 of females. The death-rate among males was 20·3, and that among females 18·1, per 1000 living of the corresponding sex. Out of equal numbers living there were 1117 deaths of males to 1000 deaths of females, as compared with an average proportion in the decennium 1883–92 of 1122 to 1000. (Table 2.)

Ages.—On reference to Tables 11 and 12 it will be seen that the death-rates of males in the age-groups under 55 years, and of females in those under 45 years were somewhat higher in 1893 than in the previous year; while at the more advanced ages the mortality of both sexes declined, chiefly on account of the diminished prevalence of influenza in 1893. Compared with the average annual death-rates in the 10 years 1881–90, the rates in 1893, for both males and females, were either the same or lower at age-groups between 5 and 35 years, and above 75 years; while the mortality was higher at the age-groups between 35 and 75 years, and also at the age-group under 5 years. Compared, however, with the low rates which had been reached in 1888 and in 1889, the rates in 1893 showed excess in all the age-groups below 85 years.

Infantile Mortality.—The infantile death-rate, or proportion of deaths of infants under one year of age to registered births, was 159 in a thousand, and higher than in any year since 1870, when the proportion had been 160 in 1000. The exceptionally high rate in 1893 was mainly due to heavy mortality from diarrhoea; for, while the average annual mortality from all causes among infants under one year of age per 1000 births rose from 144 in the ten years 1883–92 to 159 in 1893, the part of this mortality attributed to diarrhoea rose from 13 in the ten years 1883–92 to 22 in 1893. The average mortality of infants from all causes in the four decennia ending with 1890 had been in the proportions of 154, 154, 149, and 142, respectively, to 1000 births. (Table 18.)

Urban and Rural Mortality.—Compared with the mortality in the previous year, the death-rate among the urban population rose in 1893 from 19·5 to 20·2 per 1000, while the rate among the rural population

declined from 18.1 to 17.4 per 1000. The death-rate in the urban population, compared with that in the rural population, was in the proportion of 116 to 100, which exceeded the proportion in each of the previous two years, but was slightly below the average proportion in the decennium 1881-90. The increased excess of the urban over the rural death-rate in 1893, as compared with the rates in 1891 and 1892, was in part due to the high mortality from diarrhoea, a disease affecting town in greater degree than country populations. The rates in 1891 and 1892, however, in the rural districts had been unusually high, doubtless on account of epidemic influenza, thus reducing the difference between the urban and rural rates, so that in 1893 the ratio of urban to rural mortality only reverted to its normal figure. This is especially shown by comparison of the death-rates in the first quarter of each of the years 1892 and 1893, for whereas in that period of the former year the rate in the rural districts had been 25.5 per 1000, and not less than 5.2 per 1000 above the average of the corresponding quarters in the previous decennium, it fell in 1893 to 18.4, or 1.9 per 1000 below the same average.

REGISTERED CAUSES OF DEATH.

The deaths, when distributed to the several classes by their assigned causes, were equivalent to the rates shown in the following table:—

TABLE B.—ANNUAL RATE OF MORTALITY, PER 1,000,000 LIVING, FROM THE SEVERAL CLASSES OF DISEASES.

Year.	All Causes.	Zymotic Diseases.	Parasitic Diseases.	Dietetic Diseases.	Constitutional Diseases.	Developmental Diseases.	Local Diseases.	Violence.	Undeclared and not specified Causes.
1883	19,642	2,651	39	66	3,425	1,641	9,943	679	1,198
1884	19,664	3,116	39	58	3,431	1,586	9,618	656	1,160
1885	19,205	2,531	30	60	3,310	1,614	10,007	634	1,019
1886	19,522	2,679	36	61	3,370	1,633	10,040	634	1,064
1887	19,074	2,702	30	64	3,213	1,578	9,867	652	968
1888	18,112	2,133	25	63	3,166	1,569	9,643	622	891
1889	18,231	2,456	24	67	3,223	1,550	9,394	614	893
1890	19,548	2,541	24	81	3,374	1,611	10,364	653	900
1891	20,217	2,706	23	83	3,339	1,690	10,807	670	899
1892	18,982	2,785	21	79	3,168	1,624	9,801	651	853
Mean 1883-92	19,219	2,630	29	68	3,302	1,610	9,948	647	985
1893	19,170	3,165	20	88	3,210	1,593	9,536	675	883
Deaths 1893	569,958	94,126	577	2,610	95,389	47,359	283,546	20,076	26,275

Zymotic or Specific Febrile Diseases.—The deaths ascribed to this class of disease in the year 1893 numbered 94,126, and were in the proportion of 3165 to a million persons living; which exceeds the proportion in any year of the decennium 1883-92. The mortality directly attributed to influenza, which in the year 1891 had attained its maximum, namely 574 per million, and had fallen to 534 in the following year, further fell to

325 in the year 1893. As compared with the average of the preceding ten years there was in 1893 a decrease in the mortality from measles, scarlet fever, and whooping-cough, whilst there was an increase in that from small-pox and enteric fever, and a very serious increase under the heads of diphtheria and diarrhoea.

It was stated in the last Report that after three years of practical immunity from *small-pox*, the deaths in 1892 had suddenly risen to 431, or 15 per million living. In the year 1893 the deaths from this disease further rose to 1457, and corresponded to a rate of 49 in each million persons living. Of the 1457 persons who died from this disease only 150, or 10.3 per cent., were described as having been vaccinated (against 12.8 per cent. in the preceding year); 253, or 17.4 per cent., were returned as not vaccinated, and with respect to 1054, or 72.3 per cent., no statement as to vaccination appeared in the certificates. In addition to the above, 127 deaths were attributed to chicken-pox, and 59 deaths to "effects of vaccination." Thus the total number of deaths either certainly or possibly caused by variola, and of deaths alleged to have been caused by the means taken to prevent that disease, during the year 1893, was 1643, or 55 per million persons living.

The deaths from *measles* in the year 1893 numbered 11,110, and were equal to a rate of 374 per million persons living. This rate is lower than the rate in either of the preceding four years. It is less by 86 per million than the rate in 1892, and less by 80 per million than the average rate in the ten years 1883-92. There was a marked decline in London, the rate falling from 799 per million in the preceding year, to 384 per million in 1893; and this decline may fairly be regarded as the cause of the decreased rate in the country as a whole during 1893, for the death-rate in the remainder of England and Wales, excluding London, was practically the same in 1893 as it had been in 1892.

The mortality, however, differed widely in various parts of the country; for while it did not reach 100 per million in Huntingdonshire, Bedfordshire, Cambridgeshire, Herefordshire, Rutlandshire, or Nottinghamshire, it was as high as 415 in Buckinghamshire, 418 in the East Riding of Yorkshire, 443 in Hampshire, 456 in South Wales, 484 in the West Riding of Yorkshire, 493 in Cumberland, 638 in Northumberland, 642 in Monmouthshire, 657 in Staffordshire, and 685 in Lancashire.

In a few other counties, viz., Berkshire, Suffolk, Norfolk, Wiltshire, Cornwall, and Somersetshire, the mortality from measles was higher in 1893 than it had been in the previous year; in all these cases, however, the rates in 1893 were below the rate for the whole country.

Scarlet fever.—The deaths from scarlet fever numbered 6982, and were equal to a rate of 235 per million of the population. This rate is higher than the rates both in 1891 and in 1892, which had been 171 and 190 respectively. It is, however, considerably below the mean rate in the ten years ending with 1892, which had been 267.

The year 1893 is the ninth consecutive year in which the deaths from scarlet fever in England and Wales have been fewer than 8000, the average number in the nine years having been 6423, and the average rate 226 per million. The lowest previous rate since 1838 had been 402 per million in the year 1884.

The highest county death-rates from scarlet fever in 1893 were 308 per million in Lancashire, 316 in Monmouthshire, 329 in London, 355 in Nottinghamshire, 356 in Herefordshire, 375 in Leicestershire, 467 in Middlesex, and 521 in Cornwall; of these eight counties, Monmouthshire, London, and Leicestershire had also shown excess in 1892, while the death-rate from scarlet fever in Lancashire had exceeded that for the whole country in every year since 1882.

Of 1596 deaths from scarlet fever which were registered in 1893 in London and in the Metropolitan Asylum Hospitals situated outside London, 921, or 58 per cent., occurred in public Institutions, against 807, or 69 per cent. of the total deaths similarly reckoned, in 1892. The reports of the Metropolitan Asylums Board show that the mortality amongst cases treated in the Hospitals under their control was 6.11 per cent. in 1893, against an average of 8.35 per cent. in the six years 1887-1892.

Enteric (Typhoid) Fever.—In the Registrar-General's 55th Annual Report, attention was directed to the unprecedentedly low enteric fever mortality in the year 1892, when the rate did not exceed 137 per million persons living, which is the lowest rate on record. The prediction hazarded in that report, on the strength of the quarterly returns furnished by the local Registrars, namely, that a very large increase in enteric fever mortality would be found to have occurred in 1893, is confirmed by the figures in the present Report. The deaths from enteric fever in that year numbered 6801, and corresponded to a rate of 229 per million persons living, against a mean rate of 184 in the decennium 1883-92. The rate in 1893 was higher than that in any previous year since 1884, when the mortality amounted to 236 in a million.

The increase in mortality from this disease was general throughout almost the whole of England and Wales; Berkshire, Buckinghamshire, Wiltshire, Devonshire, and Worcestershire being the only counties in which the rate in the year 1893 did not exceed that in 1892. The counties which showed, in 1893, the largest excess, as compared with their respective averages in the preceding 10 years were Rutlandshire, Sussex, Durham, the East Riding of Yorkshire, Dorsetshire, Lincolnshire, Herefordshire, Bedfordshire, Cornwall, Warwickshire, and Cheshire, the great increase in Sussex, which amounted to 282 per cent. of the mean rate, being mainly due to the epidemic at Worthing. The following 10 counties showed the highest rates in 1893:—

South Wales, 252.	*Lancashire, 320.†
West Riding, 264.	North Riding, 326.
*Cheshire, 294.†	Sussex, 443.†
Lincolnshire, 295.†	*East Riding, 487.†
*Nottinghamshire, 317.†	*Durham, 565.†

In addition to the 10 counties named above as showing the highest enteric fever rates in 1893, three other counties, namely, Essex, Staffordshire, and Leicestershire, had rates in excess of the mean rate in England and Wales in that year.

In the last three reports of the Registrar-General, a table has been given showing the rates of enteric-fever mortality from the year 1890 onwards, in a group of 18 registration districts, extending from Morpeth to Middlesbrough and Guisborough, which have suffered severely from enteric fever in recent years. It will be useful to continue that table here.

TABLE C.—MORTALITY FROM ENTERIC FEVER IN A GROUP OF 18 REGISTRATION DISTRICTS, 1890-93.

Year.	Deaths.	Rates per Million.
1890	601	395
1891	465	301
1892	285	181
1893	766	480

* Showed also one of the highest county rates in each of the two preceding years.

† Higher than the rate in any of the 10 years 1883-92.

It thus appears that the mortality in this group of districts, which had been rapidly falling during the three years 1890-1-2, showed an abrupt and very serious rise in the year 1893. The rate in each of the 18 districts showed an increase, as will be seen in Table D., but the largest increases were in Darlington, Auckland, Easington, Houghton-le-Spring, Chester-le-Street, and Sunderland.

TABLE D.—MORTALITY FROM ENTERIC FEVER.

Registration Districts.	Death-rate per Million living.				
	1890.	1891.	1892.	1893.	4 Years 1890-3.
ENGLAND AND WALES	179	168	137	229	178
18 Districts	395	301	181	480	340
Guisborough	298	100	126	254	195
Middlesbrough	1,101	767	185	510	633
Darlington	426	343	60	401	307
Stockton	825	726	170	453	540
Hartlepool	370	105	117	214	200
Auckland	588	326	212	977	526
Lanchester	309	92	106	388	224
Durham	130	172	100	311	179
Easington	309	262	540	1,112	559
Houghton-le-Spring	266	396	339	1,163	544
Chester-le-Street	301	178	117	693	324
Sunderland	268	290	379	836	446
South Shields	298	184	193	496	295
Gateshead	435	229	112	286	264
Newcastle-on-Tyne	167	147	79	121	128
Tynemouth	236	413	118	336	276
Castle Ward	545	206	161	357	316
Morpeth	310	258	347	456	344

Diphtheria was the assigned cause of death in 9,466 instances during the year 1893. These deaths were equal to a rate of 318 per million living, a higher rate than in any previous year on record with the exception of 1858 and 1859, in which years the rates had been 339 and 517 respectively. The rate in 1893 was 82 per cent. in excess of the average rate in the ten-year period 1883-92, which had been 175 per million. Taking diphtheria and "croup" together the deaths in 1893 amounted to 11,568, or 389 per million, exceeding the rate in the previous year by 91 per million living.

All the county rates from diphtheria except the rates for Huntingdonshire, Dorsetshire, Nottinghamshire, Northumberland, and North Wales exceed their decennial averages.

In 34 counties the rates were lower than the general rate in England and Wales, the excessive diphtheria mortality being limited to comparatively few counties, especially to London, Surrey, Kent, Sussex, Middlesex, Buckinghamshire, Oxfordshire, Essex, Suffolk, and Wiltshire, which counties, with the exception of the last named, form a continuous area closely corresponding with what has been described in previous Reports as the South-Eastern diphtheritic region. The mortality from diphtheria in the ten counties above enumerated was 612 per million living, while in the

remaining thirty-five counties of England and Wales the mean rate did not exceed 197 per million.*

The deaths from *whooping-cough* numbered 10,176 and corresponded to a rate of 342 in a million living. The rate in 1893 from this disease showed a considerable decline from the rates in the three preceding years, which had been 478, 468, and 455 respectively. It was the lowest rate on record, the nearest approach having been 389 per million in the year 1840.

In each of fourteen counties, mostly agricultural in character, namely, Sussex, Bedfordshire, Suffolk, Norfolk, Wiltshire, Dorsetshire, Devonshire, Herefordshire, Warwickshire, Leicestershire, Rutlandshire, the North Riding of Yorkshire, Cumberland, and North Wales, the rate in 1893 showed an increase upon that in 1892, although in only nine of those counties did the rates in 1893 exceed the respective decennial averages, and in five of them, namely, Sussex, Bedfordshire, Devonshire, Herefordshire, and Rutlandshire, the rates in 1893 were below the rate for the whole country. In the remaining thirty-one counties the rates in 1893 were below their decennial averages; although in six of them, viz., in London, Essex, Derbyshire, Cheshire, Lancashire, and Durham the rates in 1893 exceeded the rate in England and Wales.

Influenza.—Although in most parts of the country there was a great decrease in influenza mortality during 1893 as compared with the three preceding years, nevertheless, in some parts of England and Wales, and notably in the Metropolis, the disease was still fatally prevalent.

The deaths in England and Wales specially referred to influenza during 1893 numbered 9669, as against 4523, 16,686, and 15,737 respectively in the years 1890-1-2.

If for the reasons stated in the last Report we again take the year 1889 as a standard of comparison,† we find the combined mortality from influenza and respiratory diseases to have been as shown in table E.

Continuing the estimate of the probable loss of life due to influenza according to the principle adopted in the last Report, and for the reasons there stated, we find that the excess of mortality, or in other words the loss of life actually due to influenza, in England and Wales, during 1893, was about 15,000, which being added to the 110,000 lives lost in the three previous years, makes an aggregate loss of not fewer than 125,000 lives in the four years 1890-1-2-3. Thus to every 3 deaths directly attributed to influenza in these four years about 5 more deaths really caused by the disease were returned as due to various diseases of the respiratory organs.

* Counties with highest Diphtheria death-rates in the year 1893.

London	758	per million.	Wiltshire	429	per million.
Essex	557	"	Suffolk	425	"
Surrey	542	"	Oxford	422	"
Sussex	473	"	Middlesex	413	"
Kent	433	"	Buckingham	367	"

Counties with lowest Diphtheria rates in 1893.

Staffordshire	114	per million.	Northumberland	132	per million.
Nottinghamshire	115	"	Cumberland	133	"
Huntingdonshire	121	"	Worcestershire	134	"
East Riding	130	"	Derbyshire	135	"

† The year 1889 was adopted in the 55th Annual Report, p. xv, as a standard for comparison, both because it may be regarded as a year of approximately normal mortality and because it immediately preceded the first outbreak of influenza.

TABLE E.—MORTALITY per 1000 living, attributed to INFLUENZA and DISEASES of the RESPIRATORY ORGANS, in the 5 Years 1889-93.

	Rates per 1000 in each Year.					Excess in 1890-1-2-3, the rates in 1889 being taken as Standard.				
	1889.	1890.	1891.	1892.	1893.	1890.	1891.	1892.	1893.	Mean of 4 Years.
London (Division I.)	3.68	5.06	5.85	5.06	4.91	1.38	2.17	1.38	1.23	1.54
Southern Counties (Divisions II.-V.)	2.44	3.17	3.69	4.16	2.95	0.73	1.25	1.72	0.51	1.05
Northern Counties (Divisions VI.-XI.)	3.84	4.82	5.68	4.52	4.17	0.98	1.84	0.68	0.33	0.96
England and Wales	3.42	4.39	5.12	4.49	3.98	0.97	1.70	1.07	0.51	1.06

The heaviest incidence of influenza in the course of 1893 was in the Metropolitan area, where the deaths attributed to that disease numbered 1513, and were equal to a rate of 351 per million. Of these 1513 deaths nearly half were registered in the fourth quarter, and not fewer than 546 within the last four weeks of the year. Towards the close of 1893, therefore, it appeared from the figures then available as though London were on the eve of yet another severe recrudescence of this disease. Subsequent returns, however, show that by the end of the sixth week of 1894 the weekly influenza deaths had again fallen to 19 in number.

With regard to the excessive mortality in 1893, attributed to diseases of the respiratory system in London, it is worthy of note, as showing that this excess was not due to its ordinary cause, namely, great or prolonged depression of temperature, that the deaths referred to bronchitis, which is the respiratory disease specially influenced by variations of temperature, were more than 7 per cent. below the average, whilst those referred to pneumonia were 35 per cent. above the average, of the preceding 10 years. If we compare the mortality in 1893 with that in the year 1889, which immediately preceded the influenza period, it will be seen that, after allowing for increase of population, the mortality from pneumonia showed an excess of 65 per cent., while that from bronchitis showed an excess of less than 10 per cent.

Diarrheal complaints (diarrhoea, dysentery, and cholera) accounted for 29,721 deaths during the year, these deaths being in the proportion of 999 per million living, against an average proportion of 653 in the ten years 1883-92. The rate from these diseases last year exceeded the decennial average by as much as 53 per cent., and was the highest rate recorded in any year since 1884. Only four times in the past 20 years has the mortality from these diseases exceeded that in 1893. In Oxfordshire, Wiltshire, Dorsetshire, Somersetshire, Herefordshire, and Rutlandshire the rates in 1893 from diarrhoeal diseases ranged from 263 to 328 per million living, while they reached 1300 in the West Riding of Yorkshire, 1447 in Leicestershire, 1471 in Durham, 1488 in Warwickshire, 1623 in Lancashire, and 2001 in the East Riding of Yorkshire.

Although in the country generally the excess in the death-rate from diarrhoeal diseases was 53 per cent., the rates in London, Berkshire, Oxfordshire, Dorsetshire, and Shropshire, differed but slightly from their

respective averages. The *excess*, however, was more than 100 per cent. in Cornwall, Lincolnshire, Cheshire, and the East and North Ridings of Yorkshire.

Only 4 deaths were referred to *hydrophobia*, showing a further decline from the numbers recorded in either of the four preceding years, which had been 30, 8, 7, and 6 respectively. The deaths were fewer in 1893 than they had been in any year since 1863; the annual average in the 29 years 1864-92 having been 32.

To *puerperal fever* 3023 deaths were referred in 1893, and to other *accidents of childbirth* 2927. These deaths numbered 5950 in the aggregate, and were equal to a mortality of 6.51 to 1000 registered births, a further increase upon the rates in the preceding four years, which had been 4.05, 4.89, 5.24, and 5.78 respectively. The rate in 1893 was higher than that in any previous year since 1876, in which year it had been 5.95 per 1000.

Parasitic Diseases.—The deaths referred to parasitic diseases numbered 577, of which 434 were attributed to thrush, and the remainder to "other parasitic diseases." The deaths from diseases of this class were fewer than in any previous year on record.

Dietetic Diseases.—2610 deaths were returned under this heading in 1893, being equal to a rate of 88 per million of the population, against an average rate of 68 in the preceding decennium. The deaths directly ascribed to intemperance numbered 2174, or 73 per million, which is the highest rate on record; the rates in the three preceding years had been respectively 70, 71, and 67 per million. (Table 16.)

Constitutional Diseases.—95,389 deaths, or 3210 in each million persons living, were referred to one or other of the diseases in this category. The deaths from cancer numbered 21,135, and corresponded to an annual rate of 711 in a million. For many years prior to 1892 there had been a progressive increase in cancer mortality. In 1892, however, the rate showed a trifling decline, namely, from 692 to 690; but in 1893 the rate rose again to 711 in a million, and was higher than in any previous year on record. The deaths from phthisis were 43,632, and were equal to a rate of 1468 in a million, which is identical with the rate in the preceding year. Up to the year 1888 the mortality from phthisis had shown a steady decline for many years, but in 1889, 1890, and 1891 it rose somewhat. In 1892 and 1893, however, the rate again fell to 1468 in a million, which is the lowest rate on record. Diabetes was returned as the cause of 2082 deaths, which corresponded to a rate of 70 in a million, and showed a further increase on the rates in recent years.

Developmental Diseases accounted in the aggregate for 47,359 deaths, or 1593 in a million persons living. The deaths referred to "old age" numbered 26,528, or 892 in a million, against 1011 and 944 respectively in the previous two years. As was mentioned in the last Report the mortality from premature birth and congenital defects has shown in recent years a constant tendency to increase. The mortality in 1893 from premature birth was equal to 18.88, and that from congenital defects to 3.90 per 1000 children born, showing a still further increase on the high rates prevailing in recent years, as shown in the following Table.

TABLE F.—PREMATURE BIRTHS and CONGENITAL DEFECTS, DEATHS TO 1000 BIRTHS, 1861-93.

Year.	Premature Births.	Congenital Defects.
1861-65	11.19	1.76
1866-70	11.50	1.84
1871-75	12.60	1.85
1876-80	13.38	2.39
1881	13.63	3.20
1882	13.99	3.31
1883	14.45	3.08
1884	14.42	3.15
1885	14.43	3.41
1886	15.09	3.33
1887	15.89	3.29
1888	15.98	3.45
1889	16.30	3.41
1890	17.48	3.46
1891	18.00	3.60
1892	18.46	3.83
1893	18.88	3.90

Local Diseases.—To this class 283,546, or 49.7 per cent. of the total deaths were assigned in the year 1893. These deaths were equal to a rate of 9536 in a million living, which showed a further decline from the exceptionally high rates in 1890 and 1891. The rate was also below the average in the preceding ten years. (Table B.) The deaths from diseases of the respiratory system (exclusive of croup), numbered 105,145, and were in the proportion of 3536 in each million living, as compared with 3731, the average rate in the decennium 1883-92. Diseases of the nervous system, exclusive of convulsions, were responsible for 47,903 deaths, corresponding to a rate of 1612 in a million, which is the lowest rate recorded in any year since 1868. To diseases of the circulatory system, 48,458 deaths, or 1630 in each million living, were attributed. This rate is lower than that in any previous year since 1885, and 23 in a million below the mean rate in the ten years 1883-92. The deaths from diseases of the urinary system amounted to 13,420 or 451 per million living, being almost identical with the mean rate in the decennium 1883-92, which had been 449 in a million.

Violence.—The deaths referred in 1893 to accident or negligence numbered 17,124, and were equal to a rate of 576 per million of the population, or somewhat above the average in the previous decennium, which had been 555. The deaths ascribed to suicide were 2,599, being in the proportion of 87 per million, against 85 and 88 per million in the preceding two years. Under the heading homicide were classed 337 deaths, the rate of mortality being 11 per million. In 195 of these cases the verdict was murder, and in 142 cases manslaughter, the latter including two cases of justifiable homicide. There were 16 executions in the course of the year.

Ill-defined and Unspecified Causes.—In 26,275 cases, or 4.6 per cent. of the total deaths, the cause of death was so unsatisfactorily stated as to be useless for purposes of scientific classification—the deaths are therefore referred to this heading. The average proportion in the ten years 1883-92 had been 5.1 per cent. The reduction in the proportion of these un-

satisfactory returns was probably in great measure due to the issue from this Office in recent years of a large number of letters of inquiry addressed to medical men concerning doubtful or obscure certificates of the cause of death. The number of such letters in 1893 was 4452, the result being the transference of a large number of deaths from indefinite to definite headings; for example, 541 deaths were removed from more or less vague headings to cancer (or malignant disease), 105 to syphilis, and 219 to puerperal fever and other accidents of childbirth.

Certification of Causes of Death.—Of the 569,958 deaths registered during the year 1893, the causes of 522,783, or 91·7 per cent., were certified by registered medical practitioners, and the causes of 32,839, or 5·8 per cent., by coroners after inquest, while the causes of the remaining 14,336 deaths, or 2·5 per cent., were not certified. The 14,336 uncertified cases included deaths of infants who had been attended only by midwives, and those of persons attended by unregistered practitioners, as well as those of persons who had received no medical attendance of any kind in their last illness. In registration counties the proportions per cent. of uncertified deaths ranged from 0·7 in Middlesex, 0·9 in London, and 1·0 in Wiltshire, to 4·2 in Warwickshire, 4·6 in Huntingdonshire, 5·5 in North Wales, 5·6 in Herefordshire, and 5·7 in Westmorland. Among counties in which the proportion of uncertified deaths was greater in 1893 than it had been in 1892 were Sussex, Buckinghamshire, Leicestershire, and Westmorland; while considerable decrease was shown in Somersetshire, Nottinghamshire, Derbyshire, and Yorkshire.

Offences against the Registration Acts.—In 1893, 23 persons, on prosecution by order of the Registrar-General, were convicted of different offences against the Registration Acts, as under:—

For giving false information for registration	-	-	17
For making and giving false certificates of cause of death	-	-	3
For burying as still-born a child born alive	-	-	1
For giving a false declaration of still-birth	-	-	1
For otherwise procuring illegal burial	-	-	1
			23

PROGRESS OF REGISTRATION.

The names in the alphabetical indexes of births, deaths, and marriages recorded in the national registers of England and Wales were increased in the year 1893 by 1,921,878, this addition raising the aggregate number of names in the indexes, which at the end of 1893 embraced a period of 56½ years, to 87,053,427. The number of searches during 1893 in the various registers was 50,626, being 316 fewer than the number in the previous year. The number of certificates issued was 34,117, showing a decrease of 561 from the number in 1892. The fees received for searches and certificates in 1893, and paid into Her Majesty's Exchequer, amounted to 6,845*l.* 6*s.* 6*d.*, or 76*l.* 8*s.* 6*d.* less than in the previous year. (Table 26.)

A list of the various public registers and records lodged in the General Register Office, Somerset House, was published in the 34th Annual Report, pages xxi-xxii.

MORTALITY IN THE ARMY.*

The average strength of the Army at home and abroad in 1893 was 217,279, and the deaths were 1803, the rate of mortality thus being 8·3 per 1000, against 8·9 and 9·1 in the preceding two years. The mortality in the Army abroad was 10·9 per 1000, which was 1·6 per 1000 below the mean rate in the three years 1890-92; while that in the Army at home was 5·5 per 1000, against 5·4 and 4·7 in the preceding two years. (Table 29.)

MORTALITY IN THE NAVY.†

The average force afloat in 1893 was 60,120. The deaths were 679, being in the proportion of 11·29 per 1000 of the strength. Of the 679 deaths, 245 were due to disease, and 434 to violence; the death-rate from disease was therefore 4·07 per 1000, and that from violence 7·21 per 1000. Of the 434 deaths from violence 392 resulted from drowning, (including 358 by the sinking of the "Victoria") 2 from heatstroke, 35 from other accidental causes, and 5 from suicide.

BIRTHS AND DEATHS OF BRITISH SUBJECTS AT SEA.

Marine Register Book.—In accordance with the Births and Deaths Registration Act of 1874, commanding officers of ships trading to or from British ports are required, under penalty, to transmit returns of all births and deaths occurring on board their ships to the Registrar-General of Shipping and Seamen, who furnishes certified copies of such returns to the Registrars-General of England, Scotland, and Ireland. Similar returns are furnished by persons having charge of Her Majesty's Ships directly to the Registrars-General of Births and Deaths. These returns of births and deaths at sea constitute the "Marine Register Book." The entries of births and deaths of persons other than those stated to be of Scotch or Irish origin, reported to this Office, numbered respectively 189 and 3288 in the year 1893. Of the 3288 deaths, so far as could be judged by the entries, which are not always very precise, 1234 were of persons of English origin, while 139 others were of persons described simply as of British origin.

Mercantile Marine.—The Registrar-General of Shipping and Seamen reports that the number of masters and seamen afloat during the year 1893 in vessels belonging to the mercantile marine of the United Kingdom (including the islands in the British seas), and registered under the Merchant Shipping Acts, was 240,974, being 761 fewer than in the preceding year. The reported deaths numbered 3172, showing a rate of 13·1 per 1000 of the strength. This rate was 0·7 per 1000 below the mean rate in the five years 1888-92, and was identical with the rate in 1889, which had been the lowest rate on record. (Table 31.)

Among *passengers* on board merchant vessels at sea 78 births and 420 deaths were reported in 1893, the births exceeding by one, and the deaths exceeding by eight, the numbers recorded in the preceding year. (Table 32.)

INTERNATIONAL VITAL STATISTICS.

In Tables 39-56 will be found international statistics concerning the marriages, births, and deaths, in most of the European States.

* Based upon returns furnished by His Royal Highness the Commander-in-Chief.

† Based upon returns furnished by the Director-General of the Medical Department of the Navy.

A comparison of the death-rate in 1893, in each country from which a return was received, with the death-rates in preceding years shows that the mortality was generally somewhat below that of recent years, particularly in Hungary, in the Netherlands, in Belgium, and in Italy; but Switzerland and the German Empire experienced a slightly increased mortality.

In previous reports it has been pointed out that as the sex and age distribution of the population varies greatly in different countries, and as the rates largely depend on such distribution, the rates in one country cannot safely be compared with the rates in another, without correction for this difference in the constitution of the several populations.

In order to allow of fair comparison, it is most desirable that the several countries should agree upon some "Standard population," that is to say, a population with fixed age and sex distribution, for international use; so that the birth, marriage, and death rates for each country may be calculated by this standard. I again commend this suggestion to the notice of the respective Governments.

I have the honour to be,

Sir,

Your faithful Servant,

BRYDGES P. HENNIKER,

General Register Office, Somerset House,

Registrar-General.

5th December, 1894.

REMARKS ON THE METEOROLOGY OF THE YEAR 1893.*

By JAMES GLAISHER, Esq., F.R.S., &c.

The following remarks, both with regard to atmospheric pressure and temperature, are based on observations made near London, but they may be taken as having a general application.

Atmospheric Pressure.—The readings of the barometer were above their averages till February 7th, being as much as 0.53 in. above on January 19th, the mean daily excess for the 38 days being 0.13 in.; from February 8th to March 2nd it was below, being particularly so on the 21st, 22nd, and 26th of February, when it was as much as 1.29 in., 0.98 in., and 0.99 in. respectively below, and on several other days it was as much as three-quarters of an inch below its average, the mean daily deficiency for the 23 days ending March 2nd being 0.44 in.; from March 3rd to the 11th it was above, the mean daily excess being 0.14 in.; from March 12th to the 17th it was below, the mean daily deficiency being 0.26 in.; from March 18th to May 14th it was generally above, the mean daily excess being 0.23 in.; from May 15th to the 24th it was below, the mean daily deficiency being 0.16 in.; from May 25th to June 18th it was above its average, the mean daily excess being 0.16 in.; from June 19th to August 5th it was generally below, being as much as 0.70 in. below on June 23rd, the mean daily deficiency for the 48 days ending August 5th being 0.14 in.; from August 6th to the 17th it was above, the mean daily excess being 0.13 in.; from August 18th to the 23rd it was below, the mean daily deficiency being 0.18 in.; from August 24th to September 5th it was above, the mean daily excess being 0.09 in.; from September 6th to the 10th it was below, the mean daily deficiency being 0.27 in.; from September 11th to the 15th it was above, the mean daily excess being 0.11 in.; from September 16th to October 9th it was generally below, the mean daily deficiency for the 24 days being 0.31 in.; from October 10th to November 13th it was generally above, the mean daily excess being 0.17 in.; from November 14th to the 19th it was below, being particularly so on the 17th and 18th when it was as much as 0.79 in. and 0.70 in. respectively below, the mean daily deficiency for the 6 days being 0.36 in.; from November 20th to December 6th it was above, the mean daily excess being 0.24 in.; from December 7th to the 14th it was below, being particularly so on the 13th, when it was as much as 0.80 in. below, and on several other days it was as much as half an inch below its average, the mean daily deficiency for the 8 days being 0.45 in.; from December 15th to the 18th it was above, the mean daily excess being 0.34 in.; from December 19th to the 22nd it was below, being as much as 1.15 in. below its average on the 20th, the mean daily deficiency being 0.52 in.; and from December 23rd to the 31st it was above its average, being more than half an inch in excess on two or three days, the mean daily excess for the 9 days ending December 31st being 0.38 in.

The highest reading of the barometer at the height of 159 feet above the sea was 30.536 ins. on December 29th; and the lowest was 28.561 ins. on February 21st. The yearly range was 1.975 in.

Temperature.—The temperature of the air was below its average till January 18th, being particularly so on the 2nd, 3rd, 4th, and 5th, the mean daily deficiency for these 4 days being 1.4°; the mean daily deficiency for the 18 days ending January 18th was 6°.7; from January 19th to February 21st it was generally above its average, being particularly

* For Meteorological Tables, see pp. lx-lxv.

so on the 31st of January and 19th of February, when it was as much as $10^{\circ}6$ and $11^{\circ}6$ respectively above, the mean daily excess for the 34 days being $3^{\circ}5$; from February 22nd to the 28th it was cold and below its average, the mean daily deficiency being $3^{\circ}9$; from March 1st to the 16th it was above, the mean daily excess being $5^{\circ}3$; from March 17th to the 21st it was below, the mean daily deficiency being $4^{\circ}3$; from March 22nd to May 27th it was generally above, being particularly so on the 19th, 20th, and 21st of April and on the 13th of May, when it was as much as $10^{\circ}3$, $10^{\circ}8$, $11^{\circ}0$, and $10^{\circ}9$ respectively above, and on several other days in this period it was as much as 8° and 9° above its average, the mean daily excess for the 69 days ending May 29th being $3^{\circ}7$; from May 30th to June 3rd it was below, the mean daily deficiency being $3^{\circ}9$; from June 4th to the 19th it was above, being particularly so from June 15th to the 19th, the mean daily excess for the 4 days being $10^{\circ}3$; the mean daily excess for the 16 days ending June 19th was $4^{\circ}5$; from June 20th to the 26th it was below, the mean daily deficiency being $3^{\circ}1$; from June 27th to July 11th it was above, being as much as $11^{\circ}9$ in excess of the average on July 8th, the mean daily excess being $4^{\circ}2$; from July 12th to August 7th it was generally below, the mean daily deficiency being $2^{\circ}1$; from August 8th to the 22nd it was above its average, being particularly so from the 15th to the 18th, the mean daily excess for these 4 days being $13^{\circ}1$; and the mean daily excess for the 15 days ending August 22nd was $8^{\circ}4$; from August 23rd to the 29th it was below, the mean daily deficiency being $2^{\circ}8$; from August 30th to September 8th it was above, the mean daily excess being $2^{\circ}5$; from September 9th to the 13th it was below, the mean daily deficiency being $3^{\circ}2$; from September 14th to the 20th it was above, the mean daily excess being $2^{\circ}6$; from September 21st to the 26th it was below, the mean daily deficiency being $6^{\circ}0$; from September 27th to October 29th it was generally above its average, being as much as $10^{\circ}6$ and $10^{\circ}3$ above on October 15th and 16th respectively; the mean daily excess for the 33 days ending October 29th was $2^{\circ}0$; from October 30th to November 27th it was below, the mean daily deficiency being $3^{\circ}2$; from November 28th to the 30th it was above, the mean daily excess being $7^{\circ}3$; from December 1st to the 5th it was below, being particularly so on the 2nd and 3rd of December, when it was as much as $11^{\circ}4$ and $10^{\circ}4$ respectively below its average, the mean daily deficiency being $5^{\circ}7$; from December 6th to the 28th it was above, the mean daily excess being $3^{\circ}2$; and from December 29th to the end of the year it was below its average, being as much as $10^{\circ}3$ below on the 31st, the mean daily deficiency being $5^{\circ}5$.

The highest temperatures of the air were at the Royal Observatory $80^{\circ}5$, and at Barnet and Cambridge $80^{\circ}1$; and the lowest were at Salisbury $19^{\circ}8$, at Barnet $19^{\circ}9$, and at Carlisle $21^{\circ}9$.

Rainfall.—The fall of rain was below its average in January, above in February, and below its average again in March; the total fall in the three months at Greenwich was $4^{\circ}60$ ins., or $0^{\circ}35$ in. below the average. The fall of rain was below its average in each of the months of April, May, and June; the total fall in the three months at Greenwich was $1^{\circ}47$ in., or $4^{\circ}31$ ins. below the average. The fall of rain was above its average in July, and below in both August and September. The total fall in the three months at Greenwich was $5^{\circ}87$ ins. or $1^{\circ}44$ in. below the average. The fall of rain was above its average in October, below in November, and above its average again in December; the total fall in the three months at Greenwich was $8^{\circ}19$ ins. or $1^{\circ}12$ in. above the average.

The heaviest falls of rain at our stations were at Stonyhurst $50^{\circ}56$ ins., at Bath $35^{\circ}17$ ins., and at Barnstaple $32^{\circ}02$ ins.

The least falls were at Somerleyton $17^{\circ}15$ ins., at Lowestoft $17^{\circ}47$ ins., and at Tottenham $18^{\circ}57$ ins.

The greatest number of days of rain were at Stonyhurst 212, at Carlisle 189, and at Guernsey 184.

The smallest number of rainy days were at Barnet 125, and at Tottenham and Oxford 135.

Thunderstorms occurred on 61 days at the different stations during the year; of these 12 were in July, 9 in June, 8 in each of the months of May, August, and October, 7 in September, 3 in both April and December, 2 in February, one in November, and none were reported in either January or March.

Thunder was heard but lightning was not seen on 59 days during the year; of these 12 were in both June and July, 9 in May, 8 in August, 6 in both September and October, 3 in December, 2 in April, and one in February.

Lightning was seen but thunder was not heard on 53 days during the year; of these 12 were in October, 9 in August, 6 in both July and September, 5 in both May and December, 4 in June, 2 in both February and April, and one in both January and March.

Solar halos were seen on 80 days during the year; of these 13 were in May, 11 in March, 10 in April, 8 in September, 7 in February, 6 in both January and August, 5 in both July and October, 4 in June, 3 in December, and 2 in November.

Lunar halos were seen on 34 days during the year; of these 11 were in March, 4 in both January and September, 3 in each of the months of February, April, and October, and 2 in each of the months of May, August, and December.

Snow fell on 60 days during the year; of these 18 were in January, 11 in each of the months of February, November, and December; 4 in March; 2 in both September and October; and one in April. The last fall in the spring was on April 17th at Halifax; none fell in May, June, July, or August; and the first fall in the autumn was on September 22nd at Halifax.

Hail fell on 73 days during the year; of these 13 were in February, 11 in November, 9 in December, 8 in both January and October, 6 in August, 4 in each of the months of March, June, and September, 3 in May, 2 in April, and one in July.

Fog prevailed on 126 days during the year; of these 20 were in January, 19 in March, 13 in both October and December, 11 in both April and November, 9 in both February and August, 8 in both June and September, and 5 in May.

TABLE 1.—United Kingdom: Population of its several portions estimated to the middle of each of the Years 1844-93, exclusive of the Population of the Islands in the British Seas, and of the portions of the Army, Navy, and Merchant Service Abroad.

Table with 7 columns: YEAR, UNITED KINGDOM (Persons, Males, Females), ENGLAND AND WALES (Persons, Males, Females). Rows range from 1844 to 1893.

NOTE.—In Table I. of the Annual Report for 1892, the totals in columns 2, 3, and 4, relating to the years 1881-91, were incorrectly given: the corrected figures have been substituted in the present Table.

middle of each of the Years 1844-93, exclusive of the Population of the Islands in the British Seas, and of the portions of the Army, Navy, and Merchant Service Abroad.

Table with 7 columns: YEAR, SCOTLAND (Persons, Males, Females), IRELAND (Persons, Males, Females). Rows range from 1844 to 1893.

* The Estimates of Population for Scotland and Ireland have been supplied by the Registrars-General for those parts of the United Kingdom.

TABLE 2.—ENGLAND.—Annual Marriage-, Birth-, and Death-rates, 1844-93.

YEAR.	MAR-RIAGES. Persons Married to 1000 living.	BIRTHS.				DEATHS.				YEAR.	
		Births to 1000 Living.			Illegitimate Births in 1000 Births.	Deaths to 1000 Living.			Deaths of Males to 1000 Deaths of Females, in equal Numbers Living.		
		Total.	Legi-timate.	Illegi-timate.		Persons.	Males.	Females.			
1844	16.0	32.6	—	—	—	1054	21.5	22.3	20.8	1074	1844
1845	17.2	32.5	30.2	2.3	70	1050	20.9	21.7	20.1	1077	1845
1846	17.2	33.8	31.5	2.3	67	1049	23.0	23.9	22.2	1076	1846
1847	15.8	31.5	29.4	2.1	67	1043	24.7	25.5	23.9	1069	1847
1848	15.9	32.4	30.3	2.1	65	1050	23.0	23.8	22.2	1074	1848
1849	16.2	32.9	30.7	2.2	68	1043	25.1	25.8	24.4	1054	1849
1850	17.2	33.4	31.1	2.3	68	1042	20.8	21.4	20.1	1064	1850
1851	17.2	34.2	31.9	2.3	68	1047	22.0	22.8	21.2	1072	1851
1852	17.4	34.2	31.9	2.3	68	1046	22.3	23.2	21.5	1078	1852
1853	17.9	33.3	31.1	2.2	65	1051	22.9	23.8	22.0	1085	1853
1854	17.2	34.1	31.9	2.2	64	1044	23.5	24.4	22.7	1077	1854
1855	16.2	33.7	31.5	2.2	64	1041	22.6	23.5	21.7	1081	1855
1856	16.7	34.4	32.2	2.2	65	1042	20.5	21.3	19.6	1085	1856
1857	16.5	34.4	32.2	2.2	65	1052	21.8	22.6	21.1	1071	1857
1858	16.0	33.7	31.5	2.2	66	1045	23.1	23.9	22.3	1070	1858
1859	17.0	35.0	32.7	2.3	65	1046	22.4	23.3	21.5	1080	1859
1860	17.1	34.3	32.1	2.2	64	1047	21.2	22.1	20.3	1090	1860
1861	16.3	34.6	32.4	2.2	63	1046	21.6	22.7	20.6	1099	1861
1862	16.1	35.0	32.8	2.2	63	1041	21.4	22.4	20.5	1095	1862
1863	16.8	35.3	33.0	2.3	65	1047	23.0	24.1	21.9	1101	1863
1864	17.2	35.4	33.1	2.3	64	1042	23.7	24.9	22.5	1104	1864
1865	17.5	35.4	33.2	2.2	62	1040	23.2	24.5	22.0	1113	1865
1866	17.5	35.2	33.1	2.1	60	1043	23.4	24.6	22.2	1106	1866
1867	16.5	35.4	33.3	2.1	59	1043	21.7	23.0	20.5	1118	1867
1868	16.1	35.8	33.7	2.1	59	1036	21.8	23.1	20.7	1115	1868
1869	15.9	34.8	32.8	2.0	58	1042	22.3	23.6	21.0	1119	1869
1870	16.1	35.2	33.2	2.0	56	1041	22.9	24.2	21.6	1121	1870
1871	16.7	35.0	33.0	2.0	56	1035	22.6	23.9	21.3	1123	1871
1872	17.4	35.6	33.7	1.9	54	1041	21.3	22.6	19.9	1134	1872
1873	17.6	35.4	33.6	1.8	52	1039	21.0	22.4	19.8	1132	1873
1874	17.0	36.0	34.2	1.8	50	1037	22.2	23.6	20.9	1128	1874
1875	16.7	35.4	33.7	1.7	48	1043	22.7	24.1	21.4	1126	1875
1876	16.5	36.3	34.6	1.7	47	1038	20.9	22.3	19.6	1140	1876
1877	15.7	36.0	34.3	1.7	47	1036	20.3	21.7	18.9	1145	1877
1878	15.2	35.6	33.9	1.7	47	1042	21.6	22.9	20.3	1126	1878
1879	14.4	34.7	33.0	1.7	48	1036	20.7	22.0	19.6	1124	1879
1880	14.9	34.2	32.6	1.6	48	1036	20.5	21.8	19.3	1130	1880
1881	15.1	33.9	32.2	1.7	49	1039	18.9	20.0	17.8	1123	1881
1882	15.5	33.8	32.2	1.6	49	1038	19.6	20.7	18.5	1119	1882
1883	15.5	33.5	31.9	1.6	48	1035	19.6	20.8	18.5	1122	1883
1884	15.1	33.6	32.0	1.6	47	1041	19.7	20.9	18.5	1125	1884
1885	14.5	32.9	31.3	1.6	48	1040	19.2	20.3	18.2	1116	1885
1886	14.2	32.8	31.2	1.6	47	1038	19.5	20.6	18.5	1119	1886
1887	14.4	31.9	30.4	1.5	48	1039	19.1	20.2	18.1	1116	1887
1888	14.4	31.2	29.8	1.4	46	1033	18.1	19.2	17.0	1128	1888
1889	15.0	31.1	29.7	1.4	46	1038	18.2	19.3	17.2	1121	1889
1890	15.5	30.2	28.9	1.3	44	1033	19.5	20.8	18.3	1136	1890
1891	15.6	31.4	30.1	1.3	42	1038	20.2	21.5	19.0	1123	1891
1892	15.4	30.5	29.1	1.3	42	1035	19.0	20.0	18.0	1111	1892
1893	14.7	30.8	29.5	1.3	42	1036	19.2	20.3	18.1	1117	1893

TABLE 3.—ENGLAND.—Annual Marriage-, Birth-, and Death-rates, in Groups of Years, 1838-93.

PERIOD.	MAR-RIAGES. Persons Married to 1,000 Living.	BIRTHS.				Births of Males to 1,000 Births of Females.	DEATHS.			Deaths of Males to 1,000 Deaths of Females, in equal Numbers Living.
		Births to 1000 Living.			Illegi-timate Births in 1000 Births.		Deaths to 1000 Living.			
		Total.	Legi-timate.	Illegi-timate.			Per-sons.	Males.	Fe-males.	
1838-93 -	16.1	33.7	32.0*	1.9*	56*	1043	21.5	22.5	20.4	1102
1841-50 -	16.1	32.6	—	—	—	1049	22.4	23.1	21.6	1070
1851-60 -	16.9	34.1	31.9	2.2	65	1046	22.2	23.1	21.4	1079
1861-70 -	16.6	35.2	33.1	2.2	61	1042	22.5	23.7	21.4	1109
1871-80 -	16.2	35.4	33.7	1.8	50	1038	21.4	22.7	20.1	1131
1881-90 -	14.9	32.5	31.0	1.5	47	1037	19.1	20.3	18.1	1123
1838-40 -	15.6	31.3	—	—	—	1048	22.4	23.3	21.5	1084
1841-45 -	15.7	32.3	—	—	—	1052	21.4	22.2	20.6	1073
1846-50 -	16.5	32.8	30.6	2.2	67	1045	23.3	24.1	22.6	1067
1851-55 -	17.2	33.9	31.7	2.2	66	1046	22.7	23.5	21.8	1079
1856-60 -	16.7	34.4	32.1	2.2	65	1046	21.8	22.6	21.0	1079
1861-65 -	16.8	35.1	32.9	2.2	63	1043	22.6	23.7	21.5	1102
1866-70 -	16.4	35.3	33.2	2.1	58	1041	22.4	23.7	21.2	1116
1871-75 -	17.1	35.5	33.6	1.8	52	1039	22.0	23.3	20.7	1129
1876-80 -	15.3	35.4	33.7	1.7	47	1038	20.8	22.1	19.5	1133
1881-85 -	15.1	33.5	31.9	1.6	48	1039	19.4	20.5	18.3	1121
1886-90 -	14.7	31.4	30.0	1.4	46	1036	18.9	20.0	17.8	1124

* For the period 1845-93 only.

TABLE 4.—ENGLAND.—Annual Marriage-, Birth-, and Death-rates in each Quarter; in Groups of Years, 1838-93, and in each Year, 1884-93.

PERIOD.	PERSONS MARRIED TO 1000 LIVING.				BIRTHS TO 1000 LIVING.				DEATHS TO 1000 LIVING.			
	Quarter ending				Quarter ending				Quarter ending			
	March.	June.	Sept.	Dec.	March.	June.	Sept.	Dec.	March.	June.	Sept.	Dec.
1838-93 -	13.2	16.4	15.6	19.0	34.9	34.7	32.6	32.4	23.9	21.1	19.6	21.1
1841-50 -	13.3	16.4	15.2	19.2	34.2	33.7	31.2	31.2	24.7	22.0	21.0	21.7
1851-60 -	14.1	17.1	16.3	20.1	35.8	35.5	32.8	32.5	24.7	22.1	20.3	21.9
1861-70 -	13.8	16.9	16.2	19.6	36.6	36.3	34.0	33.9	25.2	21.8	21.0	22.1
1871-80 -	13.4	16.5	15.8	19.2	36.6	36.1	34.6	34.5	23.7	20.9	19.6	21.3
1881-90 -	11.9	15.4	14.9	17.6	33.4	33.2	31.9	31.5	21.6	18.7	17.3	19.1
1884 -	12.4	16.0	14.8	17.3	33.5	34.4	33.3	33.1	19.7	19.1	19.9	20.0
1885 -	11.7	15.3	14.4	16.6	34.6	32.7	31.9	32.3	22.0	19.5	16.7	18.7
1886 -	11.6	14.7	14.0	16.7	33.9	33.7	32.3	31.4	23.1	18.3	18.1	18.7
1887 -	11.3	15.2	14.2	16.9	31.9	32.6	31.8	31.1	20.9	18.5	17.9	19.1
1888 -	11.5	14.7	14.6	17.0	31.9	31.9	30.3	30.6	21.4	17.8	15.2	18.1
1889 -	11.7	15.7	15.0	17.7	31.4	32.1	30.7	30.4	19.9	17.5	17.1	18.4
1890 -	11.5	16.5	15.8	18.2	31.8	30.7	30.5	28.1	23.3	17.9	16.9	20.1
1891 -	13.7	14.5	16.0	18.0	32.0	33.0	30.6	30.1	22.0	23.7	15.9	19.3
1892 -	11.7	16.4	15.7	17.8	30.0	31.7	30.9	29.3	24.9	18.0	15.7	17.4
1893 -	11.0	15.9	15.6	16.3	31.5	31.7	30.6	29.2	19.7	18.0	19.2	19.0

* The Estimates of Population for Scotland and Ireland have been supplied by the Registrar-General for those parts of the United Kingdom.

TABLE 5.—ENGLAND.—Marriages.—Manner of Solemnization, 1844-93.

YEAR.	OF 1000 MARRIAGES.											
	ACCORDING TO THE RITES OF THE ESTABLISHED CHURCH.						NOT ACCORDING TO THE RITES OF THE ESTABLISHED CHURCH.					
	Special Licence.	Licence.	Banns.	Superintendent Registrar's Certificate.	Not stated.	TOTAL IN ESTABLISHED CHURCH.	TOTAL NOT IN ESTABLISHED CHURCH.	In Registered Places.	Other Christian Denominations.	Quakers.	Jews.	Civil Marriages in Superintendent Registrar's Office.
1844	0.1	113	643	12	139	907	93	17	48	0.4	1.3	26
1845	0.1	111	646	12	132	901	99	20	49	0.5	1.3	23
1846	0.1	118	638	13	127	896	104	21	52	0.5	1.5	29
1847	0.1	126	625	14	125	890	110	22	55	0.6	1.4	31
1848	0.1	122	626	16	115	879	121	26	58	0.5	1.3	35
1849	0.1	118	639	18	93	868	132	30	61	0.4	1.6	39
1850	0.1	114	645	21	77	857	143	37	63	0.5	1.7	41
1851	0.1	115	644	22	68	849	151	43	62	0.4	1.7	44
1852	0.1	123	670	23	27	843	157	47	63	0.4	1.6	45
1853	0.1	125	664	23	27	839	161	51	62	0.5	1.8	46
1854	0.1	132	658	24	26	840	160	49	61	0.3	1.8	48
1855	0.1	134	655	25	26	840	160	48	61	0.4	1.5	49
1856	0.1	134	655	25	25	839	161	47	60	0.5	2.0	51
1857	0.1	134	641	24	25	824	176	46	67	0.4	2.0	61
1858	0.1	127	644	24	26	821	179	43	70	0.5	1.4	64
1859	0.1	121	643	25	23	812	188	46	75	0.4	1.9	65
1860	0.1	122	638	25	22	807	193	46	79	0.4	1.8	66
1861	0.1	123	623	25	22	798	202	48	80	0.4	1.6	72
1862	0.1	119	627	24	21	791	209	45	84	0.4	1.8	78
1863	0.1	111	632	25	20	788	212	47	84	0.3	1.8	79
1864	0.1	110	629	24	19	782	218	48	87	0.3	1.9	81
1865	0.1	112	629	22	19	782	218	47	89	0.3	1.9	80
1866	0.1	108	630	23	17	778	222	48	91	0.3	1.6	81
1867	0.1	108	623	22	17	775	225	44	95	0.4	1.8	84
1868	0.1	103	627	23	16	769	231	42	97	0.4	1.7	90
1869	0.1	98	627	23	15	763	237	41	99	0.3	1.9	95
1870	0.1	94	634	22	10	760	240	41	99	0.3	2.0	98
1871	0.1	89	642	22	8	761	239	40	100	0.3	2.1	97
1872	0.1	85	645	21	6	757	243	42	100	0.2	2.1	99
1873	0.1	85	642	20	5	752	248	40	102	0.4	2.4	103
1874	0.1	87	637	19	4	747	253	40	105	0.2	2.3	105
1875	0.1	87	635	18	4	744	256	42	107	0.3	2.4	104
1876	0.2	87	630	18	3	738	262	42	110	0.3	2.3	107
1877	0.1	84	627	18	4	733	267	43	112	0.4	2.2	109
1878	0.1	92	623	18	3	726	274	42	113	0.3	2.7	116
1879	0.2	78	624	18	3	723	277	41	113	0.3	2.5	120
1880	0.2	73	623	18	3	717	283	43	111	0.3	2.4	126
1881	0.3	68	626	18	3	715	285	45	111	0.3	2.5	126
1882	0.4	65	631	17	2	715	285	45	111	0.3	2.5	126
1883	0.3	63	629	18	2	712	288	44	113	0.3	2.6	128
1884	0.3	60	628	17	2	707	293	43	116	0.3	2.9	131
1885	0.3	58	630	17	3	708	292	41	118	0.2	3.2	130
1886	0.2	56	632	17	2	707	293	42	117	0.2	3.4	130
1887	0.1	53	629	17	2	701	299	43	116	0.3	3.2	136
1888	0.1	51	632	16	2	701	299	42	116	0.3	3.9	137
1889	0.1	48	632	16	2	698	302	42	116	0.3	4.1	140
1890	0.1	47	637	15	2	701	299	43	115	0.3	4.0	137
1891	0.1	46	637	14	2	699	301	42	118	0.3	4.6	136
1892	0.1	45	637	14	2	698	302	40	118	0.3	4.6	139
1893	0.1	44	634	13	1	692	308	41	118	0.4	5.1	143

TABLE 6.—ENGLAND.—Marriages.—Manner of Solemnization, in Counties, 1893.

REGISTRATION COUNTY.	OF 1000 MARRIAGES.											
	ACCORDING TO THE RITES OF THE ESTABLISHED CHURCH.						NOT ACCORDING TO THE RITES OF THE ESTABLISHED CHURCH.					
	Special Licence.	Licence.	Banns.	Superintendent Registrar's Certificate.	Not stated.	TOTAL IN ESTABLISHED CHURCH.	TOTAL NOT IN ESTABLISHED CHURCH.	In Registered Places.	Other Christian Denominations.	Quakers.	Jews.	Civil Marriages in Superintendent Registrar's Office.
ENGLAND	0.1	44	634	13	1	692	308	41	118	0.4	5.1	143
I.—LONDON.												
London	0.4	48	720	0	0	768	232	33	41	0.4	21.2	131
II.—SOUTH EASTERN.												
Surrey	—	46	716	3	0	765	235	25	80	0.8	—	129
Kent	0.2	27	711	10	2	750	250	14	117	0.2	0.2	119
Sussex	—	45	719	3	1	763	232	15	79	0.5	0.5	137
Hampshire	0.2	40	676	8	3	727	273	16	92	0.2	1.0	164
Berkshire	—	40	759	2	4	805	195	9	86	2.2	—	98
III.—SOUTH MIDLAND.												
Middlesex	—	49	742	2	1	794	206	18	79	—	—	109
Hertfordshire	—	34	795	—	3	833	167	4	102	—	—	61
Buckinghamshire	1.0	23	769	6	5	804	196	—	106	—	—	90
Oxfordshire	—	37	776	4	5	822	178	13	94	0.8	0.8	70
Northamptonshire	—	27	694	6	4	731	269	5	135	—	—	129
Huntingdonshire	—	6	800	—	6	812	188	—	115	—	—	73
Bedfordshire	—	23	715	6	3	747	253	3	161	—	—	89
Cambridgeshire	—	34	752	—	4	790	210	6	111	1.5	—	91
IV.—EASTERN.												
Essex	0.2	31	757	2	3	793	207	20	94	0.8	—	92
Suffolk	—	23	736	2	5	771	229	5	111	0.4	—	113
Norfolk	0.3	36	738	2	4	780	220	8	95	—	—	117
V.—SOUTH WESTERN.												
Wiltshire	0.6	30	681	2	7	721	279	6	163	—	—	110
Dorsetshire	—	46	701	4	9	760	240	10	121	—	—	109
Devonshire	—	63	510	4	2	579	421	12	152	—	0.4	257
Cornwall	0.5	71	453	2	1	533	467	2	266	0.5	—	193
Somersetshire	—	47	698	6	6	757	243	6	142	0.3	—	95
VI.—WEST MIDLAND.												
Gloucestershire	—	45	668	2	3	718	232	12	102	1.4	1.7	165
Herefordshire	—	60	661	4	4	729	271	10	102	5.1	—	154
Shropshire	—	59	693	9	4	765	235	13	123	—	—	99
Staffordshire	—	27	741	8	0	776	224	35	92	—	0.4	97
Worcestershire	—	34	785	4	1	824	176	14	72	—	—	90
Warwickshire	—	18	761	5	2	786	214	28	53	0.3	3.9	124
VII.—NORTH MIDLAND.												
Leicestershire	—	21	682	12	1	716	234	26	123	—	0.3	135
Rutlandshire	—	49	776	—	21	846	154	7	56	—	—	91
Lincolnshire	—	44	724	3	3	774	226	8	161	0.3	0.3	56
Nottinghamshire	0.3	36	662	1	3	702	298	15	101	0.3	—	182
Derbyshire	—	53	657	8	1	719	281	23	167	—	—	91
VIII.—NORTH WESTERN.												
Cheshire	—	59	605	12	0	676	324	57	157	0.2	—	110
Lancashire	0.0	52	545	38	0	635	365	112	150	0.3	3.8	99
IX.—YORK.												
West Riding	0.1	29	675	21	1	726	274	37	142	0.2	6.0	89
East Riding (with York)	—	54	646	1	1	702	293	36	121	0.6	4.5	136
North Riding	—	83	587	6	3	679	321	55	111	1.8	0.5	153
X.—NORTHERN.												
Durham	0.1	40	437	44	0	521	479	78	114	0.4	1.3	285
Northumberland	—	56	468	9	1	534	466	73	118	0.5	1.3	273
Cumberland	—	103	433	41	—	587	413	65	119	3.4	—	226
Westmorland	—	116	658	17	7	798	202	7	114	—	—	31
XI.—WELSH.												
Monmouthshire	—	41	403	10	3	457	543	48	198	—	3.8	293
South Wales	—	52	246	15	1	314	686	27	235	0.2	1.4	422
North Wales	0.3	61	233	14	2	315	685	13	389	—	—	233

NOTE.—A cipher indicates that the number of marriages was too small to show a rate of one per 1000. When no marriages occurred, — is inserted.

1873 Church 752 RE 40 Dissol 102 Regit 108
 1873 692 41 118

TABLE 7.—ENGLAND.—First Marriages, Re-Marriages, Marriages of Minors, and Signatures by Mark, 1844-93.

YEAR.	IN 1000 MARRIAGES.								
	FIRST MARRIAGES.		RE-MARRIAGES.		UNDER 21 YEARS.		SIGNED BY MARK.		
	Bachelors.	Spinners.	Widowers.	Widows.	Men.	Women.	Men.	Women.	Both.
1844	872	915	128	85	42	132	324	492	-
1845	874	914	126	86	44	135	332	496	-
1846	874	917	126	83	43	137	326	482	-
1847	871	915	129	85	41	133	312	455	240
1848	862	911	133	89	44	141	312	454	239
1849	862	911	138	89	47	149	310	459	-
1850	855	907	145	93	49	151	311	462	-
1851	860	910	140	90	50	157	308	453	235
1852	865	911	135	89	54	170	305	446	231
1853	864	910	136	90	56	178	304	439	227
1854	864	910	136	90	58	180	300	427	221
1855	853	905	144	95	55	179	295	412	211
1856	861	906	139	94	57	183	288	402	202
1857	862	909	138	91	56	181	277	388	192
1858	858	908	142	92	59	184	270	376	184
1859	859	909	141	91	62	191	267	376	182
1860	861	910	139	90	63	194	255	362	170
1861	860	909	140	91	64	195	246	347	161
1862	863	910	137	90	65	198	237	332	153
1863	865	912	135	88	66	199	238	331	153
1864	862	909	138	91	66	201	233	324	147
1865	861	908	139	92	67	201	225	312	141
1866	861	906	139	94	67	200	216	300	134
1867	857	904	143	96	69	202	211	288	127
1868	860	906	140	94	72	210	201	278	119
1869	860	905	140	95	72	214	199	276	117
1870	864	904	136	96	75	216	198	273	116
1871	861	903	139	97	79	220	194	268	113
1872	863	901	137	99	80	223	194	263	111
1873	863	899	137	101	82	224	188	254	106
1874	863	898	137	102	84	227	179	242	98
1875	859	898	141	102	83	222	172	232	93
1876	859	897	141	103	83	220	163	221	86
1877	862	901	138	99	81	220	153	209	79
1878	864	902	136	98	78	216	146	198	73
1879	865	905	135	95	74	214	138	185	67
1880	869	905	131	95	73	215	140	186	68
1881	872	908	128	92	72	214	135	177	64
1882	875	912	125	88	76	220	132	171	62
1883	876	911	124	89	74	218	126	155	55
1884	874	911	126	89	73	213	117	142	48
1885	873	912	127	83	70	210	107	129	43
1886	876	914	124	83	67	206	96	115	37
1887	878	916	122	84	65	202	91	106	34
1888	881	917	119	83	63	199	83	97	29
1889	885	919	115	81	61	199	78	90	27
1890	885	919	115	81	60	195	72	83	24
1891	886	919	114	81	59	190	64	73	21
1892	884	918	116	82	59	187	56	66	19
1893	886	920	114	80	56	181	50	57	16

TABLE 8.—ENGLAND.—Marriages, Marriages of Minors, and Signatures by Mark in Counties, 1883-1892, and 1893.

REGISTRATION COUNTY.	IN 1000 MARRIAGES.										
	Persons Married in 1000 living.		Under 21 Years.				Signed by Mark.				
	Average of Ten Years, 1883-92.		1893.		Average of Ten Years, 1883-92.		1893.				
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Both.		
ENGLAND	15.0	14.7	66	202	56	181	89	106	50	57	16
I.—LONDON.											
London	17.4	17.2	55	187	47	163	49	64	34	43	14
II.—SOUTH EASTERN.											
Surrey	12.5	12.7	38	145	28	125	53	84	34	22	7
Kent	13.3	13.8	47	198	43	179	72	51	44	27	6
Sussex	12.6	13.8	50	167	40	138	69	32	46	25	8
Hampshire	14.5	14.8	37	175	35	158	65	41	38	24	3
Berkshire	12.9	13.1	45	150	33	138	90	51	43	25	10
III.—SOUTH MIDLAND.											
Middlesex	11.1	11.2	47	164	45	159	61	43	36	25	6
Hertfordshire	11.0	11.4	76	177	43	151	143	93	70	52	15
Buckinghamshire	12.4	12.2	81	201	52	169	124	82	84	45	19
Oxfordshire	12.9	12.5	51	162	49	131	96	57	54	33	12
Northamptonshire	14.3	14.3	98	216	82	190	85	74	44	44	14
Huntingdonshire	12.7	12.6	73	192	80	137	127	71	51	29	10
Bedfordshire	13.4	13.5	120	296	98	169	126	134	61	66	20
Cambridgeshire	13.1	13.5	74	207	67	196	142	88	80	45	14
IV.—EASTERN.											
Essex	12.3	12.2	62	217	51	207	96	65	50	35	10
Suffolk	13.0	13.8	71	204	53	175	156	87	78	49	16
Norfolk	13.6	12.9	77	207	65	183	140	87	69	42	15
V.—SOUTH WESTERN.											
Wiltshire	12.9	12.9	55	156	39	155	100	69	59	25	8
Dorsetshire	13.6	14.1	52	151	41	127	101	56	58	25	7
Devonshire	15.0	14.8	40	136	33	128	65	67	37	32	7
Cornwall	13.4	13.0	50	147	39	134	140	131	84	70	22
Somersetshire	13.3	13.0	67	157	60	137	108	86	64	45	16
VI.—WEST MIDLAND.											
Gloucestershire	15.3	15.2	74	174	63	170	92	84	52	47	12
Herefordshire	12.1	14.0	32	129	28	117	134	76	71	47	18
Shropshire	12.4	12.9	33	133	28	118	124	104	76	49	13
Staffordshire	15.3	15.1	91	254	87	236	143	172	69	80	26
Worcestershire	14.1	14.1	70	187	57	128	114	125	62	74	23
Warwickshire	15.5	15.2	75	212	61	192	95	124	51	70	15
VII.—NORTH MIDLAND.											
Leicestershire	14.7	14.6	105	232	94	209	73	92	39	43	8
Rutlandshire	11.3	13.1	28	131	28	147	70	30	56	35	21
Lincolnshire	13.9	14.5	46	198	39	183	86	67	46	36	6
Nottinghamshire	16.0	15.2	106	273	99	256	94	109	49	54	12
Derbyshire	14.5	14.3	80	252	70	227	88	91	38	41	9
VIII.—NORTH WESTERN.											
Cheshire	13.8	14.1	61	174	51	161	84	108	44	51	14
Lancashire	16.1	15.3	76	208	65	182	86	150	47	78	18
IX.—YORK.											
West Riding	15.7	14.9	80	234	67	199	91	136	55	78	25
East Riding (with York)	15.9	15.4	63	239	54	209	70	87	42	48	11
North Riding	13.7	12.5	56	226	45	204	98	98	54	48	11
X.—NORTHERN.											
Durham	15.4	14.4	68	288	61	263	112	154	62	82	20
Northumberland	16.0	14.9	46	208	40	192	67	101	36	61	14
Cumberland	13.5	13.1	48	181	45	169	78	105	40	58	11
Westmorland	12.8	12.6	40	125	31	119	31	40	24	21	2
XI.—WELSH.											
Monmouthshire	16.1	14.8	71	247	63	236	175	181	88	95	26
South Wales	15.9	15.5	60	198	52	193	133	192	68	101	25
North Wales	12.6	13.9	29	105	25	97	145	169	84	88	23

TABLE 9.—ENGLAND.—Churches and Chapels of the Established Church, and other Registered Buildings for Solemnization of Marriage, 31st December, 1893.

Table with columns: REGISTRATION COUNTIES, ALL RELIGIOUS DENOMINATIONS, ESTABLISHED CHURCH, ALL OTHER RELIGIOUS DENOMINATIONS (Presbyterians, Independents, Baptists, United Brethren or Moravians, Roman Catholics, Unitarians, Wesleyan Methodists (Original Connexion, New Connexion, Primitive Methodists, United Methodist Free Church, Other Wesleyan Methodists), Calvinistic Methodists, Countess of Huntingdon's Connexion, New Jerusalem Church, Catholic and Apostolic Church, and All others. Rows list counties from ENGLAND down to XI.—WELSH.

TABLE 10.—ENGLAND.—Birth- and Death-rates in Counties, 1883-92, and 1893.

Table with columns: REGISTRATION COUNTY, Births to 1000 Living (Ten Years 1883-92, 1893), Illegitimate Births to 1000 Births (Ten Years 1883-92, 1893), Males Born to 1000 Females Born (Ten Years 1883-92, 1893), Deaths to 1000 Living (Ten Years 1883-92, 1893), and Deaths of Children under one year to 1000 Births (Ten Years 1883-92, 1893). Rows list counties from ENGLAND down to XI.—WELSH.

* See note to Table 19.

TABLE 17.—ENGLAND.—Annual Death-rates, from various Causes, to a Million Persons living, in Groups of Years, 1858-90.

CAUSE OF DEATH.	3 Years 1858-60.	5 Years 1861-65.	5 Years 1866-70.	5 Years 1871-75.	5 Years 1876-80.	5 Years 1881-85.	5 Years 1886-90.
ALL CAUSES - - - - -	22221.3	22582.0	22424.6	21962.4	20791.0	19403.4	18895.4
Small-pox - - - - -	219.3	218.6	104.8	410.8	78.4	78.4	13.2
Measles - - - - -	480.0	456.6	428.4	373.2	334.8	413.0	463.4
Scarlet Fever - - - - -	891.0	982.4	959.8	758.6	679.6	435.8	240.6
Typhus - - - - -				81.4	34.2	22.8	6.6
Enteric Fever - - - - -				373.8	277.2	216.0	179.2
Simple and ill-defined Fever - - - - -	792.0	921.8	849.8	140.2	69.2	34.2	16.6
Whooping-cough - - - - -	494.3	515.8	545.0	493.6	527.0	458.6	443.6
Diphtheria - - - - -	372.3	247.6	126.8	120.8	121.8	156.2	169.6
Other Miasmatic Diseases* - - - - -	75.7	46.0	39.6	25.4	18.2	17.0	45.6
Cholera - - - - -	32.0	42.4	172.4	30.6	20.4	16.2	14.0
Diarrhoea, Dysentery - - - - -	777.8	874.0	1062.8	1000.4	832.4	655.8	667.0
Malarial Diseases* - - - - -	32.7	16.2	10.0	8.4	7.4	11.2	6.4
Hydrophobia - - - - -	0.0	0.4	0.8	2.0	1.8	1.2	0.6
Other Zoogenous Diseases - - - - -	0.3	0.6	1.0	1.2	1.8	2.6	2.2
Venereal Diseases - - - - -	62.3	77.6	90.8	92.6	95.6	93.2	83.6
Erysipelas - - - - -	95.0	87.4	82.4	105.6	80.8	82.8	54.2
Puerperal Fever - - - - -	55.7	56.0	55.6	86.6	61.6	92.6	76.4
Other Septic Diseases - - - - -	?	8.3	14.6	20.8	23.8	23.0	14.4
Thrush - - - - -	57.0	50.0	49.8	49.8	48.0	29.4	22.0
Other Parasitic Diseases - - - - -	8.0	8.6	7.6	7.0	9.2	7.2	5.8
Intemperance - - - - -	40.3	41.6	35.4	37.6	42.2	48.0	55.8
Other Dietetic Diseases - - - - -	32.0	30.4	26.6	21.2	25.0	15.4	11.4
Rheumatic Fever, Rheumatism } of Heart - - - - -	102.7	108.2	115.0	127.2	139.2	97.6	89.2
Rheumatism - - - - -						34.8	33.0
Cancer - - - - -	335.3	387.8	403.8	445.6	495.0	547.6	631.6
Phthisis - - - - -	2565.0	2526.6	2447.8	2218.0	2039.8	1830.4	1635.4
Other Tubercular and Scrofulous } Diseases - - - - -	739.0	784.4	752.4	722.6	777.0	710.4	686.8
Diabetes Mellitus - - - - -	25.7	29.2	31.8	35.8	40.4	51.4	62.4
Other Constitutional Diseases - - - - -	46.0	51.2	63.8	59.8	86.8	107.8	130.8

* See notes to Table 15.

TABLE 17 (continued).—ENGLAND.—Annual Death-rates, from various Causes to a Million Persons living, in Groups of Years, 1858-90.

CAUSE OF DEATH.	3 Years 1858-60.	5 Years 1861-65.	5 Years 1866-70.	5 Years 1871-75.	5 Years 1876-80.	5 Years 1881-85.	5 Years 1886-90.
Premature Birth - - - - -	378.7	392.4	406.0	446.8	472.6	475.2	507.2
Atelectasis* - - - - -	?	?	?	?	?	23.6	26.0
Congenital Malformations - - - - -	57.7	61.6	64.8	65.6	84.4	84.6	30.2
Old Age - - - - -	1422.0	1352.8	1275.8	1206.8	1072.2	1014.0	975.8
Convulsions - - - - -	1296.7	1258.0	1204.0	1111.2	971.4	848.0	770.0
Diseases of Nervous System - - - - -	1484.0	1546.0	1605.2	1715.8	1803.2	1807.6	1779.2
Diseases of Organs of Special Sense - - - - -	7.0	8.0	8.6	7.6	13.4	10.8	22.8
Diseases of Circulatory System - - - - -	900.3	996.6	1095.8	1256.8	1415.2	1467.4	1635.8
Croup - - - - -	274.7	287.6	208.0	184.2	154.2	163.4	125.8
Diseases of Respiratory System - - - - -	3265.0	3320.6	3394.2	3635.4	3795.8	3549.4	3639.6
Dentition - - - - -	197.0	201.0	191.4	187.8	179.0	177.0	158.2
Diseases of Liver, Ascites - - - - -	394.0	416.0	417.6	427.8	423.6	372.0	324.8
Other Diseases of Digestive System - - - - -	628.0	603.0	566.0	558.6	571.6	568.6	616.2
Diseases of Spleen - - - - -	3.0	3.8	4.0	3.8	5.0	4.6	4.2
Diseases of Lymphatic System* - - - - -	?	?	?	?	?	7.0	7.8
Diseases of other Ductless Glands† - - - - -	1.0	1.8	3.8	4.4	7.6	8.8	10.8
Diseases of Urinary System - - - - -	217.7	246.2	286.8	326.4	374.8	422.2	446.6
Diseases of Organs of Generation - - - - -	60.7	62.0	62.8	59.6	58.6	60.2	55.0
Diseases of Parturition - - - - -	110.3	113.4	106.0	107.6	79.6	72.8	66.0
Diseases of Organs of Locomotion - - - - -	89.3	106.4	98.2	101.6	107.8	94.2	86.2
Diseases of Integumentary System - - - - -	78.3	72.5	65.8	66.0	74.8	64.2	62.6
Accident and Negligence - - - - -	653.0	689.6	677.8	670.6	630.4	579.8	543.8
Homicide - - - - -	18.0	19.4	19.0	16.6	14.0	12.6	11.0
Suicide - - - - -	65.3	65.2	66.4	66.0	73.6	74.8	79.4
Execution - - - - -	0.3	0.8	0.4	0.4	1.0	0.4	0.8
Ill-defined and not specified Causes - - - - -	2288.4	2207.6	2117.6	1829.6	1383.6	1140.6	943.2

* See notes to Table 15.

† Deaths from Addison's disease prior to 1864 are included with "Diseases of Urinary System."

TABLE 18.—ENGLAND.—Annual Death-rates from the Principal Zymotic Diseases, and Infant Mortality, 1838-93.

PERIOD.	ANNUAL MORTALITY PER MILLION PERSONS LIVING, FROM THE PRINCIPAL ZYMOTIC DISEASES.										ANNUAL MORTALITY OF INFANTS UNDER ONE YEAR OF AGE TO 1000 BIRTHS.
	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Ill-defined Fever.	Diarrhea and Dysentery.	Cholera.	
Cols.—1	2	3	4	5	6	7	8	9	10	11	12
1838-42 (5 years.)	576	539	797		504		1053		254	44	152
1847-50 (4 years.)	292	403	884		480		1246		900	810	154
1851-60	222	412	982		505		913		918	170	154
1861-70	162	443	971	187	580		886		968	107	154
1871-80	245	379	719	121	513	58	326	105	916	23	149
1881-90	46	441	338	163	451	15	198	25	631	15	142
1838	1064	426	880		596		1228		208	22	159
1839	589	705	666		526		1010		200	25	152
1840	661	591	1256		389		1089		260	45	154
1841	400	433	889		508		982		236	28	145
1842	168	542	794		502		1004		372	100	152
1843											150
1844											143
1845											143
1846											164
1847	246	507	857		540		1807		865	46	164
1848	397	395	1178		394		1266		787	110	154
1849	264	311	747		548		1044		1189	3033	160
1850	292	398	733		437		865		760	50	146
1851	389	521	758		440		997		941	63	154
1852	401	320	1035		440		1022		1117	76	158
1853	171	266	853		609		1008		874	240	160
1854	151	498	995		525		1015		1181	1080	157
1855	131	391	894	20	541		875		754	44	154
1856	116	373	705	32	483		847		793	40	144
1857	202	310	652	82	526		988		1189	60	156
1858	329	476	1212	339	598		918		787	35	158
1859	193	485	976	517	456		806		1001	45	153
1860	136	479	485	261	429		652		544	16	148
1861	64	450	451	225	612		767		1002	42	153
1862	78	481	728	241	602		919		597	25	142
1863	286	550	1478	315	547		874		775	39	149
1864	364	397	1418	261	409		960		832	45	153
1865	301	405	837	196	409		1089		1164	61	160
1866	139	511	546	140	736		986		853	672	160
1867	114	304	567	120	548		778		960	43	153
1868	91	528	996	137	419		895		1405	68	155
1869	67	464	1244	117	498	193	890	239	935	32	156
1870	113	335	1446	120	529	147	388	233	1161	47	160
1871	1012	408	815	111	455	121	371	186	1094	33	158
1872	821	368	515	93	596	80	377	145	995	35	150
1873	98	316	562	108	411	70	376	132	962	32	149
1874	88	517	1050	150	437	74	374	130	923	25	151
1875	35	257	851	142	594	62	371	108	1028	23	158
1876	99	408	691	129	432	48	309	81	917	25	146
1877	173	366	585	111	460	45	279	78	619	13	136
1878	74	310	753	140	710	36	306	71	1003	25	152
1879	21	362	694	120	503	21	231	58	452	8	135
1880	25	478	675	109	530	21	261	58	1171	31	153
1881	119	280	548	121	415	21	212	44	558	12	130
1882	50	483	521	152	579	36	229	39	653	13	141
1883	36	350	475	158	393	33	228	66	598	15	97
1884	83	419	403	183	425	12	236	28	978	30	147
1885	104	533	233	164	431	12	175	24	492	11	138
1886	18	436	218	149	470	9	184	22	899	19	149
1887	10	602	282	160	404	8	185	18	727	17	145
1888	36	347	223	171	433	6	172	15	455	8	136
1889	1	518	235	189	430	5	176	15	648	12	144
1890	1	439	212	179	478	5	179	13	606	14	151
1891	2	436	171	173	468	5	168	11	409	11	149
1892	15	460	190	222	455	3	197	8	505	15	148
1893	49	374	235	318	342	5	229	9	954	45	159

TABLE 19.—LONDON.*—Annual Death-rates from the Principal Zymotic Diseases, and Infant Mortality, 1842-93.

PERIOD.	ANNUAL MORTALITY PER MILLION PERSONS LIVING, FROM THE PRINCIPAL ZYMOTIC DISEASES.										ANNUAL MORTALITY OF INFANTS UNDER ONE YEAR OF AGE TO 1000 BIRTHS.
	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Ill-defined Fever.	Diarrhea and Dysentery.	Cholera.	
Cols.—1	2	3	4	5	6	7	8	9	10	11	12
1838-40 (3 years.)	1065	695	1108		804		1339		274	21	
1841-50	402	623	863		867		979		782	688	157
1851-60	280	530	1017		877		886		1080	514	155
1861-70	276	576	1133	179	882		904		1040	243	162
1871-80	487	510	600	122	815	55	244	75	940	38	158
1881-90	145	696	335	259	693	8	189	18	748	23	152
1842	188	677	641		839		620		448	62	157
1843	225	740	959		980		1075		516	44	163
1844	890	583	1494		637		849		410	32	152
1845	440	1122	525		879		641		455	21	149
1846	122	355	441		966		873		1096	108	157
1847	427	795	640		715		1474		1020	52	166
1848	724	511	2131		729		1647		1004	291	158
1849	229	506	943		1030		1125		1683	6193	169
1850	215	422	503		675		875		894	55	140
1851	448	547	541		921		1000		1161	90	154
1852	478	246	1061		648		901		1037	67	151
1853	86	398	820		1084		1064		1077	359	168
1854	277	563	1389		999		1125		1328	4289	164
1855	408	345	1025		937		966		860	58	152
1856	204	569	700		805		1045		929	53	150
1857	59	509	607		959		833		1251	81	156
1858	90	884	1561		1010		716		828	49	160
1859	425	488	1277	284	639		675		1289	71	150
1860	323	752	726	174	744		531		535	18	153
1861	77	377	846	239	1260		656		973	60	155
1862	128	816	1221	255	768		1284		643	37	143
1863	687	562	1706	275	749		988		858	55	151
1864	185	942	1097	207	819		1278		1018	53	169
1865	214	431	727	144	980		1074		1242	65	171
1866	457	730	622	152	973		884		1033	1840	172
1867	436	370	470	145	738		708		992	73	159
1868	190	625	929	158	745		786		1309	103	166
1869	87	458	1839	107	1187	225	337	194	1100	69	170
1870	302	450	1875	104	607	147	303	177	1184	74	164
1871	2422	437	582	105	701	118	267	133	1214	68	171
1872	537	505	276	80	979	52	242	97	1078	54	153
1873	34	637	191	95	777	82	269	96	1171	43	160
1874	17	490	773	122	545	91	256	98	934	36	156
1875	13	404	1056	167	920	37	235	78	944	31	162
1876	207	485	651	109	771	45	217	57	1010	38	157
1877	710	664	439	88	505	44	251	54	673	24	143
1878	388	411	495	155	1227	41	283	54	967	34	164
1879	121	667	717	155	791	19	229	43	510	14	148
1880	125	402	820	144</							

TABLE 20.—ENGLAND.—Death-rates from several Causes in Registration Counties, 1893.

REGISTRATION COUNTY.	Estimated Population in the middle of 1893.*	DEATH-RATE PER MILLION PERSONS LIVING FROM																								
		ALL CAUSES.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Ill-defined Fever.	Diarrhoea and Dysentery.	Cholera.	Cancer.	Tubercular Mesenteric.	Phthisis.	Other Tubercular and Scrofulous Diseases.	Diseases of Nervous System.	Diseases of Circulatory System.	Diseases of Respiratory System.	Diseases of Digestive System.	Diseases of Urinary System.	Diseases of Organs of Generation.	Puerperal Fever.	Childbirth.	Violence.	Other Causes.
ENGLAND	29,731,100	19170	49	374	235	318	342	5	229	9	954	45	711	265	1468	412	2313	1630	3607	1203	451	50	102	98	675	3625
I.—LONDON.																										
London†	4,306,411	20831	7	384	329	758	540	1	160	5	793	31	804	304	1868	432	1997	1602	4562	1178	541	70	91	77	790	3457
II.—SOUTH EASTERN.																										
Surrey	600,052	15610	22	280	102	542	215	-	128	2	530	20	748	155	1288	343	2220	1607	2490	938	380	37	98	63	568	2834
Kent	329,185	16110	224	269	141	433	178	-	145	5	644	28	728	197	1405	445	1816	1515	2319	977	452	31	87	72	634	3313
Sussex	568,611	15761	19	259	106	473	327	-	443	-	440	4	770	185	1435	389	1746	1555	2320	909	433	72	62	84	498	3232
Hampshire	688,068	16263	25	443	142	243	182	-	187	3	669	12	744	211	1541	355	1929	1743	2395	984	456	47	73	67	536	3276
Berkshire	273,023	14969	29	341	117	297	132	-	73	7	389	18	714	143	1110	289	1996	1725	2150	1161	429	48	95	81	553	3057
III.—SOUTH MIDLAND.																										
Middlesex	630,262	15373	19	246	467	413	284	-	146	2	720	22	670	175	1115	328	1882	1223	2637	990	371	41	98	67	541	2974
Hertfordshire	217,968	15952	41	133	142	245	183	-	110	-	551	14	913	110	1216	376	2321	1803	2464	873	381	55	69	106	569	3277
Buckinghamshire	166,317	14933	12	415	132	367	90	-	66	6	481	18	650	156	1203	229	1763	1407	2459	926	445	36	72	66	668	3305
Oxfordshire	189,519	15624	-	396	148	422	108	-	58	-	317	5	781	174	1113	279	1752	1863	2374	971	428	37	58	63	501	3776
Northamptonshire	315,283	16477	19	251	209	225	292	-	194	-	771	16	749	130	1224	447	2043	1503	2461	984	393	19	114	111	571	3751
Huntingdonshire	49,610	15743	20	60	101	121	181	-	121	-	504	20	1210	20	1310	262	2056	1411	2298	827	302	40	81	40	564	4194
Bedfordshire	168,611	16227	12	18	178	196	309	-	125	-	760	6	836	154	1245	338	2218	1530	2557	902	332	77	59	71	433	3771
Cambridgeshire	197,239	15605	5	41	56	279	117	-	127	15	685	30	872	177	1176	309	1673	1677	2211	1355	426	15	66	81	583	4024
IV.—EASTERN.																										
Essex	817,470	16692	81	213	273	557	354	-	280	9	814	34	599	254	1231	371	1932	1379	3012	1055	314	37	100	78	513	3251
Suffolk	355,633	18063	3	174	135	425	366	-	112	3	664	22	869	166	1530	357	1949	1631	2837	1015	473	45	115	93	641	4438
Norfolk	463,065	17274	9	220	175	294	352	-	179	6	637	13	879	155	1084	302	2188	1719	2378	1023	404	71	80	78	518	4505
V.—SOUTH WESTERN.																										
Wiltshire	256,422	16036	8	226	179	429	378	-	58	-	316	12	725	152	1131	304	2005	1825	2851	1049	542	55	90	117	472	3112
Dorsetshire	189,751	15046	16	200	184	148	459	-	158	21	258	5	701	111	1033	305	1887	1860	2237	1033	543	26	84	74	443	3204
Devonshire	642,147	17772	9	167	221	268	290	-	114	14	444	9	927	179	1470	364	2305	1848	3224	1078	495	65	73	87	569	3552
Cornwall	316,556	19330	3	130	521	297	104	-	212	6	799	19	872	171	1346	354	2227	1897	3254	1264	433	28	95	139	692	4857
Somersetshire	513,978	16359	18	185	216	218	286	-	95	-	304	6	778	150	1181	335	2072	1850	2734	1115	483	47	60	95	605	3523

* The Populations of the counties have been estimated to the middle of 1893 from the numbers enumerated at the Censuses in 1881 and 1891.
† See note to Table 19.

TABLE 20 (continued).—ENGLAND.—Death-rates from several Causes in Registration Counties, 1893.

REGISTRATION COUNTY.	Estimated Population in the middle of 1893.*	DEATH-RATE PER MILLION PERSONS LIVING FROM																								
		ALL CAUSES.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Typhus.	Enteric Fever.	Simple and Ill-defined Fever.	Diarrhoea and Dysentery.	Cholera.	Cancer.	Tubercular Mesenteric.	Phthisis.	Other Tubercular and Scrofulous Diseases.	Diseases of Nervous System.	Diseases of Circulatory System.	Diseases of Respiratory System.	Diseases of Digestive System.	Diseases of Urinary System.	Diseases of Organs of Generation.	Puerperal Fever.	Childbirth.	Violence.	Other Causes.
VI.—WEST MIDLAND.																										
Gloucestershire	553,896	17617	56	195	159	177	255	-	112	-	553	13	818	137	1267	343	2253	1970	3253	1074	480	49	112	96	675	3363
Herefordshire	112,231	17954	36	80	356	223	321	-	93	-	235	13	998	116	1212	365	2210	2192	2860	1239	392	80	125	151	668	3929
Shropshire	252,115	16445	16	238	163	167	242	-	107	-	353	16	845	167	1162	246	2027	2225	2479	1186	444	44	44	107	595	3568
Staffordshire	1,125,499	20648	88	657	220	114	233	-	246	12	1258	31	617	354	1166	326	2552	1438	4252	1281	411	35	119	114	680	4460
Worcestershire	431,597	16534	28	118	104	134	294	-	104	7	869	30	598	271	992	316	1967	1596	2799	1117	426	39	97	88	559	3987
Warwickshire	818,002	20137	90	106	103	197	489	-	199	17	1438	50	743	224	1501	358	2152	1649	4081	1325	499	68	116	81	670	3981
VII.—NORTH MIDLAND.																										
Leicestershire	391,893	18650	43	179	375	253	424	-	237	3	1421	26	712	227	1250	452	2233	1470	3067	975	299	54	105	100	551	4181
Rutlandshire	21,910	15063	-	-	46	319	137	-	228	-	228	91	958	319	548	91	1780	1780	1643	1004	639	-	137	46	456	4612
Lincolnshire	467,835	17810	21	171	107	239	180	-	295	6	926	162	857	220	1233	340	2375	1731	2514	1114	413	49	62	105	663	3925
Nottinghamshire	521,215	17814	27	84	355	115	303	-	317	6	1053	65	656	276	1120	345	2164	1424	3677	1117	376	59	121	111	708	3935
Derbyshire	443,088	18137	165	230	153	135	354	-	174	5	1000	32	587	339	1230	377	2275	1685	3333	1137	361	32	120	115	630	3687
VIII.—NORTH WESTERN.																										
Cheshire	728,201	19394	51	229	231	247	347	-	294	12	1130	69	711	271	1322	441	2380	1384	3465	1401	442	44	124	103	692	3692
Lancashire	4,069,183	22441	58	685	308	193	387	-	320	13	1530	93	590	343	1654	487	2607	1640	4842	1477	461	52	120	120	759	3654
IX.—YORK.																										
West Riding	2,526,534	20293	133	484	201	172	318	-	284	9	1229	71	611	285	1563	433	2731	1629	4155	1264	424	44	105	113	638	3420
East Riding (with York)	408,749	20724	44	418	132	130	262	-	487	20	1891	110	844	301	1397	323	2720	1754	3569	1082	426	54	93	88	685	3894
North Riding	358,724	18203	64	117	89	153	457	-	326	11	1015	84	711	466	1174	321	2595	1483	3025	1137	452	39	39	81	625	3699
X.—NORTHERN.																										
Durham	1,060,314	20519	41	409	221	215	360	-	565	33	1401	70	554	436	1455	572	2520	1510	3570	1375	356	42	100	115	708	3872
Northumberland	523,452	19761	10	638	149	132	224	-	224	17	995	59	715	495	1759	520	2563	1929	2770	1597	418	61	78	107	801	3491
Cumberland	270,033	17235	22	493	263	133	478	-	93	4	441	26	756	189	1285	419	2181	1563	2933	1155	378	22	104	119	652	3522
Westmorland	66,593	14746	-	165	195	195	75	-	135	-	390	60	826	100	991	481	1997	1377	1892	1291	571	60	45	75	541	3004
XI.—WELSH.																										
Monmouthshire	285,155	19566	-	542	306	295	208	-	183	4	638	14	537	161	1080	410	2369	1561	3896	1547	435	46	188	147	757	3911
South Wales	1,091,421	19792	12	456	230	232	232	-	252																	

TABLE 21.—ENGLAND.—Death-rates of Persons, Males, and Females, from various Causes, 1893.

CAUSE OF DEATH.	Deaths to 1,000,000 living.			CAUSE OF DEATH.	Deaths to 1,000,000 living.			CAUSE OF DEATH.	Deaths to 1,000,000 living.		
	Persons.	Males.	Females.		Persons.	Males.	Females.		Persons.	Males.	Females.
ALL CAUSES	19170	20262	18145	Inflammation of Brain or its Membranes	273	296	251	Acute Nephritis	64	76	53
Small-pox	49	62	37	Apoplexy	570	540	599	Bright's Disease	256	286	226
Chicken-pox	4	5	4	Softening of Brain	102	113	91	Uræmia	17	19	15
Measles	374	401	348	Hemiplegia, Brain Paralysis	254	241	266	Suppression of Urine	4	5	3
Epidemic Rose Rash	2	1	2	Paralysis Agitans	9	12	7	Calculus	8	13	3
Scarlet Fever	235	238	232	Insanity, General Paralysis of Insane	100	122	79	Hæmaturia	3	5	2
Typhus	0	0	0	Chorea	4	3	6	Diseases of Bladder and of Prostate	71	131	15
Relapsing Fever	0	0	4	Epilepsy	95	100	89	Other Diseases of Urinary System	28	39	19
Influenza	325	334	318	Convulsions	701	804	605	Ovarian Disease	17	-	33
Whooping-cough	342	313	369	Laryngismus Stridulus	20	24	17	Diseases of Uterus and Vagina	25	-	47
Mumps	3	3	2	Idiopathic Tetanus	1	2	1	Disorders of Menstruation	2	-	5
Diphtheria	318	323	314	Paraplegia, Diseases of Spinal Cord	68	83	55	Pelvic Abscess	2	-	4
Cerebro-spinal Fever	0	1	0	Other Diseases of Nervous System	116	119	113	Perineal Abscess	1	3	-
Simple and Ill-defined Fever	9	9	9	Otitis, Otorrhœa	26	31	21	Diseases of Testes, Penis, Scrotum, &c.	3	5	-
Enteric Fever	229	251	208	Epistaxis and Diseases of Nose	3	3	3	Abortion, Miscarriage	5	-	10
Other Miasmatic Diseases	0	0	0	Ophthalmia and Diseases of Eye	2	3	2	Puerperal Mania	3	-	5
Cholera	45	53	38	Endocarditis, Valvular Dis.	307	295	319	Puerperal Convulsions	13	-	25
Diarrhœa, Dysentery	954	1031	882	Pericarditis	22	26	18	Placenta Prævia, Flooding	27	-	52
Remittent Fever	1	1	1	Hypertrophy of Heart	9	10	7	Phlegmasia Dolens	2	-	5
Ague	3	3	2	Angina Pectoris	22	28	16	Other Accidents of Child-birth	48	-	94
Hydrophobia	0	0	0	Syncope	54	59	50	Caries, Necrosis	32	36	28
Glanders	0	0	-	Aneurism	29	46	13	Arthritis, Ostitis, Periostitis	10	10	9
Splenic Fever	0	0	0	Senile Gangrene	42	49	36	Other Diseases of Organs of Locomotion	18	18	17
Cow-pox and other Effects of Vaccination	2	2	2	Embolism, Thrombosis	37	32	45	Carbuncle	5	7	4
Syphilis	72	83	68	Phlebitis	6	5	6	Phlegmon, Cellulitis	15	17	14
Gonorrhœa, Stricture of Urethra	10	20	1	Varicose Veins	4	2	5	Lupus	2	1	2
Phagedæna	3	2	3	Other Diseases of Circulatory System	1038	1051	1142	Ulcer, Bedsore	19	16	23
Erysipelas	65	71	58	Laryngitis	56	61	50	Eczema	15	18	13
Pyæmia, Septicæmia	13	13	12	Croup	71	80	62	Pemphigus	5	5	4
Puerperal Fever	102	-	198	Other Diseases of Larynx and Trachea	5	6	4	Other Diseases of Integumentary System	7	7	7
Thrush	15	15	14	Empysemata, Asthma	78	98	60	In Mines and Quarries	38	78	0
Other Dis. from Vegetable parasites	0	1	0	Bronchitis	1906	1926	1890	Vehicles and Horses	81	186	19
Hydatid Disease	2	2	2	Pneumonia	1286	1534	1033	Ships, Boats, Docks (not Drowning)	7	15	0
Other Dis. from Animal parasites	3	2	3	Pleurisy	62	76	48	Building Operations	7	14	-
Starvation, Want of Breast Milk	14	15	13	Other Diseases of Respiratory System	143	160	123	Machinery	9	17	1
Scurvy	1	1	0	Stomatitis	23	24	23	Weapons and Implements	8	13	3
Intem- perance { Chron. Alcoholism	57	64	51	Dentition	136	153	121	Burns and Scalds	79	74	84
Delirium Tremens	16	28	4	Sore Throat, Quinsy	24	26	21	Poison, Poisonous Vapours	20	28	13
Rheumatic Fever, Rheumatism of Heart	104	107	100	Dyspepsia	22	22	21	Drowning	92	163	26
Rheumatism	30	28	31	Hæmatemesis	10	11	8	Suffocation	72	78	67
Gout	21	33	9	Melæna	5	5	4	Falls	84	98	71
Rickets	42	49	35	Diseases of Stomach	156	143	171	Weather Agencies	14	22	6
Cancer	711	550	863	Enteritis	290	320	266	Otherwise, or not stated	65	94	39
Cancer	265	286	215	Ulceration of Intestine	11	11	11	Rheumatic Fever, Rheumatism of Heart	5413	-	-
Tabes Mesenterica	226	254	200	Stricture or Strangulation of Intestine	5	6	5	Rheumatism	1510	-	-
Tubercular Meningitis (Acute Hydrocephalus)	1468	1639	1307	Intussusception of Intestine	15	17	13	Gout	1086	-	-
Phthisis	186	203	169	Hernia	47	47	47	Rickets	2184	-	-
Other Forms of Tuberculosis, Scrofula	12	13	11	Fistula	2	2	1	Cancer	37082	-	-
Purpura, Hæmorrhagic Diathesis	51	38	63	Peritonitis	87	82	91	Tabes Mesenterica	13803	-	-
Anæmia, Chlorosis, Leucocythæmia	70	81	60	Ascites	6	4	7	Tubercular Meningitis (Acute Hydrocephalus)	11799	-	-
Diabetes Mellitus	24	19	29	Gallstones	11	7	14	Phthisis	76553	-	-
Other Constitutional Dis.	581	671	495	Cirrhosis of Liver	121	139	103	Other Forms of Tuberculosis, Scrofula	9681	-	-
Atelectasis	33	41	26	Other Diseases of Liver	138	143	154	Purpura, Hæmorrhagic Diathesis	633	-	-
Cyanosis	33	39	27	Other Diseases of Digestive System	24	27	21	Anæmia, Chlorosis, Leucocythæmia	2674	-	-
Spina Bifida	21	20	23	Diseases of Spleen	3	3	3	Diabetes Mellitus	3653	-	-
Imperforate Anus	6	8	3	Diseases of Lymphatic System	9	10	7	Other Constitutional Diseases	1260	-	-
Cleft Palate, Harelip	8	8	7	Diseases of Thyroid Body	8	2	14	Premature Birth	30288	-	-
Other Congenital Defects	19	21	17	Diseases of Supra-Renal Capsules	5	5	6	Atelectasis	1730	-	-
Old Age	892	778	1001					Cyanosis	1725	-	-
								Spina Bifida	1118	-	-
								Imperforate Anus	307	-	-
								Cleft Palate, Harelip	398	-	-
								Other Congenital Defects	983	-	-
								Old Age	46544	-	-

NOTE.—A cipher indicates that the number of deaths was too small to show a rate of one per million. When no deaths occurred, — is inserted.

TABLE 22.—ENGLAND.—Deaths from various Causes to a Million Deaths from All Causes, 1893.

CAUSE OF DEATH.	Proportional Number.	CAUSE OF DEATH.	Proportional Number.	CAUSE OF DEATH.	Proportional Number.
ALL CAUSES	1,000,000	Inflammation of Brain or its Membranes	14226	Acute Nephritis	3355
Small-pox	2556	Apoplexy	29737	Bright's Disease	13317
Chicken-pox	233	Softening of Brain	5804	Uræmia	895
Measles	19493	Hemiplegia, Brain Paralysis	13243	Suppression of Urine	186
Epidemic Rose Rash	79	Calculus	469	Hamaturia	423
Scarlet Fever	12250	Paralysis Agitans	5195	Diseases of Bladder and of Prostate	3714
Typhus	240	Insane	233	Other Diseases of Urinary System	1477
Relapsing Fever	16	Chorea	4932	Ovarian Disease	888
Influenza	16964	Epilepsy	1060	Diseases of Uterus and Vagina	1269
Whooping-cough	17844	Convulsions	36592	Disorders of Menstruation	126
Mumps	135	Laryngismus Stridulus	1060	Pelvic Abscess	112
Diphtheria	16608	Idiopathic Tetanus	56	Perineal Abscess	65
Cerebro-spinal Fever	23	Paraplegia, Diseases of Spinal Cord	3570	Diseases of Testes, Penis, Scrotum, &c.	135
Simple and Ill-defined Fever	465	Other Diseases of Nervous System	6032	Abortion, Miscarriage	282
Enteric Fever	11932	Otitis, Otorrhœa	1853	Puerperal Mania	145
Other Miasmatic Diseases	21	Epistaxis and Diseases of Nose	167	Puerperal Convulsions	660
Cholera	2370	Ophthalmia and Diseases of Eye	112	Placenta Prævia, Flooding	1409
Diarrhœa, Dysentery	49776	Endocarditis, Valvular Disease	16019	Phlegmasia Dolens	125
Remittent Fever	67	Pericarditis	1161	Other Accidents of Childbirth	2514
Ague	144	Hypertrophy of Heart	447	Caries, Necrosis	1653
Hydrophobia	7	Angina Pectoris	1121	Arthritis, Ostitis, Periostitis	516
Glanders	11	Syncope	2839	Other Diseases of Organs of Locomotion	919
Splenic Fever	12	Aneurism	1500	Carbuncle	261
Cow-pox and other Effects of Vaccination	104	Senile Gangrene	2174	Phlegmon, Cellulitis	892
Syphilis	3779	Embolism, Thrombosis	2007	Lupus	100
Gonorrhœa, Stricture of Urethra	532	Phlebitis	298	Ulcer, Bedsore	1609
Phagedæna	137	Varicose Veins	195	Eczema	807
Erysipelas	3370	Other Diseases of Circulatory System	57259	Pemphigus	237
Pyæmia, Septicæmia	674	Laryngitis	2397	Other Diseases of Integumentary System	375
Puerperal Fever	5304	Croup	3638	In Mines and Quarries	1981
Thrush	761	Other Diseases of Larynx and Trachea	270	Vehicles and Horses	4207
Other Diseases from Vegetable parasites	16	Empysemata, Asthma	4077	Ships, Boats and Docks (not Drowning)	379
Hydatid Disease	102	Bronchitis	99456	Building Operations	342
Other Diseases from Animal parasites	133	Pneumonia	67104	Machinery	465
Starvation, Want of Breast-milk	733	Pleurisy	3223	Weapons and Implements	409
Scurvy	32	Other Diseases of Respiratory System	7450	Burns and Scalds	4125
Intem- perance { Chron. Alcoholism	2998	Stomatitis	1204	Poison, Poisonous Vapours	1047
Delirium Tremens	816	Dentition	7118	Drowning	4820
Rheumatic Fever, Rheumatism of Heart	5413	Sore Throat, Quinsy	1232	Suffocation	3755
Rheumatism	1510	Dyspepsia	1135	Falls	4385
Gout	1086	Hæmatemesis	500	Weather Agencies	714
Rickets	2184	Melæna	235	Otherwise, or not stated	3416
Cancer	37082	Diseases of Stomach	8190	Homicide	591
Tabes Mesenterica	13803	Enteritis	15184	Suicide	4560
Tubercular Meningitis (Acute Hydrocephalus)	11799	Ulceration of Intestine	575	Execution	28
Phthisis	76553	Stricture or Strangulation of Intestine	3655	Dropsy	368
Other Forms of Tuberculosis, Scrofula	9681	Intussusception of Intestine	277	Debility, Atrophy, Inanition	40230
Purpura, Hæmorrhagic Diathesis	633	Hernia	776	Mortification	58
Anæmia, Chlorosis, Leucocythæmia	2674	Fistula	2448	Tumour	209
Diabetes Mellitus	3653	Peritonitis	89	Abscess	970
Other Constitutional Diseases	1260	Ascites	4518	Hæmorrhage	282
Premature Birth	30288	Gallstones	807	Sudden (Cause unascertained)	611
Atelectasis	1730	Cirrhosis of Liver	554	Other ill-defined and not specified Causes	3372
Cyanosis	1725	Other Diseases of Liver	6288		
Spina Bifida	1118	Other Diseases of Digestive System	7225		
Imperforate Anus	307	Diseases of Spleen	1254		
Cleft Palate, Harelip	398	Diseases of Lymphatic System	447		
Other Congenital Defects	983	Diseases of Thyroid Body	416		
Old Age	46544	Diseases of Supra-Renal Capsules	270		

TABLE 24.—ENGLAND. Death-rates in Town* and Country Districts 1851-93.

YEAR.	Persons to a Square Mile in England and Wales.	ANNUAL DEATHS to 1000 Persons living in			Deaths in Town Districts to 100 Deaths in Country Districts, in equal Numbers living.
		England and Wales.	Town* Districts.	Country Districts.	
1851-60	325	22.2	24.7	19.9	124
1861-70	365	22.5	24.8	19.7	126
1871-80	416	21.4	23.1	19.0	122
1881-90	470	19.1	20.3	17.3	117
1881	447	18.9	20.1	16.9	119
1882	452	19.6	21.0	17.3	121
1883	457	19.6	20.7	17.9	116
1884	462	19.7	20.9	17.6	119
1885	467	19.2	20.1	17.8	113
1886	472	19.5	20.4	18.0	113
1887	477	19.1	20.2	17.2	117
1888	483	18.1	19.0	16.6	114
1889	488	18.2	19.3	16.4	118
1890	493	19.5	20.9	17.4	120
1891	499	20.2	21.1	18.5	114
1892	504	19.0	19.5	18.1	108
1893	510	19.2	20.2	17.4	116

* For names of the Districts and Sub-districts taken to represent the Town Districts of England and Wales from 1851 to 1880, see Registrar-General's Forty-third Annual Report, page cv. For description of the Districts taken for 1881-93, see Table 25 below.

TABLE 25.—ENGLAND. Town and Country Districts.—Annual Death-rates in each Quarter of the Eleven Years, 1883-93.

Area in Acres.	ESTIMATED POPULATION in the middle of 1893.	Quarter ending	ANNUAL RATE of MORTALITY per 1000 in each Quarter of the Years											Mean of Ten Years, 1883-1892.	1893		
			1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893				
ENGLAND AND WALES - 37,317,885	29,731,100	YEAR -	19.6	19.7	19.2	19.5	19.1	18.1	18.2	19.5	20.2	19.0	19.2	19.2	18.3	1893	
		March	22.4	19.7	22.0	23.1	20.9	21.4	19.9	23.3	22.0	24.9	22.0	19.7			
		June	20.2	19.1	19.5	18.3	18.5	17.8	17.5	17.9	23.7	18.0	9.1	18.0			
		Sept.	16.9	19.9	16.7	18.1	17.9	15.2	17.1	16.9	15.9	15.7	17.0	19.2			
		Dec.	19.3	20.0	18.7	18.7	19.1	18.1	18.4	20.1	19.3	17.4	18.9	19.9			
TOWN DISTRICTS. All Registration Sub-Districts three-fourths of the population of which, as enumerated in 1881, resided within the boundaries of Urban Sanitary Districts existing in 1886 - - -	3,737,930	19,201,709	YEAR -	20.7	20.9	20.1	20.4	20.2	19.0	19.3	20.9	21.1	19.5	20.2	20.2	18.3	1893
			March	23.2	20.5	22.5	23.8	21.5	21.9	20.6	24.4	22.8	24.6	22.6	20.4		
			June	20.7	19.9	20.3	18.6	19.3	18.2	18.3	18.7	21.7	18.5	19.7	18.7		
			Sept.	18.2	21.8	17.8	19.5	19.5	16.2	18.5	18.5	16.8	16.6	18.3	20.6		
			Dec.	20.7	21.3	19.7	19.9	20.4	19.5	19.7	22.0	20.3	18.3	16.2	20.9		
COUNTRY DISTRICTS. All the remaining Registration Sub-districts of England and Wales, - not coming within the above definition of Town Districts - - -	33,579,955	10,529,391	YEAR -	17.9	17.6	17.8	18.0	17.2	16.6	16.4	17.4	18.5	18.1	17.6	17.4	18.3	1893
			March	21.0	18.3	21.3	23.0	19.7	20.5	18.5	21.7	20.7	25.5	20.9	18.4		
			June	19.2	17.6	18.2	17.7	17.2	17.1	19.2	16.5	21.7	17.2	17.9	16.4		
			Sept.	14.6	16.7	14.7	15.5	15.1	18.5	14.6	14.1	14.2	18.9	14.7	16.5		
			Dec.	16.9	18.0	17.0	16.7	16.9	15.6	16.3	17.4	17.6	15.8	16.8	18.2		

TABLE 26.—ENGLAND. Names on the Registers, Searches, and Fees received, at the General Register Office, 1844-93.

YEAR.	NAMES ON THE REGISTERS AT THE END OF EACH YEAR.				SEARCHES IN THE REGISTERS, INCLUDING NON-PAROCIAL.	
	PERSONS MARRIED.	BIRTHS.	DEATHS.	TOTAL.	NUMBER.	AMOUNT RECEIVED FOR SEARCHES AND FOR CERTIFICATES.
1844	1,839,530	3,720,765	2,586,876	8,147,171	2,409	£ s. d. 342 16 6
1845	2,127,016	4,264,286	2,936,242	9,327,544	2,269	329 1 6
1846	2,418,344	4,836,911	3,326,557	10,581,812	2,962	329 7 0
1847	2,690,034	5,376,876	3,749,861	11,816,771	2,278	339 13 0
1848	2,966,494	5,939,935	4,149,694	13,056,123	2,544	365 11 6
1849	3,250,260	6,518,094	4,590,533	14,358,887	2,534	357 1 6
1850	3,555,748	7,111,516	4,959,528	15,626,792	2,562	366 13 0
1851	3,864,160	7,727,381	5,354,924	16,946,465	2,895	419 10 6
1852	4,181,724	8,351,393	5,762,059	18,295,176	3,291	467 5 0
1853	4,510,764	8,963,784	6,183,156	19,657,704	3,520	505 4 0
1854	4,830,218	9,598,189	6,621,061	21,049,468	3,827	563 7 6
1855	5,134,444	10,233,232	7,046,764	22,414,440	3,989	592 9 0
1856	5,453,118	10,890,685	7,437,270	23,781,073	4,432	653 15 0
1857	5,771,812	11,553,756	7,857,085	25,182,153	4,355	630 1 6
1858	6,083,452	12,209,237	8,306,741	26,599,430	5,585	815 1 6
1859	6,418,898	12,899,118	8,747,522	28,065,538	6,483	949 17 0
1860	6,759,210	13,583,166	9,170,243	29,512,619	7,085	1,031 18 0
1861	7,086,622	14,279,572	9,605,357	30,971,551	7,484	1,099 1 6
1862	7,414,682	14,992,256	10,041,923	32,448,861	8,522	1,250 12 0
1863	7,761,702	15,719,673	10,515,760	33,997,135	8,825	1,280 17 6
1864	8,122,476	16,459,948	11,011,291	35,593,715	9,607	1,371 18 6
1865	8,493,424	17,208,017	11,502,200	37,203,641	10,182	1,487 12 0
1866	8,868,976	17,961,887	12,002,889	38,833,752	12,135	1,860 15 6
1867	9,227,284	18,730,236	12,473,962	40,431,482	12,343	1,906 16 6
1868	9,581,208	19,517,094	12,954,584	42,052,886	12,913	2,031 11 0
1869	9,935,148	20,290,475	13,449,412	43,675,035	14,260	2,247 7 6
1870	10,298,458	21,083,262	13,964,741	45,346,461	16,170	2,456 19 6
1871	10,678,682	21,880,690	14,479,620	47,038,992	17,910	2,705 7 0
1872	11,081,216	22,706,597	14,971,885	48,759,698	18,970	2,867 5 6
1873	11,492,446	23,536,375	15,464,405	50,493,226	20,941	3,142 9 6
1874	11,896,466	24,391,331	15,991,037	52,278,834	22,354	3,364 7 0
1875	12,298,890	25,241,938	16,537,490	54,078,318	26,356	3,879 15 6
1876	12,702,638	26,129,906	17,047,805	55,880,349	27,590	4,109 15 6
1877	13,091,342	27,018,106	17,548,301	57,657,749	27,721	4,211 13 6
1878	13,471,450	27,910,012	18,088,173	59,469,635	28,540	4,313 8 6
1879	13,835,614	28,790,401	18,614,423	61,240,443	29,690	4,517 15 0
1880	14,219,544	29,672,044	19,143,052	63,034,640	31,308	4,695 3 0
1881	14,614,124	30,555,686	19,634,987	64,804,797	32,305	4,976 12 6
1882	15,022,984	31,444,700	20,151,641	66,619,275	33,597	5,170 15 0
1883	15,435,702	32,335,422	20,674,638	68,445,762	34,810	5,356 0 0
1884	15,844,304	33,242,172	21,205,466	70,291,942	34,843	5,177 15 0
1885	16,239,794	34,136,442	21,728,216	72,104,452	36,450	5,317 13 6
1886	16,631,936	35,040,202	22,265,492	73,937,630	36,079	5,168 16 0
1887	17,032,972	35,928,533	22,796,250	75,757,755	37,750	5,347 5 0
1888	17,440,614	36,806,401	23,307,221	77,554,236	40,477	5,803 0 6
1889	17,868,344	37,692,345	23,825,574	79,386,263	41,002	5,884 2 6
1890	18,314,400	38,562,282	24,387,822	81,264,504	43,874	6,178 4 0
1891	18,767,452	39,476,439	24,975,747	83,219,638	46,500	6,458 10 6
1892	19,221,722	40,374,396	25,535,431	85,131,549	50,942	6,921 15 0
1893	19,659,100	41,288,938	26,105,389	87,053,427	50,626	6,845 6 6

TABLE 27.—ISLANDS IN THE BRITISH SEAS. Area and Population; and Births and Deaths, 1874-93.

YEAR.	ISLANDS IN THE BRITISH SEAS.		ISLE OF MAN.		JERSEY.		GUERNSEY AND ADJACENT ISLANDS.	
Area in Acres	193,647		145,325		28,717		19,605	
ENUMERATED POPULATION.								
1861	143,447		52,469		55,613		35,365	
1871	144,638		54,042		56,627		33,969	
1881	141,260		53,558		52,445		35,257	
1891	147,842		55,608		54,518		37,716	
	Births.*	Deaths.	Births.	Deaths.	Births.	Deaths.	Baptisms.	Deaths.
1874	3,603	2,932	1,518	1,040	1,346	1,081	739	811
1875	3,457	3,387	1,488	1,308	1,311	1,299	658	780
1876	3,297	2,691	1,434	1,058	1,110	947	753	686
1877	3,416	3,077	1,439	1,129	1,283	1,316	724	632
1878	3,455	2,845	1,437	1,174	1,285	1,062	733	609
1879	3,624	2,999	1,569	1,122	1,312	1,099	743	778
1880	3,740	3,050	1,539	1,180	1,415	1,147	786	723
1881	3,490	2,653	1,398	1,051	1,363	1,000	729	602
1882	3,581	2,748	1,474	1,017	1,418	1,110	689	621
1883	3,493	3,001	1,392	1,172	1,376	1,129	725	700
1884	3,618	3,024	1,448	1,129	1,471	1,166	639	729
1885	3,562	2,921	1,439	1,074	1,369	1,179	754	668
1886	3,778	2,960	1,574	1,096	1,464	1,145	740	719
1887	3,739	2,674	1,515	1,133	1,458	973	766	568
1888	3,810	2,663	1,564	1,078	1,523	1,025	723	560
1889	3,791	2,687	1,578	1,010	1,415	1,039	798	633
1890	3,607	3,040	1,458	1,159	1,375	1,156	774	725
1891	3,688	2,925	1,493	1,066	1,373	1,144	822	695
1892	3,382	3,031	1,331	1,131	1,269	1,262	782	638
1893	3,633	2,864	1,415	1,091	1,401	1,118	817	655

Note.—The above numbers have been compiled from returns furnished to the Registrar General by Claude Cannell, Esq., Registrar General of the Isle of Man, Lieutenant-Colonel J. F. Murray, Government Secretary of Jersey, and Colonel W. Bell, Government Secretary of Guernsey.
* The figures in this column include the baptisms in Guernsey and adjacent Islands, the numbers of births not being available.

TABLE 28.—UNITED KINGDOM. Emigration, 1874-93. (From Returns issued by the Board of Trade.)

YEAR.	TOTAL.	NATIONALITY OF EMIGRANTS.					DESTINATION OF EMIGRANTS OF ENGLISH ORIGIN.				
		ENGLISH.	SCOTCH.	IRISH.	FOREIGNERS.	NOT DISTINGUISHED.	NORTH AMERICAN COLONIES.	UNITED STATES.	AUSTRALIAN COLONIES AND NEW ZEALAND.	ALL OTHER PLACES.	
1874	241,014	116,490	20,283	60,416	88,465	5,277	15,234	56,988	33,555	8,323	
1875	173,809	84,540	14,986	41,449	31,347	1,787	9,044	43,867	20,749	10,880	
1876	138,222	73,396	10,097	25,976	25,584	3,169	6,227	34,612	20,582	11,975	
1877	119,971	63,711	8,653	22,831	21,289	3,487	6,009	28,074	19,485	10,143	
1878	147,663	72,823	11,087	29,492	31,697	3,084	7,957	32,099	23,055	9,212	
1879	217,163	104,275	18,703	41,296	49,480	3,409	13,965	52,402	26,366	11,542	
1880	332,294	111,845	22,056	93,641	100,369	4,383	13,541	69,031	15,176	14,047	
1881	392,514	139,976	28,828	76,200	144,381	5,131	17,164	90,527	15,704	16,581	
1882	419,288	162,392	32,242	84,132	139,029	3,893	27,763	94,599	24,245	16,285	
1883	397,157	134,236	31,139	105,743	73,260	3,779	27,995	98,392	50,201	11,648	
1884	503,901	147,660	21,963	72,666	67,733	3,989	23,463	83,324	30,967	9,906	
1885	264,385	126,260	21,367	60,017	53,733	2,958	14,817	73,789	28,380	9,274	
1886	330,801	146,301	25,323	61,276	94,370	3,531	18,886	83,066	33,764	10,585	
1887	396,494	168,221	34,361	78,901	108,572	6,435	24,611	107,069	25,085	11,456	
1888	398,494	170,822	35,873	74,233	113,230	5,356	26,711	103,674	24,743	15,694	
1889	342,641	163,518	25,354	64,923	83,466	5,300	22,417	93,807	23,103	24,691	
1890	315,980	139,979	20,653	57,484	94,515	3,349	18,395	86,442	15,989	19,153	
1891	334,543	137,881	22,190	53,436	112,275	3,761	17,881	87,581	14,549	17,870	
1892	321,397	133,815	23,325	52,902	107,351	4,004	19,937	84,667	12,188	17,023	
1893	307,633	134,045	22,637	52,132	95,123	3,636	21,411	83,293	9,025	20,316	

TABLE 29.—ARMY. Strength and Mortality, 1865-93.

(Regiments on passage out and home are included with the Number Abroad.)

YEAR.	STRENGTH.			DEATHS.			DEATH-RATE PER 1000.		
	TOTAL ARMY.	IN UNITED KINGDOM.	ABROAD.	TOTAL ARMY.	IN UNITED KINGDOM.	ABROAD.	TOTAL ARMY.	IN UNITED KINGDOM.	ABROAD.
1865	208,877	84,502	124,375	3,537	959	2,578	16.9	11.3	20.7
1866	201,641	84,124	117,517	2,858	1,056	1,802	14.2	12.6	15.3
1867	200,335	87,607	112,728	3,234	950	2,284	16.1	10.8	20.3
1868	196,900	89,633	107,267	2,804	1,088	1,716	14.2	12.1	16.0
1869	186,668	86,278	100,390	3,250	903	2,347	17.4	10.5	23.4
1870	180,444	89,670	90,774	2,638	1,029	1,609	14.6	11.5	17.7
1871	192,665	105,757	86,908	2,327	1,005	1,322	12.1	9.5	15.2
1872	192,007	104,154	87,853	2,649	940	1,709	13.8	9.0	19.5
1873	188,379	100,583	87,796	2,139	931	1,208	11.4	9.3	13.8
1874	186,389	97,635	88,754	2,136	1,007	1,129	11.5	10.3	12.7
1875	184,669	97,193	87,476	2,269	1,061	1,208	12.3	10.9	13.8
1876	184,433	97,146	87,287	2,102	930	1,172	11.4	9.6	13.4
1877	190,502	101,904	88,598	1,801	856	945	9.5	8.4	10.7
1878	200,758	109,201	91,557	2,249	778	1,471	11.2	7.1	16.1
1879	191,290	88,215	103,075	4,239	796	3,443	22.2	9.0	33.4
1880	188,986	91,887	97,099	3,333	756	2,577	17.6	8.2	26.5
1881	188,798	91,946	96,852	2,650	844	1,806	14.0	9.2	18.6
1882	189,229	94,295	94,934	2,224	806	1,418	11.8	8.5	14.9
1883	181,971	90,071	91,900	1,783	672	1,111	9.8	7.5	12.1
1884	183,004	89,994	93,010	1,611	523	1,088	8.8	5.8	11.7
1885	198,064	91,579	106,485	2,730	735	1,995	13.8	8.0	18.7
1886	203,305	98,057	105,248	2,313	703	2,110	13.8	7.2	20.0
1887	209,574	106,767	102,807	2,006	568	1,438	9.6	5.3	14.0
1888	211,105	106,913	104,192	2,041	731	1,310	9.7	6.8	12.6
1889	210,298	105,956	104,342	1,961	525	1,436	9.3	5.0	13.8
1890	209,221	105,663	103,553	1,813	631	1,182	8.7	6.0	11.4
1891	209,699	104,860	104,839	1,869	562	1,307	8.9	5.4	12.5
1892	213,540	103,115	107,425	1,950	502	1,448	9.1	4.7	13.5
1893	217,279	106,074	111,205	1,803	586	1,217	8.3	5.5	10.9

TABLE 30.—ROYAL NAVY. Mortality in the Service Afloat, 1856-93. (From Statistical Reports on the Health of the Navy.)

YEAR.	DEATH-RATE PER 1000.			YEAR.	DEATH-RATE PER 1000.		
	From All Causes.	From Disease.	From Violence.		From All Causes.	From Disease.	From Violence.
1856	15.5	12.1	3.4	1875	8.8	6.9	1.9
1857	19.4	14.7	4.7	1876	9.2	6.0	3.2
1858	25.8	22.0	3.8	1877	7.1	5.0	2.1
1859	16.7	11.8	4.9	1878	14.4	5.3	9.1
1860	14.7	11.1	3.6	1879	8.6	6.2	2.4
1861	15.0	11.5	3.5	1880	12.6	4.6	8.0
1862	15.3	9.6	5.7	1881	10.9	5.3	5.6
1863	11.3	7.6	3.7	1882	9.5	6.9	2.6
1864	14.0	9.0	5.0	1883	5.9	4.1	1.8
1865	11.3	8.1	3.2	1884	9.0	5.8	3.2
1866	10.2	7.9	2.3	1885	7.0	4.7	2.3
1867	11.5	8.4	3.1	1886	6.9	5.1	1.8
1868	8.9	6.5	2.4	1887	8.3	4.9	3.4
1869	9.9	7.3	2.6	1888	5.7	3.9	1.8
1870	19.6	6.7	12.9	1889	5.3	3.8	1.5
1871	8.5	6.3	2.2	1890	8.5	4.1	4.4
1872	8.2	5.6	2.6	1891	6.2	4.7	1.5
1873	8.3	6.0	2.3	1892	5.6	4.4	1.2
1874	9.4	6.7	2.7	1893	11.3	4.1	7.2

TABLE 31.—MERCHANT SERVICE. Number and Mortality of Seamen employed in Vessels registered in the United Kingdom, the Isle of Man, and Channel Islands, under the Merchant Shipping Act, 1852-93.

(Furnished to the Registrar-General by the Registrar-General of Shipping and Seamen.)

YEAR.	No. of PERSONS EMPLOYED.	No. of DEATHS REPORTED.	DEATH-RATE per 1000.	YEAR.	No. of PERSONS EMPLOYED.	No. of DEATHS REPORTED.	DEATH-RATE per 1000.
1852	159,563	2,205	13.8	1873	202,239	5,393	26.6
1853	172,525	3,276	19.0	1874	203,606	4,602	22.6
1854	162,416	2,772	17.1	1875	199,667	4,076	20.4
1855	168,537	3,213	19.1	1876	198,633	4,151	20.9
1856	173,918	3,549	20.4	1877	196,562	4,181	21.3
1857	176,387	3,444	19.5	1878	195,585	3,870	19.8
1858	177,832	3,486	19.6	1879	193,548	3,692	19.0
1859	172,506	3,430	19.9	1880	192,972	4,100	21.2
1860	171,592	3,760	21.9	1881	192,903	4,464	23.1
1861	171,957	3,580	20.8	1882	195,937	4,659	23.8
1862	173,863	3,620	20.8	1883	200,727	4,451	22.2
1863	184,727	3,380	18.3	1884	199,654	3,757	18.8
1864	195,756	3,893	19.9	1885	198,781	3,286	16.5
1865	197,643	4,600	23.3	1886	204,470	3,546	17.3
1866	196,371	4,865	24.8	1887	220,266	3,394	15.4
1867	196,340	5,283	26.9	1888	223,673	3,114	13.9
1868	197,502	5,237	26.6	1889	230,263	3,038	13.2
1869	195,492	4,832	24.7	1890	236,108	3,305	14.0
1870	195,962	4,523	23.1	1891	240,480	3,263	13.6
1871	199,738	4,338	21.7	1892	241,735	3,452	14.3
1872	203,720	4,123	20.2	1893	240,974	3,172	13.1

NOTE.—Up to and including 1886 masters were excluded from the above employment and mortality figures; the latter of which contained some cases of men who died in colonial vessels and fishing vessels not registered under the Merchant Shipping Acts, whose crews are not included in the employment column. Since 1886 masters are included in both columns, and the employment and mortality figures relate only to persons employed in vessels registered under the Merchant Shipping Acts belonging to the United Kingdom, the Isle of Man, and Channel Islands. Deaths occurring in the United Kingdom after the seamen have been discharged from their ships, and on vessels employed exclusively in rivers and inland navigation, and on yachts, are not included.

TABLE 32.—MERCHANT SERVICE. Births and Deaths at Sea among Passengers (British Subjects), 1857-93.

(Furnished to the Registrar-General by the Registrar-General of Shipping and Seamen.)

YEAR.	BIRTHS.			DEATHS.		
	Total.	Males.	Females.	Total.	Males.	Females.
1857	310	168	142	437	297	140
1858	249	132	117	591	409	182
1859	267	135	132	1,023	720	303
1860	250	136	114	593	437	156
1861	218	110	108	403	282	121
1862	294	146	148	491	343	148
1863	344	159	185	694	463	231
1864	380	203	177	685	475	210
1865	412	210	202	938	623	315
1866	415	213	202	1,237	874	363
1867	339	162	177	752	538	214
1868	272	147	125	666	470	196
1869	258	134	124	553	369	184
1870	315	169	146	800	536	264
1871	208	106	102	445	299	146
1872	289	142	147	548	372	176
1873	309	145	164	1,207	765	442
1874	510	244	266	1,744	1,015	729
1875	357	184	173	786	510	276
1876	364	181	183	738	464	274
1877	287	148	139	646	428	218
1878	291	150	141	613	408	205
1879	344	184	160	776	526	250
1880	208	104	104	421	267	154
1881	169	84	85	612	415	197
1882	266	131	135	678	492	186
1883	430	228	202	941	607	334
1884	264	132	132	799	528	271
1885	141	62	79	598	439	159
1886	172	88	84	515	351	164
1887	144	73	71	370	244	126
1888	129	64	65	447	300	147
1889	128	70	58	484	353	131
1890	108	65	43	515	362	153
1891	87	36	51	386	279	107
1892	77	41	36	412	293	119
1893	78	44	34	420	304	116

NOTE.—Natives of British India are not included in these columns.

TABLE 33.—ENGLAND. Prices and Pauperism, 1844-93.

Year.	AVERAGE PRICES.									PAUPERISM.			
	CONSOLS* (for Money).	WHEAT per Quarter in England and Wales.†	MEAT per lb.‡ at the Metropolitan Meat Market (by the Carcase).						Average Price of SEABORNE COAL per Ton in the London Market.§	Average Number, to 1000 Persons living, in receipt of Poor Law Relief.¶			In-door Paupers to 1000 in Receipt of Out-door Relief.
			BEEF.			MUTTON.				Total.	In-door.	Out-door.	
£ s. d.	s. d.	d.	d.	d.	d.	d.	d.	s. d.					
1844	99 12 6	51 3	—	—	—	—	—	—	—	—	—	—	—
1845	96 5 0	50 10	—	—	—	—	—	—	—	—	—	—	—
1846	92 11 3	54 8	—	—	—	—	—	—	—	—	—	—	—
1847	84 7 6	69 9	—	—	—	—	—	—	—	—	—	—	—
1848	87 5 0	50 6	—	—	—	—	—	—	—	—	—	—	—
1849	94 5 0	44 3	—	—	—	—	—	—	—	62.0	7.6	54.4	140
1850	96 15 0	40 3	3½	4½	4	3½	5½	4½	—	56.7	6.9	49.8	139
1851	97 7 6	38 6	3½	5	4½	3½	5½	4½	—	52.4	6.4	46.0	138
1852	100 3 9	40 10	3½	5	4½	4	5½	4½	—	50.3	6.1	44.2	138
1853	97 14 1	53 3	4	5½	4½	4½	5½	4½	—	48.2	6.0	42.2	142
1854	91 15 8	72 5	4½	6½	5½	4½	6½	5½	—	46.4	6.0	40.4	138
1855	90 7 2	74 8	4½	6½	5½	4½	6½	5½	—	47.7	6.5	41.2	156
1856	92 18 9	69 2	4½	6½	5½	4½	6½	5½	—	48.2	6.6	41.6	158
1857	91 16 3	56 4	4½	6½	5½	4½	6½	5½	—	44.6	6.3	38.3	165
1858	96 19 5	44 2	4½	6½	5½	4½	6½	5½	—	44.7	6.2	38.5	160
1859	95 0 0	43 9	4½	6½	5½	4½	6½	5½	—	41.5	5.6	35.9	157
1860	93 19 8	53 3	4	6½	5½	5	7½	6½	—	40.1	5.6	34.5	161
1861	92 0 8	55 4	4	6½	5½	5	7½	6½	—	41.9	6.1	35.8	170
1862	93 8 9	55 5	4	6½	5½	5	7½	6½	—	46.7	6.4	40.3	160
1863	92 17 10	44 9	4½	6½	5½	4½	7	5½	—	48.0	6.3	41.7	151
1864	90 6 3	40 2	4½	6½	5½	4½	7	6	—	43.8	6.1	37.7	161
1865	89 11 7	41 10	4½	7	5½	5½	8½	7	—	41.9	6.0	35.9	168
1866	87 16 11	49 11	4½	7	5½	5½	8	6½	—	40.5	6.1	34.4	176
1867	93 1 3	64 5	4½	6½	5½	5	7	6	—	42.5	6.4	36.1	178
1868	93 19 5	63 9	4½	6½	5½	4½	7	6	—	43.6	6.8	36.8	183
1869	93 2 2	48 2	4½	7½	6½	5	7½	6½	—	43.4	6.7	36.7	183
1870	92 13 2	46 10	4½	7½	6	5½	7½	6½	—	43.5	6.6	36.9	180
1871	92 18 5	56 8	5½	7½	6½	5½	8½	7	—	41.6	6.3	35.3	179
1872	92 10 8	57 0	5½	7½	6½	6	8½	7	—	36.9	6.0	30.9	192
1873	92 14 8	53 8	5½	8	6½	6	9	7	31 0	33.9	5.9	23.0	210
1874	92 12 6	55 8	5½	8	6½	5½	9	8	23 8	31.5	5.8	25.7	225
1875	93 15 11	45 2	5½	8	6½	5½	9	7	21 8	29.7	5.6	24.1	233
1876	95 5 8	46 2	5½	8	6½	5½	9	7	19 1	27.5	5.7	21.8	260
1877	95 10 0	56 9	4½	8	6½	4½	9	7	17 5	27.0	6.0	21.0	283
1878	95 5 0	46 5	4½	8	6½	4½	9	7	16 4	27.3	6.2	21.1	293
1879	97 12 10	43 10	4	7½	5½	4½	8	6	15 11	29.0	6.5	22.5	290
1880	98 10 8	44 4	4½	7	6	4½	8	6	14 10	28.4	6.7	21.7	310
1881	100 2 6	45 4	4½	7½	5½	5½	9	7	16 0	23.2	6.8	21.4	318
1882	100 17 10	45 1	4½	8	6½	5½	9	7	15 10	27.2	6.7	20.5	325
1883	101 8 2	41 7	5	8	6½	5½	9	7	16 10	26.7	6.6	20.1	331
1884	101 4 8	35 8	4½	7½	6	4½	8	6	15 5	26.0	6.6	19.4	339
1885	99 4 8	32 10	3½	7	6	5	8	6	15 5	26.0	6.6	19.4	338
1886	100 17 10	31 0	3½	6½	4½	4½	8½	6½	14 9	26.6	6.6	20.0	328
1887	101 16 2	32 6	3	5½	4½	3	7½	5½	14 10	26.2	6.6	19.6	336
1888	101 0 0	31 10	3½	6	4½	3	7½	5½	14 10	26.0	6.6	19.4	337
1889	98 0 9	29 9	—	—	—	—	—	—	16 6	25.0	6.4	18.6	345
1890	96 10 0	31 11	—	—	—	—	—	—	18 7	23.8	6.2	17.6	350
1891	95 14 8	37 0	—	—	—	—	—	—	18 3	22.8	6.0	16.8	360
1892	96 13 6	30 3	—	—	—	—	—	—	17 7	22.7	6.1	16.6	370
1893	98 7 4	26 4	—	—	—	—	—	—	19 0	23.2	6.4	16.8	378

* The prices of Consols for the years 1844-52 relate to the 12 months beginning 1st April; from 1853 onwards the prices relate to calendar years. For the years 1844-88 the prices relate to stock bearing 3 per cent. interest, for 1889-93 to stock bearing 2½ per cent.
 † From the Board of Trade Statistical Abstract.
 ‡ The Registrar-General is unable to give precise information as to the price of meat for the years 1889-93.
 § The prices of coal are furnished by the Mineral Statistics Department of the Home Office.
 ¶ Derived from Returns, published by the Local Government Board, of the number of persons in receipt of Relief on the last day of each week.

TABLE 36.—Quarterly Meteorological

Compiled by JAMES GLAISHER, Esq., F.R.S., from Tables

1893. YEAR Winter Quarter Spring do. Summer do. Autumn do.	Temperature of								Elastic Force of Vapour.		Weight of Vapour in a Cubic Foot of Air.		
	Air.		Evaporation.		Dew Point.		Air—Daily Range.		Mean.	Diff. from Average of 52 Years.	Mean.	Diff. from Average of 52 Years.	
	Mean.	Diff. from Average of 122 Years.	Mean.	Diff. from Average of 52 Years.	Mean.	Diff. from Average of 52 Years.	Mean.	Diff. from Average of 52 Years.					
1893.	o	o	o	o	o	o	o	o	o	in.	in.	grs.	grs.
YEAR	- 51.1	+2.5	+1.9	47.1	+0.8	48.3	-0.2	17.8	+2.3	.290	-.004	3.3	-0.2
Winter Quarter	- 40.9	+2.1	+1.2	38.6	+0.8	35.8	+0.6	13.5	+1.8	.211	+0.005	2.4	0.0
Spring do.	- 57.0	+4.7	+4.2	50.9	+1.9	45.3	0.0	24.8	+4.8	.305	-.002	3.4	-0.1
Summer do.	- 61.9	+2.2	+1.8	56.7	+0.4	52.3	-0.7	20.6	+1.0	.395	-.009	4.4	-0.2
Autumn do.	- 44.6	+1.0	+0.4	42.3	-0.1	39.8	-0.7	12.4	+1.7	.248	-.009	2.8	-0.3

In this table + and - respectively signify that the number in the preceding column is

TABLE 37.—Monthly Meteorological

By JAMES

1893. MONTH.	Mean Reading of the Barometer.	Temperature of the Air.							Departure from Average of 122 years (1771-1892).	Mean Temperature of the Dew Point.
		Highest by Day.	Lowest by Night.	Range in Month.	Mean of all Highest.	Mean of all Lowest.	Mean Daily Range.	Mean for the Month.		
January	in. 29.885	o 52.2	o 13.9	o 38.3	o 59.3	o 31.2	o 8.1	o 35.4	o -1.2	o 32.1
February	29.542	58.8	23.1	35.7	47.2	35.7	11.5	41.1	+2.3	37.3
March	29.964	69.3	24.2	45.1	56.9	35.9	21.0	46.2	+5.2	37.9
April	29.990	80.0	30.2	49.8	64.2	39.6	24.6	51.4	+5.3	40.2
May	29.888	80.4	38.0	42.4	70.6	46.1	24.5	57.7	+5.2	46.1
June	29.838	91.0	37.3	53.7	75.3	50.1	25.2	61.8	+3.5	49.5
July	29.732	89.9	47.1	42.8	74.3	54.4	19.9	63.1	+1.5	53.5
August	29.861	95.1	48.2	51.9	77.7	55.2	22.5	65.6	+4.6	54.8
September	29.698	82.8	37.5	45.3	67.7	48.2	19.5	57.1	+0.5	48.7
October	29.745	66.7	30.2	36.5	59.3	41.6	14.7	51.5	+2.1	45.4
November	29.807	60.0	27.4	32.6	47.1	33.2	10.9	41.8	-0.7	37.3
December	29.831	56.8	20.2	26.1	45.9	34.4	11.5	40.6	+1.6	36.6
Means	29.815	73.5	31.0	42.5	60.5	42.6	17.8	51.1	+2.5	43.3

Elements, Greenwich, 1893.

furnished to the Registrar-General by the Astronomer Royal.

1893. YEAR Winter Quarter Spring do. Summer do. Autumn do.	Degree of Humidity.	Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.		Reading of Thermometer on Grass.			1893. YEAR Winter Quarter Spring do. Summer do. Autumn do.	
		Mean.	Diff. from Average of 52 Years.	Mean.	Diff. from Average of 52 Years.	Amount.	Diff. from Average of 78 Years.	Number of Nights it was				
								At or below 30°.	Between 30° and 40°.	Above 40°.		Lowest Reading at Night.	Highest Reading at Night.
1893.	o	in.	in.	grs.	grs.	Sums.	Sums.	o	o	o	1893.	
YEAR	- 7	29.815	+0.042	541	-1	20.13	-4.93	79	154	132	13.9	53.1
Winter Quarter	- 1	29.797	+0.025	552	0	4.60	-0.35	37	47	6	13.9	43.1
Spring do.	- 13	29.905	+1.126	535	-3	1.47	-4.31	8	44	39	24.7	52.0
Summer do.	- 7	29.764	-0.029	528	-2	5.87	-1.44	1	16	75	29.0	58.1
Autumn do.	- 6	29.794	+0.045	547	0	8.19	+1.12	33	47	12	17.1	55.0

above or below the average to the amount of the quantities to which these signs are affixed.

Elements, Greenwich, 1893.

GLAISHER, Esq., F.R.S.

1893. MONTH.	Mean Elastic Force of Vapour.	Weight of Vapour in a Cubic Foot of Air.	Mean additional Weight required for Saturation.	Mean Degree of Humidity. Saturation = 100.	Mean Weight of a Cubic Foot of Air.	Relative Proportion of Wind.				Mean Amount of Cloud.	Rain.		1893. MONTH.
						N.	E.	S.	W.		Number of Days on which measured.	Amount collected.	
January	in. 182	grs. 2.1	grs. 0.3	90	560	8	6	8	9	7.9	15	1.45	January.
February	223	2.6	0.4	87	547	5	4	10	9	6.9	22	2.72	February.
March	228	2.6	1.0	74	549	7	8	8	8	4.0	7	0.43	March.
April	249	2.8	1.5	65	543	7	17	4	2	3.1	3	0.12	April.
May	312	3.5	1.8	66	534	9	8	7	7	5.7	9	0.53	May.
June	355	4.0	2.2	64	529	7	12	5	6	4.8	8	0.82	June.
July	410	4.6	1.9	71	526	5	7	9	10	6.5	18	3.33	July.
August	430	4.7	2.2	69	525	4	4	12	11	4.8	11	1.25	August.
September	344	3.8	1.4	73	532	5	6	9	10	5.8	14	1.29	September.
October	304	3.4	0.8	80	539	5	2	12	12	5.6	15	4.16	October.
November	223	2.6	0.5	85	551	10	6	7	7	8.0	16	1.84	November.
December	217	2.5	0.4	86	552	3	3	16	9	5.9	16	2.19	December.
Means	290	3.3	1.2	76	541	75	83	107	100	5.7 Mean	154 Sum	20.13 Sum	Means.

TABLE 38.—Mean Annual Values of Meteorological Elements from Observations

NAME OF STATION.	Elevation in feet above the Sea Level.	Latitude.	Barometer.		Thermometer.							Mean Temperature	
			Mean.	Mean Monthly Range.	Highest Reading in the Year.	Lowest Reading in the Year.	Difference or Extreme Range.	Mean of all highest Daily Readings.	Mean of all lowest Daily Readings.	Mean Daily Range.	Of the Air.	Of the Dew-point.	
Guernsey	275	49 27 N.	29.755	0.996	74.1	34.3	39.8	59.5	48.6	10.9	53.2	47.3	
Truro	43	50 17	29.658	1.036	76.8	25.5	51.3	60.7	45.0	15.7	52.1	46.3	
Eastbourne	12	50 44	29.674	1.021	71.6	29.3	42.3	57.4	45.5	11.9	50.8	44.5	
Osborne	172	50 45	29.635	1.079	78.9	27.6	51.3	60.1	44.6	15.5	51.2	48.4	
Salisbury	186	51 4	29.675	1.064	79.8	19.8	60.0	61.6	38.5	28.1	50.0	44.4	
Barnstaple	43	51 5	29.676	1.105	77.3	25.0	52.3	50.7	41.8	14.9	51.6	45.6	
Bath	596	51 15	29.686	1.095	74.5	25.5	49.1	57.1	42.3	14.8	49.2	43.7	
Whitechurch	150	51 29	29.731	..	77.1	24.3	52.8	59.7	41.1	18.6	49.9	44.6	
Royal Observatory	159	51 29	29.694	1.114	80.5	25.4	55.1	60.5	42.7	17.8	51.1	43.3	
Camden Square	123	51 32	29.712	1.080	79.5	25.4	54.1	60.6	43.2	17.4	51.0	43.2	
Tottenham	47	51 36	29.687	1.057	77.3	25.7	51.6	59.0	43.2	15.8	49.9	43.7	
Barnet	212	51 38	29.727	1.082	80.1	19.9	60.2	60.3	39.0	21.3	49.4	43.0	
Oxford	212	51 43	29.691	1.139	76.9	24.3	52.6	58.8	42.5	16.3	50.7	43.2	
Royston	301	52 2	29.769	1.097	79.0	24.7	54.3	59.7	41.3	18.4	49.6	43.8	
Hereford	291	52 2	29.685	1.138	76.7	22.2	54.5	58.8	41.0	17.8	49.3	43.6	
Cambridge	40	52 13	29.641	1.126	80.1	22.4	57.7	60.4	41.4	18.9	50.3	44.9	
Lowestoft	89	52 29	29.669	1.111	72.9	27.2	45.7	55.6	42.5	13.1	48.7	42.8	
Somerleyton	50	52 31	29.679	1.093	74.7	26.2	48.5	56.1	41.7	14.4	48.3	42.4	
Wolverhampton	500	52 37	29.705	1.091	73.8	22.9	50.9	57.0	40.2	16.8	47.7	42.5	
Nottingham	215	52 57	29.661	1.146	76.0	23.4	52.6	57.7	42.0	15.7	49.2	41.8	
Llandudno	100	53 20	29.655	1.208	73.2	33.5	39.7	56.8	45.9	10.9	50.9	43.6	
Liverpool	197	53 24	29.657	1.216	75.0	30.1	44.0	56.6	45.0	11.6	50.1	43.2	
Halifax	530	53 42	..	..	78.3	24.7	51.6	56.3	41.0	15.2	47.5	41.5
Halifax Pub. Lib.	625	53 43	29.696	1.189	72.2	23.4	45.8	54.5	42.1	12.4	47.4	41.1	
Hull	6	53 45	29.653	1.121	77.3	23.8	53.5	57.0	40.3	16.8	43.7	42.1	
Leeds	137	53 48	29.602	1.195	76.5	28.5	48.0	57.4	43.8	13.6	49.5	41.6	
Stonyhurst	363	53 51	29.656	1.264	75.9	23.2	52.7	57.8	41.2	16.6	48.5	42.7	
Carlisle	114	53 53	29.603	1.284	75.8	21.9	53.9	58.1	41.7	16.4	49.6	43.0	

at several Stations in the Year 1893. By JAMES GLAISHER, Esq., F.R.S.

Mean Monthly Elastic Force of Vapour.	Mean Weight of Vapour in a Cubic Foot of Air.	Mean additional Weight of Vapour required for Saturation.	Mean Degree of Humidity (Saturation=100).	Mean Weight of a Cubic Foot of Air.	Mean estimated Strength.	Wind.				Mean Amount of Cloud (0-10).	Rain.		NAME OF STATION.
						Relative Proportion of					Number of Days on which measured.	Amount collected.	
						N.	E.	S.	W.				
in.	grs.	gr.		grs.						days.	in.		
.335	3.9	1.0	81	538	0.9	6	7	6	12	4.9	184	30.99	Guernsey.
.320	3.6	1.0	82	541	1.5	8	7	7	9	5.0	173	29.07	Truro.
.303	3.5	1.0	80	544	0.4	9	6	4	12	5.6	168	28.76	Eastbourne.
.355	4.0	0.5	90	540	0.2	7	6	8	10	5.6	147	24.15	Osborne.
.304	3.4	0.9	83	541	1.2	8	6	6	11	5.8	175	25.63	Salisbury.
.314	3.5	0.9	81	542	1.1	4	7	8	12	4.7	144	32.02	Barnstaple.
.294	3.3	0.8	82	534	1.0	8	4	7	12	5.2	167	35.17	Bath.
.333	3.5	0.8	83	543	1.0	7	7	7	10	5.9	146	18.93	Whitechurch.
.290	3.3	1.2	76	541	..	..	..	..	..	5.7	154	20.13	Royal Observatory.
.287	3.2	1.2	76	541	..	8	7	7	9	5.2	148	19.82	Camden Square.
.295	3.3	0.9	81	544	0.9	7	6	6	11	5.9	135	18.57	Tottenham.
.287	3.0	1.0	79	542	0.5	5	8	6	12	5.5	125	20.42	Barnet.
.289	3.2	1.1	74	540	2.0	7	6	8	10	6.6	135	18.59	Oxford.
.287	3.0	1.0	79	541	..	7	5	8	11	5.6	147	20.52	Royston.
.291	3.3	0.8	81	541	1.4	8	4	7	11	6.6	154	20.33	Hereford.
.309	3.5	0.9	83	543	1.3	7	5	8	10	5.5	147	19.48	Cambridge.
.285	3.3	0.8	81	544	..	7	6	5	11	5.9	164	17.47	Lowestoft.
.279	3.2	0.8	81	545	1.1	6	7	8	10	5.8	155	17.15	Somerleyton.
.284	3.3	0.7	84	538	..	7	6	10	8	7.2	139	19.49	Wolverhampton.
.272	3.1	1.1	77	541	0.6	6	5	4	16	6.0	183	20.18	Nottingham.
.291	3.3	1.1	76	541	0.7	6	5	6	12	4.9	172	26.60	Llandudno.
.287	3.3	1.0	79	549	..	4	7	8	11	5.4	183	24.30	Liverpool.
.269	3.1	0.8	80	..	..	4	7	8	12	6.5	177	23.09	Halifax.
.264	3.0	0.9	80	535	0.7	6	6	5	13	7.6	155	26.15	Halifax Pub. Lib.
.276	3.2	0.9	78	545	1.3	5	5	8	12	5.6	152	20.12	Hull.
.293	3.3	0.9	81	541	1.3	6	6	7	12	5.4	168	22.94	Leeds.
.284	3.3	0.9	81	539	0.4	4	6	5	15	7.2	212	50.56	Stonyhurst.
.287	3.3	1.0	80	539	1.1	5	5	6	15	6.6	189	25.94	Carlisle.

INTERNATIONAL VITAL STATISTICS.

TABLE 39.—Persons Married, Births, and Deaths per 1000 of the Population, in the UNITED KINGDOM and in OTHER EUROPEAN STATES.

(Tabulated from returns furnished by the authorities of the various States.)

Table with columns for Year, Country (United Kingdom, England and Wales, Scotland, Ireland, Denmark, Norway, Sweden, Austria, Hungary, Switzerland, German Empire, Prussia, The Netherlands, Belgium, France, Italy), and rows for Persons Married to 1000 Living, Births to 1000 Living, and Deaths to 1000 Living.

TABLE 40.—UNITED KINGDOM. Population, Marriages, Births, and Deaths, 1864-93.

Table with columns for Year, Estimated Population, Marriages, Persons Married, Births, Deaths, and Proportion per 1000 of the Population (Persons Married, Births, Deaths).

all wrong

1894. 38,776,154

TABLE 41.—ENGLAND AND WALES. Population, Marriages, Births, and Deaths, 1853-93.

Table with columns for Year, Estimated Population, Marriages, Persons Married, Births, Deaths, and Proportion per 1000 of the Population (Persons Married, Births, Deaths).

nat. he:

391.707
372.560
367.725
375.922
371.520
366.484
368.897
367.597
307.689
326.232
338.273
344.584

3. en. 1894 30.060.743

NOTE.—Explanations of the causes of excessive rates of mortality in different years will be found in the following Tables relating to the several European States.

* Census year.

TABLE 42.—SCOTLAND. Population, Marriages, Births, and Deaths, 1856-93.

(Compiled from the Reports of the Registrar-General for Scotland.)

Table with 9 columns: Year, Estimated Population, Marriages, Persons Married, Births, Deaths, Proportion per 1000 (Persons Married, Births, Deaths). Rows 1856-1893.

* Census year.

TABLE 43.—IRELAND. Population, Marriages, Births, and Deaths, 1864-93.

(Compiled from the Reports of the Registrar-General for Ireland.)

Table with 9 columns: Year, Estimated Population, Marriages, Persons Married, Births, Deaths, Proportion per 1000 (Persons Married, Births, Deaths). Rows 1864-1893.

* Census year.

TABLE 44.—DENMARK (the Kingdom properly so called). Population, Marriages, Births, and Deaths, 1851-93.

(Supplied by the Director of the Statistical Bureau of Denmark.)

Table with 9 columns: Year, Estimated Population, Marriages, Persons Married, Births, Deaths, Proportion per 1000 (Persons Married, Births, Deaths). Rows 1851-1893.

NOTE.—An addition of territory containing a population of about 8000 was made in 1864, and the facts relating thereto are included in this Table from 1860. Previously to 1st January 1860, children who died within 24 hours after birth were counted as still-born.

* Census year.

† Cholera was epidemic in the year 1853, and war raged in the year 1864.

TABLE 45.—NORWAY. Population, Marriages, Births, and Deaths, 1871-93.

(Supplied by the Director of the Central Statistical Bureau.)

Table with 9 columns: Year, Estimated Population, Marriages, Persons Married, Births, Deaths, Proportion per 1000 (Persons Married, Births, Deaths). Rows 1871-1893.

* Census year.

TABLE 46.—SWEDEN. Population, Marriages, Births, and Deaths, 1851-93.

(Supplied by the Director of the Central Statistical Bureau of Sweden.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1851	3,499,594	25,750	51,500	111,065	72,506	14.7	31.7	20.7
1852	3,528,528	24,150	48,300	108,305	80,090	13.7	30.7	22.7
1853	3,551,863	25,596	51,192	111,407	84,047†	14.4	31.4	23.7†
1854	3,585,720	27,585	55,170	120,107	70,846	15.4	33.5	19.8
1855*	3,624,568	27,253	54,506	115,072	77,734	15.0	31.7	21.4
1856	3,656,999	27,221	54,442	115,082	79,618	14.9	31.5	21.8
1857	3,680,295	28,531	57,062	119,349	101,491†	15.5	32.4	27.6†
1858	3,710,921	30,092	60,184	129,039	80,498	16.2	34.8	21.7
1859	3,760,987	31,125	62,250	131,605	75,720	16.6	35.0	20.1
1860*	3,823,732	29,839	59,678	133,162	67,502	15.6	34.8	17.7
1861	3,888,534	28,272	56,544	126,634	71,829	14.5	32.6	18.5
1862	3,941,619	27,825	55,650	131,584	84,350	14.1	33.4	21.4
1863	3,994,232	29,013	58,026	134,279	77,227	14.5	33.6	19.3
1864	4,046,313	28,248	56,496	136,004	81,937	14.0	33.6	20.2
1865	4,092,101	28,944	57,888	134,281	79,216	14.1	32.8	19.4
1866	4,137,409	27,797	55,594	136,989	82,666†	13.4	33.1	20.0†
1867	4,178,179	25,440	50,880	128,832	82,072	12.2	30.8	19.6
1868	4,184,381	22,833	45,666	114,955	87,807	10.9	27.5	21.0
1869	4,165,919	23,503	47,006	117,677	92,775	11.3	28.2	22.3
1870*	4,163,641	25,072	50,144	119,838	82,449	12.0	28.8	19.8
1871	4,186,351	27,187	54,374	127,333	72,046	13.0	30.4	17.2
1872	4,227,295	29,470	58,940	126,983	68,802	13.9	30.0	16.3
1873	4,274,192	31,257	62,514	131,643	73,525	14.6	30.8	17.2
1874	4,319,766	31,422	62,844	133,249	87,760†	14.5	30.9	20.3†
1875	4,362,425	30,762	61,524	135,958	88,439	14.1	31.2	20.3
1876	4,406,502	31,184	62,368	135,890	86,334	14.2	30.8	19.6
1877	4,457,127	30,674	61,348	138,476	83,175†	13.7	31.1	18.7†
1878	4,508,203	29,151	58,302	134,464	81,418	12.9	29.8	18.1
1879	4,555,382	28,635	57,270	139,043	77,152	12.6	30.5	16.9
1880*	4,572,235	28,919	57,838	134,262	82,753	12.6	29.4	18.1
1881	4,568,956	28,301	56,602	132,304	80,800†	12.4	29.1	17.7†
1882	4,575,680	28,967	57,934	134,300	79,406	12.7	29.4	17.4
1883	4,591,355	29,449	58,898	132,375	79,457	12.9	28.9	17.3
1884	4,624,022	30,200	60,400	138,745	81,077	13.1	30.0	17.5
1885	4,663,609	30,911	61,822	137,308	82,781	13.3	29.4	17.8
1886	4,699,979	30,133	60,266	139,882	78,045	12.8	29.8	16.6
1887	4,726,045	29,517	59,034	140,169	76,227	12.5	29.7	16.1
1888	4,741,379	28,775	56,150	136,451	75,331	11.8	28.8	16.0
1889	4,761,333	23,478	56,956	132,069	76,124	12.0	27.7	16.0
1890*	4,779,695	28,611	57,222	133,597	81,824	12.0	28.0	17.1
1891	4,793,863	27,940	55,880	135,516	80,603	11.7	28.3	16.8
1892	4,804,308	27,338	54,676	129,622	85,594	11.4	27.0	17.9
1893	—	—	—	—	—	—	—	—

* Census year.

† Cholera was epidemic in the years 1853, 1857, and 1866. In 1874 small-pox caused 4063 deaths, the highest number in any year since 1801. In 1877 scarlet fever caused 7426 deaths, and in 1881 diphtheria caused 3897 deaths.

TABLE 47.—AUSTRIA. Population, Marriages, Births, and Deaths, 1853-93.

(Furnished by the President of the Statistical Central Commission of Austria.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, at the end of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	17,816,877	137,621	275,242	665,994	570,885	15.4	37.4	32.0
1854	17,911,936	124,258	248,516	654,267	622,695	13.9	36.5	34.8
1855	17,733,086	115,223	230,446	577,177	737,649	13.2	32.5	44.4
1856	17,843,463	147,474	294,948	653,172	541,887	16.5	36.6	30.4
1857*	18,224,500	147,657	295,314	725,334	503,915	16.2	39.8	27.7
1858	18,458,396	155,073	310,146	729,666	532,920	16.8	39.5	28.8
1859	18,671,801	130,656	261,312	753,880	540,475	14.0	40.4	29.0
1860	18,884,598	158,340	316,680	715,606	502,809	16.8	37.9	26.6
1861	19,029,405	151,440	302,880	708,209	563,402	15.9	37.2	29.6
1862	19,193,037	168,684	337,368	726,474	562,792	17.6	37.9	29.3
1863	19,398,051	162,958	325,916	781,445	576,481	16.8	40.3	30.0
1864	19,602,736	160,740	321,480	789,827	585,142	16.4	40.3	30.0
1865	19,750,318	153,492	306,984	746,445	598,863	15.5	37.8	30.3
1866	19,692,487	128,051	256,102	746,507	804,338†	13.0	37.9	40.9†
1867	19,838,970	191,661	383,322	726,538	580,055	19.3	36.6	29.2
1868	20,026,554	182,940	365,880	758,591	571,558	18.3	37.9	28.5
1869*	20,217,531	208,787	417,574	795,360	583,995	20.7	39.3	28.9
1870	20,421,737	199,083	398,166	808,281	598,581	19.5	39.6	29.3
1871	20,601,118	194,591	389,182	801,515	616,729	18.9	38.9	29.9
1872	20,728,929	192,406	384,812	810,147	677,022	18.6	39.1	32.7
1873	20,740,588	194,815	389,630	828,030	811,150†	18.8	39.9	39.1†
1874	20,902,239	189,017	378,034	829,709	662,929	18.1	39.7	31.7
1875	21,105,317	180,349	360,698	842,303	634,088	17.1	39.9	30.0
1876	21,319,544	176,148	352,296	853,436	634,363	16.5	40.0	29.5
1877	21,467,718	161,337	322,674	830,776	677,743	15.0	38.7	31.6
1878	21,614,206	164,233	323,466	833,251	683,661	15.2	38.6	31.6
1879	21,812,654	169,088	338,176	855,593	652,491	15.5	39.2	29.9
1880*	21,981,321	167,200	334,400	827,980	654,258	15.3	38.0	29.8
1881	22,136,223	176,983	353,966	833,476	676,515	16.0	37.7	30.6
1882	22,320,116	183,378	366,756	873,522	686,951	16.4	39.1	30.8
1883	22,493,862	176,016	352,032	858,832	677,337	15.6	38.2	30.1
1884	22,707,845	179,171	353,342	878,321	666,523	15.3	38.7	29.4
1885	22,876,005	175,233	350,466	860,663	689,493	15.3	37.6	30.1
1886	23,070,688	180,191	360,382	876,063	673,453	15.6	38.0	29.4
1887	23,284,769	182,083	364,176	889,478	672,302	15.7	38.2	28.9
1888	23,484,995	185,991	371,982	889,901	686,573	15.8	37.9	29.2
1889	23,733,410	177,771	355,542	898,350	646,787	16.0	37.9	27.3
1890*	23,895,413	178,906	357,812	868,935	696,342	15.1	36.7	29.4
1891	24,127,412	186,418	372,836	947,017	673,315	15.4	38.1	27.9
1892	24,106,481	187,707	375,414	871,278	693,421	15.6	36.2	28.8
1893	—	—	—	—	—	—	—	—

NOTE.—The figures in this table refer exclusively to the civil population.

* Census year.

† The excessive mortality in 1866 was due to cholera and the war.

‡ Cholera caused the deaths of 107,007 persons in 1873.

TABLE 48.—HUNGARY. Population, Marriages, Births, and Deaths, 1876-93.

(Furnished by the Director of the Statistical Department of Hungary.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1876	15,403,000	154,305	308,610	704,856	545,570	20·0	45·8	35·4
1877	15,498,000	143,380	286,769	669,816	502,485	18·5	43·2	36·3
1878	15,556,000	147,014	294,028	665,392	577,104	18·9	42·8	37·1
1879	15,628,000	162,183	324,376	713,584	556,605	20·8	45·7	35·6
1880*	15,718,000	144,128	288,252	672,352	588,788	18·3	42·8	37·1
1881	15,797,000	157,733	315,466	676,891	542,850	19·9	42·9	34·8
1882	15,914,000	163,839	327,678	696,682	500,857	20·6	43·8	35·2
1883	16,064,000	167,609	335,218	718,908	515,604	20·9	44·8	32·1
1884	16,266,000	167,404	334,808	741,206	508,575	20·6	45·6	31·0
1885	16,473,000	165,169	330,338	737,353	528,656	20·0	44·8	31·8
1886	16,678,000	160,674	321,348	759,865	526,728	19·3	45·6	31·6
1887	16,863,000	151,511	303,022	744,737	569,380	17·9	44·2	33·8
1888	17,033,000	158,881	317,762	745,867	545,169	18·7	43·8	32·0
1889	17,234,000	140,524	281,048	753,312	518,462	16·3	43·7	29·9
1890*	17,404,000	142,588	285,176	701,504	563,009	16·4	40·3	32·4
1891	17,544,000	150,825	301,650	742,416	581,263	17·2	42·3	33·1
1892	17,672,000	162,702	325,404	712,603	518,765	18·4	40·3	35·0
1893	17,820,000	166,511	333,022	758,222	554,941	18·6	42·5	31·1

* Census year.

TABLE 49.—SWITZERLAND. Population, Marriages, Births, and Deaths, 1868-93.

(Compiled from the Reports issued by the Federal Statistical Bureau.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1868	2,629,886	17,648	35,296	?	?	13·4	?	?
1869	2,646,115	19,091	38,182	?	?	14·4	?	?
1870*	2,662,344	18,610	37,220	79,208	68,746	14·0	29·8	25·8
1871	2,679,469	19,514	39,028	77,633	74,002	14·6	29·0	27·6
1872	2,697,165	21,212	42,424	80,329	59,758	15·7	29·8	22·2
1873	2,714,860	20,649	41,298	80,569	61,676	15·2	29·7	22·7
1874	2,732,556	22,655	45,310	83,051	60,845	16·6	30·4	22·3
1875	2,750,251	24,629	49,258	87,579	66,113	17·9	31·8	24·0
1876	2,767,947	22,376	44,752	90,786	66,819	16·2	32·8	24·1
1877	2,785,642	21,371	43,742	89,244	65,353	15·7	32·0	23·5
1878	2,803,338	20,590	41,180	87,833	65,311	14·7	31·3	23·3
1879	2,821,033	19,450	38,900	86,180	63,651	13·8	30·5	22·6
1880*	2,838,729	19,413	38,826	84,165	62,223	13·7	29·6	21·9
1881	2,856,425	19,425	38,850	85,142	63,979	13·6	29·8	22·4
1882	2,874,121	19,414	38,828	82,689	62,849	13·6	28·9	21·9
1883	2,891,817	19,693	39,392	81,974	58,738	13·7	28·5	20·4
1884	2,909,513	19,898	39,796	81,571	58,301	13·8	28·3	20·2
1885	2,927,209	20,105	40,210	80,349	61,548	13·9	27·7	21·3
1886	2,944,905	20,080	40,160	80,763	60,061	13·8	27·8	20·7
1887	2,962,601	20,646	41,292	81,287	58,939	14·2	27·9	20·2
1888*	2,980,297	20,706	41,412	81,098	58,229	14·1	27·7	19·9
1889	2,997,993	20,691	41,382	81,176	59,715	14·1	27·6	20·3
1890	3,015,689	20,836	41,672	78,548	61,505	14·1	26·6	20·9
1891	3,033,385	21,264	42,528	83,506	61,183	14·4	28·3	20·7
1892	3,051,081	21,834	43,768	83,125	57,178	14·8	28·1	19·3
1893	3,068,777	21,884	43,768	84,897	61,060	14·7	28·5	20·5

* Census year.

TABLE 50.—GERMAN EMPIRE. Population, Marriages, Births, and Deaths, 1872-93.

(Furnished by the Director of the Statistical Department of the German Empire.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1872	41,185,000	423,900	847,800	1,626,037	1,194,732	20·6	39·5	29·0
1873	41,532,000	416,049	832,098	1,648,117	1,174,233	20·0	39·7	28·3
1874	41,983,000	400,282	800,564	1,683,440	1,122,336	19·1	40·1	26·7
1875*	42,510,000	386,746	773,492	1,724,412	1,172,393	18·2	40·6	27·6
1876	43,057,000	366,930	733,860	1,761,046	1,134,452	17·0	40·9	26·3
1877	43,608,000	347,792	695,584	1,744,659	1,152,023	16·0	40·0	26·4
1878	44,127,000	340,016	680,032	1,714,433	1,157,960	15·4	38·9	26·2
1879	44,639,000	335,113	670,226	1,735,871	1,143,773	15·0	38·9	25·6
1880*	45,093,000	337,342	674,684	1,696,175	1,173,205	15·0	37·6	26·0
1881	45,426,000	338,909	677,818	1,682,149	1,156,391	14·9	37·0	25·5
1882	45,717,000	350,457	700,914	1,702,348	1,176,853	15·3	37·2	25·7
1883	46,014,000	352,999	705,998	1,683,699	1,190,002	15·3	36·6	25·9
1884	46,334,000	362,596	725,192	1,725,583	1,203,500	15·7	37·2	26·0
1885*	46,705,000	368,619	737,238	1,729,927	1,199,742	15·8	37·0	25·7
1886	47,132,000	372,326	744,652	1,746,133	1,233,737	15·8	37·0	26·2
1887	47,628,000	370,659	741,318	1,757,079	1,151,924	15·6	36·9	24·2
1888	48,166,000	376,654	753,306	1,761,407	1,142,828	15·6	36·6	23·7
1889	48,715,000	389,339	778,678	1,772,570	1,153,087	16·0	36·4	23·7
1890*	49,239,000	395,356	790,712	1,759,253	1,199,006	16·1	35·7	24·4
1891	49,767,000	399,398	798,796	1,840,172	1,164,421	16·1	37·0	23·4
1892	50,279,000	398,775	797,550	1,795,971	1,211,402	15·9	35·7	24·1
1893	50,778,000	401,234	802,468	1,865,715	1,248,201	15·8	36·7	24·6

* Census year.

TABLE 51.—PRUSSIA. Population, Marriages, Births, and Deaths, 1854-93.

(Furnished by the Director of the Statistical Department of Prussia.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1854	17,097,394	134,261	268,522	622,923	475,006	15·7	36·4	27·8
1855*	17,176,336	131,911	263,822	593,517	528,155	15·4	34·6	30·6
1856	17,276,226	141,267	282,534	601,010	453,299	16·4	34·8	26·2
1857	17,439,813	162,475	324,950	674,790	493,173	18·6	38·7	28·3
1858*	17,634,959	167,387	334,774	699,364	488,912	19·0	39·7	27·7
1859	17,870,194	150,569	301,138	715,641	462,360	16·9	40·0	25·9
1860	18,139,940	151,847	303,694	699,415	429,968	16·7	38·6	23·7
1861*	18,394,861	146,992	293,984	692,397	467,612	16·0	37·7	25·4
1862	18,629,026	157,118	314,236	692,402	457,736	16·9	37·2	24·6
1863	18,875,966	163,704	327,408	745,241	492,068	17·3	39·5	26·1
1864*	19,134,883	165,590	331,180	758,995	503,280†	17·3	39·7	26·8†
1865	19,363,435	176,236	352,472	761,315	530,157	18·2	39·3	27·4
1866	19,487,770	151,759	303,513	765,342	664,904†	15·6	39·3	34·1†
1867*	19,677,134	222,466	444,932	884,505	614,212	18·6	37·0	25·7
1868	20,066,759	212,958	425,916	887,835	658,733	17·7	36·9	27·4
1869	20,260,862	216,914	433,828	919,116	632,049	17·0	37·9	26·1
1870	20,484,786	181,539	363,078	938,574	665,960†	14·8	38·3	27·2†
1871*	20,630,440	196,330	392,660	933,375	709,288†	15·9	33·8	28·8†
1872	20,750,637	255,886	511,772	984,420	725,957	20·7	39·8	29·3
1873	20,948,408	253,327	506,654	989,270	699,666†	20·3	39·6	28·0†
1874	21,219,818	245,224	490,448	1,013,386	652,202	19·4	40·2	25·9
1875*	21,549,935	231,331	462,662	1,041,907	679,879	18·1	40·8	26·6
1876	21,950,148	221,727	443,454	1,056,749	660,409	17·1	40·7	25·4
1877	22,305,317	210,357	420,714	1,048,648	672,406	16·0	39·9	25·6
1878	22,634,797	207,716	415,432	1,032,098	656,312	15·6	38·7	25·8
1879	22,952,742	206,752	413,504	1,051,883	666,615	15·3	39·0	24·7
1880*	23,265,339	208,466	416,912	1,029,057	692,030	15·3	37·8	25·5
1881	23,581,382	209,586	419,172	1,012,962	682,369	15·3	37·0	24·9
1882	23,856,624	217,239	434,478	1,036,187	700,341	15·8	37·6	25·4
1883	24,140,418	220,748	441,496	1,028,891	711,380	15·9	37·1	25·6
1884	24,427,407	225,939	451,878	1,051,213	718,240	16·2	37·6	25·7
1885*	24,703,323	230,707	461,414	1,064,734	717,031	16·4	37·8	25·4
1886	24,984,191	231,588	463,176	1,074,541	742,901	16·3	37·7	26·1
1887	25,270,042	229,999	459,998	1,085,224	686,325	16·0	37·7	23·8
1888	25,567,429	233,421	466,842	1,091,415	665,564	16·0	37·4	22·8
1889	25,863,056	240,996	481,992	1,094,700	682,875	16·3	37·1	23·2
1890*	26,163,633	244,657	489,314	1,092,373	717,290	16·4	36·6	24·0
1891	26,469,617	245,906	491,812	1,138,384	689,551	16·3	37·7	22·9
1892	26,772,614	245,447	490,894	1,108,827	714,752	16·1	36·3	23·4
1893	27,084,703	248,343						

TABLE 52.—THE NETHERLANDS. Population, Marriages, Births, and Deaths, 1853-93.

(Compiled from the Annuaire Statistique des Pays Bas.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	3,154,730	24,487	48,974	104,297	77,415	15.5	33.1	24.5
1854	3,180,790	23,855	47,710	104,244	76,475	15.0	32.8	24.0
1855	3,207,065	23,367	46,734	102,815	90,202	14.6	32.1	28.1
1856	3,233,843	24,509	49,018	106,008	76,145	15.2	32.8	23.5
1857	3,267,058	25,950	51,900	113,426	87,625	15.9	34.7	26.8
1858	3,292,793	26,342	52,684	106,846	91,925	16.0	32.4	27.9
1859*	3,306,173	27,007	54,014	115,569	103,067†	16.3	35.0	31.2†
1860	3,322,699	27,108	54,216	105,847	82,545	16.3	31.9	24.8
1861	3,354,731	27,172	54,344	118,681	85,133	16.2	35.4	25.4
1862	3,391,692	26,541	53,082	112,768	80,822	15.7	33.2	23.8
1863	3,431,888	28,419	56,838	124,758	82,064	16.6	36.4	23.9
1864	3,472,645	29,154	58,308	123,795	87,766	16.8	35.7	25.3
1865	3,510,486	29,806	59,612	126,794	91,074	17.0	36.1	25.9
1866	3,540,841	29,620	59,240	125,253	101,854†	16.7	35.4	28.8†
1867	3,572,495	29,935	59,870	126,504	84,767	16.8	35.4	23.7
1868	3,610,442	27,630	55,360	126,059	89,944	15.3	34.9	24.9
1869*	3,606,219	27,706	55,592	123,789	82,553	15.4	34.3	22.9
1870	3,601,143	28,632	57,264	129,997	93,066	15.9	36.1	25.8
1871	3,627,801	28,991	57,982	128,305	106,978†	16.0	35.4	29.5†
1872	3,655,969	30,189	60,378	131,664	94,594	16.5	36.0	25.9
1873	3,695,331	31,671	63,342	133,796	89,287	17.1	36.2	24.2
1874	3,741,632	31,353	62,706	136,072	85,069	16.8	36.4	22.7
1875	3,788,895	31,553	63,106	138,469	96,834	16.7	36.6	25.6
1876	3,837,491	31,699	63,398	142,210	90,187	16.5	37.1	23.5
1877	3,895,124	31,470	62,940	142,618	86,289	16.2	36.6	22.2
1878	3,953,939	30,710	61,420	142,746	90,739	15.5	36.1	23.0
1879*	4,009,448	30,655	61,310	147,014	90,024	15.3	36.7	22.5
1880	4,048,801	30,349	60,698	143,855	95,282	15.0	35.5	23.5
1881	4,087,234	29,849	59,698	142,969	87,726	14.6	35.0	21.5
1882	4,143,524	29,571	59,142	146,454	85,950	14.3	35.3	20.7
1883	4,199,013	29,815	59,630	144,102	91,656	14.2	34.3	21.8
1884	4,251,669	30,528	61,056	148,480	94,413	14.4	34.9	22.2
1885	4,307,142	29,894	59,788	148,028	90,304	13.9	34.4	21.0
1886	4,363,434	30,298	60,596	150,851	95,239	13.9	34.6	21.8
1887	4,420,864	30,924	61,848	149,157	87,093	14.0	33.7	19.7
1888	4,478,401	30,832	61,724	151,094	91,241	13.8	33.7	20.4
1889*	4,527,264	31,494	62,988	150,529	91,125	13.9	33.2	20.1
1890	4,537,990	32,304	64,608	149,329	93,246	14.2	32.9	20.5
1891	4,593,155	32,707	65,414	154,687	94,344	14.2	33.7	20.7
1892	4,645,660	33,330	66,660	148,714	97,530	14.4	32.0	21.0
1893	4,701,243	34,311	68,622	159,005	90,372	14.6	33.8	19.2

* Census year.
† Cholera prevailed in 1859 and 1866, and caused 3,878 and 19,686 deaths respectively; small-pox caused 5,787 deaths in 1871.

TABLE 53.—BELGIUM. Population, Marriages, Births, and Deaths, 1853-93.

(Furnished by the Director of the Statistical Department of Belgium.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, at the end of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	4,548,507	30,636	61,272	127,728	100,333	13.5	28.1	22.1
1854	4,585,996	29,490	58,980	131,897	103,266	12.9	28.8	22.5
1855	4,607,066	29,818	59,636	125,955	112,716	12.9	27.3	24.5
1856*	4,529,461	32,926	65,852	134,187	97,395	14.5	29.6	21.5
1857	4,577,236	37,292	74,584	143,291	103,458	16.3	31.3	22.6
1858	4,623,197	38,237	76,474	145,074	107,910	16.5	31.4	23.3
1859	4,671,187	36,941	73,882	149,812	111,650	15.8	32.1	23.9
1860	4,731,957	35,112	70,224	144,668	92,871	14.8	30.6	19.6
1861	4,782,255	33,802	67,604	147,253	106,881	14.1	30.8	22.2
1862	4,836,566	34,146	68,292	145,568	100,124	14.1	30.1	20.7
1863	4,893,021	35,813	71,626	155,564	107,959	14.6	31.8	22.1
1864	4,940,570	36,959	73,918	155,872	115,948	15.0	31.5	23.5
1865	4,984,351	37,671	75,342	156,323	122,341	15.1	31.4	24.5
1866*	4,827,833	37,783	75,566	158,010	151,116†	15.7	32.7	31.3†
1867	4,897,794	38,244	76,488	157,149	105,576	15.6	32.1	21.6
1868	4,961,644	36,271	72,542	156,134	107,556	14.6	31.5	21.7
1869	5,021,336	37,134	74,268	158,687	109,607	14.8	31.6	21.8
1870	5,087,826	35,233	70,466	164,572	118,359	13.9	32.3	23.3
1871	5,113,680	37,538	75,076	158,760	145,746†	14.7	31.0	28.5†
1872	5,175,037	40,084	80,168	167,377	120,129	15.5	32.3	23.2
1873	5,253,794	40,598	81,196	170,708	112,873	15.5	32.5	21.5
1874	5,336,634	40,328	80,656	173,978	109,595	15.1	32.6	20.5
1875	5,402,938	39,050	78,100	175,552	122,480	14.5	32.5	22.7
1876*	5,336,185	38,228	76,456	176,915	116,787	14.3	33.2	21.9
1877	5,412,731	36,964	73,928	175,077	114,269	13.7	32.3	21.1
1878	5,476,939	36,669	73,338	172,730	117,721	13.4	31.5	21.5
1879	5,536,654	37,421	74,842	174,641	121,060	13.5	31.5	21.9
1880*	5,520,009	38,926	77,852	171,864	123,323	14.1	31.1	22.3
1881	5,585,846	39,487	78,974	175,411	117,007	14.1	31.4	20.9
1882	5,655,197	39,214	78,428	176,345	114,298	13.9	31.2	20.2
1883	5,720,807	38,666	77,332	174,484	119,196	13.5	30.5	20.8
1884	5,784,958	39,205	78,410	176,721	121,070	13.5	30.5	20.9
1885	5,853,278	39,910	79,820	175,043	117,775	13.6	29.9	20.1
1886	5,909,975	39,642	79,284	175,091	124,904	13.4	29.6	21.1
1887	5,974,743	42,491	84,982	175,466	115,296	14.2	29.4	19.3
1888	6,030,043	42,427	84,854	175,586	121,097	14.2	29.1	20.1
1889	6,093,798	43,759	87,518	177,542	119,726	14.5	29.5	19.1
1890*	6,069,321	44,596	89,192	176,595	126,545	14.5	28.7	20.6
1891	6,126,444	45,449	90,898	181,917	123,786	14.8	29.6	21.0
1892	6,195,355	47,209	94,418	177,485	133,693	15.4	28.9	21.8
1893	6,232,272	47,065	94,130	183,062	125,530	15.2	29.5	20.3

* Census year. † Cholera prevailed in 1866, and small-pox in 1871.

TABLE 54.—FRANCE. Population, Marriages, Births, and Deaths, 1853-93.

(Supplied by the Director of the Statistical Bureau of France.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	36,108,206	280,609	561,218	936,967	795,607	15.5	25.9	22.0
1854	36,249,566	270,696	541,392	923,461	992,779	14.9	25.5	27.4
1855	36,180,248	283,335	566,670	902,336	937,942	15.7	24.9	25.9
1856*	36,139,364	284,401	568,802	952,116	837,082	15.7	26.3	23.2
1857	36,268,793	295,510	591,020	940,709	858,785	16.3	25.9	23.7
1858	36,350,717	307,056	614,112	969,343	874,186	16.9	26.7	24.0
1859	36,445,874	298,417	596,834	1,017,896	979,333	16.4	27.9	26.9
1860	36,484,437	288,936	577,872	956,875	781,635	15.8	26.2	21.4
1861*	37,386,313	305,203	610,406	1,005,078	866,597	16.3	26.9	23.2
1862	37,517,752	303,514	607,023	995,167	812,978	16.2	26.5	21.7
1863	37,699,941	301,376	602,752	1,012,794	846,917	16.0	26.9	22.5
1864	37,865,818	299,579	599,153	1,005,880	830,330	15.8	26.6	22.7
1865	38,011,368	299,242	598,484	1,005,753	921,887†	15.7	26.5	24.3†
1866*	38,067,064	303,634	607,268	1,006,258	884,573†	16.0	26.4	23.2†
1867	38,188,749	300,333	600,666	1,007,755	866,887	15.7	26.4	22.7
1868	38,329,617	301,225	602,450	984,140	922,038	15.7	25.7	24.1
1869	38,555,178	303,482	606,964	948,526	864,320	16.5	25.7	23.5
1870	38,985,212	223,705	447,410	943,515	1,046,909†	12.1	25.5	28.3†
1871	38,544,067	262,476	524,952	826,121	1,271,010†	14.4	22.6	34.8†
1872*	38,102,921	352,754	703,508	966,000	793,064	19.5	26.8	22.0
1873	38,281,335	321,238	642,476	946,354	844,588	17.7	26.1	23.3
1874	38,459,749	303,113	606,226	954,652	781,709	16.6	26.2	21.4
1875	38,638,163	300,427	600,854	950,975	845,062	16.4	26.0	23.1
1876*	38,905,788	291,366	582,732	966,682	834,074	15.8	26.2	22.6
1877	37,049,410	279,094	558,188	944,576	801,954	15.1	25.5	21.6
1878	37,146,585	279,892	559,784	937,211	839,036	15.1	25.2	22.6
1879	37,365,544	282,776	565,552	936,529	839,882	15.1	25.0	22.5
1880	37,518,793	279,046	558,092	920,177	858,237	14.9	24.5	22.8
1881*	37,672,048	282,079	564,158	937,057	828,328	15.0	24.9	22.0
1882	37,769,000	281,060	562,120	935,566	833,539	14.8	24.8	22.2
1883	37,866,000	284,519	569,038	937,944	841,141	15.0	24.8	22.2
1884	37,949,000	289,555	579,110	937,758	858,784	15.3	24.8	22.2
1885	38,128,000	283,170	566,340	924,558	834,897	14.9	24.2	21.9
1886*	38,218,903	283,208	566,416	912,838	860,222	14.8	25.9	22.5
1887	38,320,000	277,060	554,120	899,333	842,797	14.5	23.5	22.9
1888	38,590,000	276,843	553,696	882,639	837,867	14.4	23.1	21.8
1889	38,460,000	272,934	545,863	880,579	794,933	14.2	23.0	20.5
1890	38,430,000	269,332	538,664	838,059	876,505	14.0	21.8	22.6
1891*	38,343,000	285,458	570,916	866,377	876,882	15.0	22.6	22.6
1892	38,323,000	290,319	580,638	855,847	875,888	15.2	22.1	22.6
1893	—	—	—	—	—	—	—	—

NOTE.—The population in the four years 1862-65 and in the years 1867-69 is estimated by means of the average annual rate of increase observed between the two enumerations of 1861 and 1866. The deaths of Frenchmen abroad, civil or military, are registered in the books of the Commune in which they were last domiciled.

* Census year.

† Cholera prevailed in 1865-66, and war raged in 1870 and 1871.

TABLE 55.—SPAIN. Population, Marriages, Births, and Deaths, 1861-93.

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, beginning of each year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1861	15,673,481	130,731	261,462	624,096	417,764	16.7	39.8	26.7
1862	15,867,323	128,096	257,392	615,019	430,683	16.2	38.8	27.1
1863	16,043,725	124,176	248,352	606,300	461,661	15.5	37.8	28.8
1864	16,180,205	126,303	252,606	629,546	499,483	15.6	38.9	30.9
1865	16,302,170	128,917	257,834	622,050	538,580	15.8	38.2	33.0
1866	16,378,503	131,981	263,962	618,981	463,684	16.1	37.8	28.3
1867	16,526,516	118,409	236,818	624,212	487,151	14.3	37.8	29.5
1868	16,656,961	111,687	223,374	579,563	548,690	13.4	34.8	32.9
1869	16,682,453	137,120	274,240	602,287	550,560	16.4	36.1	33.0
1870	16,728,589	103,807	207,614	598,347	512,249	12.4	35.8	30.6
1871-7	—	—	—	—	—	—	—	—
1878	16,634,345	117,693	235,383	608,682	509,598	14.2	36.6	30.6
1879	16,733,429	110,724	221,448	609,222	512,093	13.2	33.4	30.6
1880	16,830,558	104,214	208,428	606,436	508,243	12.4	36.0	30.2
1881	16,928,751	107,841	215,682	638,238	512,701	12.7	37.7	30.3
1882	17,054,289	102,727	205,454	625,801	535,570	12.0	36.7	31.4
1883	17,144,219	107,983	215,936	617,023	567,633	12.6	36.0	33.1
1884	17,193,689	115,470	230,940	637,052	535,256	13.4	37.1	31.1
1885	—	110,235	220,470	628,985	656,697	—	—	—
1886	—	110,587	221,774	639,667	511,230	—	—	—
1887*	17,565,632	96,313	192,624	633,243	574,435	11.0	26.1	32.7
1888	—	98,918	197,836	641,404	531,354	—	—	—
1889	—	138,229	276,453	647,441	545,182	—	—	—
1890	—	141,839	283,678	615,549	577,512	—	—	—
1891	—	156,591	313,182	635,307	568,054	—	—	—
1892	—	151,962	303,924	647,308	556,295	—	—	—
1893	—	—	—	—	—	—	—	—

NOTE.—Statistics for the 7 years 1871-77 were not issued owing to the disturbed state of the country. The decline in registered marriages in 1870 is believed to be due to the introduction of civil registration, which occurred in that year.

* Census year.

TABLE 56.—ITALY. Population, Marriages, Births, and Deaths, 1863-93.

(Furnished by the Director of the Statistical Department of Italy.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION in each Year. (See Note.)	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1863	24,611,910	201,225	402,450	964,137	760,164	16.4	39.2	30.9
1864	24,780,977	198,759	397,518	938,795	737,136	16.0	37.9	29.8
1865	24,950,044	226,453	452,916	961,234	746,635	18.2	38.5	29.9
1866	25,119,111	142,024	284,048	980,200	733,190	11.3	39.0	29.2
1867	25,288,178	170,456	340,912	927,396	866,865	13.5	36.7	34.3
1868	25,457,246	182,743	365,486	900,416	777,224	14.4	35.4	30.5
1869	25,626,314	205,287	410,574	952,134	713,832	16.0	37.2	27.9
1870	25,795,382	188,986	377,972	951,495	773,169	14.7	36.9	30.0
1871*	25,964,450	192,839	385,678	960,020	773,798	14.9	37.0	30.0
1872	26,967,001	202,361	404,722	1,020,682	827,498	15.0	37.9	30.7
1873	27,132,848	214,906	429,812	985,188	813,973	15.8	36.3	30.0
1874	27,298,695	207,997	415,994	951,658	827,253	15.2	34.9	30.3
1875	27,464,542	230,486	460,972	1,035,377	843,131	16.8	37.7	30.7
1876	27,630,389	225,453	450,906	1,083,721	798,420	16.4	39.2	28.8
1877	27,796,236	214,072	429,944	1,029,087	787,817	15.5	37.0	28.3
1878	27,962,084	199,885	399,770	1,012,475	813,550	14.3	36.2	29.1
1879	28,127,932	213,096	426,192	1,064,153	836,682	15.2	37.8	29.8
1880	28,293,780	196,738	393,476	957,900	869,092	13.9	33.9	30.8
1881*	28,459,628	230,113	460,286	1,081,125	784,181	16.2	38.0	27.6
1882	28,643,381	224,041	448,082	1,061,094	787,326	15.6	37.0	27.5
1883	28,837,134	231,945	463,890	1,071,452	794,196	16.1	37.2	27.5
1884	29,025,887	239,513	479,026	1,130,741	780,361	16.5	39.0	26.9
1885	29,214,640	233,931	467,862	1,125,970	787,217	16.0	38.5	27.0
1886	29,403,393	233,310	466,620	1,086,960	844,603	15.9	37.0	28.7
1887	29,592,146	235,629	471,258	1,152,906	828,992	15.9	39.0	28.0
1888	29,780,900	236,883	473,766	1,119,563	820,431	15.9	37.6	27.6
1889	29,969,654	230,451	460,902	1,149,197	763,068	15.4	38.4	25.6
1890	30,158,408	221,972	448,944	1,083,103	793,911	14.7	35.9	26.4
1891	30,347,291	227,656	455,312	1,132,139	795,327	15.0	37.3	26.2
1892	30,536,348	228,372	457,144	1,110,673	802,779	15.0	36.3	26.3
1893	30,724,897	225,523	451,946	1,125,146	776,704	14.7	36.6	25.3

NOTE.—The numbers for Rome were first included with those for the Kingdom of Italy in 1872. The population figures given for census years show the numbers enumerated on 31st December in each of those years; whereas for the end of each of the other years the population is estimated on the assumption that the rate of increase which prevailed in the last inter-censal period has since been maintained.

* Census year.

TABLE 57.—ENGLAND. Changes in the Constitution of Registration Districts and Sub-districts during the Year 1893.

N.B.—(1.) The Name of the DISTRICT is in SMALL CAPITALS, that of the *Sub-district* in *Italics*.
 (2.) The Populations quoted are the revised Numbers enumerated at the Census of 1891.

No. of District.	NAME OF REGISTRATION DISTRICT.	Date of Change.	Nature of Change.
6	MARYLEBONE -	1893. 1 September	The sub-districts of <i>All Souls</i> and <i>Cavendish Square</i> were united under the name of <i>All Souls</i> (population 37,713).
13	HOLBORN -	1 June	The sub-districts of <i>St. Andrew Eastern</i> and <i>Saffron Hill</i> were united under the name of <i>St. Andrew Eastern</i> (population 15,343).
41	BROMLEY -	1 August	The sub-districts of <i>Bromley</i> and <i>Chislehurst</i> were re-arranged into three sub-districts, viz.:—1. <i>Bromley</i> sub-district, consisting of the parishes of Bromley, Hayes, Keston, and Downe (aggregate population 23,815); 2. <i>Beckenham</i> sub-district, consisting of the parishes of Beckenham and West Wickham (aggregate population 21,969); and 3. <i>Chislehurst</i> sub-district, consisting of the parishes of Cudham, Knockholt, Chelsfield, Farnborough, Orpington, St. Mary Cray, St. Paul's Cray, Chislehurst, Mottingham, Foots Cray, and North Cray (aggregate population 23,469).
88	PORTSEA ISLAND -	1 June	Part of the sub-district of <i>Landport</i> , viz.: the part of the parish of Portsea situated south of King's Road and Elm Grove including the south sides of those roads, and west of Victoria, Chester and Lennox Roads including the west sides of those roads in a straight line to the east end of Southsea Castle (population 10,657) was added to <i>Portsmouth Town</i> sub-district which was re-named <i>Portsmouth and Southsea</i> sub-district.
93 94	CHRISTCHURCH - RINGWOOD -	1 January	Part of the parish of Christchurch (population 91) in the sub-district of <i>Christchurch</i> was transferred to the parish of Ringwood in the sub-district of <i>Ringwood</i> .
166	OUNDE -	1 July	The sub-districts of <i>Oundle</i> and <i>Fotheringhay</i> were united under the name of <i>Oundle</i> (population 10,988).
225	NORWICH -	1 January	The sub-districts of <i>Mancroft</i> and <i>West Wymer</i> were united under the name of <i>West Wymer</i> (population 53,034).
266	SHERBORNE -	1 October	The sub-districts of <i>Sherborne</i> and <i>Bradford Abbas</i> were united under the name of <i>Sherborne</i> (population 8,517).
309	CHARD -	1 September	The parish of Knowle St. Giles (population 92) was transferred from the sub-district of <i>Combe St. Nicholas</i> to that of <i>Iminster</i> .
310	YEOVIL -	1 January	The parishes comprised within the Registration District of YEOVIL were re-arranged into four sub-districts, viz.:—1. <i>Coker</i> sub-district, consisting of the parishes of Haselbury Plucknett, North Perrott, Hardington Mandeville, Pendomer, Sutton Bingham, Closworth, Barwick, East Coker, West Coker, Odcombe, East Chinnoek, West Chinnoek, and Brimpton (aggregate population 5,416); 2. <i>South Petherton</i> sub-district, consisting of the parishes of Chiselborough, Norton-under-Hamdon, and South Petherton (aggregate population 3,050); 3. <i>Martock</i> sub-district, consisting of the parishes of Martock, Tintinhull, Stoke-under-Hamdon, Montacute, Thorne, and Lufton (aggregate population 5,988); and 4. <i>Yeovil</i> sub-district, consisting of the parishes of Chilthorne Domer, Ilchester, Sock Dennis, Northover, Yeovilton, Limington, Ashington, Chilton Cantelo, Pudymore Milton, West Camel, Preston Plucknett, Yeovil, and Mudford (aggregate population 13,448).

Table 57 (continued).—ENGLAND. Changes in the Constitution of Registration Districts and Sub-districts during the Year 1893.

No. of District.	NAME OF REGISTRATION DISTRICT.	Date of Change.	Nature of Change.
325	WESTBURY-ON-SEVERN	1893. 1 July	The parishes comprised within the two sub-districts of the Registration District of WESTBURY-ON-SEVERN were re-arranged and called 1. <i>Newnham</i> and 2. <i>East Dean</i> : the former consisting of the parishes of Blaisdon, Westbury-on-Severn, Minsterworth, Churcham, Bulley, Huntley, Longhope, Awre, Newnham, and Flaxley (aggregate population 7,243); and the latter consisting of the parishes of East Dean, Little Dean, Abinghall, and Mitcheldean (aggregate population 16,426).
329 330	STROUD - TETBURY -	1 October	The parish of Avening (population 894) was transferred from <i>Horsley</i> sub-district in the district of STROUD to <i>Tetbury</i> sub-district in the district of TETBURY.
364 448	LEEK - CONGLETON -	1 October	The parish of Biddulph (population 5290) was transferred to <i>Congleton</i> sub-district from <i>Norton</i> sub-district in the district of LEEK.
386	BIRMINGHAM -	1 January	The sub-districts of <i>St. Thomas</i> and <i>St. Martin</i> were united under the name of <i>St. Martin</i> (population 72,237).
424 425	CAISTOR - GLANFORD BRIGG -	1 January	Part of the parish of Bigby (population 138), in the sub-district of <i>Caistor</i> was transferred to the parish of Glanford Brigg in the sub-district of <i>Brigg</i> .
447	NORTHWICH -	1 February	The parishes of Shurlach, Birches, and Hulse (population 221) were transferred from the sub-district of <i>Northwich</i> to that of <i>Middlewich</i> ; the parish of Wallerscoat (population 10) was transferred from the sub-district of <i>Weaverham</i> to that of <i>Northwich</i> ; and the parish of Ooclestone (population 96) was transferred from the sub-district of <i>Middlewich</i> to that of <i>Over</i> .
448 364	CONGLETON - LEEK -	1 October	The parish of Biddulph (population 5,290) was transferred from the sub-district of <i>Congleton</i> to the sub-district of <i>Norton</i> in the district of LEEK.
453	LIVERPOOL -	1 September	The sub-districts of <i>Howard Street</i> and <i>Islington</i> were united under the name of <i>Islington</i> (population 34,807).
491	WHARFEDALE -	1 September	The townships of Denton, Ilkley, Middleton, and Nesfield-with-Langbar (population 6,240) were separated from the sub-district of <i>Otley</i> and constituted a new sub-district called <i>Ilkley</i> .
579	KENDAL -	1 April	The townships of Preston Patrick and Preston Richard from Kirkby Lonsdale sub-district and the township of Stainton from <i>Milnthorpe</i> sub-district (aggregate population 1,905) were transferred to <i>Grayrigg</i> sub-district; and the townships of Burton in Kendal, Farleton, Holme, and Dalton (aggregate population 1,729) were transferred from <i>Kirkby Lonsdale</i> sub-district to <i>Milnthorpe</i> sub-district.
601	CARDIGAN -	1 March	The parishes of Llangoedmore, Verwick, and Mount (aggregate population 1,206) were transferred from the sub-district of <i>Cardigan</i> to that of <i>Llandyggwydd</i> ; and the parishes of Manordivey, and Llanfihangel-Penbedw (aggregate population 1,011) were transferred from the sub-district of <i>Llandyggwydd</i> to that of <i>Cardigan</i> .
611	KNIGHTON -	1 January	That part of the parish of Llanfihangel Beguildy in <i>Llanbister</i> sub-district (population 549) was transferred to <i>Knighton</i> sub-district.

NOTE.—No change affecting the population of any Registration District or Sub-district was made during 1893 under the provisions of the Divided Parishes and Poor Law Amendment Acts, 1876 and 1879.