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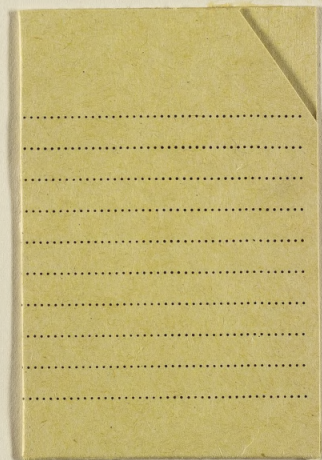
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SIXTY-SECOND  
ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

OF

BIRTHS, DEATHS, AND MARRIAGES

IN ENGLAND.

(1899.)

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

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*Red P. Pat*

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## REPORT

TO

THE RIGHT HONOURABLE WALTER H. LONG, M.P.

*President of the Local Government Board, &c., &c.*

---

(1899.)

SIR,

I HAVE the honour to submit to you the following Report on the estimated population, and on the marriages, births, and deaths registered in England and Wales during the year 1899.

### 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 1899 amounted to 3,014,014 ; and, if there had been neither emigration nor immigration, this would have raised the population to 32,016,539 at the latter date. In the absence of precise information regarding these disturbing causes, the populations in the annual Reports are provisionally estimated on the assumption that the rate of increase which had prevailed in the last completed intercensal period has since been maintained.

The census of London which was taken in March 1896, furnished the means of revising the estimates of the population of the metropolis for the years 1891-96. Accordingly the populations which are shown in Table 1, and are used in the calculation of the rates of marriage, birth, and death for this Report, are estimated on the assumption that the rates of increase which had occurred (1) in London between 1891 and 1896, and (2) in



the remainder of the country between 1881 and 1891, were maintained until the end of 1899. The population of England and Wales calculated in this way amounted, in the middle of the year 1899, to 31,742,588 persons, of whom 15,380,573 were males, and 16,362,015 were females.

## MARRIAGES.

The number of marriages registered during the year 1899 was 262,334, corresponding to a rate of 16·5 persons married per 1000 of the estimated population. This is the highest marriage rate which has been recorded since 1876, when the rate was also 16·5; and it is 1·1 above the mean rate in the ten years 1889-98. It is possible that, when the figures shall have been revised on the basis of the results of the coming Census, the recent increase in the marriage-rate may be found to have been only apparent; but this can only happen if the population has increased more rapidly since 1891 than in the intercensal period 1881-91. One of two things is certain—either there has been an increase in the rate of growth of the population, or there has been an increase in the marriage-rate. This increase of the marriage-rate (as calculated on the provisional estimates of population) has been general throughout the country. In five counties only, viz., Bedfordshire, Dorsetshire, Rutlandshire, Monmouthshire, and South Wales, the rate in 1899 was within 0·2 per 1000 more or less than the mean rate in the preceding ten years. All other counties showed an increase of at least 0·5 per 1000 in 1899, the increase exceeding 2·0 per 1000 in Kent, Hertfordshire, Worcestershire, Lincolnshire, and the North Riding of Yorkshire. Comparing one county with another in 1899, the lowest rates were 12·3 per 1000 in Rutlandshire, 13·2 in Middlesex, 13·6 in Oxfordshire, 13·7 in Westmorland, 13·8 in Bedfordshire and in Dorsetshire, and 13·9 in Sussex; while the highest were 17·5 in the West Riding of Yorkshire, 17·6 in Staffordshire and in Nottinghamshire, 17·9 in Northumberland, 18·4 in London, and 18·6 in Warwickshire.

The accompanying Table (Table A) shows the changes in the marriage-rate, and also the changes in the value of exports and imports, in the price of wheat, and in the amount cleared at the London Bankers' Clearing House, during a series of years.

*Certified Places of Worship.*—The number of buildings certified for religious worship in the course of 1899, and recorded in the official register under the provisions of the Acts 15 & 16 Vict. c. 36, and 18 & 19 Vict. c. 81, was 560; while 239 buildings were removed from the register on proof of disuse: the total number on the register at the end of the year 1899 was 23,936.

*Buildings registered for the Solemnization of Marriages.*—At the end of the year 1899 there were 15,309 churches or chapels of the Established Church in which marriages may legally be solemnized, showing an increase of 8 upon the number at the end of 1898. There were also 12,578 buildings registered for the solemnization

TABLE A.—MARRIAGE-RATE, VALUE OF BRITISH EXPORTS AND IMPORTS, PRICE OF WHEAT, and AMOUNT CLEARED at the LONDON BANKERS' CLEARING HOUSE 1860-99.\*

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.
1860	17·1-	£ s. d. 4 14 5	£ s. d. 7 6 4	£ s. d. 13 0 8	s. d. 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	49 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	235
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	230
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 10	31 0	214
1887	14·4+	6 1 3	9 17 11	17 11 8	32 6	218
1888	14·4+	6 7 2	10 10 3	18 12 2	31 10	247
1889	15·0+	6 13 11	11 10 1	19 19 10	29 9	268
1890	15·5+	7 0 7	11 4 6	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 3	11 2 5	18 15 6	30 3	220
1893	14·7-	5 13 7	10 10 7	17 14 10	26 4	218
1894	15·1+	5 11 5	10 10 7	17 11 10	22 10	211
1895	15·0-	5 15 8	10 13 1	17 19 3	23 1	250
1896	15·8+	6 1 8	11 3 11	18 14 1	26 2	247
1897	16·0+	5 17 7	11 6 6	18 14 3	30 2	241
1898	16·3+	5 16 2	11 14 2	19 0 6	34 0	258
1899	16·5+	6 10 5	11 19 2	20 1 8	25 8	288

\* 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, as well as those showing the amount cleared at the London Bankers' Clearing House, are derived from the Board of Trade Statistical Abstracts.



of marriages by rites other than those of the Established Church, showing an increase of 293 upon the number on the register at the end of the previous year. (Table 6.)

Special interest attaches at the present time to the operation of the Marriage Act of 1898, which came into force on 1st April, 1899.\* This Act provides that, under specified conditions, marriages may be solemnized in registered buildings without the attendance of a Registrar of Marriages. In order that a marriage may be so solemnized it is necessary (1) that marriage register books shall have been supplied from this Office for the building in which the ceremony is to take place; and (2) that a person who has been duly authorized for the purpose by the trustees or other governing body of the building, or of some other registered building in the same registration district, shall be present and shall record the marriage.

At the end of the year 1899 the governing bodies of 1,262 out of the 12,578 registered buildings had availed themselves of the new Act. The denominations to which these buildings belong are as follows:—

Wesleyan Methodists	...	...	...	...	611
Congregationalists	...	...	...	...	248
Baptists	...	...	...	...	132
United Methodist Free Churches	...	...	...	...	91
Primitive Methodists	...	...	...	...	62
Calvinistic Methodists	...	...	...	...	29
Methodist New Connexion	...	...	...	...	24
Other Denominations, and Unsectarian	...	...	...	...	65
					1,262

It may here be noted that, up to the end of the year 1899, the provisions of the Act had not been adopted in any registered building of the Roman Catholic Church. The 1,262 registered buildings which had been supplied with marriage register books before the end of 1899 were distributed among 377 registration districts. There remained 258 registration districts within which no registered building had been brought under the operation of the new Act.

*Forms of Marriage.*—Of the 262,334 marriages in England and Wales during 1899, 177,896, or 678 per 1000, were solemnized according to the rites of the Established Church, and 84,438, or 322 per 1000, were contracted otherwise. During the five years 1894–98 the corresponding proportions had been nearly constant, and had averaged 686 and 314 respectively. Compared with these averages the figures for 1899 show a transference of 8 per 1000 marriages from those which were solemnized according to the rights of the Established Church to those which were not so solemnized. The decrease

\* See pp. xlv–xlix.

on the one side affects marriages by licence, by banns, and by Superintendent Registrar's certificate; and the increase on the other side is divided among marriages in registered buildings, marriages of Jews, and civil marriages. In the five years 1894–98, the marriages solemnized in registered buildings belonging to Roman Catholics averaged 41 per 1000, and the marriages in registered buildings belonging to other Christian denominations averaged 120 per 1000 of the total marriages. In 1899 the proportion of Roman Catholic marriages was equal to the average, whilst the marriages in registered buildings belonging to other Christian denominations rose to 124 per 1000. Of these 124 marriages in every 1000, 113 were solemnized in the presence of district registrars, and 11 in the presence of "authorized persons" under the provisions of the Marriage Act of 1898, to which reference has already been made. The actual number of such marriages was 2,912, giving an average of 2.3 to every registered building for which an authorized person had been appointed, and to which register books had been supplied. Civil marriages in Superintendent Registrars' Offices increased from an average of 147 per 1000 in the years 1894–98 to a proportion of 150 per 1000 in 1899.

*First Marriages; Re-marriages.*—Of the 262,334 men who married during the year under notice, 238,088, or 908 per 1000, were bachelors, and 24,246, or 92 per 1000, were widowers. Of the 262,334 women who married, 244,639, or 933 per 1000, were spinsters, and 17,695, or 67 per 1000, were widows. (Table 9.) The proportions of re-marriages show a still further decline from the figures in earlier years, as is shown by the following table:—

	In 1000 Marriages.	
	Widowers.	Widows.
1871–75	138.2	100.2
1876–80	136.2	98.0
1881–85	126.0	89.2
1886–90	119.0	83.0
1891–95	112.8	79.2
1896	103	73
1897	98	69
1898	95	68
1899	92	67

The change is shown in a still more striking form if the number of re-marriages be compared with the number of first marriages.



Thus, in 1871-75, the bachelors who married were six times as many as the widowers who re-married; in 1899, they were ten times as many. In 1871-75, the spinsters who married were nine times as many as the widows who re-married; in 1899, they were fourteen times as many.

Of the persons who married in the course of the year 1899, 353 are described in the marriage register as having been previously divorced.\* The corresponding numbers in the three years 1896-98 had been 296, 311, and 376. Of the 353 divorced persons who re-married in 1899, 179 were men, of whom 141 married spinsters and 26 married widows; and 174 were women, of whom 127 married bachelors and 35 married widowers; in 12 cases divorced men married divorced women.

*Ages at Marriage.*—Among the persons who married in 1899, 50 per 1000 of the husbands and 165 per 1000 of the wives were minors. In the ten years 1841-50, which is the earliest period for which the statistics are available, the proportions of minors averaged 44 per 1000 bridegrooms and 138 per 1000 brides. After 1850 the proportions increased year by year, with very few exceptions, until 1874 when they reached 84 per 1000 bridegrooms and 227 per 1000 brides. Since then the figures have steadily declined, as is shown by the following table:—

	Minors in 1000 Marriages.	
	Husbands.	Wives.
1871-75 ... ..	81·6	223·2
1876-80 ... ..	77·8	217·0
1881-85 ... ..	73·0	215·0
1886-90 ... ..	63·2	200·2
1891-95 ... ..	56·2	182·6
1896 ... ..	53	174
1897 ... ..	51	170
1898 ... ..	51	168
1899 ... ..	50	165

In the registration counties of Berks, Hereford, Salop, Rutland, and North Wales, the proportions of husbands under age at marriage in 1899 were less than 30 per 1000; and in the counties of Oxford,

\* In Table 9, and in the Abstracts on pp. 64-74, divorced persons are included among bachelors and spinsters.

Hereford, Rutland, Westmorland, and North Wales the proportions of wives under age at marriage were less than 100 per 1000 marriages. In all these counties the corresponding proportions had also been low in recent previous years.

The highest proportions of husbands under age at marriage in 1899, were 70 per 1000 in Staffordshire, 72 in Bedfordshire, 73 in Leicestershire, and 75 in Nottinghamshire; and the highest proportions of wives under age were 205 per 1000 in Monmouthshire, 206 in Derbyshire, 215 in the East Riding of Yorkshire, 217 in Nottinghamshire, and 226 in Durham. In these counties the corresponding proportions had also been high in recent previous years.

Among the 524,668 persons who married in 1899, all but 3,529, or 1·35 per cent. of the husbands, and all but 3,795, or 1·45 per cent. of the wives, made definite statements of age in the marriage register. These proportions show a further step in the reduction of unstated ages which has been noted in recent reports. Of the 56,398 minors who married, all but 17, or 1 in 3,318, stated their ages. Among the adults, 98·58 per cent. of the husbands, and 98·27 per cent. of the wives made definite statements of age: the remaining 1·42 per cent. and 1·73 per cent. respectively being indefinitely described as "of full age."

As in previous years, unstated ages were much more frequent in re-marriages than in first marriages, and were most frequent in re-marriages of widowers. This is shown by the following figures:—

	Percentage of Ages not stated.	
	Adult Husbands.	Adult Wives.
In Marriages of—		
Bachelors with Spinsters ... ..	1·08	1·35
Bachelors with Widows ... ..	2·48	2·89
Widowers with Spinsters ... ..	3·85	4·14
Widowers with Widows ... ..	4·36	4·54
In all Marriages of—		
Bachelors ... ..	1·13	1·41
Widowers ... ..	4·04	4·30
Spinsters ... ..	1·26	1·55
Widows ... ..	3·46	3·75



If the bachelors who married in 1899 be divided into two groups, those who married spinsters and those who married widows, the mean of the recorded ages of each group shows an increase on the corresponding mean in the previous year. If the widowers who re-married be similarly divided into two groups, the means of the recorded ages show similar increase. The mean of all the recorded ages of bachelors was 26.65 years, and the mean of all the recorded ages of widowers was 44.90 years, against 26.62 and 44.70 years respectively in the previous year. In consequence, however, of the smaller proportion of re-marriages in 1899 than in 1898 the mean of the recorded ages of all the men who married or re-married showed no increase, being 28.34 years both in 1898 and 1899.

The mean ages of the several groups of spinsters who married and of widows who re-married were also greater in 1899 than in the previous year. The means of all the recorded ages were for spinsters 25.16 years, and for widows 40.83 years, against 25.14 years and 40.59 years respectively in 1898. The mean for all the women who married or re-married was 26.21 years in 1899, against 26.18 in 1898. The following Table shows the mean recorded ages of husbands and wives, arranged in several groups, in 1898 and in 1899. As in recent reports, figures are added which give some indication of the relation between the means of all the ages and the means of the recorded ages only.

TABLE B.—MEAN AGES at MARRIAGE in 1898 and 1899.

In Marriages of	Mean Age if the recorded Ages are a true sample.				Addition to Mean Age for every 10 per cent. by which the unrecorded Ages of Adults exceed the recorded Ages.				
	1898.		1899.		1898.		1899.		
	Hus-bands.	Wives.	Hus-bands.	Wives.	Hus-bands.	Wives.	Hus-bands.	Wives.	
Bachelors with Spinners ..	Years. 26'34	Years. 24'62	Years. 26'37	Years. 24'65	Years. '027	Years. '028	Years. '027	Years. '028	
Bachelors with Widows ..	33'94	35'85	34'29	36'12	'083	'101	'085	'104	
Widowers with Spinners ..	41'82	32'68	41'87	32'83	'180	'144	'161	'133	
Widowers with Widows ..	49'69	45'04	49'81	45'16	'235	'221	'217	'205	
In all Marriages of	Bachelors ..	26'62	25'02	26'65	25'06	'029	'030	'029	'031
	Widowers ..	44'70	37'21	44'90	37'52	'200	'172	'182	'160
	Spinsters ..	27'34	25'14	27'32	25'16	'037	'035	'035	'035
	Widows ..	42'06	40'59	42'39	40'83	'161	'163	'154	'157
In all Marriages ..	28'34	26'18	28'34	26'21	'045	'044	'043	'043	

In continuation of Tables in the last three Reports, the age-constitution of the persons who married in 1898 and in 1899 is shown on the following page (Table C.)

TABLE C.—AGE-CONSTITUTION of PERSONS who MARRIED in 1898 and 1899, reduced to 1000 at ALL AGES.

	Bachelors.		Widowers.		Spinsters.		Widows.		
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.	
All Ages .. .. .	1000	1000	1000	1000	1000	1000	1000	1000	
Minors .. .. .	57	55	0	0	180	176	1	1	
Of Full Age.	21— .. .. .	412	410	11	10	436	436	27	26
	25— .. .. .	346	350	73	69	253	256	116	112
	30— .. .. .	110	110	133	128	73	75	178	168
	35— .. .. .	38	39	152	160	26	26	187	190
	40— .. .. .	15	14	150	153	11	10	153	161
	45— .. .. .	6	6	139	137	5	5	125	129
	50— .. .. .	3	3	109	107	2	2	83	81
	55 and upwards ..	2	2	188	196	1	1	91	95
	Age not stated ..	11	11	45	40	13	13	39	37

Signature in Marriage Register.—The decrease in the proportions of persons of both sexes who sign the marriage register with marks, which has been noted in previous reports, was continued in 1899. The proportion of illiterate men fell to 29, and the proportion of illiterate women fell to 34, in 1000 marriages. In 9 per 1000 of the marriages both bride and bridegroom signed with marks; in 20 the bridegroom signed by mark and the bride wrote her name; and in 25 the bride signed by mark and the bridegroom wrote his name. The following figures show the progressive decline in the proportion of illiterates since 1871:—

Years.	Signed by Mark in 1000 Marriages.		
	Husbands.	Wives.	Both.
1871-75... .. .	185.4	251.8	104.2
1876-80... .. .	148.0	199.8	74.6
1881-85... .. .	123.4	154.8	54.4
1886-90... .. .	84.0	98.2	30.2
1891-95... .. .	51.2	59.6	16.6
1896 .. .. .	37	43	11
1897 .. .. .	33	40	10
1898 .. .. .	31	36	10
1899 .. .. .	29	34	9



The registration counties which in 1899 showed the highest proportions of illiteracy were: among men, Suffolk, Cornwall, Somersetshire, Shropshire, Monmouthshire, South Wales, and North Wales; and among women, Cornwall, Staffordshire, the West Riding of Yorkshire, Durham, Monmouthshire, South Wales, and North Wales. Speaking generally, the geographical distribution of illiteracy followed the same lines in 1899 as in recent previous years. Illiterates of both sexes were most common in the northern parts of the country and in Wales; in nearly all of the southern counties there were more male than female illiterates; but in London, in a few other southern counties, in most of the northern counties, and in Wales, illiterate females outnumbered illiterate males. The Metropolitan districts in which the greatest proportions of signatures by mark occurred were, as in the previous year, London City, Whitechapel, Mile End Old Town, Bethnal Green, and St. George-in-the-East. In the first three of these districts the persons who signed by mark were mainly foreign Jews; the proportions of signatures by mark in Mile End Old Town were 202 per 1000 husbands and 290 per 1000 wives. Among districts in other parts of the country which showed large proportions of illiterate brides and bridegrooms were Dudley, Birmingham, Liverpool, Wigan, Warrington, Manchester, Leeds, Dewsbury, Sheffield, Middlesbrough, Auckland, South Shields, Pontypridd, and Merthyr Tydfil. In all these and in many smaller districts the proportion of signatures by mark was equal to at least 100 per 1000 marriages; in Dudley and in Sheffield it was 160 per 1000, and in Liverpool 174 per 1000. Among smaller districts the proportions rose to 187 per 1000 in Bedwelty and 195 in Redruth.

## BIRTHS.

The births registered during the year 1899 numbered 928,646, and were equal to a rate of 29·3 per 1000 persons living. This is 0·1 per 1000 below the rate in the previous year, which had been the lowest hitherto on record; and it is 1·0 below the mean rate in the ten years 1889-98. It must, however, be borne in mind that the rates for recent years are based on purely provisional estimates of population, and that inferences drawn from them are subject to modification after revision of the estimates on the basis of the approaching Census. Among registration counties the lowest birth-rates during 1899 were 22·7 in Westmorland, 22·8 in Sussex, 22·9 in Rutlandshire, 23·6 in Oxfordshire, and 24·2 in Berkshire; the highest were 32·2 in Nottinghamshire, 33·2 in Warwickshire, 33·4 in Northumberland, 35·1 in Staffordshire, and 35·3 in Durham. (Table 11.)

*Sex.*—The births of males numbered 473,172, and the births of females 455,474. The births of males were therefore to those of females as 1039 is to 1000, the average proportion in the preceding ten years having been 1036 to 1000. In registration counties the

lowest proportions of male to female births during 1899 were 929 to 1000 in Huntingdonshire, 933 in Rutlandshire, 991 in Monmouthshire, 1005 in Northamptonshire, and 1009 in Shropshire. The highest proportions were 1064 to 1000 in Buckinghamshire, in Oxfordshire, and in Herefordshire, 1065 in Essex, and 1094 in Dorsetshire.

*Illegitimate Births.*—The infants registered in 1899 as born out of wedlock numbered 37,124; they were in the proportion of 40 per 1000 births, against 42 per 1000 in each of the four years immediately preceding. In proportion to population, the illegitimate birth-rate was rather less than 1·2 per 1000, the rate in the preceding year having been slightly above this figure. Among registration counties the lowest proportions of illegitimate to total births were 28 per 1000 in Essex, 29 in Monmouthshire, 30 in Warwickshire, and 31 in Middlesex and in South Wales. The highest proportions were 60 per 1000 in North Wales, 61 in Huntingdonshire and in Norfolk, 62 in Westmorland, 64 in Cumberland, 65 in Shropshire, and 66 in Herefordshire. With the exception of Huntingdonshire, these had also been the counties with the highest average proportions of illegitimate to total births in the ten years 1889-98. (Table 11.)

## DEATHS.

The deaths registered in England and Wales during the year 1899 numbered 581,799, and were in the proportion of 18·3 per 1000 of the population, against an average of 18·4 per 1000 in the ten years immediately preceding. (Table 3.)

Among registration counties the lowest death-rates were 12·9 per 1000 in Westmorland, 14·2 in Rutlandshire, 14·7 in Middlesex, and 14·9 in Cambridgeshire; the highest rates were 19·4 in London, in Durham, and in North Wales, 19·5 in Warwickshire, 19·6 in Staffordshire, 20·1 in Northumberland, and 21·1 in Lancashire. (Table 11.) The fact previously noted that the estimates of population are only provisional should be borne in mind here also.

*Sex.*—The 581,799 registered deaths in England and Wales included 299,472 of males and 282,327 of females. Among males the death-rate was equal to 19·5, and among females to 17·3, per 1000 living of each sex respectively. Both these rates are approximately equal to the respective averages in the ten years 1889-98. Out of equal numbers living there were 1128 deaths of males to 1000 deaths of females, against an average proportion of 1124 to 1000 in the ten years 1889-98. (Table 3.)



*Ages at Death.*—At all age-groups above 5 years the death-rates of both sexes were higher in 1899 than they had been in the previous year. Among females at ages between 10 and 35 years the increase was small—in two of these age-groups it does not even affect the last figure of the published rates; the increase was specially noticeable in the death-rates of both males and females above middle age, and was generally greater among males than among females. Among children under 5 years of age the rates were somewhat below those of 1898, but were slightly above the mean rates in the three years 1896–98. Comparison with the corresponding figures for a long series of years shows that the mortality has decreased among males under 45 years, and among females under 55 years of age, but has increased at other ages up to 85 years. Among persons over 85 years of age there has been an apparent decrease of mortality, but the accuracy of the *data* at these ages is doubtful. (Tables 13–14).

Taking together the figures relating to males and females, and using the average rates in the whole country as a standard, the following is a general summary of the results for the several registration counties. The rates in London exceeded the average at all age-groups but 15–20 and 20–25; in Staffordshire at all age-groups but those between 5 and 20 years; and in Warwickshire at all age-groups but those between 5 and 20 years and the group 55–65. With these exceptions, the mortality was below the average at nearly all age-groups in the counties of the second, third, fourth, fifth, sixth, and seventh Registration Divisions. Among the more northerly counties, Lancashire, Durham, and Northumberland showed excessive mortality at nearly all age-groups. In Cheshire, Cumberland, and Westmorland the rates were generally below the average. In the West Riding of Yorkshire the rates exceeded the average at all age-groups below 20 and above 45 years; in the East Riding they exceeded the average at ages under 5 years, and also at ages between 10 and 45 years; and in the North Riding they exceeded the average at ages between 15 and 45 years, but fell below it among children under 15 and among persons over 45 years. In Monmouthshire the mortality was excessive among children under 10 years, and slightly so at three other age-groups; in South Wales the rates were unfavourable at all age-groups under 35 years, but favourable at all other groups; and in North Wales the rates were above the average at ages between 10 and 35 years, but generally below the average at other age-groups. (Table 16.)

*Infantile Mortality.*—In the year 1899 the proportion of deaths of infants under one year of age to registered births was 163 per 1000, which is 12 per 1000 higher than the average proportion in the preceding ten years. In registration counties, infantile mortality per 1000 births ranged from 106 in Rutlandshire, 108 in Herefordshire, 109 in Westmorland, 114 in Wiltshire, 116 in Huntingdonshire, and 117 in Oxfordshire,

to 177 in Staffordshire, 178 in Durham, 181 in Northumberland, 182 in Nottinghamshire, 186 in South Wales, and 191 in Lancashire. (Table 11.)

The mortality of male infants was 176·6, while that of female infants was 148·0 per 1000 births of each sex respectively. In equal numbers born the deaths of males to the deaths of females in the first year of life were in the proportion of 119 to 100, the proportion in the years 1881 to 1898 having ranged between 120 to 100 and 123 to 100.

*Urban and Rural Mortality.*—At page cxv will be found two tables showing the variations in the death-rates during a series of years in the groups of districts which are taken to represent severally the urban and the rural portions of England and Wales. In the year 1899 the urban death-rate was equal to 19·2 per 1000, and the rural rate to 16·3 per 1000 of the respective populations. The urban rate was equal to the average of the ten preceding years, and the rural rate was lower than the average by 0·5 per 1000. In the year 1899 the ratio of urban to rural mortality was as 118 is to 100, against an average ratio of 114 to 100 in the ten years immediately preceding. (Tables 29, 30.)

#### CAUSES OF DEATH.

In the year 1881 a new system of classification of causes of death, based on the second edition of the nomenclature of diseases issued by the Royal College of Physicians of London, was adopted in these Annual Reports. This change involved many important modifications; and in arranging the details of Tables 17 to 22 of the present Report the figures published in the Report for the year 1880 have been corrected, and made for the most part comparable with the figures for subsequent years. With regard to the year 1880, however, there still remain a few instances in which no satisfactory adjustment is practicable. In order to explain, as clearly as possible, the discrepancies between the old tables and the new, the following expedient has been adopted. Every heading in Tables 17–22 affected by a change of classification is marked with either an asterisk or a dagger, or with both. An asterisk denotes a change or changes in respect of which full correction has been carried out; a dagger denotes a change or changes in respect of which no correction, or only partial correction, has been practicable. All the headings thus affected appear in alphabetical order in a numbered list of diseases printed in the Fifty-seventh Annual Report (pp. lxxiv–ix.). Changes of classification are indicated in that list by means of reference numbers.

The deaths registered in 1899 and in each of the ten years immediately preceding, when distributed to the several “classes”



by their assigned causes, were equivalent to the rates shown in the following table :—

TABLE D.—ANNUAL RATES OF MORTALITY FROM THE SEVERAL CLASSES OF DISEASES, PER 1,000,000 PERSONS LIVING.

YEAR.	All Causes.	Zymotic Diseases.	Parasitic Diseases.	Dietetic Diseases.	Constitutional Diseases.	Developmental Diseases.	Local Diseases.	Violence.	Undefined and not specified Causes.
1889 .. ..	18,221	2,455	25	67	3,224	1,550	9,392	614	894
1890 .. ..	19,547	2,539	24	81	3,374	1,611	10,367	653	898
1891 .. ..	20,216	2,706	23	83	3,339	1,690	10,807	670	898
1892 .. ..	18,982	2,785	21	79	3,168	1,624	9,801	651	853
1893 .. ..	19,170	3,165	20	88	3,210	1,593	9,536	675	883
1894 .. ..	16,594	2,256	15	71	3,017	1,462	8,423	639	711
1895 .. ..	18,727	2,822	17	79	3,169	1,678	9,433	680	849
1896 .. ..	17,101	2,549	14	83	3,001	1,536	8,536	643	739
1897 .. ..	17,436	2,591	12	90	3,067	1,613	8,651	664	748
1898 .. ..	17,586	2,761	12	92	3,066	1,620	8,652	646	737
Mean 1889-98	18,358	2,663	18	81	3,164	1,598	9,360	654	820
1899 .. ..	18,329	2,811	13	103	3,100	1,701	9,188	688	725
Number of Deaths in 1899.	581,799	89,235	389	3,280	98,421	53,963	291,581	21,815	23,115

**Zymotic or Specific Febrile Diseases.**—The registered deaths in the year 1899 ascribed to this class of disease numbered 89,235, and were equal to 15·3 per cent. of the mortality from all causes. These deaths corresponded to a rate of 2,811 per million persons living, which is higher by 148 per million than the average rate in the ten years immediately preceding. As had also been the case in the two previous years the excess in zymotic mortality in 1899, compared with the average, was mainly due to the fatality of both influenza and diarrhoea, especially of the latter disease. (Tables 17-22.)

**Small-pox.**—In the year 1899 the deaths of 174 persons were returned as due to small-pox, being equal to a rate of 5 per million persons living. Of the total deaths from small-pox 143 occurred in the East Riding of Yorkshire, 13 in the West Riding, and 7 in Lincolnshire. As many as 141 of the 143 deaths in the East Riding belonged to the borough of Hull. Of the 13 deaths in the West Riding 8 occurred in the district of Doncaster. Of the 7 deaths in Lincolnshire 4 occurred in the district of Grimsby and 3 in that of Gainsborough. Only 4 of the 174 persons who died from small-pox were returned as vaccinated; 5 were returned as unvaccinated; and in 165 cases (including all those which occurred in Yorkshire) no

statement as to vaccination was contained in the certificate. In addition to the deaths definitely referred to small-pox 124 were referred to chicken-pox, and it is very possible that some of the latter may have been mistaken cases of small-pox. There were moreover 34 deaths that were attributed to the effects of vaccination. It thus appears that in the year 1899 the total number of deaths either certainly or possibly caused by variola, and of deaths alleged to have been caused by measures undertaken for the prevention of that disease, was 332, or 10 per million of the population.

The 34 deaths here recorded as due to "Effects of Vaccination" include not only the deaths that were directly referred to vaccination, but also those that were stated by medical attendants, or were found on enquiry, to have been caused by the entrance of any noxious material whatever at the site of vaccination. The mortality from the effects of vaccination, as thus defined, in proportion to the number of children vaccinated cannot yet be given for the year under present notice; but it appears from the Twenty-ninth Annual Report of the Local Government Board that the operation of vaccination was performed on 578,639 of the children whose births were registered in the year 1897, which is the latest for which such particulars are accessible. The number of deaths in 1897 classified under the heading "Effects of Vaccination" was 36, or one to every 16,073 vaccinated.

**Measles.**—In the year 1899 there were registered 9,998 deaths from measles, corresponding to a rate of 315 per million living at all ages. This is the lowest rate recorded since the year 1881; it is below the decennial average rate by 125 per million. Of the deaths from measles at all ages not fewer than 9,321, or 93 per cent., were those of children under five years old. These deaths were equal to a rate of 2,397 per million children living at that age. Among boys the mortality from measles was as usual higher than among girls, the rates being 2,466 and 2,328 per million respectively. The incidence of measles mortality among children differs from that of most other miasmatic diseases in this respect, that it is heaviest in the second year of life. This peculiarity has been noticed in a previous report.\*

In the year 1899 the highest county rates per million at all ages from measles were 422 in Derbyshire, 423 in Cheshire, 469 in London, 495 in the North Riding of Yorkshire, 611 in Lancashire, and 674 in Nottinghamshire. No death from measles was registered in Rutlandshire during the year; in other counties the lowest rates were 13 in Cornwall, 18 in Herefordshire, 21 in Huntingdonshire, 30 in Westmorland, and 44 in South Wales. Of the 381 deaths registered during the year 1899 in the county of Nottingham, 350 occurred in a continuous area represented by the three registration districts of Mansfield, Nottingham, and Basford.

\* Decennial supplement to the Registrar-General's 55th Report, Part I, page xxiv.



*Scarlet Fever.*—In the year 1899 the deaths from scarlet fever numbered 3,722, and were in the proportion of 117 per million of the population at all ages. With the exception of that for the immediately preceding year, this rate is the lowest on record, and is below the decennial average rate by not less than 66 per million. Of the total deaths from scarlet fever, 2,317, or 62 per cent., were those of children under five years old. The mortality at this age was therefore equal to 596 per million children living, as compared with an average rate of 948 per million in the ten years immediately preceding. As is the case with measles also, scarlet fever is more fatal to boys than to girls at this age, although the disparity is not so great. The counties with the lowest rates of scarlet fever mortality in 1899 were as follows:—Somersetshire 17 per million, Hertfordshire and Devonshire 18, Oxfordshire and Huntingdonshire 21, and Bedfordshire 23. The last five of these had been among the seven counties with the lowest scarlet fever rates in the year 1898 also. The counties with the highest rates of mortality from scarlet fever were the following:—Nottinghamshire 195, the West Riding of Yorkshire 199, Derbyshire and Lancashire 203, Durham 216, and Staffordshire 217.

During the year under notice the deaths of 398 London residents from scarlet fever were registered, either in London or in the Metropolitan Hospitals outside London. Of these deaths 329, or 83 per cent., occurred in public institutions, as against 68, 76, and 85 per cent. respectively in the three years immediately preceding.

*Enteric (Typhoid) Fever.*—During the year under notice the deaths from enteric fever of 6,304 persons, namely, 3,561 males and 2,743 females, were registered in England and Wales. The death-rate from this disease, which had risen from 156 per million in the year 1897 to 182 per million in the year 1898, further rose to 199 per million in the year 1899. Only once since 1884 has so high a rate been recorded; and the average rate in the fourteen years 1885–98 was 175 per million.

Table E. (p. xxi) gives the average annual rates of mortality per million living at successive groups of ages in the ten years 1889–98, and also the rates in 1899.

The table shows that not only in the year under present notice, but also in previous years, enteric fever has been much more fatal generally to males than to females. In the ten years ending with 1898, the only age groups at which the mortality of females from enteric fever exceeded that of males were the groups between five years and 15; at all other ages males suffered more severely than females. Substantially the same statement applies to the year 1899. The last two columns in the table show the ages at which the increase of mortality in the year 1899 has been greatest. Among males the mortality from enteric fever at all ages exceeded the decennial average by 20 per cent., and at ages from 20 years to 55 it was in excess by proportions ranging from 21 to 39 per cent. Among females the mortality at all ages was in excess by 10 per cent., and at the successive ages ranging from 20 years to 65 the excess varied from 18 to 38 per cent.

TABLE E.—ENGLAND AND WALES. ENTERIC FEVER. MEAN ANNUAL MORTALITY per MILLION LIVING of each SEX, at successive GROUPS of AGES, in 1889–98 and in 1899.

Ages.	Males.		Females.		Difference per cent. in 1899.	
	1889–98.	1899.	1889–98.	1899.	Males.	Females.
All Ages.	194	232	153	168	+ 19·6	+ 9·8
0–5	90	81	85	65	– 10·0	– 23·5
5–10	124	107	137	132	– 13·7	– 3·6
10–15	151	157	179	156	+ 4·0	– 12·8
15–20	274	291	238	232	+ 6·2	– 2·5
20–25	334	457	208	247	+ 36·8	+ 18·7
25–35	280	390	185	244	+ 39·3	+ 31·9
35–45	220	292	155	192	+ 32·7	+ 23·9
45–55	170	205	115	159	+ 20·6	+ 38·3
55–65	144	140	91	107	– 2·8	+ 17·6
65–75	93	86	58	49	– 7·5	– 15·5
75 and upwards.	41	23	29	29	– 43·9	–

The eight registration counties which suffered the highest death-rates from enteric fever in 1899 were:—South Wales, where the rate was 248 per million, Warwickshire 254, Monmouthshire 256, the West Riding of Yorkshire 257, Lancashire 262, Durham 290, Staffordshire 293, and Nottinghamshire 347. Four of these counties, namely, the West Riding, Lancashire, Durham, and Nottinghamshire had also been among the eight counties with the highest rates both in 1897 and in 1898.

In the West Riding of Yorkshire the area which had been indicated in former reports as one of exceptional mortality from enteric fever, was further extended in 1899; speaking approximately, it may be described as consisting of the southern half of the Riding. It probably contains more than three-fourths of the population; but so large a proportion of the enteric fever mortality occurred within it that, according to a rough calculation, it suffered about twice as severely from the disease as did the other portion of the West Riding. Out of the 196 deaths from enteric fever in Nottinghamshire, as many as 190 occurred in the four adjoining registration districts of Worksop, Mansfield, Basford, and Nottingham. Similar prevalence had been shown in this area in



more fatal during the earlier years of life than at subsequent ages.

DIPHTHERIA AND CROUP.—RATES PER MILLION.

	1896-98.		1899.	
	Under 10 years.	Over 10 years.	Under 10 years.	Over 10 years.
Persons ... ..	1,146	32	1,252	32
Males ... ..	1,146	31	1,230	30
Females ... ..	1,145	32	1,273	35

This table indicates that the increase of mortality in 1899, as compared with the previous three years, may be accounted for exclusively by excess in the deaths under ten years of age.

The local incidence of diphtheria and croup is shown in Table G., which gives, in addition to the separate rates of mortality from diphtheria and croup, the combined rate from the two affections, in each registration county of England and Wales.

Compared with the average mortality in extra-metropolitan England,\* there were thirteen counties which showed excessive mortality in the year under notice. Arranged in decreasing order of fatality, the following counties suffered most severely:—South Wales, where the mortality was equal to 837 per million living; Leicestershire, 703 per million; and Monmouthshire, 658 per million. Among the thirteen counties with rates in 1899 above the average, there are at least four, namely, South Wales, Essex, London, and Kent, which had also suffered exceptionally in recent previous years. The mortality, however, of the last two of these counties was lower in 1899 than the mean for those counties in the previous three years. The heavy mortality recorded in Leicestershire and in Monmouthshire for 1899 appears to be exceptional; at any rate, these counties have not suffered from diphtheria and croup in any remarkable degree in any of the periods dealt with in Table F. of the Sixty-first Annual Report.

Out of a total of 1,217 deaths from diphtheria and croup registered in Monmouthshire and South Wales, not fewer than 1,015 occurred in the area covered by the following contiguous districts:—Bedwellty, Pontypool, Newport, Cardiff, Pontypridd, Merthyr Tydfil, Neath, and Swansea. This area includes the two areas referred to in the report for 1898, with the exception of the

\* *i.e.*, England and Wales, excluding London.

district of Gower; it includes also the district of Neath in Glamorganshire, and the districts of Bedwellty, Pontypool, and Newport in Monmouthshire.

TABLE G.—DIPHTHERIA and CROUP. MORTALITY per MILLION LIVING.

Registration Counties.	1899.		Diphtheria and Croup.	
	Diphtheria.	Croup.	1899.	1896-98.
South Wales ... ..	778	59	837	528
Leicestershire ... ..	649	54	703	331
Monmouthshire ... ..	623	35	658	309
Essex ... ..	455	12	467	432
West Riding of Yorkshire ... ..	428	34	462	217
London ... ..	432	17	449	522
Kent ... ..	415	33	448	502
Bedfordshire ... ..	382	23	405	306
Hampshire... ..	337	30	373	209
Norfolk ... ..	343	15	358	208
Sussex ... ..	330	15	345	251
Staffordshire ... ..	290	50	340	372
Rutlandshire ... ..	188	141	329	185
England & Wales (less London)	270	34	304	261
Buckinghamshire ... ..	269	29	298	259
Middlesex ... ..	261	20	281	368
Lancashire... ..	221	55	276	217
Worcestershire ... ..	252	11	263	312
Shropshire... ..	221	33	254	298
Warwickshire ... ..	227	21	248	324
Northumberland ... ..	177	35	212	192
Huntingdonshire ... ..	188	21	209	145
Hertfordshire ... ..	147	62	209	183
Surrey ... ..	195	12	207	245
North Riding of Yorkshire ... ..	151	51	202	216
Herefordshire ... ..	137	64	201	266
Dorsetshire ... ..	131	52	183	223
Cheshire ... ..	148	31	179	297
Cambridgeshire ... ..	170	—	170	216
North Wales ... ..	130	39	169	395
Northamptonshire ... ..	137	30	167	141
Suffolk ... ..	150	6	156	232
East Riding of Yorkshire ... ..	139	16	155	196
Lincolnshire ... ..	134	19	153	199
Berkshire ... ..	130	18	148	163
Gloucestershire ... ..	127	14	141	247
Derbyshire... ..	102	34	136	154
Nottinghamshire ... ..	115	19	134	141
Somersetshire ... ..	106	28	134	157
Wiltshire ... ..	92	39	131	147
Cumberland ... ..	86	36	122	171
Devonshire ... ..	88	32	120	166
Westmorland ... ..	104	15	119	159
Durham ... ..	83	31	114	137
Cornwall ... ..	84	26	110	162
Oxfordshire ... ..	93	5	98	195



Of the 300 deaths in all that were referred to diphtheria and croup in Leicestershire, 238 occurred in the registration district or County Borough of Leicester.\* The mortality from diphtheria and croup during 1899 in that borough was therefore equal to a rate of 1,113 per million of the population.

The four Kentish registration districts specially mentioned in the last annual report as areas of high diphtheritic mortality showed a decrease during 1899 in such mortality. This is especially noticeable in the districts of Strood and Tunbridge; but in the districts of Dartford and Medway the rate, although lower than in the previous year, still showed excess in the year under present notice. The last named two districts together with the four districts of Milton, Faversham, Maidstone, and Cranbrook, form three separate areas, probably containing about one-third of the population of the county. Nearly two-thirds of the deaths from diphtheria and croup in 1899, however, occurred within these areas. If the districts of Bromley, Sevenoaks, Malling, and Sheppey be added a continuous area of irregular shape is formed which contains about half the population of the county, and in which nearly 80 per cent. of the deaths from diphtheria and croup occurred. The rate of mortality in this area was therefore more than three times as high as that in the remainder of Kent.

The counties suffering least severely from diphtheria and croup were Devonshire, where the mortality was 120 per million; Westmorland, 119; Durham, 114; Cornwall, 110; and Oxfordshire, 98 per million. In the preceding three years, all these counties had likewise shown rates below that for extra-metropolitan England and Wales.

*Whooping-cough.*—The deaths from whooping-cough in the year 1899 numbered 10,129, and were in the proportion of 319 per million of the population at all ages. This rate, which is below the decennial average by 83 per million, is the lowest hitherto recorded, with the exception of the rate for the year 1895, which was 316 per million. Of the deaths from whooping-cough at all ages, not fewer than 9,862, namely, 4,515 of males and 5,347 of females, were below the age of five years. Among male children the mortality was equal to a rate of 2,334 per million living, and among female children to a rate of 2,736 per million. These rates were below the decennial averages respectively by 18.4 and by 20.9 per cent. Unlike measles, whooping-cough is much more fatal to infants in the first year of life than in the second.

In the year 1899 the highest county death-rates from whooping-cough were 389 per million in the East Riding of Yorkshire, 391 in Cumberland, 400 in Devonshire, 405 in Bedfordshire, 439 in Northumberland, and 511 in Norfolk. In Rutlandshire not a single

\* This is one out of only 5 instances among the 33 great towns in which the Registration District corresponds as to area with the Urban District of the same name.

death was attributed to this disease in the course of the year; among other counties the lowest rates were 137 in Herefordshire, 136 in North Wales, 104 in Westmorland, and 94 in Dorsetshire.

*Influenza.*—12,417 deaths were referred to influenza in the year 1899. These deaths were equal to a rate of 391 per million living, which almost exactly corresponds with the average rate of the preceding nine years. Influenza appears to have been about equally fatal in the Metropolis and in the provinces, the rates having been 396 per million in London and 390 in the remainder of England and Wales. Among males influenza was responsible for a death-rate of 396 per million, and among females for a death-rate of 387 per million. The counties with the highest death-rates from influenza were North Wales, where the rate was equal to 629 per million; Huntingdonshire, 649; Somersetshire, 679; Sussex, 695; Shropshire, 707; and Herefordshire, 852. The last-named county had experienced the highest fatality from this disease in the immediately preceding year also, when the rate was equal to 1,167 per million of the population.

*Diarrhœal Diseases.*—In the year 1899 the deaths at all ages referred to diarrhœal diseases numbered 30,971, and were in the proportion of 975 per million of the aggregate population. This is the highest rate that has been recorded since 1893, in which year the rate was 999 per million.

In addition to the 30,971 deaths directly referred to diarrhœa, dysentery, and English cholera, not fewer than 19,253 deaths were attributed to enteritis, of which number 13,696 were certified as from gastro-enteritis. Ætiologically, all the infantile deaths referred to gastro-enteritis, and a large share of those referred to enteritis should undoubtedly be considered as cases of "Epidemic Diarrhœa," and the fact that the age incidence of these diseases, and especially that of gastro-enteritis, closely corresponds with that of "diarrhœa" strongly supports this view. In this connection the following figures are of interest. They show the rates of mortality in 1899 among children under five years, and among persons over five, per million persons living at these ages respectively.

RATES PER MILLION.

Deaths returned as from	Under 5 years.	Over 5 years
Diarrhœa, Dysentery, and Cholera	7,185	109
Enteritis	1,908	73
Gastro-Enteritis	3,192	46

In certifying deaths of this nature, the habit of discarding the commonplace term "diarrhœa" in favour of less familiar synonyms has grown more and more general during the last twenty years.



So long as the substitution was limited to such expressions as "intestinal catarrh," there was no difficulty in dealing with deaths thus certified; but within the last few years the use of other unauthorized synonyms has become fashionable among medical men. The terms gastro-enteritis and gastric catarrh, for example, are now used very commonly in place of diarrhœa, and inasmuch as deaths so certified are classed among affections of the digestive system, they do not appear at all in the zymotic group. Consequently the statistics with reference to a large and fatal group of epidemic diseases, which are of exceptional importance to medical officers of health, are in danger of becoming vitiated to such a degree as to be worthless\* for preventive purposes.

In view of the foregoing consideration, the recent decision of the Royal College of Physicians of London on this subject may be regarded as particularly opportune.

The Royal College of Physicians, in response to an earnest appeal for its authoritative guidance concerning the certificates of death from diarrhœa, has now expressed an opinion which, if loyally adopted by medical men throughout the country, in granting certificates of death, will greatly improve the national records of mortality from this disease.

The Royal College of Physicians is convinced, after careful enquiry: (a) that various unauthorized and misleading terms, such as "gastro-enteritis," "muco-enteritis," "gastric catarrh," &c., are now commonly employed to designate the disease officially known as "epidemic diarrhœa,"† whereby its specific character is in danger of being ignored, and great confusion ensues; (b) that the present confusion of terms renders it impossible to determine accurately either the prevalence of the disease in special places and at special times, the extent to which it influences the public health, or the effects produced by sanitary measures; (c) that there is a widespread objection, on the part of medical practitioners, to the employment of the term "diarrhœa" in certifying the cause of death, probably because that term is generally held by the public to imply a mild disease, insufficient by itself to cause death.

The College, therefore, has sought to discover as an alternative for the authorized term (epidemic diarrhœa) some other name, which, whilst equally accurate, should convey to the public the idea of a more serious affection. But the College regards it as essential that the idea of specificity, intended to be conveyed by the term "epidemic," should be retained.

As the result of much deliberation, the College has agreed to authorize the use of the term "epidemic enteritis" (or if preferred by the practitioner, "zymotic enteritis"), as a synonym for epidemic diarrhœa. The College has further decided to urge

\* In certain parts of England and Wales the deaths of infants attributed to enteritis and gastro-enteritis are in the aggregate more numerous than those attributed to diarrhœa.

† Nomenclature of Diseases by the Royal College of Physicians of London, page 9, ed. 1896.

upon practitioners the entire disuse, in medical certificates of death, of such terms as "gastro-enteritis," "muco-enteritis," or "gastric catarrh," as synonyms of epidemic diarrhœa.\*

In the year 1899 diarrhœal diseases showed, as usual, the greatest fatality in counties which contain high proportions of urban population. Thus the rates amounted to 1,235 per million in Nottinghamshire, 1,277 per million in Staffordshire, 1,364 in Warwickshire, and 1,408 in Lancashire. The county rates of mortality did not exceed 163 per million in Westmorland, 238 in Herefordshire, 326 in Shropshire and in Cumberland, 328 in Rutlandshire, and 394 in Oxfordshire.

*Hydrophobia*.—The year 1899 is the first year on record in the course of which not a single death from hydrophobia is reported to have occurred. The numbers of deaths in the preceding five years were 13, 20, 8, 6, and 2, the average number in the ten years 1889-98 having been 10.

*Puerperal fever* was returned as the cause of death in 1,908 instances during the year, and other accidents of childbirth in 2,418. Taken together these deaths were in the proportion of 4.66 per 1,000 births. In the five years immediately preceding, the proportions per 1,000 had been 5.36, 4.57, 4.98, 4.61, and 4.41.

*Parasitic Diseases*.—The deaths referred to the diseases thus classified numbered 389, or 0.07 per cent. of the deaths from all causes. Of the total deaths from parasitic diseases, 275 were attributed to thrush, and the remainder to worms, hydatids, &c.

*Dietetic Diseases*.—The deaths attributed to dietetic diseases in the year 1899 were 3,280 in number, or 0.6 per cent. of the total deaths. The mortality from these diseases was equal to a rate of 103 per million persons living, without distinction of sex. This rate is higher than that of any other year on record; during the decennium 1889-98 the rate averaged 81 per million. Of the 3,280 deaths from dietetic diseases 2,871 were directly ascribed to intemperance,† *i.e.*, to "alcoholism" or "delirium tremens." The mortality from this cause alone was equal to a rate of 112 per million living among males, and to a rate of 70 per million among females; both these rates being the highest on record.

*Constitutional Diseases*.—The deaths referred to constitutional diseases in the aggregate during 1899 numbered 98,421. They were equal to 16.9 per cent. of the deaths from all causes, and to 3,100 per million of the population, without distinction of sex. The latter rate was slightly below the decennial average, *viz.*, 3,164 per million.

\* The above is summarized from the minutes of the Proceedings of the Royal College of Physicians of London, January 25 1900.

† Probably many other deaths were actually caused by intemperance, although they appear in the certificates as from "cirrhosis of the liver," neuritis, &c.



TABLE H.—DEATHS from CANCER in 1899, CLASSIFIED according to DESCRIPTION of DISEASE and PART of the BODY AFFECTED.

	MALES.				FEMALES.					
	Cancer, Carcinoma, Malignant Disease.	Scirrhus.	Epithelioma.	Sarcoma.	TOTAL.	Cancer, Carcinoma, Malignant Disease.	Scirrhus.	Epithelioma.	Sarcoma.	TOTAL.
Nervous System :										
Brain .. .. .	74	—	1	88	163+	63	—	—	79	142
Spinal Cord .. .	2	—	—	—	2+	—	—	—	—	—
Organs of Special Sense :										
Eye .. .. .	18	—	3	6	27+	10	—	—	13	23
Ear .. .. .	16	—	12	3	31+	4	—	3	2	9
Circulatory and Respiratory Systems :										
Larynx, Trachea ..	155+	1	29	2	187+	56	—	5	2	63
Lungs .. .. .	95+	—	—	44	139+	66	2	1	23	92
Pleura .. .. .	5	—	—	4	9+	5	—	—	1	6
Heart .. .. .	3	—	—	—	3+	2	—	—	—	2
Digestive System :										
Parotid .. .. .	21+	1	—	7	29+	6	1	—	4	11
Mouth .. .. .	66	—	48	—	114+	20	—	13	2	35
Tongue .. .. .	329+	—	230	—	559+	33	1	21	—	55
Pharynx, Throat ..	189+	—	34	10	233+	57	—	7	10	74
Esophagus .. .. .	615+	2	31	2	650+	182	1	10	—	193
Stomach .. .. .	2,049	53	3	9	2,114	2,063	46	4	7	2,120+
Intestine .. .. .	662	5	7	15	689	938	9	11	20	978+
Rectum .. .. .	887	12	42	7	948+	756	13	30	—	799
Liver, Gall Bladder ..	1,327	18	—	34	1,379	2,225	30	4	30	2,289+
Pancreas .. .. .	147	2	—	3	152+	126	3	—	—	129
Peritoneum .. .. .	88	1	—	21	110	247	—	2	25	274+
Lymphatic and other Glands :										
Neck .. .. .	175+	5	17	93	290+	77	2	5	41	125
Axilla .. .. .	7	2	4	5	18	30	1	4	4	39+
Groin .. .. .	14	—	—	4	18+	13	—	—	—	15
Lymphatic Glands ..	12	—	—	15	27+	9	1	—	11	21
Mediastinum .. .. .	57	—	—	39	96+	49	1	—	24	74
Mesentery .. .. .	28	—	—	6	34	46	—	—	7	53+
Spleen .. .. .	20	—	—	6	26	28	1	—	4	33+
Thyroid .. .. .	19	—	—	5	24	40	1	—	7	48+
Urinary System :										
Kidney .. .. .	75	—	—	34	109	80	—	—	29	109
Bladder, Urethra ..	269	—	19	7	295+	118	2	14	5	139
Prostate .. .. .	74	2	1	4	81+	—	—	—	—	—
Generative and Mammary Organs :										
Penis, Testis .. ..	86	—	58	34	178+	—	—	—	—	—
Ovary .. .. .	—	—	—	—	—	220	2	1	48	280+
Uterus .. .. .	—	—	—	—	—	3,308	29	154	55	3,546+
Breast .. .. .	11	4	2	1	18	1,980	442	19	64	2,505+
Locomotive System (Bones, Joints, Muscles, &c.) :										
Shoulder .. .. .	1	—	1	14	16	8	—	—	12	20+
Arm, Leg .. .. .	28	—	22	79	129	30	1	19	83	133+
Hip .. .. .	2	—	—	3	5	1	—	1	13	15+
Skull .. .. .	8	—	—	15	23+	6	—	—	9	15
Rib, Sternum .. ..	2	—	—	9	11+	2	1	—	6	9
Spinal column .. ..	12	—	1	8	21	12	1	2	11	26+
Jaw .. .. .	149+	1	53	71	274+	50	1	9	27	87
Integumentary System :										
Scalp .. .. .	6	—	2	3	11	7	—	5	6	18+
Face .. .. .	100+	—	56	6	162+	83	—	42	13	138
Nose .. .. .	12	—	3	4	19	12	—	4	5	21+
Lip .. .. .	49+	—	118	1	168+	10	—	7	—	17
Skin .. .. .	2	—	1	4	7+	—	1	—	2	3
Not classified :										
Buttock .. .. .	2	—	—	—	2	1	—	—	2	3+
Abdomen .. .. .	167	1	—	19	187	339	—	—	23	362+
Thorax .. .. .	12	—	—	9	21	17	1	—	3	21
Pelvis .. .. .	22	1	—	26	49	58	—	—	17	75+
Part not stated ..	307	3	66	104	480	612	28	32	72	744+
<b>TOTAL ..</b>	<b>8,476</b>	<b>114</b>	<b>864</b>	<b>883</b>	<b>10,337</b>	<b>14,114</b>	<b>622</b>	<b>429</b>	<b>823</b>	<b>15,988</b>

*Cancer.*—The deaths referred to cancer, or malignant disease, numbered 26,325,\* and were equal to a rate of 829 per million persons living at all ages and of both sexes. Among males the mortality from cancer was equal to a rate of 672 per million living of that sex, and among females to a rate of 977 per million. Both these rates are the highest on record. The male rate exceeded the decennial average by 106 per million, or 18.7 per cent., and the female rate by 103 per million, or 11.8 per cent. According to Table H., out of a total of 26,325 deaths from malignant disease, 736 were attributed in the certificates to scirrhus, 1,293 to epithelioma, and 1,706 to sarcoma; the remainder, amounting to 86 per cent. of the whole, being referred to “cancer” or “malignant disease” simply, without further discrimination as to kind. This table also furnishes the means of determining the relative frequency with which cancer attacks the several parts or organs of the body,

TABLE J.—CANCER, MEAN ANNUAL MORTALITY per MILLION LIVING of each SEX, at successive GROUPS of AGES, in 1889-98, and in 1899.

AGE GROUPS.	Males.		Females.		Ratio.*	
	1889-98.	1899.	1889-98.	1899.	Males.	Females.
ALL AGES	566	672	874	977	119	112
0—	31	31	27	25	100	93
5—	18	16	12	16	89	133
10—	17	20	12	18	118	150
15—	32	31	26	27	97	104
20—	49	59	37	43	120	116
25—	101	112	180	180	111	100
35—	379	450	917	940	119	103
45—	1,272	1,424	2,308	2,448	112	106
55—	3,026	3,689	4,028	4,501	122	112
65—	4,952	5,869	5,517	6,435	119	117
75 and upwards.	5,432	6,815	6,044	7,630	125	126

\* i.e., the ratio of mortality in 1899 to that in 1889-98, the latter taken as 100.

\* Of these deaths 760 were added to the total as a result of enquiries addressed to medical practitioners with regard to deaths from “tumour” or other imperfectly specified conditions.



both among males and among females. The part of the body affected by cancer was not stated as regards 4.6 per cent. of the deaths of males, nor as regards 4.7 per cent. of the deaths of females. The statistics of 1899 confirm those of previous years in showing that malignant disease is much more prevalent among women than among men; but, as in previous years, the excess is due to the unequal tendency of the disease to attack the female mammary and generative organs. As was shown to have been the case in 1897 and 1898, so has it been also in the year under present notice—when the deaths from cancerous affections of the ovaries, uterus, and breast are subtracted from the aggregate deaths of females from malignant disease, the remainder give a rate of mortality for females considerably below the male rate. In the year 1899 the male deaths from malignant disease, less the deaths from cancerous affections of the generative and mammary organs, corresponded to a rate of 659 per million males living, whilst the female rate, with the same limitations, did not exceed 590 per million.

Table J., on page xxxi, shows that the mortality from cancer is not very excessive until some period after the 25th year of age. As age advances, however, the mortality increases apace, until at ages above 75 years, males die of these affections at the rate of 6,815 per million, and women at the rate of 7,630 per million living at those ages.

*Tubercular Diseases.*—These diseases in the aggregate accounted for 60,659 deaths in the year under notice; they were equal to 10.4 per cent. of the deaths from all causes, and to 1,911 per million of the total population.

*Pulmonary Phthisis* was the assigned cause of 42,408 of the above-mentioned deaths, and was responsible for a mortality equal to 1,336 per million persons living at all ages and of both sexes. This rate is higher than that of 1898, but it is nevertheless lower than the average in the ten years 1889-98 by 118 per million. Table K. shows the male and female rates of mortality from phthisis at several age-groups in the year 1899, and for comparison with these, the corresponding average rates in the ten years immediately preceding. From this table it appears that in the year referred to phthisis was fatal, at all ages, to 1,554 per million of the male population and to 1,131 per million of the female; the male rate being lower by 5 per cent., and the female rate lower by 12 per cent. than the corresponding mean rates in the ten years immediately preceding. In both sexes the reduction in mortality has been greatest at ages under 35; at the higher ages, either the reduction has been but small, or else there has been an actual increase as compared with the average.

In England and Wales, as a whole, the total mortality of males from phthisis very considerably exceeds that of females. In the year under notice this was the case in London, and in 36 of the English and Welsh counties. In six counties, namely, Norfolk, Dorsetshire, Shropshire, Lincolnshire, Monmouthshire, and South Wales, the rates in the two sexes were practically

TABLE K.—PHTHISIS. MEAN ANNUAL MORTALITY per MILLION LIVING of each SEX at successive GROUPS of AGES in 1889-98 and in 1899.

AGE GROUPS.	Males.		Females.		Ratio.*	
	1889-98.	1899.	1889-98.	1899.	Males.	Females.
ALL AGES	1,629	1,554	1,289	1,131	95	88
Under 5 Years.	457	378	406	303	83	75
5—	188	122	250	188	65	75
10—	249	193	532	380	78	71
15—	1,050	867	1,376	1,103	83	80
20—	1,990	1,867	1,735	1,460	94	84
25—	2,532	2,377	2,129	1,841	94	86
35—	3,254	3,273	2,286	2,117	101	93
45—	3,242	3,334	1,727	1,659	103	96
55—	2,733	2,626	1,316	1,293	96	98
65—	1,597	1,651	810	927	103	114
75 and upwards.	577	548	369	372	95	101

\* i.e., the ratio of mortality in 1899 to that in 1889-98, the latter taken as 100.

equal; but in Herefordshire and Rutlandshire exceptionally, the female rates were higher than the male. In the year 1899, the death-rates both among males and among females in extra-metropolitan England, as a whole, were below the means of the seven years 1891-97, the rate among females being especially so. In London the male death-rate was above, but the female rate was slightly below, the average. In 28 of the remaining English counties the male death-rates, and in 38 counties the female rates, were below the respective averages. These counties are not in all cases the same as those similarly indicated in the previous annual report. In the three Welsh counties both male and female rates were below the average. This had also been the case in the year 1898.

*Tabes Mesenterica* was the stated cause of death in 6,294 instances during the year under notice, and accounted for a death-rate of 198 per million of the population at all ages. Among male children under five years of age the mortality thus returned was equal to a rate of 1418 per million living at that age, and among female children of the same age, to a rate of 1126 per million. These rates are in both cases somewhat lower than those of recent previous years.



*Tubercular Meningitis* was returned in the year under notice as the cause of 6,449 deaths, which corresponded to a rate of 203 per million of both sexes and at all ages. Among male children under five years the mortality from this disease was equal to a rate of 1,326 per million living, and among female children of the same age to a rate of 1,046 per million. Both these rates are below the average. The disproportionate liability of male children to tubercular meningitis is very striking; it is shown by the following figures which represent excess per cent. of male over female mortality under five years of age, in the years 1890-99.

All causes	...	...	...	...	19.0 per cent.
Tubercular meningitis	...	...	...	...	29.4 "
Other forms of tuberculosis	...	...	...	...	21.7 "
Inflammation of brain and its membranes*	...	...	...	...	22.9 "

Male children under 5 years old died from all causes at the rate of 61.4 per 1000 living at this age; and female children at the rate of 51.6 per 1000: accordingly the former died faster than the latter by 19 per cent. But the figures here given show that male children at this age died from tubercular meningitis faster than female children by as much as 29.4 per cent. Careful study of these figures suggests the expediency of considering the exceptional susceptibility of male as compared with female children to tubercular meningitis, in relation to their noticeable though less pronounced over-liability to other types of tubercular disease, and also to those forms of meningeal inflammation which are not designated tubercular in the certificates of death.

*Diabetes* was the assigned cause of 2,718 deaths in the year under notice, giving a rate of 86 per million living, without distinction of age or sex. The mortality from diabetes among males was equal to a rate of 94 per million, and among females to a rate of 78 per million; these rates being respectively 15 and 28 per cent. in excess of the average rates in the preceding ten years.

In view of the continued increase which has taken place in the fatality of diabetes in recent years, the following table (Table L.) has been constructed to show the incidence of fatal diabetes at several ages, and also the varying rates at which the disease has increased in recent years among males and females at those ages, respectively.

Comparing the decennial period 1890-99 with the period 1861-70, it appears that among males at all ages the fatality of diabetes has fully doubled since the earlier period, whilst among females it has more than trebled. Both sexes are shown by the table to have sustained increased mortality from diabetes at every stage of life, but the rate of increase has been very much greater

\* Almost all the deaths of children which are classified in the tables as from "Inflammation of the brain and its membranes," appear in the certificates as due to "meningitis."

TABLE L.—DIABETES MELLITUS. MEAN ANNUAL MORTALITY per MILLION LIVING of each SEX at successive GROUPS of AGES in 1861-70 and in 1890-99.

AGE GROUPS.	Males.		Females.		Ratio.*	
	1861-70	1890-99	1861-70.	1890-99.	Males.	Females.
ALL AGES	41	84	20	63	205	315
Under 5 years.	3	5	2	3	167	150
5—	5	6	4	8	120	200
10—	10	15	8	16	150	200
15—	22	30	13	25	136	192
20—	24	43	14	30	179	214
25—	44	60	22	44	136	200
35—	55	90	30	57	164	190
45—	83	161	37	107	194	289
55—	136	348	58	251	256	483
65—	180	534	62	359	297	579
75 and upwards.	120	454	38	297	378	782

\* i.e., the ratio of mortality in 1890-99 to that in 1861-70, the latter taken as 100.

at the higher ages than it has been during the prime of life. The increase of mortality per cent. from this disease among females over 75 years is especially noteworthy.

**Developmental Diseases.**—To one or other of the causes included under this heading 53,963 deaths were referred in England and Wales during the year 1899. These deaths were equal to 9.3 per cent. of the deaths from all causes, and to a rate of 1,701 per million living of both sexes. Of the above-mentioned deaths, as many as 31,477 (namely, 13,522 of males and 17,955 of females) were attributed to "Old age" simply. The mortality from old age was therefore equal among men to a rate of 879 per million, and among women to a rate of 1,097 per million. (Tables 17-22.) To premature birth, 18,548 deaths were attributed; a number equal to 19.97 per thousand children born, which is the highest proportion on record, the average in the ten years 1889-98 having been 18.42. The mortality ascribed to congenital defects was equal to 4.24 per 1000 births, as compared with an average rate of 3.85 per 1000 in the previous ten years.



**Local Diseases.**—The deaths from diseases thus classified numbered 291,581 in the course of the year 1899, amounting to rather more than half of the deaths from all causes; they were equal to a rate of 9,188 per million persons living, against an average rate of 9,360 per million in the ten years which ended with 1898.

*Diseases of the nervous system* (exclusive of convulsions) caused 47,910 deaths, corresponding to a rate of 1,509 per million persons living. The male rate was 1,562 per million or 5.0 per cent. below, and the female rate was 1,459 per million or 5.3 per cent. below, the decennial average, for each sex respectively.

*Diseases of the heart and circulatory system* accounted for 54,170 deaths, corresponding to a rate of 1,708 per million persons living. Among males the rate was 1,682 per million living, or 2.9 per cent. above the average, and among females it was 1,731, or 2.8 per cent. above the average.

Taking one year with another, it appears that diseases of the circulatory system cause somewhat heavier mortality, at all ages, among females than among males. If, however, our observations are limited to the year 1899, we find that although females under 25 years of age die about 17 per cent. faster than males, yet, at ages above 25 years, males fall victims faster than do females by about 2 per cent. If the mortality from the separate forms of circulatory disease be compared, important differences will be found to exist. For whilst on the one hand females suffer more severely than males from valvular diseases of the heart, and much more severely from embolism, varicose veins, and phlebitis; on the other hand, males sustain a heavier mortality from pericarditis, from cardiac hypertrophy, and from senile gangrene; whilst they succumb to angina pectoris nearly twice as fast, and to aneurism more than four times as fast as do the opposite sex.

The deaths from *diseases of the respiratory system* (exclusive of croup) numbered 100,830, and corresponded to a rate of 3,177 per million persons living at all ages. Among males the rate was equal to 3,496 per million, or 303 per million below the decennial average; and among females to 2,876 per million, or 267 per million below the average.

*Diseases of the urinary system* accounted for the deaths of 15,374 persons, or 485 per million living. This number includes 11,657 deaths that were referred to acute nephritis and Bright's disease, under which terms, collectively, it will be seen that the greater part of the deaths referable to diseases of the kidneys are included. In recent times the mortality referred to these latter affections has steadily increased. In the year 1899 the rate among males was equal to 407 per million, and among females to 330 per million. Since the last completed decennium male mortality from kidney diseases has increased by 28 per cent., and female mortality by 34 per cent. The experience of 1899 therefore tallies with that of 1881-90, in showing that the proportional increase in the fatality of kidney diseases is greater among females than among males.

**Violence.**—During the year under notice, 18,665 persons (12,965 males and 5,700 females) met their death by *accident or negligence*, the mortality thus returned being 589 per million, or 5.7 per cent. above the average. Among males the rate was 844 per million or 4.6 per cent. above the average, and among females it was 347 per million, which is 7.8 above the average. To *suicide* the deaths of 2,121 men and 723 women were attributed; these figures corrected for increase of population correspond closely with the average. 143 males and 148 females fell victims to *homicide*, these numbers being in each case somewhat below the corrected average. Of the 291 cases of homicide, 152 were returned by the coroners' juries as *murder*. There were 15 executions during the year 1899; the numbers in the three preceding years having been 20, 7, and 10 respectively.

**Ill-defined and Not Specified Causes.**—In the course of the year under notice the causes of 23,115, or 4 per cent. of the total deaths, were stated so unsatisfactorily in the registers as to be worthless for purposes of classification. Ill-defined deaths would have appeared in much larger proportions than at present had it not been for the enquiries which are systematically issued from this office to medical practitioners, respecting deaths certified as due to tumour, dropsy, mortification, hæmorrhage and certain other indefinite conditions. In the course of the year, 3,513 answers to letters of enquiry were received at this office, with the result that the deaths under the heading "Tumour" (organ not stated) were reduced from 238, at which number they originally stood, to 81, the deaths from dropsy (without specification of cause) were reduced from 277 to 210, the deaths from pyæmia from 541 to 336, those from peritonitis from 2,246 to 1,994, and many other deaths indefinitely described in the original certificates were reduced in like proportion. The 1,194 enquiries with regard to tumours resulted in the transference of 589 deaths to cancer, 123 to tuberculosis, 97 to syphilis, 22 to ovarian and uterine diseases, and 32 to other definite causes. The 326 enquiries concerning deaths referred to pyæmia led to the transference of 43 deaths to puerperal fever, 10 to venereal diseases, 66 to diseases of the local class, 69 to injuries of various kinds, and 17 to other specified causes. The 414 enquiries relating to deaths from peritonitis resulted in the transference of 69 deaths to puerperal fever, 25 to tuberculosis, 35 to diseases of the generative system, and 123 to other definite causes. The 212 enquiries concerning strictures of the œsophagus and pylorus resulted in the addition of 150 deaths to the heading "Cancer." The total additions to the undermentioned headings, which resulted from the enquiries above referred to, were as follows:—To cancer 760 deaths, to tuberculosis 179, to puerperal fever 146, to syphilis 115, and to alcoholism 51. In 182 instances the condition stated in the certificate was found to be due to accident, whilst in 161 other instances, in which such indefinite terms as "fracture," injury, &c., had been inserted in the certificate, the deaths were ultimately classed in accordance with the nature of the injury.



## CERTIFICATION OF CAUSE OF DEATH.

Of the 581,799 deaths which were recorded in England and Wales during the year 1899, the causes of 534,446, or 91·86 per cent., were certified by registered medical practitioners; inquests were held respecting 36,608, or 6·29 per cent.; whilst the causes of the remaining 10,745, or 1·85 per cent., were uncertified.

The proportion of medically certified deaths was somewhat less than it had been in 1898, but was higher than the proportion in any earlier year for which the figures can be ascertained. The proportion of inquest cases showed an increase on that for 1898, whilst uncertified deaths formed a smaller proportion of the total mortality than in any previous year on record.

The following table gives a summary of the changes in respect of certification of causes of death since 1878 :—

TABLE M.—CERTIFIED and UNCERTIFIED DEATHS, and INQUEST CASES, in ENGLAND and WALES, 1878-99.

YEAR.	PROPORTIONS IN 100 DEATHS REGISTERED.		
	Certified by Registered Medical Practitioners.	Inquests.	Uncertified.
1878-82... ..	90·47	5·17	4·36
1883-87... ..	91·10	5·40	3·50
1888-92... ..	91·53	5·61	2·86
1893-97... ..	91·56	6·12	2·32
1898 ... ..	91·92	6·19	1·89
1899 ... ..	91·86	6·29	1·85

In registration counties (reckoning for this purpose, as separate counties, the parts of London which lie to the north and to the south of the Thames) the proportions of medically certified deaths ranged from 89·25 per cent. in Northern London, 89·37 in Herefordshire, 90·83 in the East Riding of Yorkshire, 90·88 in Shropshire, and 90·99 in Leicestershire, to 92·94 in Buckinghamshire, 92·97 in Norfolk, 93·23 in Sussex, 93·29 in Nottinghamshire, 93·39 in Bedfordshire, and 93·48 in Monmouthshire. (Table N.) These figures must not, however, be taken as representing the relative amounts of medical attendance in different parts of the country. For varying proportions of cases which have been medically attended—notably, many in which death has resulted

TABLE N.—CERTIFIED DEATHS, INQUEST CASES, and UNCERTIFIED DEATHS IN 1899, PROPORTIONS per 100 DEATHS in each REGISTRATION COUNTY.

COUNTY.	Certified by Registered Medical Practitioners.	Inquest Cases.	Uncertified Deaths.		
			Total.	Reported to Coroners.	Not Reported to Coroners.
ENGLAND & WALES .. ..	91·86	6·29	1·85	1·45	0·40
London { North of Thames ..	89·25	10·63	0·12	0·08	0·04
{ South of Thames ..	91·34	7·26	1·40	1·00	0·40
Surrey .. ..	91·97	6·72	1·31	1·14	0·17
Kent .. ..	91·35	5·37	3·28	3·15	0·13
Sussex .. ..	93·23	5·82	0·95	0·74	0·21
Hampshire .. ..	92·54	6·15	1·31	0·99	0·32
Berkshire .. ..	91·83	5·81	2·36	2·15	0·21
Middlesex .. ..	92·80	6·25	0·95	0·78	0·17
Hertfordshire .. ..	92·69	5·07	2·24	1·72	0·52
Buckinghamshire .. ..	92·94	5·17	1·89	1·55	0·34
Oxfordshire .. ..	91·38	6·17	2·45	1·97	0·48
Northamptonshire .. ..	92·91	4·29	2·80	2·20	0·60
Huntingdonshire .. ..	91·02	6·32	2·66	1·90	0·76
Bedfordshire .. ..	93·39	4·27	2·34	1·54	0·80
Cambridgeshire .. ..	92·81	5·23	1·96	1·79	0·17
Essex .. ..	92·12	5·78	2·10	1·79	0·31
Suffolk .. ..	91·73	6·40	1·87	1·26	0·61
Norfolk .. ..	92·97	4·96	2·07	1·54	0·53
Wiltshire .. ..	91·40	7·38	1·22	0·70	0·52
Dorsetshire .. ..	92·87	4·77	2·36	2·26	0·10
Devonshire .. ..	92·14	5·93	1·93	1·76	0·17
Cornwall .. ..	91·11	6·35	2·54	1·90	0·64
Somersetshire .. ..	92·85	6·00	1·15	0·86	0·29
Gloucestershire .. ..	91·09	7·49	1·42	0·93	0·49
Herefordshire .. ..	89·37	5·26	5·37	4·68	0·69
Shropshire .. ..	90·88	6·03	3·09	2·77	0·32
Staffordshire .. ..	91·91	5·76	2·33	1·88	0·45
Worcestershire .. ..	91·73	6·09	2·18	1·87	0·31
Warwickshire .. ..	92·27	5·30	2·43	2·27	0·16
Leicestershire .. ..	90·99	7·29	1·72	1·25	0·47
Rutlandshire .. ..	92·38	4·97	2·65	1·66	0·99
Lincolnshire .. ..	91·89	5·39	2·72	2·27	0·45
Nottinghamshire .. ..	93·29	4·66	2·05	1·82	0·23
Derbyshire .. ..	91·70	5·33	2·97	2·54	0·43
Cheshire .. ..	92·57	6·24	1·19	0·93	0·26
Lancashire .. ..	92·35	5·47	2·18	1·91	0·27
West Riding .. ..	92·65	5·51	1·84	1·58	0·26
East Riding .. ..	90·83	7·71	1·46	1·27	0·19
North Riding .. ..	92·02	6·29	1·69	0·73	0·96
Durham .. ..	91·87	5·37	2·76	1·86	0·90
Northumberland .. ..	92·32	6·38	1·30	0·99	0·31
Cumberland .. ..	92·10	5·22	2·68	2·38	0·30
Westmorland .. ..	91·53	4·46	4·01	3·32	0·69
Monmouthshire .. ..	93·48	5·60	0·92	0·43	0·49
South Wales .. ..	91·62	6·14	2·24	0·62	1·62
North Wales .. ..	92·59	3·76	3·65	1·67	1·98



from the effects of injuries—are made the subject of coroners' inquiries, and are accordingly registered on their certificates. Since therefore the proportions of inquest cases in the year were, on the one hand, as low as 3.76 per cent. of the total deaths in North Wales, 4.27 in Bedfordshire, 4.29 in Northamptonshire, and 4.46 in Westmorland, and, on the other hand, as high as 7.38 in Wiltshire, 7.49 in Gloucestershire, 7.71 in the East Riding of Yorkshire, and 10.63 in Northern London; and further, since the proportions of inquests held on deaths from violence as well as on deaths from disease also vary widely in different parts of the country—it is possible that a comparatively low proportion of medically certified causes of death may be associated with a comparatively high proportion of persons medically attended in their last illness.

More definite inferences may be drawn from the columns for uncertified deaths in Table N. Uncertified deaths formed only 0.12 per cent. of the total in Northern London, and less than 1 per cent. in Sussex, in Middlesex, and in Monmouthshire; but they were 3.09 per cent. of the deaths in Shropshire, 3.28 in Kent, 3.65 in North Wales, 4.01 in Westmorland, and 5.37 in Herefordshire. Table O. gives a list of the registration districts in England and Wales in which the proportion of uncertified to total deaths was highest during the year under notice. The districts, 55 in number, show in each case a percentage of uncertified deaths amounting to more than double, and in one instance to more than nine times, the average in the country generally.

In England and Wales as a whole more than three-fourths of the uncertified deaths were brought under the notice of coroners, who declined to hold inquests concerning them; and in several counties nearly all the uncertified deaths were so reported. For example, out of 489 uncertified deaths in Kent, and 409 in Warwickshire, 469 and 382 respectively were reported to coroners. In the North Riding of Yorkshire, however, and in the three registration counties of the Welsh Division, less than half of the uncertified deaths were so reported. The percentage of deaths which were neither medically certified nor reported to coroners was 0.40, or 1 death in every 250; and it ranged from 0.04 in Northern London, 0.10 in Dorsetshire, 0.13 in Kent, and 0.16 in Warwickshire, to 0.90 in Durham, 0.96 in the North Riding of Yorkshire, 0.99 in Rutlandshire, 1.62 in South Wales, and 1.98 in North Wales.

The assigned causes of the 10,745 uncertified deaths are shown in Table P. on page xlii, in conjunction with sex and with age; the table also shows, under each of the assigned causes, how many were reported and how many were not reported to coroners. The table indicates the same general features as similar tables in previous reports have indicated, viz., that uncertified causes of death are most numerous among young children and least numerous among persons at ages 15–25; that the excess among infants is specially marked in those cases which have not been reported to coroners; that premature birth, convulsions, atrophy and debility are the prevailing assigned causes of uncertified deaths among children, and old age, apoplexy or paralysis, circulatory diseases, and

TABLE O.—REGISTRATION DISTRICTS which showed the highest PROPORTIONS of UNCERTIFIED DEATHS in 1899.

Registration County.	Registration District.	Total Deaths.	Deaths from Uncertified Causes.	Per Cent. of Total Deaths.
Surrey ... ..	Hambledon ... ..	265	15	5.66
	Hoo... ..	61	4	6.56
	Sevenoaks ... ..	417	23	5.52
Kent ... ..	Hollingbourn ... ..	158	10	6.33
	Tenterden ... ..	151	11	7.28
	East Ashford ... ..	191	10	5.24
	Romney Marsh ... ..	101	7	6.93
Hampshire ... ..	Isle of Wight ... ..	1259	64	5.08
Berkshire ... ..	Wantage ... ..	277	19	6.86
Oxfordshire... ..	Henley ... ..	317	17	5.36
Northamptonshire ... ..	Oundle ... ..	146	9	6.16
Essex ... ..	Maldon ... ..	374	23	6.15
	Halstead ... ..	266	16	6.02
	Thingoe ... ..	188	10	5.32
Suffolk ... ..	Bury St. Edmunds ... ..	308	17	5.52
	Mildenhall... ..	122	7	5.74
	Aylsham ... ..	237	12	5.06
Norfolk ... ..	Wayland ... ..	164	12	7.32
	Sturminster ... ..	146	8	5.48
Devonshire ... ..	Crediton ... ..	250	14	5.60
	South Molton ... ..	223	14	6.28
	Torrington... ..	195	14	7.18
	Holsworthy ... ..	116	11	9.48
Cornwall ... ..	Penzance ... ..	788	49	6.22
	Scilly Islands ... ..	14	1	7.14
Somersetshire ... ..	Dulverton ... ..	67	5	7.46
	Ross ... ..	288	22	7.64
	Hereford ... ..	750	38	5.03
Herefordshire ... ..	Weobly ... ..	101	6	5.94
	Bromyard ... ..	159	19	11.95
	Ludlow ... ..	318	24	7.55
Shropshire ... ..	Church Stretton ... ..	79	6	7.59
	Stone ... ..	329	17	5.17
Staffordshire ... ..	Cannock ... ..	715	39	5.45
Worcestershire ... ..	Tenbury ... ..	103	6	5.83
Warwickshire ... ..	Atherstone... ..	239	12	5.02
Lincolnshire ... ..	Holbeach ... ..	257	15	5.84
Lancashire ... ..	Warrington ... ..	1871	100	5.34
West Riding of Yorkshire... ..	Keighley ... ..	1373	78	5.68
	Saddleworth ... ..	272	16	5.88
Durham ... ..	Durham ... ..	1355	81	5.98
	Llandoverly ... ..	188	34	18.09
	Llandilofawr ... ..	373	20	5.36
	Narberth ... ..	277	35	12.64
	Haverfordwest ... ..	587	70	11.93
	Cardigan ... ..	299	23	7.69
	Newcastle in Emllyn ... ..	334	37	11.08
	Lampeter ... ..	199	21	10.55
	Aberayron ... ..	200	15	7.50
	Aberystwith ... ..	435	31	7.13
South Wales ... ..	Tregaron ... ..	166	26	15.66
	Builth ... ..	167	9	5.39
	Pwllheli ... ..	413	25	6.05
	Carnarvon ... ..	799	42	5.26
North Wales ... ..	Anglesea ... ..	272	27	9.93
	TOTAL ... ..	19,725	1296	6.57



TABLE P.—UNCERTIFIED DEATHS REGISTERED in 1899, ARRANGED according to AGE, SEX, and ASSIGNED CAUSE of DEATH.

Assigned Cause of Death.	Total.	Sex.		Whether Reported to Coroners.		AGES.									
		Males.	Females.	Reported.	Not Reported.	Under 3 months	3 months and under 1 year.	YEARS.					65 and upwards.		
								1—	5—	15—	25—	45—			
Measles .. .. .	77	34	43	63	14	—	13	60	3	—	—	1	—		
Scarlet Fever .. .	10	6	4	7	3	—	—	4	6	—	—	—	—		
Diphtheria .. .	15	9	6	8	7	—	1	6	7	1	—	—	—		
Whooping Cough ..	60	30	30	43	17	8	28	23	1	—	—	—	—		
Other Miasmatic Dis. .	72	37	35	50	22	3	5	4	4	5	13	22	16		
Diarrhoeal Diseases ..	281	157	124	221	60	32	139	63	11	1	7	13	15		
Puerperal Fever .. .	2	—	2	2	—	—	—	—	—	1	1	—	—		
Alcoholism .. .	12	8	4	10	2	—	—	—	—	—	5	6	1		
Cancer .. .	38	16	22	27	11	—	—	—	1	—	5	21	11		
Tubercular Diseases ..	248	141	107	185	63	8	26	19	7	41	86	41	20		
Premature Birth and Congenital Defects.	1263	752	511	604	659	1252	7	2	1	1	—	—	—		
Old Age .. .	795	389	406	626	169	—	—	—	—	—	—	4	791		
Apoplexy, Paralysis ..	425	231	194	387	38	4	1	2	3	9	41	163	202		
Epilepsy .. .	133	65	68	125	8	1	2	3	5	22	40	34	26		
Convulsions .. .	2334	1280	1054	1901	433	1271	746	282	34	—	—	—	1		
Other Nervous Dis. ..	65	30	35	46	19	3	12	14	9	4	6	9	8		
Syncope .. .	253	109	144	233	20	—	—	5	3	13	39	133	60		
Other Circulatory Dis. .	1570	823	747	1389	181	11	3	5	17	46	184	697	607		
Bronchitis .. .	711	347	364	596	115	74	110	117	6	4	39	166	195		
Other Respiratory Dis. .	305	178	127	241	64	22	44	74	21	5	29	56	54		
Dentition .. .	163	95	68	144	19	1	91	71	—	—	—	—	—		
Other Digestive Dis. ..	212	106	106	175	37	26	30	21	19	11	30	38	37		
Childbirth .. .	43	—	43	40	3	—	—	—	—	7	32	4	—		
Violence .. .	127	85	42	124	3	38	15	11	2	6	13	12	30		
Atrophy, Debility, &c. .	578	329	249	324	254	475	70	22	1	—	1	6	3		
Other stated Causes ..	205	151	144	248	47	37	17	24	5	12	48	79	73		
Causes not stated ..	658	348	310	616	42	155	79	41	17	9	55	140	162		
Reported to Coroners ..				8,435		2150	1227	720	156	174	595	1492	1921		
Not Reported to Coroners ..				2,310		1271	212	153	27	24	79	153	391		
All Causes Males .. .				5,756		1971	792	441	96	88	323	893	1152		
Females .. .				4,989		1450	647	432	87	110	351	752	1160		
Total .. .				10,745		3421	1439	873	183	198	674	1645	2312		

bronchitis are the prevailing assigned causes among old people ; the table further indicates that the bulk of the uncertified deaths referred to old age, to apoplexy, paralysis, epilepsy, or convulsions, to circulatory or respiratory diseases, or to dentition are reported to coroners before registration.

OFFENCES AGAINST THE REGISTRATION ACTS.

In 1899, 17 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 ..	11
For giving false information for the registration of adopted children .. . . . . .	2
For causing a fictitious entry to be made in a birth register .. . . . . .	1
For failing to comply with requisition to register ..	2
For presenting a false and forged medical certificate at the registration of a death .. . . .	1

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 during the year 1899 by 2,035,113, this addition raising the aggregate number of names in the indexes, which at the end of 1899 embraced a period of 62½ years, to 98,753,400.

SEARCHES AND CERTIFICATES.

Besides the certified copies of the registered births, deaths, and marriages kept in England and Wales pursuant to the Registration Acts of 1836 and 1874, a large number of other registers and records are deposited in the custody of the Registrar-General under statutory and other arrangements. A list of all these various registers and records will be found on pages xxix.-xxxii. of the Fifty-eighth Report. Searches may be made in any of these registers, and certificates obtained of entries found, on payment of the prescribed fees.

During the 52 weeks ended 30th December 1899 the total number of searches was 57,670, and certificates were issued to the number of 44,793 ; the total amount received in fees for searches and certificates was 8,551*l.* 19*s.* 6*d.*

The following figures indicate that as time progresses the records in this Office are being utilized by the public more



and more extensively for legal evidence of births, deaths, and marriages :—

Years.	Total Searches.	Certificates Issued.	Amount Received.
1866 (complete year) ...	12,135	10,017	£ 1,860 s. 15 d. 6
1875 (52 weeks) ... ..	26,356	20,282	3,879 15 6
1885 (52 weeks) ... ..	36,450	27,682	5,317 13 6
1895 (52 weeks) ... ..	53,289	35,727	7,200 12 6
1896 (53 weeks) ... ..	57,444	37,435	7,600 0 6
1897 (52 weeks) ... ..	58,664	37,485	7,686 8 6
1898 (52 weeks) ... ..	63,825	41,143	8,450 19 6
1899 (52 weeks) ... ..	57,670	44,793	8,551 19 6

MORTALITY IN THE ARMY.\*

The average strength of the Army at home and abroad in 1899 was 238,739, and the deaths during the year were 2,516, giving a death-rate of 10·5 per 1000 against 8·4, 10·0, and 12·0 in the preceding three years. The mortality in the Army abroad was 15·5 per 1000, against an average of 14·1 per 1000 in the five years 1894-98, while that in the Army at home was 4·5 per 1000, against an average of 4·2 in the same five years. (Table 34.)

MORTALITY IN THE NAVY.†

The average force afloat was 89,180. The deaths during the year numbered 483, being in the proportion of 5·4 per 1000 of the strength. Of the 483 deaths, 346 were due to disease and 137 to violence; the death-rate from disease was therefore 3·9 per 1000, and that from violence 1·5 per 1000. Of the 137 deaths from violence, 126 were accidental and 11 were suicidal; the accidental deaths include 52 from drowning and 6 from heat-stroke.

BIRTHS AND DEATHS AT SEA.

*Marine Register Book.*—In accordance with the Births and Deaths Registration Act of 1874 and the Merchant Shipping Act of 1894, Commanding Officers of Ships trading to or from British Ports are required, under penalty, to transmit returns of all births and deaths

\* Based upon returns furnished by the Commander-in-Chief.

† From the Statistical Report of the Health of the Navy for the year 1899.

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 Births and Deaths for 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." During the year 1899, this book was increased by the addition of 148 entries of birth and 2,584 entries of death.

*Mercantile Marine.*—The Registrar-General of Shipping and Seamen reports that the number of masters and seamen afloat during the year 1899, 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 230,372, being 1013 less than in the preceding year. The reported deaths numbered 2929, showing a rate of 12·7 per 1000 of the strength. This rate was 0·2 per 1000 below the mean rate in the five years 1894-98. (Table 36.)

INTERNATIONAL VITAL STATISTICS.

In Tables 43-60 will be found international statistics concerning the marriages, births, and deaths in the United Kingdom and in the principal States on the continent of Europe. In all the foreign countries from which returns for the year 1899 have been received, with the exception of Norway and Switzerland, the birth-rates during that year were lower than the respective averages for the 25 years 1874-98. The death-rates of all the countries, excepting Norway and Sweden, were lower than the averages for the same period of 25 years, and the rates in Hungary, Switzerland, and Italy were also lower than the rates in 1898; but the mortality in all the other countries was higher in 1899 than it had been in the previous year.

I have the honour to be,

Sir,

Your faithful Servant,

REGINALD MACLEOD,

*Registrar-General.*

*General Register Office, Somerset House,*

*31st December, 1900.*



MARRIAGE ACT, 1898.

[61 and 62 Vict., cap. 58.]

CHAPTER 58.

A.D. 1898. An Act to amend the Law relating to the Attendance of Registrars at Marriages in Nonconformist Places of Worship.

[12th August 1898.]

BE it enacted by the Queen's most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows :

Short title and construction.

1.—(1.) This Act may be cited as the Marriage Act, 1898, and may be cited with the Marriage Acts, 1811 to 1886.

6 & 7 Will. 4. c. 85.

(2.) The term "registered building," wherever used in this Act, shall mean any building registered for solemnising marriages therein under the Marriage Act, 1836.

(3.) For the purposes of this Act, as applied to Roman Catholic registered buildings, the words "trustees or governing body" shall include the bishop or vicar general of the diocese.

Extent of Act.

2. This Act shall not extend to Scotland or Ireland.

Commencement of Act.

3. This Act shall come into operation on the first day of April one thousand eight hundred and ninety-nine.

Solemnisation of marriages without presence of registrar.

4. Notwithstanding anything contained in section twenty of the Marriage Act, 1836, marriages may be lawfully solemnised in the registered building named in the notice of the marriages and in the superintendent registrar's certificate or certificate and licence issued pursuant to the provisions of the said Act, or any Act amending the same, between and by the parties described in the notice and certificate or certificate and licence, according to such form and ceremony as they may see fit to adopt, without the presence of any registrar, but in the presence of such duly authorised person as herein-after mentioned, and subject in all other respects, excepting as is herein provided, to all the conditions and provisoes contained in the said Act and any Acts amending the same.

Notices and forms.

5.—(1.) Whenever a marriage is intended to be solemnised in a registered building, and the parties intending to contract the marriage have duly fulfilled all the conditions from time to time required by law to entitle the superintendent registrar to issue a certificate or certificate and licence authorising the marriage, and the superintendent registrar does not receive notice, at the time when the form of notice of marriage as required by law is given to him, that the parties intending to contract the marriage require a registrar to be present at the marriage, the superintendent registrar shall, subject to the provisions of this Act, issue under his hand to one of those parties a certificate, or certificate and licence, as the case may require, in accordance with the forms set forth in Schedules B. and C. annexed to the Marriage and Registration Act, 1856.

19 & 20 Vict. c. 119.

(2.) The superintendent registrar shall at the same time give to one of the parties intending to contract the marriage printed instructions in the prescribed form for the due solemnisation of the marriage.

6.—(1.) Where a marriage is solemnised under this Act each of the parties contracting the marriage shall in some part of the ceremony make the following declarations :—

A.D. 1898

"I do solemnly declare that I know not of any lawful impediment why I, *A.B.*, may not be joined in matrimony to *C.D.*"

Declarations to be made in presence of authorised person.

And each of the parties shall say to the other the words following :—

"I call upon these persons here present to witness that I, *A.B.*, do take thee, *C.D.*, to be my lawful wedded wife [or husband]."

or in lieu thereof the words following :—

"I, *A.B.*, do take thee, *C.D.*, to be my wedded wife [or husband]."

(2.) The aforesaid declaration shall be made in the presence of the authorized person herein-after mentioned and two or more witnesses.

(3.) No marriage under this Act shall be solemnised in any registered building except in the presence of a person (in this Act referred to as an authorised person) certified as having been duly authorised for the purpose by the trustees or other governing body of the building, or of some registered building in the same registration district.

(4.) Where a person has been so authorised in respect of any registered building, the trustees or governing body of that building shall, within the prescribed time and in the prescribed manner, certify the name and address of the person or persons authorised for that building to the Registrar General and to the superintendent registrar of the district in which the building is situate.

Register books and returns.

7.—(1.) In the case of the solemnisation of a marriage under this Act, the certificate or certificate and licence required by law shall be delivered to the authorised person in whose presence the marriage is solemnised, who shall, immediately after the marriage, register in duplicate in two of the marriage register books provided for the purpose the several particulars relating to the marriage according to the form in Schedule C. annexed to the Births and Deaths Registration Act, 1836, and every such entry shall be signed by the authorised person, and by the parties to the marriage, and by two witnesses ; and all such entries shall be made in consecutive order from the beginning to the end of each book, and the numbers of the place of entry of each duplicate marriage register book shall be the same.

6 & 7 Will. 4. c. 86.

(2.) The Registrar General shall, when so requested by the authorised person, or the trustees or governing body of any registered building in which marriages may be solemnised under this Act, supply a sufficient number, in duplicate, of such marriage register books and forms for certified copies thereof as may be required for the purposes of this Act.

(3.) A marriage under this Act shall not be solemnised in any registered building until duplicate register books have been so supplied.

(4.) If the Registrar General is not satisfied with respect to any building registered, or proposed to be registered, for the solemnisation of marriages therein, that sufficient security exists for the due registration of marriages under this Act and for the safe custody of marriage register books, he may in his discretion attach to the



A.D. 1898.

6 & 7 Will.  
4. c. 86.

Custody of  
certificate  
and licence.

Fees.  
6 & 7 Will.  
4. c. 85.  
19 & 20  
Vict. c. 119.

Saving for  
right to  
require at-  
tendance of  
registrar.

Provisions  
as to registers  
and certified  
copies.

7 Will. 4.  
and 1 Vict.  
c. 22.

6 & 7 Will.  
4. c. 86.

Offences.

continuance on the register or registration of the building a condition that no marriages under this Act shall be solemnised therein.

(5.) Section thirty-five of the Births and Deaths Registration Act, 1836, shall apply in the case of a person having the custody of a marriage register book under rules made in pursuance of this Act, in like manner as it applies in the case of a rector, vicar, or curate.

8. The certificate or certificate and licence, as the case may be, shall be kept in the prescribed custody, and shall be produced with the marriage register books as and when required by the Registrar General.

9. The fees payable to the superintendent registrars under the Marriage Act, 1836, and the Marriage and Registration Act, 1856, in respect of marriages, whether with or without licence, shall be payable in respect of marriages under this Act.

10. Where the contracting parties give notice to the superintendent registrar that it is the wish of the parties to be married in the presence of the district registrar, nothing in this Act contained shall relieve the registrar from attendance at such marriage as now by law required and the fulfilment of the duties now imposed by law, and in case of such attendance the registrar shall be entitled to the fees now authorised by law.

11.—(1.) The authorised person for a registered building shall, in the months of April, July, October, and January respectively, make and deliver to the superintendent registrar of the district in which the registered building is situate, on forms supplied by the Registrar General, a true copy certified by him under his hand of all the entries of marriages in the register book since the date of the last certified copy, and if there has been no marriage registered in the book since that date, shall certify the fact under his hand on a form to be supplied by the Registrar General, and shall in accordance with rules under this Act keep the marriage register books safely until they are filled.

(2.) The superintendent registrar shall pay or cause to be paid to the authorised person the sum of sixpence for every entry contained in the said certified copy, and this sum shall be reimbursed to the superintendent registrar by the board of guardians of the union for which he is appointed.

(3.) When any such register book is filled, one copy thereof shall be delivered to the superintendent registrar of the district in which the registered building is situate, and the other shall be kept in the prescribed custody.

(4.) Section twenty-nine of the Births and Deaths Registration Act, 1837, shall apply in the case of an authorised person in like manner as it applies in the case of a rector, vicar, or curate.

(5.) Every superintendent registrar shall four times in every year send to the Registrar General the certified copies received by him under this section in the same manner and under the same conditions as are directed with respect to the certified copies of marriages solemnised in churches and chapels under the Births and Deaths Registration Act, 1836.

12. If any authorised person refuses or fails to comply with this Act, or the enactments or regulations for the time being in force

with respect to the solemnisation and registration of marriages, he shall be guilty of an offence under this Act, and shall be liable, on summary conviction, to a penalty not exceeding ten pounds, or on conviction on indictment to imprisonment with or without hard labour for a term not exceeding two years or to a fine not exceeding fifty pounds, and shall, upon conviction, cease to be an authorised person.

13. Nothing in this Act shall be taken to relate or have any reference to marriages solemnised in accordance with the practice and usages of the Society of Friends or of persons professing the Jewish religion.

14. Section twenty-three of the Births and Deaths Registration Act, 1837, relating to marriages in the Welsh tongue, shall apply in the case of marriages under this Act.

15. So much of sections thirty-nine and forty-two of the Marriage Act, 1836, as punishes the solemnisation of or renders void any marriage by reason of the absence of the registrar is hereby repealed in respect of any marriage authorised by and solemnised in accordance with this Act.

16. The Registrar General may, with the approval of the Local Rules Government Board, make rules with respect to—

- (a.) The forms to be used for the purposes of this Act ;
- (b.) The custody of documents required for the purposes of this Act ;
- (c.) The duties of registrars, superintendent registrars, and authorised persons under this Act ;
- (d.) Any matter which may under this Act be prescribed ; and generally for carrying into effect the provisions of this Act.

17.—(1.) On the issue of any certificate for a marriage to be solemnised in accordance with this Act, the parties to the marriage shall pay to the superintendent registrar of the district in which the registered building selected for the marriage is situate, an additional fee of six shillings and sixpence if the marriage is by licence, and otherwise a fee of four shillings. Provided that not more than one such fee shall be paid in respect of any one marriage.

(2.) Where there is only one registrar of marriages for the district, who was appointed before the passing of this Act, the superintendent registrar shall, at the end of each quarter, pay the fees so received by him to that registrar, and where there are more such registrars he shall, at the end of each quarter, divide the amount of the fees so received by him among those registrars in accordance with rules to be made under this Act.

(3.) This section shall not continue in force for more than ten years from the commencement of this Act, and shall not apply to a district unless there is acting therein a registrar of marriages appointed before the passing of this Act.

A.D. 1898.

Saving for  
Society of  
Friends and  
Jews.

Provisions  
for marriage  
in the Welsh  
tongue.

Repeal.  
6 & 7 Will.  
4. c. 85.

Temporary  
provision  
as to fees.



## REMARKS ON THE METEOROLOGY OF THE YEAR 1899.

BY JAMES GLAISHER, ESQ., F.R.S., &amp;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 generally below their averages from January 1st to the 23rd, being particularly so on January 1st and 2nd, when it was as much as 0.83 in. and 0.96 in. respectively below; the mean daily deficiency for the 23 days was 0.23 in.; from January 24th to the 29th it was above, being as much as 0.72 in. and 0.68 in. in excess on January 25th and 26th respectively; the mean daily excess for the 6 days ending January 29th was 0.46 in.; from January 30th to February 16th it was below, being particularly so on February 8th, 12th, and 13th, when it was as much as 0.51 in., 0.63 in., and 0.71 in. respectively below; the mean daily deficiency for the 18 days was 0.33 in.; from February 17th to March 3rd it was above, being as much as 0.57 in., 0.69 in., and 0.63 in. in excess on February 27th and 28th and March 1st respectively; the mean daily excess for the 15 days ending March 3rd was 0.33 in.; from March 4th to the 10th it was generally below, being as much as 0.63 in. and 0.88 in. below on the 8th and 9th respectively; the mean daily deficiency for the 7 days ending March 10th was 0.31 in.; from March 11th to the 19th it was above, the mean daily excess being 0.32 in.; from March 20th to the 23rd it was below, the mean daily deficiency being 0.22 in.; from March 24th to April 6th it was above, the mean daily excess being 0.16 in.; from April 7th to the 16th it was below, being as much as 0.64 in., 0.74 in., 0.88 in., and 0.60 in., below on April 7th, 13th, 14th, and 15th respectively; the mean daily deficiency for the 10 days ending April 16th was 0.42 in.; from April 17th to the 23rd it was generally above, the mean daily excess being 0.18 in.; from April 24th to the 29th it was generally below, the mean daily deficiency being 0.21 in.; from April 30th to May 8th it was generally above, the mean daily excess being 0.25 in.; from May 9th to the 18th it was generally below, the mean daily deficiency being 0.13 in.; from May 19th to June 17th it was generally above, the mean daily excess being 0.21 in.; from June 18th to the 23rd it was below, being as much as 0.75 in. below on the 20th, the mean daily deficiency was 0.34 in.; from June 24th to the 27th it was above, the mean daily excess being 0.20 in.; from June 28th to July 3rd it was below, the mean daily deficiency being 0.39 in.; from July 4th to August 26th it was generally above, the mean daily excess being 0.17 in.; from August 27th to October 2nd it was generally below, the mean daily deficiency being 0.17 in.; from October 3rd to the 26th it was generally above, being as much as 0.53 in., 0.52 in., and 0.52 in. in excess on October 8th, 19th, and 21st respectively; the mean daily excess for the 24 days ending October 26th was 0.29 in.; from October 27th to November 10th it was generally below, the mean daily deficiency being 0.15 in.; from

November 11th to December 5th it was above, being particularly so on November 16th, 17th, and 18th, when it was as much as 0.73 in., 0.80 in., and 0.73 in. respectively in excess, and on several other days during this period it was more than half an inch above its average, the mean daily excess for the 25 days ending December 5th was 0.49 in.; from December 6th to the 8th it was below, the mean daily deficiency being 0.13 in.; from December 9th to the 11th it was above, the mean daily excess being 0.20 in.; from December 12th to the 17th it was below, the mean daily deficiency being 0.16 in.; from December 18th to the 23rd it was above, the mean daily excess being 0.16 in.; and from December 24th to the 31st it was below, being as much as 0.78 in., 1.44 in., and 0.89 in. below on the 28th, 29th, and 30th respectively, the mean daily deficiency for the 8 days ending December 31st was 0.58 in.

The highest reading of the barometer at the height of 159 feet above the sea was 30.540 ins. on November 17th; and the lowest was 28.280 ins. on December 29th. The yearly range was 2.260 inches.

*Temperature.*—The temperature of the air was generally above its average from January 1st to the 23rd, being as much as 10°.8, 10°.3, 10°.2, 10°.3, 11°.2, 10°.2, 14°.3, and 10°.4 in excess on the 4th, 8th, 9th, 18th, 19th, 20th, 21st, and 22nd respectively, and on several other days during this period the temperature was as much as 8° and 9° in excess of its average, the mean daily excess for the 23 days ending January 23rd was 6°.5; from January 24th to February 6th it was below, the mean daily deficiency being 3°.8; from February 7th to the 23rd it was above, being particularly so on February 8th, 9th, 10th, 11th, and 13th, when it was as much as 11°.2, 13°.9, 18°.8, 12°.8, and 11°.1 respectively in excess; the mean daily excess for the 17 days ending February 23rd was 7°.1; from February 24th to March 7th it was generally below, the mean daily deficiency being 2°.9; from March 8th to the 15th it was above, the mean daily excess being 3°.0; from March 16th to the 25th it was below, being as much as 12°.4, 10°.0, 12°.3, and 10°.6 below on March 21st, 22nd, 23rd, and 24th respectively, the mean daily deficiency for the 10 days ending March 25th was 7°.4; from March 26th to April 6th it was above, the mean daily excess being 5°.6; from April 7th to the 24th it was generally below, the mean daily deficiency being 3°.1; from April 25th to the 29th it was above, the mean daily excess being 2°.6; from April 30th to May 30th it was generally below, being as much as 10°.6, 12°.1, and 10°.7 below on May 25th, 26th, and 27th respectively; the mean daily deficiency for the 31 days ending May 30th was 2°.4; from May 31st to June 7th it was above, being as much as 11°.4, 9°.2, and 9°.1 in excess on June 2nd, 5th, and 6th respectively, the mean daily excess for these 8 days being 7°.0; from June 8th to the 15th it was generally below, the mean daily deficiency being 3°.8; from June 16th to the 30th it was generally above, the mean daily excess being 1°.1; from July 1st to the 5th it was below, the mean daily deficiency being 2°.6; on July 6th a hot period set in and continued till September 9th, the temperature of the air was generally above its average, being particularly so on July 19th, 20th, and 21st, August 15th, 25th, and 27th, and on September 5th, when



it was as much as  $10^{\circ}7$ ,  $10^{\circ}9$ ,  $11^{\circ}1$ ,  $10^{\circ}8$ ,  $13^{\circ}2$ ,  $10^{\circ}5$ , and  $13^{\circ}1$  respectively in excess; the mean daily excess for the 66 days ending September 9th was  $4^{\circ}5$ ; on September 10th and 11th it was below, the mean daily deficiency being  $2^{\circ}9$ ; from September 12th to the 19th it was above, the mean daily excess being  $0^{\circ}5$ ; on September 20th and 21st it was below, the mean daily deficiency being  $3^{\circ}0$ ; from September 22nd to the 26th it was generally above, the mean daily excess being  $1^{\circ}5$ ; from September 27th to October 23rd it was generally below, the mean daily deficiency being  $3^{\circ}5$ ; from October 24th to November 17th the weather was remarkably mild, and the temperature above its average, being as much as  $11^{\circ}0$ ,  $10^{\circ}2$ ,  $11^{\circ}4$ ,  $11^{\circ}6$ , and  $10^{\circ}3$  in excess on October 27th and 28th, November 2nd, 4th, and 10th respectively; the mean daily excess for the 25 days ending November 17th was  $5^{\circ}9$ ; from November 18th to the 21st it was below, the mean daily deficiency being  $0^{\circ}5$ ; from November 22nd to December 7th it was above, being as much as  $10^{\circ}2$  in excess on December 6th, the mean daily excess was  $4^{\circ}7$ ; on December 8th a cold period set in, and continued till the 28th, the weather being exceptionally cold, and the temperature of the air below its average, being particularly so on December 11th, 13th, 14th, 15th, and 27th, when it was as much as  $11^{\circ}5$ ,  $11^{\circ}2$ ,  $11^{\circ}1$ ,  $13^{\circ}6$ , and  $10^{\circ}3$  respectively below; the mean daily deficiency for the 21 days ending December 28th was  $6^{\circ}$ ; and from December 29th to the 31st it was above, the mean daily excess was  $5^{\circ}2$ .

The highest temperatures of the air were at Camden Square  $91^{\circ}2$ ; at Osborne  $90^{\circ}9$ ; and at Barnet  $90^{\circ}5$ .

The lowest temperatures of the air were at Llangammarch Wells  $0^{\circ}0$ , at Barnet  $8^{\circ}5$ , and at Stonyhurst and Carlisle  $11^{\circ}2$ .

*Rainfall.*—The fall of rain was above its average in both January and February, and below its average in March; the total fall in the three months at Greenwich was  $5^{\circ}07$  ins., or  $0^{\circ}15$  in. above the average. The fall of rain was above its average in April, and below in both May and June; the total fall in the three months at Greenwich was  $5^{\circ}41$  ins., or  $0^{\circ}20$  in. below the average. The fall of rain was below its average in each of the months of July, August, and September; the total fall in the three months at Greenwich was  $4^{\circ}32$  ins., or  $2^{\circ}90$  ins. below the average. The fall of rain was below its average in October, above in November, and below again in December; the total fall in the three months at Greenwich was  $7^{\circ}54$  ins.,  $0^{\circ}45$  in. above the average.

The heaviest falls of rain at our stations were  $47^{\circ}66$  ins. at Stonyhurst;  $46^{\circ}78$  ins. at Llangammarch Wells; and  $35^{\circ}33$  at Halifax Public Library.

The least falls were  $18^{\circ}82$  ins. at Cambridge;  $21^{\circ}29$  ins. at Hull; and  $22^{\circ}03$  ins. at Oxford.

The greatest number of days of rain were at Stonyhurst 197; at Liverpool 188; and at Carlisle 187.

The least number of days of rain were at Croydon 126; at Ventnor 127; and at Oxford 129.

*Thunderstorms* occurred on 58 days at the different stations; of these 12 were in September, 10 in July, 8 in both May and August,

4 in both February and June, 3 in both January and October, and 2 in each of the months of April, November, and December.

*Thunder was heard but lightning was not seen* on 60 days; of these 13 were in July, 12 in September, 10 in August, 6 in April, 5 in May, 4 in both June, and November, 3 in January, 2 in March, and 1 in February.

*Lightning was seen but thunder was not heard* on 60 days; of these 10 were in August, 9 in September, 7 in July, 6 in both January and November, 5 in May, 4 in both April and June, and 3 in each of the months of February, October, and December.

*Solar halos were seen* on 99 days; of these 17 were in June, 13 in March, 10 in both February and July, 9 in each of the months of April, May, and August, 7 in September, 5 in November, 4 in October, and 3 in both January and December.

*Lunar halos were seen* on 49 nights; of these 9 were in February, 7 in December, 6 in January, 4 in each of the months of March, April, September, and November, 3 in each of the months of May, June, and July, and 1 in both August and October.

*Aurora borealis was seen* on 2 nights, viz., 1 in both January and February.

*Snow fell* on 55 days; of these 16 were in December, 12 in January, 10 in March, 8 in both February and April, and 1 in May.

*Hail fell* on 66 days; of these 11 were in January, 10 in March, 9 in both April and December, 7 in September, 5 in February, 4 in each of the months of May, October, and November, and 1 in each of the months of June, July, and August.

*Fog prevailed* on 148 days; of these 22 were in both October and December, 18 in both February and November, 16 in January, 14 in March, 8 in both July and August, 6 in both May and June, and 5 in both April and September.



TABLE 1.—United Kingdom: Population of its several portions estimated of the Islands in the British Seas, and of the portions

YEAR.	UNITED KINGDOM. AREA 77,483,866 ACRES.			ENGLAND AND WALES. AREA 37,317,885 ACRES.		
	Persons.	Males.	Females.	Persons.	Males.	Females.
1850	27,523,694	13,436,128	14,087,566	17,773,324	8,707,074	9,066,250
1851	27,393,337	13,369,095	14,024,242	17,982,849	8,808,662	9,174,187
1852	27,448,257	13,394,542	14,053,715	18,193,206	8,909,938	9,283,268
1853	27,542,588	13,441,283	14,101,300	18,404,368	9,010,866	9,393,502
1854	27,658,704	13,496,584	14,162,120	18,616,310	9,111,410	9,504,900
1855	27,821,730	13,574,202	14,247,528	18,829,000	9,211,528	9,617,472
1856	28,011,034	13,661,616	14,349,418	19,042,412	9,311,182	9,731,230
1857	28,188,280	13,739,458	14,448,822	19,256,516	9,410,334	9,846,182
1858	28,389,770	13,828,357	14,561,413	19,471,291	9,508,949	9,962,342
1859	28,590,224	13,915,802	14,674,422	19,686,701	9,606,982	10,079,719
1860	28,778,411	13,997,137	14,781,274	19,902,713	9,704,394	10,198,319
1861	28,977,133	14,086,431	14,890,702	20,119,314	9,801,152	10,318,162
1862	29,243,610	14,218,788	15,024,822	20,371,013	9,923,272	10,447,741
1863	29,470,969	14,329,606	15,141,363	20,625,855	10,046,909	10,578,946
1864	29,680,437	14,431,943	15,248,494	20,883,889	10,172,089	10,711,800
1865	29,925,177	14,552,746	15,372,431	21,145,151	10,298,826	10,846,325
1866	30,147,755	14,656,115	15,491,640	21,409,684	10,427,146	10,982,538
1867	30,409,132	14,781,924	15,627,208	21,677,525	10,557,066	11,120,459
1868	30,689,977	14,917,163	15,772,814	21,948,713	10,688,600	11,260,113
1869	30,978,278	15,056,678	15,921,600	22,223,299	10,821,775	11,401,524
1870	31,256,535	15,189,549	16,066,986	22,501,316	10,956,608	11,544,708
1871	31,555,694	15,331,177	16,224,517	22,788,594	11,092,620	11,695,974
1872	31,874,183	15,485,219	16,388,964	23,096,495	11,242,495	11,854,000
1873	32,177,550	15,630,140	16,547,410	23,408,556	11,394,394	12,014,162
1874	32,501,517	15,788,489	16,713,028	23,724,834	11,548,346	12,176,488
1875	32,838,758	15,957,608	16,881,150	24,045,385	11,704,378	12,341,007
1876	33,199,994	16,138,194	17,061,800	24,370,267	11,862,519	12,507,748
1877	33,575,941	16,325,250	17,250,691	24,699,539	12,022,796	12,676,743
1878	33,943,773	16,508,370	17,435,403	25,033,259	12,185,238	12,848,021
1879	34,302,557	16,687,367	17,615,190	25,371,489	12,349,875	13,021,614
1880	34,622,930	16,844,178	17,778,752	25,714,288	12,516,737	13,197,551
1881	34,934,476	16,995,577	17,938,899	26,046,142	12,673,435	13,372,707
1882	35,206,617	17,122,482	18,084,135	26,334,942	12,808,460	13,526,482
1883	35,449,721	17,237,225	18,212,496	26,626,949	12,944,923	13,682,026
1884	35,724,231	17,367,248	18,356,983	26,922,192	13,082,837	13,839,355
1885	36,015,601	17,505,358	18,510,243	27,220,706	13,222,216	13,998,490
1886	36,313,582	17,646,573	18,667,009	27,522,532	13,363,079	14,159,453
1887	36,599,143	17,780,591	18,818,552	27,827,706	13,505,441	14,322,265
1888	36,881,271	17,912,256	18,969,015	28,136,258	13,649,314	14,486,944
1889	37,178,929	18,052,088	19,126,841	28,448,239	13,794,721	14,653,518
1890	37,484,764	18,196,143	19,288,621	28,763,673	13,941,671	14,822,002
1891	37,796,390	18,345,162	19,451,228	29,081,962	14,091,391	14,990,571
1892	38,103,519	18,496,250	19,607,269	29,401,898	14,246,413	15,155,485
1893	38,434,629	18,658,949	19,775,680	29,725,358	14,403,143	15,322,215
1894	38,777,687	18,828,923	19,948,764	30,052,397	14,561,606	15,490,791
1895	39,113,465	18,996,669	20,116,796	30,383,047	14,721,820	15,661,227
1896	39,464,582	19,170,756	20,293,826	30,717,355	14,883,806	15,833,549
1897	39,825,357	19,349,982	20,475,375	31,055,355	15,047,580	16,007,775
1898	40,190,797	19,531,563	20,659,234	31,397,078	15,213,160	16,183,918
1899	40,555,623	19,711,865	20,843,758	31,742,588	15,380,573	16,362,015

to the middle of each of the Years 1850-99, exclusive of the Population of the Army, Navy, and Merchant Service Abroad.

YEAR.	SCOTLAND.* AREA 19,459,725 ACRES.			IRELAND.* AREA 20,706,256 ACRES.		
	Persons.	Males.	Females.	Persons.	Males.	Females.
1850	2,872,821	1,368,045	1,504,776	6,877,549	3,361,009	3,516,540
1851	2,896,015	1,379,080	1,516,935	6,514,473	3,181,353	3,333,120
1852	2,918,162	1,389,469	1,528,693	6,336,889	3,095,135	3,241,754
1853	2,939,236	1,399,196	1,540,040	6,198,984	3,031,226	3,167,758
1854	2,959,211	1,408,246	1,550,965	6,083,183	2,976,928	3,106,255
1855	2,978,065	1,416,606	1,561,459	6,014,665	2,946,068	3,068,597
1856	2,995,771	1,424,261	1,571,510	5,972,851	2,926,173	3,046,678
1857	3,012,310	1,431,200	1,581,110	5,919,454	2,897,924	3,021,530
1858	3,027,665	1,437,414	1,590,251	5,890,814	2,881,994	3,008,820
1859	3,041,812	1,442,890	1,598,922	5,861,711	2,865,930	2,995,781
1860	3,054,738	1,447,622	1,607,116	5,820,960	2,845,121	2,975,839
1861	3,069,404	1,453,496	1,615,908	5,788,415	2,831,783	2,956,632
1862	3,097,009	1,468,180	1,628,829	5,775,588	2,827,336	2,948,252
1863	3,126,879	1,483,008	1,643,871	5,718,235	2,799,689	2,918,546
1864	3,156,021	1,497,988	1,658,033	5,640,527	2,761,866	2,878,661
1865	3,185,437	1,513,120	1,672,317	5,594,589	2,740,800	2,853,789
1866	3,215,129	1,528,404	1,686,725	5,522,942	2,700,565	2,822,377
1867	3,245,098	1,543,843	1,701,255	5,486,509	2,681,015	2,805,494
1868	3,275,350	1,559,438	1,715,912	5,465,914	2,669,125	2,796,789
1869	3,305,885	1,575,190	1,730,695	5,449,094	2,659,713	2,789,381
1870	3,336,707	1,591,101	1,745,606	5,418,512	2,641,840	2,776,672
1871	3,368,921	1,607,775	1,761,146	5,398,179	2,630,782	2,767,397
1872	3,404,798	1,626,461	1,778,337	5,372,890	2,616,263	2,756,627
1873	3,441,056	1,645,361	1,795,695	5,327,938	2,590,385	2,737,553
1874	3,477,704	1,664,480	1,813,224	5,298,979	2,575,663	2,723,316
1875	3,514,744	1,683,821	1,830,923	5,278,629	2,569,409	2,709,220
1876	3,552,183	1,703,388	1,848,795	5,277,544	2,572,287	2,705,257
1877	3,590,022	1,723,180	1,866,842	5,286,380	2,579,274	2,707,106
1878	3,628,268	1,743,204	1,885,064	5,282,246	2,579,928	2,702,318
1879	3,665,443	1,762,787	1,902,656	5,265,625	2,574,705	2,690,920
1880	3,705,994	1,783,950	1,922,044	5,202,648	2,543,491	2,659,157
1881	3,742,564	1,802,923	1,939,641	5,145,770	2,519,219	2,626,551
1882	3,770,657	1,816,785	1,953,872	5,101,018	2,497,237	2,603,781
1883	3,798,961	1,830,754	1,968,207	5,023,811	2,461,548	2,562,263
1884	3,827,478	1,844,830	1,982,648	4,974,561	2,439,581	2,534,980
1885	3,856,307	1,859,014	1,997,293	4,938,588	2,424,128	2,514,460
1886	3,885,155	1,873,308	2,011,847	4,905,835	2,410,186	2,495,709
1887	3,914,318	1,887,711	2,026,607	4,857,119	2,387,439	2,469,680
1888	3,943,701	1,902,225	2,041,476	4,801,312	2,360,717	2,440,595
1889	3,973,305	1,916,851	2,056,454	4,757,385	2,340,516	2,416,869
1890	4,003,132	1,931,589	2,071,543	4,717,959	2,322,883	2,395,076
1891	4,033,180	1,946,440	2,086,740	4,681,248	2,307,331	2,373,917
1892	4,063,452	1,961,401	2,102,051	4,638,169	2,288,436	2,349,733
1893	4,093,959	1,976,487	2,117,472	4,615,312	2,279,319	2,335,993
1894	4,124,691	1,991,684	2,133,007	4,600,599	2,275,633	2,324,966
1895	4,155,654	2,006,997	2,148,657	4,574,764	2,267,852	2,306,912
1896	4,186,849	2,022,428	2,164,421	4,560,378	2,264,522	2,295,856
1897	4,218,279	2,037,978	2,180,301	4,551,723	2,264,424	2,287,299
1898	4,249,946	2,053,648	2,196,298	4,543,773	2,264,755	2,279,018
1899	4,281,850	2,069,438	2,212,412	4,531,185	2,261,854	2,269,331

\* 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 AND WALES.—Marriages, Births, and Deaths, 1850-99.

YEAR.	MAR-RIAGES.	BIRTHS.					DEATHS.		
		Total.	Males.	Females.	Le-gitimate.	Ille-gitimate.	Persons.	Males.	Females.
1850	152,744	593,422	302,834	290,588	553,116	40,306	368,995	186,491	182,504
1851	154,206	615,865	314,968	300,897	573,865	42,000	395,396	200,500	194,896
1852	158,782	624,012	319,050	304,962	581,530	42,482	407,135	207,042	200,093
1853	164,520	612,391	313,756	298,635	572,628	39,763	421,097	214,720	206,377
1854	159,727	634,405	324,069	310,336	593,664	40,741	437,905	222,422	215,483
1855	152,113	635,043	323,960	311,083	594,260	40,783	425,703	216,587	209,116
1856	159,337	657,453	335,541	321,912	614,802	42,651	390,506	198,875	191,631
1857	159,097	663,071	339,998	323,073	620,069	43,002	419,815	212,356	207,459
1858	156,070	655,481	334,989	320,492	612,176	43,305	449,656	227,220	222,436
1859	167,723	689,881	352,662	337,219	645,130	44,751	440,781	223,576	217,205
1860	170,156	684,048	349,799	334,249	640,355	43,693	422,721	215,238	207,483
1861	163,706	696,406	355,972	340,434	652,249	44,157	435,114	222,281	212,833
1862	164,030	712,684	363,534	349,150	667,462	45,222	436,566	222,622	213,944
1863	173,510	727,417	372,019	355,398	680,276	47,141	473,837	242,203	231,634
1864	180,387	740,275	377,719	362,556	692,827	47,448	495,531	253,619	241,912
1865	185,474	748,069	381,444	366,625	701,484	46,585	490,909	252,218	238,691
1866	187,776	753,870	384,955	368,915	708,369	45,501	500,689	256,402	244,287
1867	179,154	768,349	392,224	376,125	723,163	45,186	471,073	242,588	228,485
1868	176,962	786,858	400,383	386,475	740,520	46,338	480,622	247,107	233,515
1869	176,970	773,381	394,570	378,811	728,690	44,691	494,828	254,863	239,965
1870	181,655	792,787	404,305	388,482	748,050	44,737	515,329	265,586	249,743
1871	190,112	797,428	405,605	391,823	752,653	44,775	514,879	265,563	249,316
1872	201,267	825,907	421,307	404,600	781,141	44,766	492,265	255,135	237,130
1873	205,615	829,778	422,757	407,021	786,617	43,161	492,520	254,985	237,535
1874	202,010	854,956	435,179	419,777	811,853	43,103	526,632	272,178	254,454
1875	201,212	850,607	434,225	416,382	809,794	40,813	546,453	282,202	264,251
1876	201,874	887,968	452,278	435,690	846,374	41,594	510,315	265,076	245,239
1877	194,352	888,200	451,896	436,304	846,045	42,155	500,496	260,567	239,929
1878	190,054	891,906	455,048	436,858	849,806	42,100	539,872	278,772	261,100
1879	182,082	880,389	447,914	432,475	838,200	42,189	526,255	271,496	254,759
1880	191,965	881,643	448,709	432,934	839,101	42,542	528,624	273,442	255,182
1881	197,290	883,642	450,180	433,462	840,522	43,120	491,935	253,605	238,330
1882	204,405	889,014	452,752	436,262	845,859	43,155	516,654	265,767	250,887
1883	206,384	890,722	453,076	437,646	848,076	42,646	522,997	269,262	253,735
1884	204,301	906,750	462,481	444,269	864,083	42,667	530,828	273,522	257,306
1885	197,745	894,270	455,809	438,461	851,477	42,793	522,750	268,305	254,445
1886	196,071	903,760	460,368	443,392	860,922	42,838	537,276	275,874	261,402
1887	200,518	886,331	451,603	434,728	844,197	42,134	530,758	272,137	258,621
1888	203,821	879,668	447,172	432,696	839,138	40,730	510,971	263,294	247,677
1889	213,865	885,944	451,218	434,726	845,317	40,627	518,353	266,102	252,251
1890	223,028	869,937	442,070	427,867	831,525	38,412	562,248	290,448	271,800
1891	226,526	914,157	465,660	448,497	875,376	38,781	587,925	302,494	285,431
1892	227,135	897,957	456,622	441,335	860,376	37,581	559,684	286,062	273,622
1893	218,689	914,572	465,711	448,861	875,714	38,858	569,958	291,889	278,069
1894	226,449	890,289	453,016	437,273	851,946	38,343	498,827	256,015	242,812
1895	228,204	922,291	468,886	453,405	883,455	38,836	568,997	290,704	278,293
1896	242,764	915,331	465,660	449,671	876,602	38,729	526,727	270,575	256,152
1897	249,145	921,693	469,180	452,513	883,284	38,409	541,487	280,211	261,276
1898	255,379	923,165	468,920	454,245	884,832	38,333	552,141	283,981	268,160
1899	262,334	928,646	473,172	455,474	891,522	37,124	581,799	299,472	282,327

TABLE 3.—ENGLAND AND WALES.—Annual Marriage-, Birth-, and Death-rates, 1850-99

YEAR.	MAR-RIAGES. Persons Married in 1000 Living.	BIRTHS.					DEATHS.				YEAR.
		Births to 1000 living.			Illegi-timate Births in 1000 Births.	Births of Males to 1000 Births of Females.	Deaths to 1000 living.			Deaths of Males to 1000 Deaths of Females, in equal Numbers Living.	
		Total.	Legi-timate.	Illegi-timate.			Persons.	Males.	Females.		
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	20.8	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	1128	1891
1892	15.4	30.5	29.2	1.3	42	1035	19.0	20.0	18.0	1111	1892
1893	14.7	30.8	29.5	1.3	42	1038	19.2	20.3	18.1	1117	1893
1894	15.1	29.6	28.3	1.3	43	1036	16.6	17.6	15.7	1121	1894
1895	15.0	30.4	29.1	1.3	42	1034	18.7	19.7	17.8	1111	1895
1896	15.8	29.7	28.4	1.3	42	1036	17.1	18.1	16.1	1124	1896
1897	16.0	29.7	28.5	1.2	42	1037	17.4	18.6	16.3	1141	1897
1898	16.3	29.4	28.2	1.2	42	1032	17.6	18.7	16.6	1127	1898
1899	16.5	29.3	28.1	1.2	40	1039	18.3	19.5	17.3	1128	1899



TABLE 4.—ENGLAND AND WALES.—Annual Marriage-, Birth-, and Death-rates, in Groups of Years, 1838-99.

PERIOD.	MARRIAGES.	BIRTHS.					DEATHS.			
	Persons Married to 1000 Living.	Births to 1000 Living.			Illegitimate Births in 1000 Births.	Births of Males to 1000 Births of Females.	Deaths to 1000 Living.			Deaths of Males to 1000 Deaths of Females, in equal Numbers Living.
		Total.	Legitimate.	Illegitimate.			Persons.	Males.	Females.	
1838-99	16.0	33.3	31.6*	1.8*	55*	1042	21.1	22.1	20.1	1104
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	33.0	2.2	61	1042	22.5	23.7	21.4	1109
1871-80	16.2	35.4	33.6	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	32.2	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	33.7	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
1891-95	15.2	30.5	29.2	1.3	42	1036	18.7	19.8	17.7	1118

\* For the period 1845-99 only.

TABLE 5.—ENGLAND AND WALES.—Annual Marriage-, Birth-, and Death-rates in each Quarter in Groups of Years, 1838-99, and in each Year, 1890-99.

PERIOD.	PERSONS MARRIED TO 1000 LIVING.				BIRTHS TO 1000 LIVING.				DEATHS TO 1000 LIVING.			
	Quarter ended				Quarter ended				Quarter ended			
	March.	June.	Sept.	Dec.	March.	June.	Sept.	Dec.	March.	June.	Sept.	Dec.
1838-99	13.1	16.4	15.7	18.9	34.5	34.2	32.3	32.1	23.5	20.7	19.4	20.8
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
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	30.7	29.2	19.7	18.0	19.2	19.9
1894 ..	12.9	14.3	15.9	17.2	30.9	29.5	28.5	29.6	20.0	15.8	14.2	16.5
1895 ..	10.6	16.0	15.9	17.5	32.0	30.8	30.3	28.3	22.7	17.2	17.5	17.6
1896 ..	11.3	17.2	16.8	17.7	29.1	30.2	29.5	30.1	17.9	16.3	16.3	17.9
1897 ..	11.7	17.8	16.8	17.8	30.7	29.2	30.0	28.8	18.7	16.3	17.8	17.0
1898 ..	11.7	17.9	16.8	18.6	29.9	29.7	29.7	28.3	19.5	16.2	17.9	16.8
1899 ..	11.4	18.3	18.0	18.4	29.5	30.3	29.0	28.3	18.8	16.6	19.2	18.6

TABLE 6.—ENGLAND AND WALES.—Churches and Chapels of the Established Church, and other Registered Buildings for Solemnization of Marriage, 31st December, 1899.

REGISTRATION COUNTY.	ALL RELIGIOUS DENOMINATIONS.	ESTABLISHED CHURCH.	Other Religious Denominations.													
			ALL OTHER RELIGIOUS DENOMINATIONS.	Presbyterians.	Congregationalists.	Baptists.	Roman Catholics.	Unitarians.	Wesleyan Methodists.					Calvinistic Methodists.	Bible Christians.	Others.
									Original connexion.	New Connexion.	Primitive Methodists.	United Methodist Free Church.	Other Wesleyan Methodists.			
ENGLAND AND WALES	27,887	15,309	12,378	397	2551	2195	1115	177	2695	203	1124	533	96	665	149	678
I.—LONDON.																
London .. .. .	1315	612	703	47	152	155	84	16	93	5	29	22	—	9	5	86
II.—SOUTH EASTERN.																
Surrey .. .. .	438	239	199	8	47	51	21	2	35	—	11	3	—	—	—	21
Kent .. .. .	797	498	299	7	64	83	27	3	67	—	19	2	—	1	9	16
Sussex .. .. .	621	404	217	7	59	49	25	3	37	—	8	—	—	8	4	17
Hampshire .. .. .	710	441	269	6	68	50	22	4	51	—	21	4	—	2	15	26
Berkshire .. .. .	382	267	115	3	19	26	12	1	26	—	20	—	—	—	—	8
III.—SOUTH MIDLAND.																
Middlesex .. .. .	336	152	184	10	37	49	23	1	29	—	9	—	—	—	2	24
Hertfordshire .. .. .	301	192	109	—	42	33	5	—	19	—	5	—	—	—	—	5
Buckinghamshire .. .. .	293	197	96	—	19	36	4	—	17	—	12	—	—	—	—	6
Oxfordshire .. .. .	346	265	81	1	19	22	9	—	20	—	4	—	—	—	—	3
Northamptonshire .. .. .	472	318	154	—	37	53	7	1	35	—	7	—	—	—	—	5
Huntingdonshire .. .. .	121	80	41	—	6	20	2	—	10	—	1	—	—	—	—	2
Bedfordshire .. .. .	242	140	102	—	13	33	3	—	32	—	14	—	—	—	—	7
Cambridgeshire .. .. .	310	195	115	1	20	44	5	—	23	1	15	4	—	—	—	2
IV.—EASTERN.																
Essex .. .. .	702	436	266	6	100	46	21	2	43	—	18	8	—	1	—	21
Suffolk .. .. .	672	508	164	3	51	50	11	2	22	—	15	3	—	—	—	7
Norfolk .. .. .	885	702	183	2	30	41	8	2	36	2	39	11	2	—	—	10
V.—SOUTH WESTERN.																
Wiltshire .. .. .	503	331	172	1	45	53	8	—	26	—	22	4	—	—	—	13
Dorsetshire .. .. .	402	299	103	—	33	12	—	3	28	—	12	—	—	—	1	2
Devonshire .. .. .	883	547	336	7	74	58	22	6	76	—	4	—	—	—	45	36
Cornwall .. .. .	469	256	213	—	18	8	9	—	93	2	5	37	2	—	37	2
Somersetshire .. .. .	848	555	293	2	70	56	14	4	89	—	13	14	—	—	11	20
VI.—WEST MIDLAND.																
Gloucestershire .. .. .	682	417	265	4	72	64	14	4	52	—	9	12	2	2	3	27
Herefordshire .. .. .	295	229	66	—	11	14	4	—	10	—	15	—	—	—	—	10
Shropshire .. .. .	482	315	167	2	43	15	12	—	30	2	42	6	1	10	—	4
Staffordshire .. .. .	737	364	373	7	49	30	45	7	115	31	60	13	—	1	—	15
Worcestershire .. .. .	389	256	133	6	17	28	17	3	26	4	15	2	—	—	—	13
Warwickshire .. .. .	539	322	217	4	48	44	33	5	42	4	10	6	1	1	—	19
VII.—NORTH MIDLAND.																
Leicestershire .. .. .	504	299	205	1	33	59	16	4	49	2	25	5	2	—	—	9
Rutlandshire .. .. .	69	56	13	—	3	6	1	—	2	—	1	—	—	—	—	—
Lincolnshire .. .. .	897	657	240	1	23	33	14	3	87	2	50	23	1	—	—	3
Nottinghamshire .. .. .	490	292	198	1	23	35	11	4	54	11	27	24	1	—	—	7
Derbyshire .. .. .	455	213	242	3	38	26	18	3	69	7	40	23	6	—	—	9
VIII.—NORTH WESTERN.																
Cheshire .. .. .	628	266	362	29	60	26	30	9	108	10	47	17	2	12	—	12
Lancashire .. .. .	2373	792	1581	71	254	156	274	37	336	34	123	113	35	21	5	122
IX.—YORK.																
West Riding .. .. .	1800	699	1101	8	186	116	75	17	342	59	130	106	22	—	1	39
East Riding (with York)	404	249	155	6	21	10	15	1	49	3	40	5	1	—	—	4
North Riding .. .. .	463	273	190	4	26	11	23	4	79	1	34	3	1	—	1	3
X.—NORTHERN.																
Durham .. .. .	583	268	315	28	25	20	54	4	76	15	61	20	1	—	—	11
Northumberland .. .. .	417	183	234	73	15	8	33	1	35	7	34	21	—	—	—	7
Cumberland .. .. .	292	181	111	15	16	4	14	1	33	—	18	4	—	—	1	5
Westmorland .. .. .	130	84	46	1	8	5	3	1	17	—	6	2	—	—	—	3
XI.—WELSH.																
Monmouthshire .. .. .	392	177	215	3	47	87	14	—	24	—	14	2	1	16	3	4
South Wales .. .. .	1753	685	1068	5	361	299	28	19	71	—	12	2	—	254	6	11
North Wales .. .. .	1065	398	667	14	149	71	13	—	82	1	8	—	—	327	—	2



TABLE 7.—ENGLAND AND WALES.—Marriages.—Manner of Solemnization, 1850-99.

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.			Civil Marriages in Superintendent Registrar's Office.	
								Roman Catholics.	Registrar.	Other Christian Denominations. Authorised Person.		Quakers.
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	628	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	628	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	82	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	44	113	0.3	2.6	128
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
1894	0.1	41	630	13	2	686	314	42	119	0.3	5.0	148
1895	0.1	39	633	13	1	686	314	41	120	0.3	5.3	147
1896	0.1	38	637	11	1	687	313	41	120	0.4	5.2	146
1897	0.1	35	640	10	1	686	314	41	121	0.4	5.7	146
1898	0.1	34	641	9	1	685	315	40	121	0.4	5.7	148
1899	0.1	34	634	9	1	678	322	41	113   11	0.3	6.4	150

TABLE 8.—ENGLAND AND WALES.—Marriages.—Manner of Solemnization, in Counties, 1899.

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.			Quakers.	Jews.	Civil Marriages in Superintendent Registrar's Office.	
								Roman Catholics.	Registrar.	Other Christian Denominations. Authorised Person.				
ENGLAND AND WALES	0.1	34	634	9	1	678	322	41	113	11	0.3	6.4	150	
I.—LONDON.														
London .. .. .	0.3	40	690	0	0	730	270	35	43	3	1.7	28.5	159	
II.—SOUTH EASTERN.														
Surrey .. .. .	—	39	704	1	1	745	255	18	77	3	0.8	—	156	
Kent .. .. .	—	21	719	6	1	747	253	14	96	9	0.3	0.1	134	
Sussex .. .. .	0.2	38	735	1	1	775	225	16	77	3	0.2	0.9	128	
Hampshire .. ..	0.2	39	652	5	2	698	302	18	98	5	—	0.3	181	
Berkshire .. ..	—	24	770	2	—	796	204	9	64	6	1.5	—	123	
III.—SOUTH MIDLAND.														
Middlesex .. ..	—	33	730	0	2	765	235	19	75	6	—	0.2	135	
Hertfordshire ..	—	21	820	—	1	842	158	4	88	3	0.6	—	62	
Buckinghamshire	—	25	774	—	2	801	199	2	103	13	—	—	81	
Oxfordshire .. .	—	30	753	2	7	792	208	14	91	8	0.8	—	94	
Northamptonshire	—	23	714	1	3	741	259	7	124	7	—	—	121	
Huntingdonshire	—	15	784	—	9	808	192	3	127	9	—	—	53	
Bedfordshire ..	—	21	708	2	—	731	269	5	142	19	0.8	—	102	
Cambridgeshire..	0.7	23	742	—	3	769	231	3	138	3	1.4	—	86	
IV.—EASTERN.														
Essex .. .. .	—	22	772	0	1	795	205	19	75	14	0.3	—	97	
Suffolk .. .. .	—	20	754	—	6	780	220	5	111	6	0.4	—	98	
Norfolk .. .. .	—	35	722	1	5	763	237	9	85	10	0.6	0.3	132	
V.—SOUTH WESTERN.														
Wiltshire .. ..	—	30	679	1	1	711	289	4	168	8	—	—	109	
Dorsetshire .. .	—	35	718	3	5	761	239	10	123	5	—	—	101	
Devonshire .. .	0.2	52	528	2	2	584	416	13	129	14	0.4	0.4	259	
Cornwall .. .. .	—	64	472	0	2	538	462	2	275	14	—	—	171	
Somersetshire ..	—	39	675	8	5	727	273	7	160	8	0.6	—	97	
VI.—WEST MIDLAND.														
Gloucestershire ..	—	31	668	1	1	701	299	13	118	9	0.8	1.2	157	
Herefordshire ..	—	40	690	4	3	737	263	17	82	5	1.3	—	158	
Shropshire .. .	0.6	50	689	8	4	752	248	7	121	8	—	—	112	
Staffordshire .. .	—	19	750	3	1	773	227	33	80	10	—	0.8	103	
Worcestershire ..	—	22	773	2	1	798	202	13	67	11	0.5	—	110	
Warwickshire .. .	—	15	734	3	1	753	247	31	57	9	1.1	4.2	145	
VII.—NORTH MIDLAND.														
Leicestershire ..	—	17	684	3	3	707	293	18	123	12	0.3	0.3	139	
Rutlandshire .. .	—	61	786	—	31	878	122	8	83	—	—	—	31	
Lincolnshire .. .	—	33	726	2	2	763	237	8	127	28	—	0.5	73	
Nottinghamshire ..	—	23	656	1	2	682	318	13	103	16	—	0.4	186	
Derbyshire .. .	—	32	666	4	1	703	297	27	149	18	—	—	103	
VIII.—NORTH WESTERN.														
Cheshire .. .. .	—	62	586	9	0	657	343	55	145	19	—	—	124	
Lancashire .. .	—	38	555	28	0	621	379	105	142	17	0.2	5.8	109	
IX.—YORK.														
West Riding .. .	—	20	672	14	0	706	294	41	132	22	0.3	5.2	93	
East Riding (with York)	0.3	43	667	2	1	713	287	34	110	9	—	3.7	130	
North Riding .. .	—	54	604	4	2	664	336	71	119	6	1.3	1.3	137	
X.—NORTHERN.														
Durham .. .. .	—	27	481	35	0	543	457	80	127	9	0.7	1.6	239	
Northumberland..	—	45	497	11	0	553	447	75	121	4	0.6	3.3	243	
Cumberland .. .	—	103	512	38	1	654	346	71	107	20	1.5	—	146	
Westmorland .. .	—	95	689	4	9	797	203	17	120	4	2.2	—	60	
XI.—WELSH.														
Monmouthshire ..	—	33	421	8	1	463	537	38	222	2	—	1.2	274	
South Wales .. .	0.1	39	250	8	0	297	703	29	234	13	—	1.3	426	
North Wales .. .	—	40	253	12	1	306	694	10	371	15	—	0.6	297	

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



TABLE 9.—ENGLAND AND WALES.—First Marriages, Re-Marriages, Marriages of Minors, and Signatures by Mark, 1850-99.

YEAR.	IN 1000 MARRIAGES.								
	FIRST MARRIAGES.		RE-MARRIAGES:		UNDER 21 YEARS:		SIGNED BY MARK.		
	Bachelors.	Spinsters.	Widowers.	Widows.	Men.	Women.	Men.	Women.	Both.
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	856	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	88	70	210	107	129	43
1886	876	914	124	86	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
1894	889	923	111	77	55	181	46	54	14
1895	891	924	109	76	52	174	40	48	13
1896	897	927	103	73	53	174	37	43	11
1897	902	931	98	69	51	170	33	40	10
1898	905	932	95	68	51	168	31	36	10
1899	908	933	92	67	50	165	29	34	9

TABLE 10.—ENGLAND AND WALES.—Marriages, Marriages of Minors, and Signatures by Mark in Counties, 1889-1898, and 1899.

REGISTRATION COUNTY.	Persons Married in 1000 Living.		IN 1000 MARRIAGES.								
	Average of Ten Years, 1889-98.	1899.	Under 21 Years.				Signed by Mark.				
			Average of Ten Years, 1889-98.		1899.		Average of Ten Years, 1889-98.		1899.		
			Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Both.
ENGLAND AND WALES	15'4	16'5	56	182	50	165	51	59	29	34	9
I.—LONDON.											
London .. .. .	17'6	18'4	49	170	45	158	32	43	25	33	12
II.—SOUTH EASTERN.											
Surrey .. .. .	13'0	14'7	32	127	32	125	30	19	17	12	2
Kent .. .. .	13'7	15'8	40	176	42	171	41	28	23	17	3
Sussex .. .. .	13'3	13'9	42	138	42	125	42	19	22	12	2
Hampshire .. .. .	14'7	15'5	33	137	34	146	36	24	18	15	2
Berkshire .. .. .	13'4	14'2	35	134	28	113	47	24	28	15	5
III.—SOUTH MIDLAND.											
Middlesex .. .. .	11'7	13'2	45	158	57	161	36	26	21	16	3
Hertfordshire .. .. .	12'2	14'4	53	149	51	127	75	45	36	20	5
Buckinghamshire .. .. .	13'0	14'1	58	170	61	144	69	36	30	22	6
Oxfordshire .. .. .	12'9	13'6	39	131	34	97	56	29	29	21	5
Northamptonshire .. .. .	15'1	16'3	78	193	61	165	47	42	24	25	8
Huntingdonshire .. .. .	13'1	14'2	48	158	59	142	69	36	27	18	6
Bedfordshire .. .. .	13'8	13'8	87	170	72	133	67	65	37	28	6
Cambridgeshire .. .. .	13'5	14'5	62	180	50	152	82	47	38	30	7
IV.—EASTERN.											
Essex .. .. .	13'0	14'7	52	197	45	182	52	38	28	25	6
Suffolk .. .. .	13'3	14'2	52	170	44	151	83	46	41	20	7
Norfolk .. .. .	13'6	14'6	61	178	59	156	74	46	38	22	8
V.—SOUTH WESTERN.											
Wiltshire .. .. .	13'2	14'9	38	134	33	128	58	30	29	19	5
Dorsetshire .. .. .	14'0	13'8	40	133	40	119	56	28	29	24	7
Devonshire .. .. .	15'1	16'0	33	123	31	120	36	35	17	22	4
Cornwall .. .. .	13'4	14'6	40	132	32	120	83	76	49	47	15
Somersetshire .. .. .	13'5	14'0	54	137	46	129	62	47	42	25	9
VI.—WEST MIDLAND.											
Gloucestershire .. .. .	15'5	16'0	60	155	54	142	51	49	27	29	7
Herefordshire .. .. .	13'0	14'1	26	116	13	85	75	43	26	26	5
Shropshire .. .. .	13'4	14'6	27	117	23	103	76	58	41	35	11
Staffordshire .. .. .	16'3	17'6	80	227	70	198	76	89	39	44	13
Worcestershire .. .. .	14'9	17'0	56	158	46	139	63	71	33	30	9
Warwickshire .. .. .	16'9	18'6	66	197	61	183	51	67	30	39	9
VII.—NORTH MIDLAND.											
Leicestershire .. .. .	15'4	16'3	89	208	73	181	38	42	19	20	6
Rutlandshire .. .. .	12'1	12'3	21	113	15	92	48	20	38	23	8
Lincolnshire .. .. .	15'0	17'1	40	182	47	171	48	37	23	24	3
Nottinghamshire .. .. .	16'3	17'6	90	248	75	217	53	60	23	34	10
Derbyshire .. .. .	15'5	16'5	69	233	55	206	46	46	22	26	7
VIII.—NORTH WESTERN.											
Cheshire .. .. .	14'3	15'3	51	157	44	135	47	55	25	24	7
Lancashire .. .. .	16'4	17'3	65	184	59	160	49	81	25	43	9
IX.—YORK.											
West Riding .. .. .	16'3	17'5	67	210	60	191	56	78	32	45	15
East Riding (with York) .. .. .	16'4	17'3	57	218	55	215	39	49	21	25	6
North Riding .. .. .	14'3	16'5	48	200	47	193	51	52	32	43	9
X.—NORTHERN.											
Durham .. .. .	15'9	17'4	61	260	52	226	63	82	35	46	10
Northumberland .. .. .	16'4	17'9	45	199	41	190	39	61	22	37	5
Cumberland .. .. .	13'5	14'2	44	165	38	137	42	56	27	31	6
Westmorland .. .. .	12'9	13'7	28	110	43	99	21	23	15	4	—
XI.—WELSH.											
Monmouthshire .. .. .	15'9	16'0	64	238	50	205	93	102	56	65	18
South Wales .. .. .	16'3	16'1	53	188	41	162	72	102	41	57	13
North Wales .. .. .	14'0	15'1	23	93	22	82	87	94	50	53	13



TABLE 11.—ENGLAND AND WALES.—Birth- and Death-rates in Counties, 1889-98, and 1899.

REGISTRATION COUNTY.	Births to 1000 Living.		Illegitimate Births to 1000 Births.		Males Born to 1000 Females Born.		Deaths to 1000 Living.				Deaths of Children under one year to 1000 Births.		
							Ten Years 1889 to 1898.		1899.		Ten Years 1889 to 1898.		1899.
	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Persons.	Persons.	Males.	Females.	Ten Years 1889 to 1898.	1899.	
ENGLAND AND WALES	30.3	29.3	43	40	1036	1039	18.4	18.3	19.5	17.3	151	163	
I.—LONDON.													
London*	30.7	29.3	37	36	1037	1044	19.3	19.4	21.0	17.9	157	167	
II.—SOUTH EASTERN.													
Surrey	25.3	24.8	40	36	1046	1020	14.6	15.1	16.6	13.8	118	139	
Kent	27.1	26.4	40	39	1025	1026	15.6	16.7	17.6	15.8	126	147	
Sussex	24.4	22.8	54	50	1041	1036	15.1	15.8	16.8	15.0	114	135	
Hampshire	26.9	25.4	41	38	1035	1059	15.9	17.6	19.3	16.0	121	151	
Berkshire	26.5	24.2	47	49	1036	1020	15.1	15.0	16.0	14.1	110	127	
III.—SOUTH MIDLAND.													
Middlesex	28.4	27.3	31	31	1026	1058	14.7	14.7	15.8	13.8	134	152	
Hertfordshire	26.4	25.3	47	42	1035	1049	15.9	16.3	17.6	15.1	108	118	
Buckinghamshire	27.6	25.7	45	41	1031	1064	15.3	15.5	15.9	15.1	112	120	
Oxfordshire	26.5	23.6	52	53	1037	1084	15.9	15.0	15.7	14.5	116	117	
Northamptonshire	29.8	29.3	40	41	1039	1005	16.2	15.5	16.1	14.8	134	133	
Huntingdonshire	26.0	25.4	52	61	1042	929	16.0	16.6	17.1	16.0	116	116	
Bedfordshire	26.9	24.7	54	48	1042	1055	15.9	16.3	16.8	15.9	126	138	
Cambridgeshire	26.9	25.0	50	47	1065	1056	16.4	14.9	15.2	14.6	123	125	
IV.—EASTERN.													
Essex	31.0	30.5	29	28	1029	1065	16.0	16.8	17.8	15.8	134	159	
Suffolk	28.3	26.5	55	53	1051	1055	16.7	16.1	16.9	15.3	119	122	
Norfolk	28.1	26.9	66	61	1034	1050	17.4	16.6	17.4	15.9	141	144	
V.—SOUTH WESTERN.													
Wiltshire	27.0	25.9	41	39	1033	1048	15.7	16.4	17.0	15.9	101	114	
Dorsetshire	26.3	25.1	44	39	1051	1091	15.6	16.4	16.7	16.1	99	122	
Devonshire	26.1	24.8	41	36	1046	1052	17.6	17.6	18.6	16.7	129	141	
Cornwall	26.8	25.1	53	53	1047	1044	18.3	16.6	17.7	15.7	142	136	
Somersetshire	27.6	24.6	36	44	1041	1045	16.4	16.9	17.8	16.1	113	124	
VI.—WEST MIDLAND.													
Gloucestershire	27.6	27.6	39	35	1024	1015	17.3	17.8	19.1	16.7	131	141	
Herefordshire	26.6	25.7	71	66	1027	1064	17.6	17.2	18.2	16.4	114	108	
Shropshire	27.6	27.5	73	65	1039	1009	17.1	17.8	19.1	16.6	114	119	
Staffordshire	35.2	35.1	44	40	1037	1032	19.8	19.6	20.4	18.8	169	177	
Worcestershire	29.7	30.8	42	38	1030	1045	16.7	16.8	18.2	15.5	142	138	
Warwickshire	31.7	33.2	36	30	1025	1030	19.3	19.5	21.0	18.2	166	175	
VII.—NORTH MIDLAND.													
Leicestershire	31.6	30.1	43	41	1029	1016	17.4	17.1	18.4	15.9	166	160	
Rutlandshire	24.0	22.9	49	49	1059	933	14.9	14.2	14.1	14.3	112	106	
Lincolnshire	28.4	28.5	55	57	1045	1014	17.1	17.0	17.7	16.2	141	150	
Nottinghamshire	32.5	32.2	54	48	1032	1046	17.9	18.8	19.9	17.8	159	182	
Derbyshire	32.2	31.1	45	43	1027	1060	17.5	16.8	17.1	16.4	145	147	
VIII.—NORTH WESTERN.													
Cheshire	29.9	28.3	45	42	1043	1033	18.4	17.8	18.7	17.0	156	164	
Lancashire	31.9	30.2	41	38	1034	1029	21.4	21.1	22.5	19.8	177	191	
IX.—YORK.													
West Riding	30.6	29.6	45	41	1029	1031	19.3	18.4	19.8	17.2	164	163	
East Riding (with York)	31.3	31.6	54	54	1040	1055	18.9	18.2	19.7	16.7	164	159	
North Riding	29.9	29.8	58	57	1040	1062	17.6	18.6	19.7	17.5	144	157	
X.—NORTHERN.													
Durham	36.0	35.3	36	34	1042	1040	19.5	19.4	19.9	18.9	166	178	
Northumberland	32.7	33.4	44	40	1039	1037	19.3	20.1	21.2	18.9	157	181	
Cumberland	29.7	27.4	71	64	1037	1021	17.1	15.4	15.9	14.8	130	128	
Westmorland	25.2	22.7	63	62	1013	1013	14.9	12.9	13.9	12.0	107	109	
XI.—WELSH.													
Monmouthshire	34.6	31.7	32	29	1041	991	18.8	18.8	18.9	18.6	150	176	
South Wales	33.8	31.5	35	31	1038	1063	19.3	19.1	19.4	18.8	160	186	
North Wales	27.4	28.7	66	60	1052	1057	19.1	19.4	20.1	18.8	131	137	

\* See note to Table 25.

TABLE 12.—ENGLAND AND WALES.—Annual Death-rates at Twelve Groups of Ages, 1850-99.\*—Persons.

YEAR.	DEATHS TO 1000 LIVING.—PERSONS.												
	ALL AGES.	AGES.											
		0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.
1850	20.8	62.1	8.1	4.8	6.7	8.2	9.3	11.8	15.9	27.9	59.8	132.7	276.8
1851	22.0	68.0	8.6	5.1	7.1	8.8	9.7	12.3	16.5	28.5	61.0	133.7	279.6
1852	22.3	69.4	8.9	5.3	7.4	8.9	10.0	12.3	16.6	28.4	59.5	136.2	286.9
1853	22.9	68.1	8.3	5.2	7.6	9.3	10.4	12.9	17.6	30.3	64.6	149.7	313.2
1854	23.5	72.4	9.3	5.6	7.6	9.4	10.7	13.5	18.0	30.0	62.6	140.9	285.0
1855	22.6	66.4	8.1	5.0	7.1	8.8	9.9	12.7	17.1	30.9	66.7	155.3	333.0
1856	20.5	62.7	7.2	4.5	6.6	8.2	9.2	11.7	15.3	26.8	56.5	125.2	262.4
1857	21.8	67.8	7.8	4.7	6.8	8.4	9.3	11.9	16.0	28.3	60.7	137.6	296.6
1858	23.1	71.9	10.5	5.2	7.1	8.7	9.6	12.2	16.3	28.9	63.2	142.6	312.5
1859	22.4	69.9	9.3	5.0	6.8	8.4	9.5	12.1	16.5	28.4	60.6	134.6	289.1
1860	21.2	62.2	6.8	4.2	6.4	8.0	9.3	12.0	16.3	29.4	63.7	143.1	306.6
1861	21.6	66.9	6.8	4.3	6.7	8.2	9.4	11.8	16.1	28.8	61.0	138.0	290.5
1862	21.4	65.1	7.5	4.5	6.5	8.0	9.3	12.0	16.4	29.0	60.3	133.7	283.3
1863	23.0	72.7	10.1	5.1	6.6	8.3	9.6	12.4	16.5	29.3	60.0	133.7	297.8
1864	23.7	70.8	9.6	5.0	6.7	8.7	10.3	13.4	18.1	32.4	66.6	145.6	314.7
1865	23.2	70.1	7.9	4.7	6.6	8.8	10.4	13.4	18.5	31.7	64.2	144.3	307.9
1866	23.4	70.3	7.5	4.5	6.7	8.9	10.7	13.9	18.8	31.9	64.8	144.5	306.4
1867	21.7	64.5	6.3	3.9	6.2	8.0	9.7	12.7	17.3	30.4	63.6	145.2	304.4
1868	21.8	68.4	7.6	4.1	6.1	7.8	9.5	12.3	16.8	29.0	59.1	131.7	269.6
1869	22.3	67.8	8.0	4.3	5.9	7.6	9.6	12.6	17.5	30.3	63.5	141.5	289.3
1870	22.9	69.6	8.6	4.5	6.2	7.8	9.8	12.8	17.6	31.2	64.8	145.5	302.0
1871	22.6	67.0	7.9	4.4	6.5	8.7	10.4	13.3	17.9	31.1	63.7	138.8	290.4
1872	21.3	63.0	6.7	4.1	6.1	8.1	9.8	12.8	17.2	29.4	60.7	131.6	277.8
1873	21.0	61.4	5.8	3.6	5.4	7.1	9.0	12.5	17.6	31.0	66.1	142.0	311.8
1874	22.2	66.6	7.3	3.9	5.5	7.4	9.4	13.2	18.3	32.3	66.2	139.5	302.6
1875	22.7	66.5	6.6	3.8	5.6	7.4	9.5	13.6	19.1	34.2	69.8	156.0	343.2
1876	20.9	62.4	6.1	3.6	5.2	7.0	8.8	12.7	17.5	31.0	62.4	136.2	293.0
1877	20.3	58.8	5.8	3.6	5.0	6.7	8.6	12.5	17.4	31.0	63.2	136.5	304.4
1878	21.6	66.2	6.4	3.6	5.0	6.5	8.4	12.4	17.6	32.0	65.3	146.8	328.5
1879	20.7	58.1	6.0	3.3	4.8	6.2	8.3	12.3	18.1	33.6	70.0	158.3	342.9
1880	20.5	64.2	6.2	3.3	4.7	6.0	7.7	11.5	16.8	30.4	62.7	136.5	288.8
1881	18.9	52.3	5.7	3.2	4.6	6.0	8.1	11.9	17.0	30.8	62.7	134.5	275.2
1882	19.6	58.9	6.1	3.3	4.7	5.9	8.1	11.7	17.0	30.5	61.2	130.8	267.9
1883	19.6	56.0	6.0	3.4	4.8	6.2	8.2	12.0	17.5	31.8	64.7	140.7	286.6
1884	19.7	59.9	5.8	3.3	4.6	6.0	7.9	11.7	17.3	30.4	62.6	133.5	263.6
1885	19.2	55.8	5.1	3.0	4.4	5.8	7.8	11.6	17.2	31.4	66.2	141.1	295.4
1886	19.5	59.3	4.8	2.9	4.4	5.5	7.4	11.2	17.0	31.8	67.5	143.8	316.0
1887	19.1	57.6	5.1	2.9	4.2	5.4	7.2	11.1	16.9	31.7	66.6	139.3	286.4
1888	18.1	52.9	4.7	2.8	4.0	5.3	7.0	10.8	16.7	30.9	65.3	136.2	283.1
1889	18.2	56.8	4.7	2.7	3.9	5.0	6.7	10.5	16.2	30.2	63.1	131.8	274.3
1890	19.5	58.1	5.0	2.9	4.2	5.4	7.5	12.0	18.7	34.4	69.2	143.9	291.4



TABLE 13.—ENGLAND AND WALES.—Annual Death-rates at Twelve Groups of Ages, 1850-99.—Males.

YEAR.	DEATHS TO 1000 LIVING.—MALES.												
	AGES.												
	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.
1850	21.4	66.8	8.1	4.7	6.2	8.2	8.8	11.7	17.0	29.7	63.1	140.1	289.7
1851	22.8	72.9	8.7	4.9	6.8	8.8	9.5	12.4	17.7	30.2	64.1	140.6	288.6
1852	23.2	74.6	9.0	5.2	6.9	9.2	9.7	12.3	17.9	30.4	62.8	141.7	292.7
1853	23.8	73.0	8.5	5.1	7.2	9.6	10.3	13.2	19.3	32.4	69.1	159.8	328.3
1854	24.4	77.3	9.4	5.5	7.3	9.7	10.5	13.6	19.3	31.8	66.5	149.2	296.0
1855	23.5	71.5	8.2	5.0	6.7	8.9	9.8	12.8	18.6	32.8	70.7	162.9	349.2
1856	21.3	67.0	7.2	4.5	6.4	8.4	9.1	11.8	16.6	29.0	60.6	130.7	283.4
1857	22.6	72.2	7.8	4.7	6.4	8.4	9.2	12.0	17.3	29.9	63.3	143.9	306.1
1858	23.9	76.5	10.5	5.0	6.8	8.7	9.3	12.3	17.7	30.9	66.2	147.0	323.5
1859	23.3	74.7	9.2	4.8	6.4	8.4	9.2	12.3	17.8	30.8	64.2	140.2	298.9
1860	22.1	67.3	6.8	4.1	6.1	8.2	9.0	12.4	17.8	31.5	67.3	151.2	314.9
1861	22.7	71.8	6.7	4.3	6.4	8.3	9.2	12.3	17.6	30.9	65.4	146.5	315.7
1862	22.4	69.8	7.7	4.4	6.2	8.2	9.2	12.4	18.1	31.3	63.3	139.9	296.7
1863	24.1	77.8	10.3	5.0	6.4	8.5	9.4	12.8	18.2	31.7	63.9	139.4	309.7
1864	24.9	75.8	9.8	4.9	6.5	9.1	10.3	14.3	20.1	35.2	70.3	151.4	334.4
1865	24.5	75.0	8.1	4.7	6.4	9.2	10.6	14.2	20.5	34.7	68.6	151.8	325.6
1866	24.6	74.9	7.8	4.6	6.5	9.2	10.9	14.7	20.9	34.7	68.9	150.6	323.5
1867	23.0	69.3	6.5	4.0	6.0	8.4	10.0	13.6	19.1	33.5	68.3	152.5	332.4
1868	23.1	72.8	7.8	4.2	5.9	8.0	9.7	13.2	18.9	31.9	63.8	139.1	282.4
1869	23.6	72.5	8.3	4.3	5.7	7.9	9.9	13.5	19.3	33.3	68.4	149.1	308.9
1870	24.2	75.0	8.9	4.5	5.9	8.0	10.1	13.8	19.6	33.9	69.6	152.1	320.7
1871	23.9	71.7	8.3	4.4	6.4	9.2	11.1	14.4	20.0	33.9	67.5	145.2	312.8
1872	22.6	67.6	7.0	4.1	6.0	8.7	10.3	14.0	19.4	32.5	65.5	140.3	292.0
1873	22.4	66.4	6.0	3.7	5.3	7.5	9.5	13.6	19.8	34.1	70.9	150.6	324.9
1874	23.6	71.8	7.4	3.9	5.3	7.5	9.6	14.3	20.9	35.8	71.4	146.4	322.8
1875	24.1	71.9	6.9	3.8	5.6	7.6	9.7	15.0	21.5	37.7	74.7	165.0	363.8
1876	22.3	67.6	6.3	3.5	5.3	7.3	9.3	13.8	19.9	34.3	67.2	145.8	302.6
1877	21.7	63.9	6.1	3.5	4.9	7.0	9.1	13.7	19.7	34.7	68.2	145.8	324.9
1878	22.9	71.2	6.6	3.6	4.9	6.8	8.8	13.6	20.0	35.1	69.5	154.8	353.9
1879	22.0	63.3	6.3	3.3	4.7	6.4	8.6	13.3	20.4	36.8	74.0	168.7	365.5
1880	21.8	69.2	6.4	3.3	4.5	6.1	7.9	12.5	19.1	33.7	68.1	145.8	310.9
1881	20.0	56.5	5.8	3.2	4.5	6.1	8.3	13.0	19.3	34.0	67.7	144.8	293.5
1882	20.7	63.4	6.3	3.2	4.6	5.9	8.2	12.6	19.0	33.8	66.2	139.3	287.1
1883	20.8	61.0	6.2	3.3	4.7	6.2	8.3	13.0	19.7	35.1	70.1	149.1	302.2
1884	20.8	64.9	5.8	3.2	4.5	6.0	8.0	12.7	19.4	33.5	68.3	142.2	290.1
1885	20.3	60.6	5.1	2.9	4.3	5.8	8.0	12.6	19.3	34.4	71.3	151.5	316.2
1886	20.6	64.5	4.8	2.8	4.3	5.7	7.6	12.1	19.2	34.7	72.8	153.4	339.1
1887	20.2	62.5	5.1	2.9	4.2	5.4	7.3	11.9	18.7	35.0	72.1	149.4	310.1
1888	19.2	57.7	4.7	2.7	4.0	5.4	7.1	11.7	19.0	34.4	71.6	144.5	304.7
1889	19.3	61.8	4.7	2.6	3.9	5.1	7.0	11.3	18.3	33.4	68.5	138.9	298.6
1890	20.8	63.0	5.0	2.8	4.3	5.7	8.0	13.2	21.7	38.6	75.3	153.3	316.5
1891	21.5	64.5	4.7	2.6	4.2	5.7	7.9	13.5	22.4	41.1	81.2	168.0	327.1
1892	20.0	61.9	4.7	2.6	4.0	5.2	7.1	12.2	19.9	36.8	75.4	154.9	305.1
1893	20.3	64.7	4.9	2.8	4.3	5.5	7.4	12.7	20.1	36.0	70.8	143.0	272.4
1894	17.6	55.0	4.1	2.3	3.7	5.1	6.7	11.0	17.6	32.0	62.0	128.3	243.0
1895	19.7	64.4	3.9	2.4	3.7	5.1	6.8	11.4	18.9	35.7	70.2	155.3	305.2
1896	18.1	59.3	4.3	2.3	3.5	4.9	6.4	11.0	17.8	32.5	61.8	129.8	250.9
1897	18.6	60.2	3.7	2.3	3.6	5.0	6.6	11.3	18.2	34.1	64.2	143.3	270.9
1898	18.7	60.7	3.5	2.1	3.4	5.0	6.6	11.3	18.3	34.5	64.7	142.1	281.2
1899	19.5	60.4	3.8	2.2	3.6	5.3	7.1	12.3	20.0	37.2	69.8	152.6	300.3

\* See Note to Table 12.

TABLE 14.—ENGLAND AND WALES.—Annual Death-rates at Twelve Groups of Ages, 1850-99.—Females.

YEAR.	DEATHS TO 1000 LIVING.—FEMALES.												
	AGES.												
	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.
1850	20.1	57.4	8.1	4.9	7.2	8.3	9.8	11.9	14.9	26.3	56.9	126.9	268.2
1851	21.2	63.0	8.6	5.3	7.5	8.8	9.9	12.1	15.4	26.8	58.3	128.3	273.6
1852	21.5	64.1	8.8	5.4	7.8	8.7	10.2	12.3	15.3	26.5	56.6	131.9	283.0
1853	22.0	63.2	8.1	5.4	8.1	9.0	10.6	12.6	16.0	28.3	60.8	141.8	303.2
1854	22.7	67.5	9.2	5.6	7.9	9.2	11.0	13.4	16.7	28.3	59.2	134.3	277.8
1855	21.7	61.3	8.0	4.9	7.5	8.7	10.0	12.6	15.6	29.1	63.3	149.3	322.4
1856	19.6	58.4	7.3	4.5	6.9	8.0	9.3	11.6	14.2	24.8	53.0	120.8	248.7
1857	21.1	63.5	7.7	4.6	7.1	8.4	9.5	11.8	14.8	26.7	58.5	132.6	290.5
1858	22.3	67.2	10.4	5.3	7.4	8.7	9.8	12.1	14.9	27.0	60.6	139.1	305.4
1859	21.5	65.0	9.4	5.2	7.2	8.3	9.8	12.0	15.2	26.3	57.6	130.1	282.9
1860	20.3	57.2	6.9	4.4	6.7	7.8	9.5	11.8	15.0	27.5	60.6	136.7	301.3
1861	20.6	62.0	6.8	4.4	7.0	8.1	9.5	11.4	14.7	26.9	57.3	131.2	274.6
1862	20.5	60.3	7.4	4.6	6.8	7.8	9.4	11.7	14.8	26.9	57.7	128.7	274.9
1863	21.9	67.5	9.9	5.2	6.8	8.1	9.7	12.0	14.9	27.1	56.7	129.1	290.2
1864	22.5	65.8	9.4	5.1	7.0	8.4	10.3	12.6	16.5	29.8	63.4	141.1	302.3
1865	22.0	65.1	7.8	4.6	6.8	8.5	10.2	12.6	16.6	28.8	60.4	138.4	296.7
1866	22.2	65.6	7.2	4.5	6.9	8.6	10.5	13.2	16.9	29.3	61.3	139.8	295.7
1867	20.5	59.6	6.1	3.9	6.4	7.8	9.5	12.0	15.6	27.5	59.5	139.4	287.3
1868	20.7	63.9	7.4	4.1	6.3	7.7	9.4	11.5	14.9	26.4	55.0	125.8	261.5
1869	21.0	63.0	7.8	4.3	6.1	7.3	9.3	11.7	15.7	27.6	59.2	135.4	277.1
1870	21.6	64.2	8.3	4.5	6.4	7.6	9.5	11.9	15.8	28.8	60.6	140.2	290.3
1871	21.3	62.4	7.5	4.5	6.6	8.2	9.7	12.2	15.9	28.5	60.4	133.6	276.4
1872	19.9	58.5	6.5	4.0	6.2	7.6	9.3	11.8	15.1	26.6	56.6	124.7	269.0
1873	19.8	56.4	5.6	3.6	5.5	6.8	8.6	11.4	15.6	28.3	61.9	135.2	303.5
1874	20.9	61.4	7.1	3.9	5.7	7.3	9.2	12.2	15.9	29.2	61.6	134.0	290.0
1875	21.4	61.2	6.4	3.8	5.7	7.3	9.3	12.4	17.0	31.1	65.7	148.8	330.3
1876	19.6	57.3	5.9	3.6	5.2	6.7	8.3	11.7	15.4	27.9	58.4	128.7	287.0
1877	18.9	53.6	5.6	3.6	5.1	6.3	8.2	11.3	15.3	27.7	58.9	129.1	291.6
1878	20.3	61.1	6.1	3.6	5.2	6.3	8.0	11.3	15.4	29.2	61.7	140.5	312.7
1879	19.6	52.9	5.8	3.4	4.9	6.0	8.0	11.3	16.0	30.7	66.6	150.2	328.7
1880	19.3	59.2	6.0	3.3	4.8	5.9	7.6	10.6	14.7	27.5	58.2	129.1	274.9
1881	17.8	48.0	5.7	3.2	4.7	6.0	7.9	11.0	14.9	28.0	58.4	126.4	263.8
1882	18.5	54.4	6.0	3.3	4.7	5.9	7.9	11.0	15.0	27.6	56.9	124.1	256.0
1883	18.5	51.1	5.8	3.4	4.9	6.1	8.1	11.1	15.6	28.8	60.2	134.2	277.0
1884	18.5	54.9	5.8	3.4	4.7	5.9	7.8	10.9	15.3	27.5	57.7	126.8	247.4
1885	18.2	51.0	5.1	3.1	4.5	5.7	7.7	10.8	15.2	28.7	62.0	133.2	282.8
1886	18.5	54.2	4.8	3.1	4.4	5.3	7.2	10.4	15.0	29.1	63.2	136.5	302.1
1887	18.1	52.7	5.1	3.0	4.2	5.4	7.0	10.3	15.2	28.8	62.2	131.6	272.1
1888	17.0	48.0	4.7	2.9	4.0	5.1	6.9	9.9	14.5	27.9	60.1	130.0	270.1
1889	17.2	51.9	4.7	2.8	3.9	4.9	6.5	9.8	14.3	27.4	58.7	126.5	260.3
1890	18.3	53.3	5.0	2.9	4.2	5.1	7.1	10.9	15.9	30.7	64.2	136.9	2



TABLE 15.—ENGLAND AND WALES.—Annual Death-rates at Twelve Age-periods in Groups of Years, 1838-99.\*—Males and Females.

PERIOD.	AGES.												
	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.
DEATHS TO 1000 LIVING.													
MALES.													
1838 to 1899	22.1	68.4	7.2	4.0	5.7	7.7	9.0	12.8	19.0	33.4	68.0	147.5	309.1
1841-50	23.1	71.2	9.2	5.1	7.1	9.5	9.9	12.9	18.2	31.8	67.5	148.3	312.3
1851-60	23.1	72.7	8.5	4.9	6.7	8.8	9.6	12.5	18.0	31.0	65.5	146.7	308.2
1861-70	23.7	73.5	8.2	4.5	6.2	8.5	9.9	13.5	19.2	33.1	67.1	147.2	315.0
1871-80	22.7	68.5	6.7	3.7	5.3	7.4	9.4	13.8	20.1	34.9	69.7	150.8	327.4
1881-90	20.3	61.6	5.4	3.0	4.3	5.7	7.8	12.4	19.4	34.7	70.4	146.6	305.8
1838-40	23.3	72.6	9.7	5.3	7.3	9.5	10.2	12.9	18.2	32.1	65.8	144.0	306.2
1841-45	22.2	68.7	8.8	4.8	6.8	9.0	9.4	12.2	17.2	30.3	65.5	143.7	305.1
1846-50	24.1	73.8	9.5	5.4	7.3	10.0	10.5	13.6	19.2	33.2	69.5	153.0	319.5
1851-55	23.5	73.9	8.8	5.1	7.0	9.2	10.0	12.9	18.6	31.5	66.6	150.8	311.0
1856-60	22.6	71.5	8.3	4.6	6.4	8.4	9.2	12.2	17.4	30.4	64.3	142.6	305.4
1861-65	23.7	74.0	8.5	4.7	6.4	8.7	9.7	13.2	18.9	32.8	66.3	145.8	316.4
1866-70	23.7	72.9	7.9	4.3	6.0	8.3	10.1	13.8	19.6	33.5	67.8	148.7	313.6
1871-75	23.3	69.9	7.1	4.0	5.7	8.1	10.0	14.3	20.3	34.8	70.0	149.5	323.3
1876-80	22.1	67.0	6.3	3.4	4.9	6.7	8.7	13.4	19.8	34.9	69.4	152.2	331.6
1881-85	20.5	61.3	5.8	3.2	4.5	6.0	8.2	12.8	19.3	34.2	68.7	145.4	297.8
1886-90	20.0	61.9	4.9	2.8	4.1	5.5	7.4	12.0	19.4	35.2	72.1	147.9	313.8
1891-95	19.8	62.1	4.5	2.5	4.0	5.3	7.2	12.2	19.8	36.3	71.9	149.9	290.6
FEMALES.													
1838 to 1899	20.1	58.6	7.0	4.2	6.1	7.2	8.9	11.6	15.5	28.2	59.9	133.9	282.5
1841-50	21.6	61.1	8.9	5.4	7.9	9.1	10.6	12.9	16.1	28.4	60.9	135.9	293.3
1851-60	21.4	63.0	8.4	5.1	7.4	8.6	10.0	12.2	15.3	27.1	58.9	134.5	288.9
1861-70	21.4	63.7	7.8	4.5	6.7	8.0	9.7	12.1	15.6	27.9	59.1	134.9	285.1
1871-80	20.1	58.4	6.3	3.7	5.5	6.8	8.6	11.6	15.6	28.7	61.0	135.4	296.4
1881-90	18.1	52.0	5.3	3.1	4.4	5.5	7.4	10.6	15.1	28.5	60.4	130.6	270.8
1838-40	21.5	62.4	9.4	5.8	8.3	9.1	10.3	12.7	15.8	28.1	57.3	130.0	278.4
1841-45	20.6	58.6	8.6	5.2	7.7	8.6	9.9	12.2	15.1	27.2	59.1	131.8	288.6
1846-50	22.6	63.7	9.2	5.7	8.1	9.6	11.2	13.7	17.0	29.7	62.8	140.1	297.9
1851-55	21.8	63.8	8.5	5.3	7.8	8.9	10.3	12.6	15.8	27.8	59.6	137.1	292.0
1856-60	21.0	62.3	8.3	4.8	7.1	8.2	9.6	11.9	14.8	26.5	58.1	131.9	285.8
1861-65	21.5	64.1	8.3	4.8	6.9	8.2	9.8	12.1	15.5	27.9	59.1	133.7	287.7
1866-70	21.2	63.3	7.4	4.3	6.4	7.8	9.6	12.1	15.8	27.9	59.1	136.1	282.4
1871-75	20.7	60.0	6.6	4.0	5.9	7.4	9.2	12.0	15.9	28.7	61.2	135.3	293.8
1876-80	19.5	56.8	5.9	3.5	5.0	6.2	8.0	11.2	15.4	28.6	60.8	135.5	299.0
1881-85	18.3	51.9	5.7	3.3	4.7	5.9	7.9	11.0	15.2	28.1	59.0	128.9	265.4
1886-90	17.8	52.0	4.9	2.9	4.1	5.2	6.9	10.3	15.0	28.8	61.7	132.3	276.2
1891-95	17.7	52.0	4.5	2.7	4.0	4.9	6.7	10.3	15.3	29.8	62.8	136.1	263.8

\*See Note to Table 12.

TABLE 16.—ENGLAND AND WALES.—Death-rates per 1000 living, at Twelve Groups of Ages in Registration Counties, 1899.—Persons.

REGISTRATION COUNTY.	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 & upwards.
ENGLAND AND WALES	18.3	55.5	3.9	2.2	3.4	4.8	6.5	11.1	17.6	33.2	65.2	146.9	282.5
I.—LONDON.													
London.. .. .	19.4	61.0	4.3	2.5	3.3	4.2	6.7	13.3	21.8	38.9	69.7	162.5	313.0
II.—SOUTH EASTERN.													
Surrey .. .. .	15.1	39.9	2.9	2.0	2.8	4.2	5.6	9.4	15.6	27.3	60.5	146.4	305.5
Kent .. .. .	16.7	44.3	4.1	2.0	3.5	4.7	5.9	10.0	14.8	28.2	58.6	138.5	293.9
Sussex .. .. .	15.8	38.0	2.8	2.0	3.0	3.8	6.2	9.7	14.8	26.4	57.5	138.7	302.9
Hampshire .. .. .	17.6	46.2	4.0	2.1	3.7	5.6	7.0	10.8	15.4	28.4	58.4	150.1	304.1
Berkshire .. .. .	15.0	34.3	2.7	1.8	3.1	4.1	5.3	8.9	12.8	26.3	51.9	139.5	331.1
III.—SOUTH MIDLAND.													
Middlesex .. .. .	14.7	45.4	3.0	1.8	2.5	3.2	4.6	9.0	14.4	28.8	54.3	140.1	291.3
Hertfordshire .. .. .	16.3	34.4	2.8	1.8	3.6	4.5	5.8	8.8	14.9	29.3	61.5	145.7	286.3
Buckinghamshire .. .. .	15.5	33.8	3.0	2.2	3.1	3.4	5.0	7.5	12.3	24.7	55.1	165.3	296.5
Oxfordshire .. .. .	15.0	31.6	2.0	2.1	2.3	3.7	5.1	7.9	12.4	26.7	55.5	140.4	311.6
Northamptonshire .. .. .	15.5	42.1	3.0	1.9	3.3	4.8	5.0	8.3	12.4	24.6	55.5	143.1	266.7
Huntingdonshire .. .. .	16.6	33.7	2.2	2.3	1.9	3.4	5.5	7.9	10.2	23.2	51.8	168.8	243.9
Bedfordshire .. .. .	16.3	41.2	3.1	1.7	3.1	4.0	5.0	8.3	15.2	24.7	53.3	173.2	282.2
Cambridgeshire .. .. .	14.9	35.1	2.4	1.5	2.7	3.6	4.6	8.2	12.2	23.9	44.7	122.4	258.6
IV.—EASTERN.													
Essex .. .. .	16.8	51.2	3.6	2.0	3.4	3.8	5.5	9.7	15.1	29.8	54.8	134.7	266.6
Suffolk .. .. .	16.1	34.4	2.6	1.9	3.9	4.4	5.9	8.2	13.0	23.6	50.6	136.6	238.1
Norfolk .. .. .	16.6	43.9	3.2	2.3	2.9	4.2	5.3	7.9	11.9	21.3	47.0	124.1	258.6
V.—SOUTH WESTERN.													
Wiltshire .. .. .	16.4	34.2	2.5	1.9	2.7	4.4	5.5	9.7	13.2	23.7	61.9	147.2	369.0
Dorsetshire .. .. .	16.4	34.4	2.8	1.6	2.7	4.7	6.5	7.7	11.9	25.3	59.5	143.5	319.5
Devonshire .. .. .	17.6	43.8	2.6	2.0	3.5	5.0	6.6	9.6	14.2	27.3	55.1	132.3	294.3
Cornwall .. .. .	16.6	39.9	1.9	1.9	3.2	4.5	6.5	8.5	12.5	26.7	50.7	134.5	270.0
Somersetshire .. .. .	16.9	34.7	2.3	1.8	3.0	4.9	6.1	9.6	13.3	31.4	58.5	150.1	309.0
VI.—WEST MIDLAND.													
Gloucestershire .. .. .	17.8	47.1	3.3	2.1	3.3	4.8	6.1	10.2	15.8	30.6	61.0	146.9	285.8
Herefordshire .. .. .	17.2	32.6	3.4	1.5	2.7	4.7	5.7	8.2	13.4	26.3	66.9	148.3	273.8
Shropshire .. .. .	17.8	39.7	2.9	2.1	3.0	4.3	5.4	9.2	14.8	28.8	66.8	143.3	317.3
Staffordshire .. .. .	19.6	62.8	3.6	2.0	3.3	5.0	6.9	11.9	19.3	36.6	74.6	150.9	301.8
Worcestershire .. .. .	16.8	48.7	2.9	1.8	2.2	4.1	6.4	9.5	14.7	30.2	63.5	145.3	272.0
Warwickshire .. .. .	19.5	64.7	3.3	2.1	3.2	5.2	6.9	12.9	19.7	33.1	66.0	147.9	317.4
VII.—NORTH MIDLAND.													
Leicestershire .. .. .	17.1	52.4	4.2	2.0	3.1	4.6	5.6	9.4	15.3	27.5	60.3	141.9	282.7
Rutlandshire .. .. .	14.2	34.6	0.8	1.6	2.6	7.3	3.9	6.2	5.1	23.5	50.5	149.9	169.0
Lincolnshire .. .. .	17.0	47.3	3.0	1.9	3.4	4.9	5.7	8.4	11.8	24.4	54.0	134.3	279.6
Nottinghamshire .. .. .	18.8	63.5	3.5	1.8	3.7	4.2	6.3	10.6	16.3	28.1	64.2	146.0	262.4
Derbyshire .. .. .	16.8	50.9	3.0	1.9	3.3	4.7	5.4	9.2	15.3	30.6	69.6	158.2	287.8
VIII.—NORTH WESTERN.													
Cheshire .. .. .	17.8	54.8	3.6	2.1	3.1	4.7	6.8	10.9	16.5	34.4	72.6	156.2	282.8
Lancashire .. .. .	21.1	70.4	4.8	2.6	3.8	5.3	7.5	13.5	23.2	45.4	86.9	174.7	279.4
IX.—YORK.													
West Riding .. .. .	18.4	59.9	4.9	2.4	3.7	4.7	6.2	10.6	18.0	36.8	77.0	171.7	298.1
East Riding (with York) .. .. .	18.2	55.7	3.3	2.3	4.0	5.3	7.1	11.7	17.0	28.9	59.2	135.1	255.4
North Riding .. .. .	18.6	55.3	3.8	2.1	3.9	5.5	7.4	11.4	17.1	32.5	59.5	137.8	266.6
X.—NORTHERN.													
Durham .. .. .	19.4	63.3	4.4	2.6	4.3	6.0	7.3	11.3	16.6	35.9	73.5	160.7	277.7
Northumberland .. .. .	20.1	65.7	4.4	2.9	3.6	6.0	8.0	12.1	18.8	34.2	71.0	152.5	269.1
Cumberland .. .. .	15.4	38.0	3.0	2.3	3.7	4.7	5.9						



TABLE 17.—ENGLAND AND WALES—Deaths from Various Causes, 1880-99.—Persons.

CAUSES OF DEATH	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
ALL CAUSES .. .. .	528624	491935	516654	522997	530828	522750	537276	530758	510971	518353	562248	587925	559684	509958	498827	568997	526727	541487	552141	581799
MIASMATIC DISEASES.																				
Small-pox { Vaccinated.. .. .	648	652	176	78	493	580	25	42	91	4	4	3	55	150	153	33	45	6	107	4
Unvaccinated .. .. .		1068	325	162	595	795	43	111	269	2	—	17	106	253	176	61	118	5	59	5
No Statement .. .. .		1378	816	717	1146	1452	207	353	666	17	12	29	270	1054	491	129	378	14	87	165
Chicken-pox .. .. .	103	133	122	99	129	109	93	87	116	83	95	91	123	127	108	86	151	103	116	124
Measles† .. .. .	12328	7300	12711	9329	11324	14495	12013	16765	9784	14732	12614	12673	13553	11110	11757	11491	17618	12711	13220	9998
Epidemic Rose Rash† .. .. .	—	63	112	105	87	113	98	182	123	148	77	51	78	45	52	30	56	44	40	37
Scarlet Fever .. .. .	17404	14275	13732	12649	10863	6355	5986	7859	6378	6698	6974	4959	5618	6982	5032	4532	5476	4577	3548	3722
Typhus* .. .. .	530	552	940	877	328	318	245	211	160	137	151	137	85	137	115	58	71	49	47	29
Relapsing Fever .. .. .	21	15	13	16	12	10	7	9	8	3	3	11	7	9	7	7	2	2	3	—
Influenza .. .. .	171	99	90	107	72	138	83	85	92	55	4523	16686	15737	9669	6625	12880	3753	6088	10405	12417
Whooping-cough .. .. .	13662	10830	15259	10471	11476	13106	12936	11251	12287	12225	13756	13612	13406	10176	12354	9594	13266	11431	10175	10129
Mumps .. .. .	82	106	90	86	57	95	73	87	86	79	78	77	84	77	61	54	77	85	59	72
Diphtheria .. .. .	2810	3153	3992	4218	5020	4471	4098	4443	4815	5368	5150	5036	8552	9466	8774	7895	8993	7654	7661	9295
Cerebro-spinal Fever .. .. .	43	34	42	38	32	27	40	24	18	23	38	31	29	13	23	23	11	10	11	21
Simple and Ill-defined Fever*† .. .. .	1490	1159	1016	963	768	662	605	507	436	413	361	325	244	265	203	157	164	120	136	113
Enteric Fever† .. .. .	6710	5529	6036	6078	6380	4765	5061	5155	4848	5011	5146	4875	4037	6801	4781	5326	5125	4851	5708	6304
Other Miasmatic Diseases* .. .. .	2	—	2	4	3	3	1	1	—	2	4	19	23	12	7	18	20	24	27	29
DIARRHOEAL DISEASES.																				
Cholera .. .. .	797	317	351	392	805	308	536	462	220	330	408	309	438	1351	250	840	564	952	1103	1213
Diarrhoea, Dysentery .. .. .	30185	14536	17185	15933	26412	13398	24748	20242	12839	18434	17429	13653	14898	28370	10513	26552	16824	26099	28993	29758
MALARIAL DISEASES.																				
Remittent Fever† .. .. .	76	249	246	194	177	138	127	93	81	77	68	40	29	38	18	31	23	9	12	5
Ague .. .. .	91	113	99	94	99	89	88	100	78	81	78	93	81	82	70	78	83	109	79	89
ZOOGENOUS DISEASES.																				
Hydrophobia .. .. .	29	34	28	34	28	60	26	29	14	30	8	7	6	4	13	20	8	6	2	—
Glanders .. .. .	3	4	3	2	2	5	5	6	2	8	3	4	5	6	2	3	1	6	4	5
Anthrax, Splenic Fever .. .. .	18	9	15	8	18	11	11	11	12	7	4	3	6	7	10	13	9	18	18	21
Cow-pox and other Effects of Vaccination* .. .. .	41	58	65	55	53	52	45	45	45	58	43	43	58	59	50	56	42	36	26	34
VENEREAL DISEASES.																				
Syphilis* .. .. .	2160	2097	2227	2313	2280	2196	2231	2064	1927	2053	2056	1964	2041	2154	2011	2099	1832	1879	1801	1793
Gonorrhoea, Stricture of Urethra .. .. .	281	237	251	257	291	256	294	294	285	275	276	343	306	303	322	331	352	379	335	344
SEPTIC DISEASES.																				
Phagedæna*† .. .. .	—	66	73	71	69	65	46	39	73	50	42	54	52	78	44	66	36	53	45	38
Erysipelas* .. .. .	2014	2314	2435	2166	2145	1996	1523	1853	1635	1209	1375	1263	1474	1921	1353	1099	1101	1014	970	1227
Pyæmia, Septicæmia .. .. .	646	646	544	512	564	484	375	345	392	312	362	323	342	384	307	309	301	299	251	336
Puerperal Fever .. .. .	1659	2287	2564	2616	2468	2420	2078	2450	2386	1852	1956	1973	2356	3023	2167	1849	2053	1836	1707	1908

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\* Diseases affected by changes of classification in 1881 which have been completely carried out for previous years (see the Registrar-General's Report for 1894, pp. lxxiv-lxxix).  
 † Diseases affected by changes of classification in 1881 which could not be completely carried out for previous years (see the Registrar-General's Report for 1894, pp. lxxiv-lxxix).

TABLE 18.—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Persons.  
 (Decimals are omitted, the nearest whole number being taken. When the Deaths from any Cause are too few to give a rate of 0.5, a cipher is inserted.)

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
ALL CAUSES .. .. .	20501	18887	19619	19642	19663	19204	19521	19073	18111	18221	19547	20216	18982	19170	16594	18727	17101	17436	17586	18329
MIASMATIC DISEASES.																				
Small-pox { Vaccinated .. .. .	25	25	7	3	18	21	1	2	3	0	0	0	2	5	5	1	1	0	3	0
Unvaccinated .. .. .		41	12	6	22	29	2	4	10	0	—	1	4	9	6	2	4	0	2	0
No Statement .. .. .		53	31	27	42	53	8	13	24	1	0	1	9	35	16	4	13	1	3	5
Chicken-pox .. .. .	4	5	5	4	5	4	3	3	4	3	3	3	4	4	4	3	5	3	4	4
Measles† .. .. .	478	280	483	350	419	533	436	602	347	518	439	436	460	374	391	378	572	409	421	315
Epidemic Rose Rash† .. .. .	—	2	4	4	3	4	4	7	4	5	3	2	3	2	2	1	2	1	1	1
Scarlet Fever .. .. .	675	548	521	475	402	233	218	282	226	235	242	171	190	235	167	149	178	147	113	117
Typhus* .. .. .	21	21	36	33	12	12	9	8	6	5	5	5	3	5	4	2	2	2	1	1
Relapsing Fever .. .. .	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—
Influenza .. .. .	7	4	3	4	3	5	3	3	3	2	157	574	534	325	220	424	122	196	331	391
Whooping-cough .. .. .	530	415	579	393	425	481	470	404	436	430	478	468	455	342	411	316	431	368	324	319
Mumps .. .. .	3	4	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	3	2	2
Diphtheria .. .. .	109	121	152	158	186	164	149	160	171	189	179	173	222	318	292	260	292	246	244	293
Cerebro-spinal Fever .. .. .	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
Simple and Ill-defined Fever*† .. .. .	58	44	39	36	28	24	22	18	15	15	13	11	8	9	7	5	5	4	4	4
Enteric Fever† .. .. .	261	212	229	228	236	175	184	185	172	176	179	168	137	229	159	175	166	156	182	199
Other Miasmatic Diseases* .. .. .	0	—	0	0	0	0	0	0	—	0	0	1	1	0	0	1	1	1	1	1
DIARRHOEAL DISEASES.																				
Cholera .. .. .	31	12	13	15	30	11	19	17	8	12	14	11	15	45	8	28	18	31	35	38
Diarrhoea, Dysentery .. .. .	1171	558	653	598	978	492	899	727	455	648	606	469	505	954	350	874	546	840	923	937
MALARIAL DISEASES.																				
Remittent Fever† .. .. .	3	10	9	7	7	5	5	3	3	3	2	1	1	1	1	1	1	0	0	0
Ague .. .. .	4	4	4	4	4	3	3	4	3	3	3	3	3	3	2	3	3	4	3	3
ZOOGENOUS DISEASES.																				
Hydrophobia .. .. .	1	1	1	1	1	2	1	1	0	1	0	0	0	0	0	1	0	0	0	—
Glanders .. .. .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthrax, Splenic Fever .. .. .	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Cow-pox and other Effects of Vaccination* .. .. .	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	1
VENEREAL DISEASES.																				
Syphilis* .. .. .	84	81	85	87	84	81	81	74	68	72	71	67	69	72	67	69	59	61	57	56
Gonorrhoea, Stricture of Urethra .. .. .	11	9	10	10	11	9	11	11	10	10	10	1								



TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Persons

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
PARASITIC DISEASES.																				
Thrush .. .. .	1276	808	723	845	853	692	810	655	539	554	558	534	479	434	339	397	330	258	291	275
Other Diseases from Vegetable Parasites* .. .	6	8	12	4	4	4	6	6	7	4	5	2	3	9	3	8	6	15	9	3
Hydatid Disease .. .	60	51	59	53	59	46	58	47	54	47	53	46	48	58	52	61	56	71	64	61
Other Dis. from Animal Parasites*	181	152	175	137	133	87	116	116	109	102	86	76	87	76	61	64	46	49	39	50
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	705	468	465	470	301	269	247	301	308	310	284	331	334	418	284	308	328	361	364	375
Scurvy† .. .	—	23	15	10	6	19	17	22	20	22	21	20	20	18	23	34	20	34	26	34
Intemp. { Chronic Alcoholism .. .	676	847	1004	904	916	940	1045	1102	1125	1202	1563	1502	1542	1709	1467	1663	1775	1960	2027	2359
{ Delirium Tremens .. .	274	366	319	379	353	394	347	340	326	364	474	553	429	465	375	382	413	437	437	512
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheumatism of Heart* .. .	1902	2429	2590	2357	2714	2912	2530	2650	2697	2258	2418	2547	2523	3085	2646	2257	2677	2527	2415	2647
Rheumatism*† .. .	1452	967	930	1015	873	868	867	981	942	897	938	1067	1029	878	799	888	850	914	905	923
Gout† .. .	644	497	522	524	535	587	524	573	558	545	604	653	600	619	565	606	579	570	522	559
Rickets .. .	554	465	493	529	607	608	788	660	842	960	1124	1244	1321	1245	1230	1617	1233	1427	1396	1335
Cancer*† .. .	13165	13542	14057	14614	15198	15560	16243	17113	17506	18654	19433	20117	20353	21135	21422	22945	23521	24443	25196	26325
Tabes Mesenterica .. .	9536	7402	8246	7683	8367	6825	8265	7034	6774	7645	7632	7301	7135	7867	5763	7389	6044	6255	6357	6294
Tubercular Meningitis (Acute) Hydrocephalus† .. .	8514	7176	6959	6986	7124	6874	7073	6581	6743	6647	6889	7180	6691	6725	6345	6746	6475	6606	6681	6449
Phthisis .. .	48201	47541	48715	50053	49325	48175	47872	44935	44248	44738	48366	46515	43323	43632	41641	42490	40251	41642	41335	42408
Other Forms of Tuberculosis, Scrofula* .. .	3327	3785	4040	4268	4592	4284	4865	4971	4917	5205	5443	5911	5866	5518	5552	6084	5521	5438	5766	5508
Purpura, Hæmorrhagic Diathesis*† .. .	300	318	373	338	351	307	327	303	299	375	294	378	316	361	369	361	334	340	374	332
Anæmia, Chlorosis, Leucocythæmia* .. .	994	971	1113	1062	1027	1102	1267	1315	1479	1432	1389	1558	1549	1524	1620	1883	1840	1849	1824	1866
Diabetes Mellitus .. .	1059	1237	1253	1369	1475	1524	1634	1750	1773	1754	1863	1930	2011	2082	2037	2265	2286	2426	2585	2718
Other and undefined Constitutional Diseases*† .. .	1	379	393	405	434	457	496	538	554	557	637	707	703	718	656	797	799	847	909	1057
DEVELOPMENTAL DISEASES.																				
Premature Birth .. .	12266	12048	12434	12872	13076	12904	13642	14088	14063	14439	15208	16451	16577	17263	15837	17508	17384	17779	18352	18548
Atelectasis† .. .	—	628	690	602	543	674	667	707	825	745	757	922	939	986	969	1079	1235	1075	1147	1199
Cyanosis .. .	1013	917	945	924	947	1066	1037	885	885	963	943	942	1072	983	1096	1038	1059	1096	1076	1150
Spina Bifida .. .	621	621	647	596	627	639	607	655	611	609	569	632	644	637	630	661	690	658	648	722
Imperforate Anus .. .	211	194	205	209	288	192	185	181	171	188	161	198	182	175	197	162	161	182	188	175
Cleft Palate, Harelip .. .	176	195	189	208	198	190	200	192	197	205	180	218	203	227	216	248	217	214	238	212
Other Congenital Defects* .. .	254	269	268	203	249	288	314	294	345	311	400	376	402	560	468	462	446	471	467	480
Old Age .. .	25823	26372	25765	28096	26879	27971	28451	26931	27196	26639	28102	29417	27866	26528	24517	29842	26168	28618	28698	31477

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 18 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
PARASITIC DISEASES.																				
Thrush .. .	49	31	27	32	32	25	29	24	19	19	19	18	16	15	11	13	11	8	9	9
Other Diseases from Vegetable Parasites* .. .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydatid Disease .. .	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Other Dis. from Animal Parasites*	7	6	7	5	5	3	4	4	4	4	3	3	3	3	2	2	1	2	1	2
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	27	18	18	18	11	10	9	11	11	11	10	11	11	14	9	10	11	12	12	12
Scurvy† .. .	—	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Intemp. { Chronic Alcoholism .. .	26	33	38	34	34	35	38	40	40	42	54	52	52	57	49	55	58	63	65	74
{ Delirium Tremens .. .	11	14	12	14	13	14	13	12	12	13	16	19	15	16	12	13	13	14	14	16
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheumatism of Heart* .. .	74	93	98	89	101	107	92	95	96	79	84	88	86	104	88	74	87	81	77	83
Rheumatism*† .. .	56	37	35	38	32	32	32	35	33	32	33	37	35	30	27	29	28	29	29	29
Gout† .. .	25	19	20	20	20	22	19	21	20	19	21	22	20	21	19	20	19	18	17	18
Rickets .. .	21	18	19	20	22	22	29	24	30	34	39	43	45	42	41	53	40	46	44	42
Cancer*† .. .	511	520	534	549	563	572	590	615	621	656	676	692	690	711	713	755	764	787	802	820
Tabes Mesenterica .. .	370	284	313	289	310	251	300	253	240	269	265	251	242	265	192	243	196	201	202	198
Tubercular Meningitis (Acute) Hydrocephalus† .. .	330	276	264	262	264	253	257	236	239	234	240	247	227	226	211	222	210	213	213	203
Phthisis .. .	1869	1825	1850	1880	1827	1770	1739	1615	1568	1573	1682	1599	1468	1468	1385	1398	1307	1341	1317	1336
Other Forms of Tuberculosis, Scrofula* .. .	129	145	153	160	170	157	177	179	174	183	189	203	199	186	185	200	179	175	184	174
Purpura, Hæmorrhagic Diathesis*† .. .	12	12	14	13	13	11	12	11	11	13	10	13	11	12	12	12	11	11	12	10
Anæmia, Chlorosis, Leucocythæmia* .. .	39	37	42	40	38	40	46	47	52	50	48	54	53	51	54	62	60	60	58	59
Diabetes Mellitus .. .	41	47	48	51	55	56	59	63	63	62	65	66	68	70	68	75	74	78	82	86
Other and undefined Constitutional Diseases*† .. .	0	15	15	15	16	17	18	19	20	20	22	24	24	24	22	26	26	27	29	33
DEVELOPMENTAL DISEASES.																				
Premature Birth .. .	476	463	472	483	484	474	495	506	498	508	520	566	562	581	527	576	564	573	585	584
Atelectasis† .. .	—	24	26	23	20	25	24	25	29	26	26	32	32	33	32	36	40	35	37	38
Cyanosis .. .	39	35	35	35	39	38	32	31	34	33	33	32	37	33	36	34	34	35	34	36
Spina Bifida .. .	24	24	25	22	23	22	22	24	22	21	20	22	22	21	21	22	22	21	21	23
Imperforate Anus .. .	8	7	8	8	11	7	7	7	7	7	6	7	6	6	7	5	5	6	6	6
Cleft Palate, Harelip .. .	7	7	7	8	7	7	7	7	7	7	6	7	7	8	7	8	7	7	8	7
Other Congenital Defects* .. .	10	10	10	8	9	11	11	11	12	11	14	13	14	19	16	15	14	15	15	15
Old Age .. .	1001	1013	978	1055	996	1028	1034	968	964	936	977	1011	944	892	816	982	850	921	914	992

\* See note



TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF NERVOUS SYSTEM.</b>																				
Inflammation of Brain or its Membranes*†	7740	7306	8122	8490	8625	8526	9309	8924	8689	8561	9030	8455	7832	8108	6893	7561	7284	7429	7556	7555
Apoplexy†	14287	13352	13493	14442	14737	15289	16085	15951	16127	15926	16870	17861	17128	16949	16097	17227	17164	17837	18002	19012
Softening of Brain	3285	3235	3249	3142	3264	3385	3472	3461	3264	3299	3464	3275	3123	3023	2609	2748	2550	2489	2583	2546
Hemiplegia, Brain Paralysis*†	11773	10046	10035	10142	9455	9271	9434	9164	8886	8497	8713	8551	7941	7548	6487	7300	6474	6534	6273	6237
Paralysis Agitans*	131	182	137	153	169	224	209	152	200	213	259	299	258	267	256	313	276	288	341	388
Insanity, General Paralysis of Insane†	1683	2493	2367	2988	2865	2704	2367	2473	2591	2750	2666	2795	2678	2961	3024	3620	3379	3703	3582	3811
Chorea	84	106	109	103	113	146	104	106	106	95	106	134	109	127	122	126	124	144	151	172
Epilepsy*	2721	2774	2693	3134	3136	3164	3164	2984	2900	2915	3045	3054	2809	2811	2555	2826	2581	2528	2658	2746
Convulsions	23503	22200	23021	22677	23056	22002	22873	21659	20764	21505	21535	22222	20687	20856	18126	20484	18347	18384	18165	18019
Laryngismus Stridulus	754	687	702	836	769	729	709	692	757	680	653	802	711	604	493	600	520	512	502	435
Idiopathic Tetanus	33	61	47	51	42	42	51	42	51	50	39	47	45	32	28	30	28	26	29	24
Paraplegia, Dis. of Spinal Cord*†	796	1398	1543	1495	1573	1709	1922	1845	1895	1899	2001	2139	2037	2035	2080	2269	2070	2206	2250	2416
Other and undefined Diseases of Brain or Nervous System*†	2985	3910	4309	4690	4502	4429	4318	4470	4519	3913	3338	3383	3138	3438	2866	3124	2832	2665	2554	2568
<b>DISEASES OF ORGANS OF SPECIAL SENSE.</b>																				
Otitis, Otorrhœa	282	359	453	343	391	415	409	408	516	509	589	567	614	771	733	828	832	905	895	904
Epistaxis and Dis. of Nose	71	73	70	89	78	69	89	93	88	82	72	85	86	95	88	76	95	91	82	76
Ophthalmia and Dis. of Eye	61	60	59	50	60	60	70	82	68	73	53	48	55	64	65	72	57	66	50	53
<b>DISEASES OF CIRCULATORY SYSTEM.</b>																				
Endocarditis, Valvular Disease*†	284	5369	5509	5901	6238	6770	7088	7339	7616	7662	8356	9238	8772	9130	9315	10072	10220	10644	11059	12118
Pericarditis*	434	399	415	456	448	480	476	515	567	431	636	668	608	662	607	527	550	554	535	604
Hypertrophy of Heart	461	365	328	391	386	372	339	299	343	305	280	341	300	255	218	256	213	197	206	247
Angina Pectoris	523	511	558	567	632	606	575	608	694	678	662	727	650	639	646	696	708	714	642	698
Syncope	2262	1214	1292	1281	1691	1411	1563	1837	1713	1861	2487	2656	1884	1618	1564	1831	1609	1613	1471	1224
Aneurism	832	779	791	758	834	853	874	755	782	824	833	750	810	855	851	849	840	879	839	899
Senile Gangrene	622	741	740	1175	1211	1366	1474	1430	1455	1424	1433	1568	1408	1239	1281	1331	1187	1284	1257	1278
Embolism, Thrombosis	593	615	645	640	714	801	873	956	1043	1072	993	1050	1023	1144	1110	1277	1345	1309	1359	1544
Phlebitis	118	127	130	128	138	157	120	181	126	130	148	164	169	170	125	135	153	148	161	180
Varicose Veins*	88	75	104	83	86	91	84	88	93	101	89	107	110	111	99	81	100	104	97	89
Other and undefined Diseases of Heart or Circulatory System*†	29266	25487	25726	27852	28289	31004	31866	32363	33389	32862	34627	35816	33914	32635	31004	34237	31425	32797	32816	35289

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 18 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF NERVOUS SYSTEM.</b>																				
Inflammation of Brain or its Membranes*†	300	281	308	319	319	313	338	321	308	301	314	291	266	273	229	249	236	239	241	238
Apoplexy†	554	513	512	542	546	562	584	573	571	560	587	614	581	570	535	567	557	574	573	599
Softening of Brain	127	124	123	118	121	124	126	124	116	116	120	113	106	102	87	90	83	80	82	80
Hemiplegia, Brain Paralysis*†	457	386	381	381	350	341	343	329	315	299	303	294	269	254	216	240	210	210	200	196
Paralysis Agitans*	5	7	5	6	6	8	8	5	7	7	9	10	9	9	10	10	9	9	11	12
Insanity, General Paralysis of Insane†	65	96	90	112	106	99	86	89	92	97	93	96	91	100	101	119	110	119	114	120
Chorea	3	4	4	4	4	5	4	4	4	3	4	5	4	4	4	4	4	5	5	5
Epilepsy*	106	107	102	118	116	116	115	107	103	102	106	105	95	95	85	93	84	81	85	87
Convulsions	912	852	874	852	854	808	831	778	736	756	749	763	701	701	603	674	596	592	579	568
Laryngismus Stridulus	29	26	27	31	28	27	26	25	27	24	23	28	24	20	16	20	17	16	16	14
Idiopathic Tetanus	1	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1
Paraplegia, Dis. of Spinal Cord*†	31	54	59	56	58	63	70	66	67	67	70	74	69	68	69	75	67	71	72	76
Other and undefined Diseases of Brain or Nervous System*†	116	150	164	176	167	163	157	161	160	137	116	116	106	116	95	103	92	86	81	81
<b>DISEASES OF ORGANS OF SPECIAL SENSE.</b>																				
Otitis, Otorrhœa	11	14	17	13	14	15	15	15	18	18	20	19	21	26	24	27	27	29	29	28
Epistaxis and Dis. of Nose	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
Ophthalmia and Dis. of Eye	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2
<b>DISEASES OF CIRCULATORY SYSTEM.</b>																				
Endocarditis, Valvular Disease*†	11	206	209	222	231	249	258	264	270	269	290	318	297	307	310	332	332	343	352	382
Pericarditis*	17	15	16	17	17	18	17	19	20	15	22	23	21	22	20	17	18	18	17	19
Hypertrophy of Heart	18	14	12	15	14	14	12	11	12	11	10	12	10	9	7	8	7	6	7	8
Angina Pectoris	20	20	21	21	23	22	21	22	25	24	23	25	22	22	21	23	23	23	20	22
Syncope	88	47	49	48	63	52	57	66	61	65	86	91	64	54	52	60	52	52	47	39
Aneurism	32	30	30	28	31	31	32	27	28	29	29	26	27	29	28	28	27	28	28	28
Senile Gangrene	24	28	28	44	45	50	54	51	52	50	50	54	48	42	43	44	39	41	40	40
Embolism, Thrombosis	23	24	24	24	26	29	32	34	37	35	35	36	35	37	37	42	44	42	43	49
Phlebitis	5	5	5	5	5	6	4	7	4	5	5	6	6	6	4	4	5	5	5	6
Varicose Veins*	3	3	4	3	3	3	3	3	3	4	3	4	4	4	3	3	3	3	3	3
Other and undefined Diseases of Heart or Circulatory System*†	1135	979	977	1046	1048	1139	1158	1163	1183	1155	1204	1231	1150	1098	1031	1127	1020	1056	1045	1112

\* See note \*, p. lxxiv.

† See note †, page lxxiv.

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TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Persons.

CAUSES OF DEATH	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF RESPIRATORY SYSTEM.</b>																				
Laryngitis* .. .. .	1022	1160	1444	1499	1650	1597	1440	1605	1590	1438	1556	1402	1400	1651	1392	1372	1428	1284	1189	1323
Croup .. .. .	3571	3594	4609	4591	4748	4235	3685	3979	3632	3241	3145	2638	2235	2102	1742	1647	1578	1099	863	1006
Other Diseases of Larynx and Trachea* .. .. .	55	223	234	218	235	159	174	183	198	181	172	137	166	154	133	126	139	132	126	124
Emphysema, Asthma .. .. .	2145	2696	2450	2689	2368	2581	2434	2475	2388	2236	2554	3054	2882	2324	2150	2617	2130	2242	2354	2819
Bronchitis .. .. .	57939	55870	57853	58794	53410	60963	61438	58908	57571	55674	67104	75425	66858	56686	49356	59901	47417	46839	46621	51206
Pneumonia .. .. .	25166	23702	26058	28195	26246	29376	28098	30983	30844	29071	40373	42799	36891	38247	32577	35609	35405	34835	35462	39845
Pleurisy .. .. .	1310	1334	1312	1584	1454	1677	1467	1611	1559	1321	1891	2005	1710	1837	1471	1537	1536	1493	1498	1645
Other and undefined Diseases of Respiratory System*†	5530	4314	4525	4886	4848	5359	5156	5127	4639	4204	4847	5306	4629	4246	3691	4339	3857	3814	3553	3868
<b>DISEASES OF DIGESTIVE SYSTEM.</b>																				
Stomatitis (Dis. of Mouth)*†	508	374	449	450	583	482	535	536	484	628	488	479	484	686	518	635	504	482	534	487
Dentition .. .. .	4124	4550	4673	4762	4942	4653	4899	4219	4235	4366	4542	4661	4242	4057	3553	4193	3721	3728	3542	3396
Sore-throat, Quinsy* .. .. .	396	579	629	747	727	654	604	684	564	584	696	674	611	702	562	580	612	533	545	588
Dyspepsia* .. .. .	426	403	484	477	507	447	520	528	457	535	536	535	590	647	597	362	211	246	161	106
Hæmatemesis .. .. .	348	343	358	431	405	379	330	338	335	362	344	297	261	285	234	274	259	295	257	273
Melæna .. .. .	130	126	137	155	169	173	184	178	140	131	119	132	133	134	100	120	127	143	109	108
Diseases of Stomach*†	1037	2555	2548	2458	2768	2800	3437	3424	3329	3476	3917	3983	4057	4668	4329	4953	4827	5019	5288	5629
Enteritis* .. .. .	3036	2720	2974	2888	3240	2979	3949	3651	3621	4555	5165	5179	5633	8654	5946	10600	9756	13267	16214	5557
Gastro-Enteritis .. .. .	1225	409	410	697	689	644	570	423	366	466	322	340	347	328	338	377	367	337	365	345
Ulceration of Intestine†	1806	1767	1812	1770	1818	1919	1912	1907	2017	1996	2012	2064	1924	2083	2067	2147	2170	2228	2200	2215
Ileus, Obstruction of Intestine .. .. .	449	226	232	239	206	238	234	205	181	208	163	173	157	158	143	174	115	169	156	144
Stricture or Strangulation of Intestine†	497	411	407	425	444	446	463	407	451	478	378	447	394	442	400	470	369	397	389	457
Intussusception of Intestine .. .. .	1153	1123	1141	1108	1131	1149	1207	1211	1197	1315	1220	1256	1294	1395	1217	1312	1249	1304	1325	1479
Hernia .. .. .	101	65	73	125	131	112	123	113	93	98	77	77	76	51	64	63	80	53	70	52
Fistula .. .. .	2154	2028	2015	2285	2393	2362	2333	2370	2422	2374	2502	2594	2294	2575	2092	2172	2064	1975	1985	1994
Peritonitis .. .. .	453	415	436	425	355	340	325	268	226	239	242	187	153	175	134	165	161	138	137	150
Ascites .. .. .	194	231	222	203	208	212	210	316	280	289	329	265	295	316	449	480	437	447	470	488
Gallstones .. .. .	2792	3013	3047	3183	3360	3324	3505	3341	3362	3431	3563	3641	3609	3584	3473	3591	3782	4134	4146	4532
Cirrhosis of Liver .. .. .	6755	6299	6415	6082	6045	5921	5823	5445	5051	4876	4586	4469	4044	4118	3470	3491	3395	3140	3057	3031
Other Diseases of Liver* .. .. .	1940	1114	1181	1021	748	553	570	601	863	715	796	718	613	715	611	487	535	533	475	398
Other and undefined Diseases of Digestive System*†																				
<b>DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.</b>																				
Diseases of Spleen .. .. .	146	118	117	142	112	138	131	102	104	132	98	93	94	101	75	69	60	73	58	53
Diseases of Lymphatic System*	50	215	225	121	171	203	219	190	229	230	223	244	284	255	271	288	274	286	316	310
Diseases of Thyroid Body .. .. .	80	91	114	89	117	111	123	141	137	152	174	163	174	237	195	215	230	245	295	312
Diseases of Supra-Renal Cap- sules .. .. .	117	105	133	149	127	147	167	157	148	136	169	138	146	154	153	172	194	181	197	206

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 18 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF RESPIRATORY SYSTEM.</b>																				
Laryngitis* .. .. .	40	45	55	56	61	59	52	58	56	51	54	48	47	56	46	45	46	41	38	42
Croup .. .. .	138	138	175	172	176	156	134	143	129	114	109	91	76	71	58	54	51	35	27	32
Other Diseases of Larynx and Trachea* .. .. .	2	9	9	8	9	6	6	7	7	6	6	5	6	5	4	4	5	4	4	4
Emphysema, Asthma .. .. .	83	104	93	101	88	95	88	89	85	79	89	105	98	78	86	69	72	72	75	89
Bronchitis .. .. .	2247	2145	2197	2208	1978	2240	2232	2117	2041	1957	2333	2593	2267	1906	1642	1972	1539	1508	1485	1613
Pneumonia .. .. .	976	910	989	1059	972	1079	1021	1113	1093	1022	1404	1472	1251	1286	1084	1172	1149	1122	1120	1255
Pleurisy .. .. .	51	51	50	59	54	62	53	58	55	46	66	69	58	62	49	51	50	48	48	52
Other and undefined Diseases of Respiratory System*†	215	166	172	183	180	197	187	184	164	148	169	182	157	143	123	143	125	123	113	122
<b>DISEASES OF DIGESTIVE SYSTEM.</b>																				
Stomatitis (Dis. of Mouth)*†	20	14	17	17	22	18	19	19	17	22	17	16	16	23	17	21	16	16	17	15
Dentition .. .. .	160	175	177	170	183	171	178	152	150	153	158	160	144	136	118	138	121	120	113	107
Sore-throat, Quinsy* .. .. .	15	22	24	28	27	24	22	25	20	21	24	23	21	24	19	19	20	17	17	19
Dyspepsia* .. .. .	17	15	18	18	19	16	19	19	16	19	19	18	20	22	20	12	7	8	5	3
Hæmatemesis .. .. .	13	13	14	16	15	14	12	12	12	13	12	10	9	10	8	9	8	10	8	9
Melæna .. .. .	5	5	5	6	6	6	7	6	5	5	4	5	5	5	3	4	4	5	3	3
Diseases of Stomach*†	40	98	97	92	103	103	125	123	118	122	136	137	138	156	144	163	157	162	168	177
Enteritis* .. .. .	118	104	113	108	120	109	143	131	128	160	180	178	191	290	198	349	317	427	516	431
Gastro-Enteritis .. .. .	48	16	16	26	26	24	21	15	13	16	11	12	12	11	11	12	12	11	12	11
Ulceration of Intestine†	70	68	69	66	67	71	69	69	72	70	70	71	65	70	69	71	70	72	70	70
Ileus, Obstruction of Intestine .. .. .	17	9	9	9	8	9	9	7	6	7	6	6	5	5	5	6	4	5	5	5
Stricture or Strangulation of Intestine†	19	16	15	16	16	16	17	15	16	17	13	15	13	15	13	15	12	13	12	14
Intussusception of Intestine .. .. .	45	43	43	42	42	42	44	44	42	46	42	43	44	47	40	43	41	42	42	47
Hernia .. .. .	4	2	3	5	5	4	4	4	3	3	3	3	3	2	2	2	3	2	2	2
Fistula .. .. .	84	78	77	85	89	87	85	85	86	83	87	89	78	87	70	71	67	64	63	63
Peritonitis .. .. .	18	16	17	16	13	12	12	10	8	8	8	6	5	6	4	5	5	4	4	5
Ascites .. .. .	8	9	8	8	8	8	11	10	10	11	9	10	11	15	16	14	14			



TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF URINARY SYSTEM.</b>																				
Acute Nephritis .. .. .	1116	1093	1103	1219	1177	1226	1193	1231	1443	1376	1626	1800	1861	1912	1902	2060	2089	2266	2303	2454
Bright's Disease, Albuminuria..	4842	5103	5489	6200	6297	6538	6839	6848	6941	7069	7319	7529	7378	7590	7531	8251	8023	8234	8537	9203
Uræmia .. .. .	439	447	463	441	473	463	500	429	487	497	489	526	499	510	416	414	409	447	440	408
Suppression of Urine .. .. .	126	130	148	180	139	135	160	119	122	112	110	111	95	106	92	83	78	75	65	56
Calculus .. .. .	229	235	254	249	226	214	260	255	259	242	251	237	230	241	245	241	223	272	269	245
Hæmaturia .. .. .	145	145	182	147	161	153	145	144	137	104	124	131	100	102	95	92	77	73	79	64
Dis. of Bladder and of Prostate*	1691	1856	1772	2088	2020	2094	2107	2042	2073	2123	2060	2171	2147	2117	2016	2298	2199	2335	2206	2321
Other and undefined Diseases } of Urinary System* .. .	997	911	993	1422	1431	1263	1190	1332	1105	1009	985	1073	932	842	647	678	603	638	699	623
<b>DISEASES OF ORGANS OF GENERATION.</b>																				
Ovarian Disease* .. .. .	384	591	542	572	598	567	589	600	558	498	494	536	499	506	435	500	456	457	447	446
Diseases of Uterus and Vagina*†	743	701	647	669	683	700	680	678	614	617	648	648	675	723	734	688	710	745	682	709
Disorders of Menstruation*	84	98	98	91	94	73	63	85	84	81	87	77	63	71	76	91	73	74	65	88
Pelvic Abscess .. .. .	62	115	106	99	175	154	158	164	165	155	159	135	101	64	61	55	63	59	58	64
Perineal Abscess .. .. .	35	34	23	39	36	47	23	51	54	41	26	28	23	37	25	17	20	12	19	14
Dis. of Testes, Penis, Scrotum, &c.*	71	68	92	57	78	91	73	57	72	54	73	69	73	77	65	83	58	81	72	71
<b>DISEASES OF PARTURITION.</b>																				
Abortion, Miscarriage .. .. .	82	168	169	83	96	104	107	80	88	88	185	228	255	161	160	180	215	191	187	179
Puerperal Mania .. .. .	83	100	109	101	114	97	71	84	70	87	87	105	77	83	76	65	77	74	59	74
Puerperal Convulsions .. .. .	381	391	407	329	352	412	335	336	362	313	296	373	333	376	350	325	358	314	386	347
Placenta Prævia, Flooding ..	721	763	743	794	762	852	774	738	763	726	700	778	806	803	780	710	701	694	660	691
Phlegmasia Dolens .. .. .	68	76	77	85	112	114	82	71	71	57	60	96	83	71	90	78	70	62	60	65
Other and undefined Accidents } of Childbirth* .. .	498	442	455	500	443	450	430	401	420	462	971	1234	1284	1433	1152	1012	1087	1079	1015	1062
<b>DISEASES OF ORGANS OF LOCOMOTION.</b>																				
Caries, Necrosis* .. .. .	973	991	1007	1127	1094	1102	1141	1055	1007	1072	1012	1023	981	942	934	898	859	876	787	785
Arthritis, Ostitis, Periostitis ..	154	161	170	209	152	229	224	184	246	213	256	254	263	294	277	286	263	272	255	299
Other and undefined Diseases } of Organs of Locomotion* ..	1553	1258	1254	1375	1230	1182	1168	1295	1138	1111	1015	898	682	524	492	514	425	418	353	373
<b>DISEASES OF INTEGUMENTARY SYSTEM.</b>																				
Carbuncle .. .. .	235	184	161	187	154	180	164	172	151	160	161	175	169	149	118	146	145	159	157	162
Phlegmon, Cellulitis* .. .. .	383	180	220	232	286	286	266	255	310	234	324	295	376	457	370	372	409	427	406	478
Lupus .. .. .	68	63	64	72	74	63	73	75	80	70	69	78	78	57	62	68	66	54	53	61
Ulcer, Bed sore* .. .. .	547	562	539	608	572	541	591	605	579	544	548	538	555	575	562	571	502	560	540	534
Eczema .. .. .	330	311	376	359	406	395	410	351	372	388	394	429	418	460	386	405	380	373	397	354
Pemphigus .. .. .	59	62	97	75	75	71	89	96	106	101	106	123	105	135	122	146	161	142	147	157
Other and undefined Diseases } of Integumentary System* ..	217	225	205	223	251	211	215	201	194	184	192	178	200	214	207	246	241	187	208	220

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 18 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF URINARY SYSTEM.</b>																				
Acute Nephritis .. .. .	43	42	42	46	44	45	43	44	51	48	57	62	63	64	63	68	68	73	73	77
Bright's Disease, Albuminuria..	188	196	208	233	233	240	248	246	246	248	254	259	250	256	251	272	260	265	272	290
Uræmia .. .. .	17	17	18	17	18	17	18	15	17	17	17	18	17	17	14	14	13	14	14	13
Suppression of Urine .. .. .	5	5	6	7	5	5	6	4	4	4	4	4	3	4	3	3	3	2	2	2
Calculus .. .. .	9	9	10	9	8	8	9	9	9	8	9	8	8	8	8	8	7	9	9	8
Hæmaturia .. .. .	6	6	7	6	6	6	5	5	5	4	4	5	3	3	3	3	2	2	3	2
Dis. of Bladder and of Prostate*	66	71	67	78	75	77	77	73	73	75	72	75	73	71	67	76	71	75	70	73
Other and undefined Diseases } of Urinary System* .. .	39	35	38	53	53	46	43	48	39	35	34	37	32	28	22	22	20	21	22	20
<b>DISEASES OF ORGANS OF GENERATION.</b>																				
Ovarian Disease* .. .. .	15	23	21	21	22	21	21	22	20	18	17	18	17	17	14	16	15	15	14	14
Diseases of Uterus and Vagina*†	29	27	25	25	25	26	25	24	22	22	23	22	23	25	24	23	23	24	22	22
Disorders of Menstruation*	3	4	4	3	3	3	2	3	3	3	3	3	2	2	3	3	2	2	2	3
Pelvic Abscess .. .. .	2	4	4	4	7	6	6	6	6	5	6	5	3	2	2	2	2	2	2	2
Perineal Abscess .. .. .	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	0	1	0
Dis. of Testes, Penis, Scrotum, &c.*	3	3	3	2	3	3	3	2	3	2	3	2	2	3	2	3	2	3	2	2
<b>DISEASES OF PARTURITION.</b>																				
Abortion, Miscarriage .. .. .	3	6	6	3	4	4	4	3	3	3	6	8	9	5	5	6	7	6	6	6
Puerperal Mania .. .. .	3	4	4	4	4	4	3	3	2	3	3	4	3	3	3	2	2	2	2	2
Puerperal Convulsions .. .. .	15	15	15	12	13	15	12	12	13	11	10	13	11	13	12	11	12	10	12	11
Placenta Prævia, Flooding ..	28	29	28	30	28	31	28	27	27	26	24	27	27	27	26	23	23	22	21	22
Phlegmasia Dolens .. .. .	3	3	3	3	4	4	3	3	3	2	2	3	3	2	3	3	2	2	2	2
Other and undefined Accidents } of Childbirth* .. .	19	17	17	19	16	17	16	14	15	16	34	42	44	48	38	33	35	35	32	33
<b>DISEASES OF ORGANS OF LOCOMOTION.</b>																				
Caries, Necrosis* .. .. .	38	38	38	42	41	40	41	38	36	38	35	35	33	32	31	30	28	28	25	25
Arthritis, Ostitis, Periostitis ..	6	6	6	8	6	8	8	7	9	7	9	9	9	10	9	9	9	9	8	9
Other and undefined Diseases } of Organs of Locomotion* ..	60	48	48	52	46	43	42	47	40	39	35	31	23	18	16	17	14	13	11	12
<b>DISEASES OF INTEGUMENTARY SYSTEM.</b>																				
Carbuncle .. .. .	9	7	6	7	6	7	6	6	5	6	6	6	6	5	4	5	5	5	5	5
Phlegmon, Cellulitis* .. .. .	15	7	8	9	11	11	10	9	11	8	11	10	13	15	12	12	13	14	13	15
Lupus .. .. .	3	2	2	3	3	2	3	3	3	2	2	3	3	2	2	2	2	2	2	2
Ulcer, Bed sore* .. .. .	21	22	20	23	21	20	21	22	21	19	19	19	19	19	19	19	16	18	17	17
Eczema .. .. .	13	12	14	13	15	15	15	13	13	14	14	15	14	15	13	13	12	12	13	11
Pemphigus .. .. .	2	2	4	3	3	3	3	3	4	4	4	4	4	5	4	5	5	5	5	5
Other and undefined Diseases } of Integumentary System* ..	8	9	8	8	9	8	8	7	7	6	7	6	7	7	7	8	8	6	7	7

\* See note \*, p. lxxiv.



TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries .. ..												920	945	1129	1122	1007	1043	936	860	934
Vehicles and Horses .. ..												2512	2474	2398	2400	2387	2428	2648	2625	2823
Ships, Boats, and Docks (not Drowning) .. ..												150	177	216	219	255	262	265	295	321
Building Operations .. ..												151	167	195	199	203	219	241	239	246
Machinery .. ..												220	228	265	233	241	211	222	215	260
Weapons and Implements .. ..	15187	15829	15350	15755	15312	14939	14860	15518	14908	15025	16263	234	248	233	151	126	136	133	116	144
Burns and Scalds .. ..												2250	2369	2351	2191	2852	2569	2501	2330	2715
Poisons, Poisonous Vapours .. ..												544	514	597	588	598	619	691	620	636
Drowning .. ..												2708	2637	2747	2589	2797	2415	2724	2547	2850
Suffocation .. ..												2264	2166	2140	2081	2319	2223	2188	2238	2227
Falls .. ..												2583	2417	2499	2401	2553	2681	2853	2914	3085
Weather Agencies .. ..												285	244	407	184	395	272	297	317	435
Otherwise or not stated .. ..												1867	1757	1947	1770	1810	1780	1818	1768	1989
Homicide .. ..	310	365	363	322	326	309	311	352	301	290	286	315	300	337	298	315	301	292	307	291
Suicide .. ..	1979	1955	1965	1962	2043	2007	2254	2234	2308	2170	2205	2483	2583	2599	2729	2797	2656	2792	2877	2844
Execution .. ..	14	11	11	14	14	13	19	21	17	12	16	14	16	16	18	10	20	7	10	15
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy* .. ..	2131	1882	1852	1848	866	418	336	325	319	257	271	271	248	210	190	183	142	140	187	210
Debility, Atrophy, Inanition* .. ..	27886	22699	23318	24329	24937	22131	24146	21879	20741	21311	21434	21934	21303	22929	18281	22568	19745	20113	20355	20411
Mortification*† .. ..	628	564	485	273	190	152	68	93	53	31	59	56	53	33	39	37	24	38	35	37
Tumour† .. ..	269	353	351	357	384	318	359	192	124	140	153	135	151	119	126	135	79	121	82	81
Abscess† .. ..		636	656	644	707	658	645	671	573	573	568	533	562	553	441	413	405	403	372	357
Hæmorrhage† .. ..		159	182	181	143	186	144	175	105	125	145	123	127	161	157	135	131	107	108	114
Sudden Deaths (Cause unascertained) .. ..	2269	370	373	418	509	486	438	464	403	377	437	394	402	348	285	301	317	204	199	212
Other ill-defined Causes* .. ..	1115	3562	3260	3778	3529	3288	3147	3166	2814	2652	2816	2694	2330	1922	1764	1990	1760	1931	1701	72
Not specified Causes .. ..																				1621

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 18 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Persons.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries .. ..												32	32	38	37	33	34	30	27	29
Vehicles and Horses .. ..												86	84	81	80	79	79	85	84	89
Ships, Boats, and Docks (not Drowning) .. ..												5	6	7	7	8	9	9	9	10
Building Operations .. ..												5	6	7	7	7	7	8	8	8
Machinery .. ..												8	8	9	8	8	7	7	7	8
Weapons and Implements .. ..	589	608	583	592	567	549	540	558	528	528	565	8	8	8	5	4	4	4	4	5
Burns and Scalds .. ..												77	80	79	73	94	83	81	74	86
Poisons, Poisonous Vapours .. ..												19	17	20	20	20	20	22	20	20
Drowning .. ..												93	89	92	86	92	78	88	81	90
Suffocation .. ..												78	73	72	69	76	72	70	71	70
Falls .. ..												89	82	84	80	84	86	92	93	97
Weather Agencies .. ..												10	8	14	6	13	9	10	10	14
Otherwise or not stated .. ..												64	60	65	59	60	58	59	56	63
Homicide .. ..	12	14	14	12	12	11	11	13	11	10	10	11	10	11	10	10	10	9	10	9
Suicide .. ..	77	75	75	74	76	74	82	80	82	76	77	85	88	87	91	92	86	90	92	90
Execution .. ..	1	0	0	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0	0	0
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy* .. ..	83	72	70	69	32	15	12	12	11	9	9	9	8	7	6	6	5	5	6	7
Debility, Atrophy, Inanition* .. ..	1081	871	885	914	924	813	877	786	735	749	745	754	722	771	608	743	641	648	648	643
Mortification*† .. ..	24	22	18	10	7	6	2	3	2	1	2	2	2	1	1	1	1	1	1	1
Tumour† .. ..	10	14	13	13	14	12	13	7	4	5	5	5	5	4	4	4	3	4	3	3
Abscess† .. ..		24	25	24	26	24	23	24	20	20	20	18	19	19	15	14	13	13	12	11
Hæmorrhage† .. ..		6	7	7	5	7	5	6	4	4	5	4	4	5	5	4	4	3	3	4
Sudden Deaths (Cause unascertained) .. ..	88	14	14	16	19	18	16	17	14	13	15	14	14	12	9	10	10	7	6	7
Other ill-defined Causes* .. ..	38	139	128	146	134	122	115	109	99	93	97	92	79	64	63	67	62	67	58	2
Not specified Causes .. ..																				47

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 19.—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
ALL CAUSES .. .. .	273442	253605	265767	269262	273522	268305	275874	272137	263294	266102	290448	302494	286062	291889	256015	290704	270575	280211	283981	299472
MIASMATIC DISEASES.																				
Small-pox { Vaccinated .. .	339	360	103	44	286	343	18	23	55	2	4	2	32	99	80	24	27	5	62	4
Unvaccinated .. .		588	188	95	340	433	21	57	159	1	—	8	59	140	84	33	62	3	35	3
No Statement .. .		725	467	400	597	841	145	225	400	12	8	—	18	166	643	301	67	196	9	44
Chicken-pox .. .	66	57	64	55	72	51	56	49	64	37	55	53	70	71	66	42	88	57	67	71
Measles† .. .	6312	3693	6628	4872	5831	7396	6090	8657	5096	7716	6516	6509	6907	5771	6107	5858	8993	6533	6783	5094
Epidemic Rose Rash† .. .	—	28	54	52	41	62	57	90	63	83	38	24	41	19	30	14	31	18	22	14
Scarlet Fever .. .	8841	7145	6904	6449	5504	3210	2999	3899	3218	3353	3481	2495	2799	3430	2452	2238	2749	2296	1808	1864
Typhus* .. .	265	280	499	475	157	186	140	110	87	78	80	74	48	71	58	28	36	26	27	17
Relapsing Fever .. .	9	6	4	7	6	5	3	3	4	1	—	4	7	2	2	4	2	1	1	—
Influenza .. .	85	50	43	47	37	66	42	41	4	29	2415	8621	7673	4808	3233	6173	1912	3085	5010	6085
Whooping-cough .. .	6084	4798	6898	4855	5188	5819	5894	4928	5578	5622	6166	6051	6005	4515	5547	4275	5859	5234	4495	4622
Mumps .. .	48	52	47	50	34	59	47	47	47	50	39	40	44	49	35	26	41	40	31	42
Diphtheria .. .	1273	1512	1867	1979	2345	2129	1918	2116	2264	2446	2469	2365	3156	4652	4198	3851	4436	3764	3724	4453
Cerebro-spinal Fever .. .	22	14	23	25	15	15	22	17	9	12	25	10	13	10	7	9	8	4	7	15
Simple and Ill-defined Fever*† .. .	750	574	496	464	358	305	282	255	208	182	172	146	121	128	103	77	82	50	69	50
Enteric Fever† .. .	3286	2797	3173	3120	3295	2496	2671	2671	2624	2598	2769	2603	2194	3611	2701	2870	2935	2681	3205	3561
Other Miasmatic Diseases* .. .	2	—	2	2	1	2	1	1	—	1	3	12	15	7	5	12	17	23	24	26
DIARRHEAL DISEASES.																				
Cholera .. .	457	174	201	221	467	164	288	257	109	175	239	175	265	767	137	469	336	539	614	657
Diarrhœa, Dysentery .. .	15879	7676	8967	8213	13672	7069	12936	10725	8757	9733	9098	7185	7851	14853	5502	13936	8875	13705	15148	15521
MALARIAL DISEASES.																				
Remittent Fever† .. .	44	119	122	88	98	71	63	47	39	40	29	21	17	16	7	18	12	4	8	5
Ague .. .	52	62	61	49	67	57	54	69	52	52	59	59	61	48	56	56	66	98	60	77
ZOOGENOUS DISEASES.																				
Hydrophobia .. .	24	24	24	31	21	43	24	27	10	22	4	6	5	3	11	17	7	6	1	—
Glanders .. .	3	4	3	2	1	5	4	5	2	7	3	4	4	6	1	3	1	6	4	5
Anthrax, Splenic Fever .. .	15	8	10	5	13	7	8	10	11	6	3	1	5	6	7	11	8	16	16	16
Cow-pox and other Effects of Vaccination* .. .	21	25	33	31	28	28	19	25	20	27	22	21	30	34	26	29	23	21	9	23
VENEREAL DISEASES.																				
Syphilis* .. .	1127	1099	1158	1180	1174	1161	1168	1095	984	1069	1049	1042	1108	1190	1066	1126	980	1046	1007	972
Gonorrhœa, Stricture of Urethra .. .	281	237	249	255	287	254	292	286	276	273	272	333	299	291	316	321	343	368	326	334
SEPTIC DISEASES.																				
Phagedœna*† .. .	—	31	32	29	23	28	21	19	35	20	25	28	24	35	20	34	20	16	25	17
Erysipelas* .. .	1043	1247	1280	1164	1139	1058	804	919	880	595	707	644	767	1025	706	564	570	501	516	624
Pyæmia, Septicæmia .. .	322	357	293	284	290	240	200	202	200	166	183	166	168	193	154	164	188	160	134	183
Puerperal Fever .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

TABLE 20.—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	
ALL CAUSES .. .. .	21786	20011	20749	20801	20850	20292	20644	20150	19237	19290	20833	21466	20023	20262	17577	19746	18129	18622	18667	19471	
MIASMATIC DISEASES.																					
Small-pox { Vaccinated .. .	27	28	8	3	22	26	1	2	4	0	0	0	2	7	5	2	2	0	4	0	
Unvaccinated .. .		46	15	7	26	33	2	4	12	0	0	1	4	10	6	2	4	0	0	4	0
No Statement .. .		57	36	31	46	64	11	17	29	1	1	1	12	45	21	5	13	1	3	6	6
Chicken-pox .. .	5	4	5	4	5	4	4	4	5	3	4	4	5	5	3	6	4	4	4	5	
Measles† .. .	503	291	517	376	444	559	456	641	372	559	467	462	483	401	419	398	603	434	446	331	
Epidemic Rose Rash† .. .	—	2	4	4	3	5	4	7	5	6	3	2	3	1	2	1	2	1	1	1	
Scarlet Fever .. .	704	564	539	498	420	243	224	289	235	243	250	177	196	238	168	152	184	153	119	121	
Typhus* .. .	21	22	39	37	12	14	10	8	6	6	6	5	3	5	4	2	2	2	2	1	
Relapsing Fever .. .	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	
Influenza .. .	7	4	3	4	3	5	3	3	4	2	173	612	538	334	222	419	128	205	329	396	
Whooping-cough .. .	485	379	539	375	395	440	441	365	408	408	442	429	420	313	381	290	393	348	295	301	
Mumps .. .	4	4	4	4	3	4	4	3	3	4	3	3	3	3	2	2	3	3	2	3	
Diphtheria .. .	101	119	146	153	179	161	144	157	165	177	177	168	221	323	288	262	297	250	245	290	
Cerebro-spinal Fever .. .	2	1	2	2	1	1	1	1	1	1	2	1	1	1	0	1	1	0	0	1	
Simple and Ill-defined Fever*† .. .	60	45	39	36	27	23	21	19	15	13	12	10	8	9	7	5	5	3	5	3	
Enteric Fever† .. .	262	221	248	241	251	189	200	198	192	188	199	185	154	251	185	195	197	178	211	232	
Other Miasmatic Diseases* .. .	0	—	0	0	0	0	0	0	—	0	0	1	1	0	0	1	1	2	2	2	
DIARRHEAL DISEASES.																					
Cholera .. .	36	14	16	17	36	12	22	19	8	13	17	12	19	53	9	32	23	36	40	43	
Diarrhœa, Dysentery .. .	1265	606	700	635	1042	535	968	794	494	706	653	510	549	1031	378	947	595	911	996	1009	
MALARIAL DISEASES.																					
Remittent Fever† .. .	4	9	10	7	7	5	5	3	3	3	2	1	1	1	0	1	1	0	1	0	
Ague .. .	4	5	5	4	5	4	4	5	4	4	4	4	4	3	4	4	4	7	4	5	
ZOOGENOUS DISEASES.																					
Hydrophobia .. .	2	2	2	2	2	3	2	2	1	2	0	0	0	0	1	1	0	0	0	—	
Glanders .. .	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
Anthrax, Splenic Fever .. .	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	
Cow-pox and other Effects of Vaccination* .. .	2	2	3	2	2	2	1	2	1	2	2	1	2	2	2	2	2	1	1	1	
VENEREAL DISEASES.																					
Syphilis* .. .	90	87	90	91	89	88	87	81	72	77	75	74	78	83	73	76	66	70	66	63	
Gonorrhœa, Stricture of Urethra .. .	22	19	19	20	22	19	22	21	20	20	20	24	21	20	22	22	23	24	21	22	
SEPTIC DISEASES.																					
Phagedœna*† .. .	—	2	2	2	2	2	2	1	3	1	2	2	2	2	1	2	1	1	2	1	
Erysipelas* .. .	83	98	100	90	87	80	60	68	63	43	51										



TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>PARASITIC DISEASES.</b>																				
Thrush..	702	409	404	441	458	387	427	366	290	307	308	300	249	213	177	217	184	137	157	152
Other Diseases from Vegetable Parasites*	4	3	9	4	2	2	3	4	5	2	2	2	1	8	3	4	4	11	7	2
Hydatid Disease	21	23	36	25	30	21	24	23	25	19	24	20	21	23	32	26	28	29	23	30
Other Dis. from Animal Parasites*	91	79	75	66	56	36	48	52	44	40	36	34	36	33	21	25	20	21	13	25
<b>DIETETIC DISEASES.</b>																				
Starvation, Want of Breast Milk*	386	264	266	263	162	153	132	168	162	176	166	183	184	222	163	160	186	203	198	208
Scurvy†	—	15	10	6	4	10	13	17	13	12	14	10	13	14	12	20	9	20	17	23
Intemp. { Chronic Alcoholism..	407	500	604	550	537	552	586	631	653	691	902	857	859	927	920	1019	1101	1135	1298	—
{ Delirium Tremens ..	230	322	278	336	306	340	297	283	276	307	406	470	372	407	317	345	359	365	437	—
<b>CONSTITUTIONAL DISEASES.</b>																				
Rheumatic Fever, Rheumatism of Heart*	984	1262	1374	1239	1381	1493	1282	1320	1365	1132	1215	1278	1306	1546	1280	1102	1317	1266	1195	1302
Rheumatism*†	729	499	410	471	418	418	382	430	427	415	377	494	454	408	359	368	348	395	405	405
Gout†	482	411	423	406	423	465	423	444	438	438	479	521	487	482	428	494	461	462	421	428
Rickets..	295	261	261	290	325	346	457	378	501	532	653	714	728	710	713	950	689	797	803	750
Cancer*†	4423	4611	4685	4967	5346	5495	5754	6262	6284	6891	7137	7294	7547	7908	8077	8628	9216	9573	9932	10337
Tabes Mesenterica	5052	3965	4455	4093	4448	3674	4416	3773	3659	4025	4113	3897	3753	4116	3005	3910	3198	3355	3344	3335
Tubercular Meningitis (Acute Hydrocephalus)†	4858	4116	3970	3907	3993	3788	3953	3674	3722	3650	3823	3992	3734	3663	3385	3691	3483	3522	3608	3452
Phthisis	24331	24339	24934	25466	25276	24796	25042	23337	23505	23711	26049	25090	23223	23600	22755	23027	22166	23046	23037	23906
Other Forms of Tuberculosis, Scrofula*	1779	1980	2124	2189	2363	2262	2605	2673	2534	2725	2870	3123	3025	2926	2993	3294	2984	2939	3109	2959
Purpura, Hæmorrhagic Diathesis*†	169	180	190	180	185	157	189	165	150	199	155	211	172	190	188	191	177	164	186	177
Anæmia, Chlorosis, Leucocythæmia*	405	367	432	394	370	414	458	474	518	531	471	558	583	553	629	668	691	699	717	705
Diabetes Mellitus	624	769	733	838	886	896	978	1019	1070	980	1076	1082	1142	1169	1166	1262	1243	1303	1437	1448
Other and undefined Constitutional Diseases*†..	1	197	185	181	200	205	206	232	241	198	224	251	234	268	287	284	275	270	307	339
<b>DEVELOPMENTAL DISEASES.</b>																				
Premature Birth	6851	6714	6895	7314	7340	7330	7614	7906	7943	8109	8489	9125	9344	9673	8990	9858	9739	10020	10393	10400
Atelectasis†	—	339	399	356	320	382	394	416	455	445	434	547	544	593	562	599	717	616	662	701
Cyanosis	570	506	525	522	570	590	604	520	493	549	530	551	584	566	655	593	603	630	635	657
Spina Bifida	288	254	296	272	283	267	295	309	255	276	260	290	302	292	278	282	313	304	323	317
Imperforate Anus	141	144	143	144	190	118	129	130	130	124	117	137	126	122	131	99	104	106	139	125
Cleft Palate, Harelip	100	111	108	119	125	110	110	113	98	112	105	125	115	115	114	127	120	126	123	119
Other Congenital Defects*	127	153	144	111	132	167	168	177	167	169	222	202	205	299	283	233	245	260	250	271
Old Age	11408	11704	11218	12060	11714	12143	12290	11648	11732	11275	12059	12487	11813	11188	10414	12845	11130	12260	12148	13522

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 20 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>PARASITIC DISEASES.</b>																				
Thrush..	56	32	32	34	35	29	32	27	21	22	22	21	17	15	12	15	12	9	10	10
Other Diseases from Vegetable Parasites*	0	0	1	3	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
Hydatid Disease	2	2	3	2	2	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2
Other Diseases from Animal Parasites*	7	6	6	5	4	3	4	4	3	3	3	2	3	2	1	2	1	1	1	2
<b>DIETETIC DISEASES.</b>																				
Starvation, Want of Breast Milk*	31	21	21	20	12	12	10	12	12	13	12	13	13	15	11	11	12	13	13	14
Scurvy†	—	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Intemp. { Chronic Alcoholism..	32	39	47	42	41	42	44	47	48	50	65	61	60	64	55	62	68	73	75	84
{ Delirium Tremens ..	18	25	22	26	23	26	22	21	20	22	29	33	26	28	22	22	23	24	24	28
<b>CONSTITUTIONAL DISEASES.</b>																				
Rheumatic Fever, Rheumatism of Heart*	78	100	107	96	105	113	96	98	100	82	87	91	91	107	88	75	88	84	79	85
Rheumatism*†	58	39	32	36	32	32	29	32	31	30	27	35	32	28	25	25	23	26	27	26
Gout†	38	32	33	31	32	35	32	33	32	32	34	37	34	33	29	34	31	31	28	28
Rickets..	24	21	20	22	25	26	34	28	36	39	47	51	51	49	49	65	46	53	53	49
Cancer*†	352	364	366	384	408	416	431	464	459	500	512	518	528	550	555	586	618	636	653	672
Tabes Mesenterica	403	313	348	316	339	278	330	279	267	292	295	277	263	286	206	266	214	223	220	217
Tubercular Meningitis (Acute Hydrocephalus)†	387	325	310	302	304	287	296	272	272	265	274	283	261	254	232	251	233	234	237	224
Phthisis	1939	1920	1947	1957	1927	1875	1874	1728	1717	1719	1868	1781	1626	1639	1562	1564	1485	1532	1514	1554
Other Forms of Tuberculosis, Scrofula*	142	156	166	169	180	171	195	198	185	198	206	222	212	203	205	224	200	195	204	192
Purpura, Hæmorrhagic Diathesis*†	13	14	15	14	14	12	14	12	11	14	11	15	12	13	13	13	12	11	12	12
Anæmia, Chlorosis, Leucocythæmia*	32	29	34	30	28	31	34	35	38	38	34	40	41	38	43	45	46	46	47	46
Diabetes Mellitus	50	61	57	65	68	68	73	75	78	71	77	77	80	81	80	86	83	87	94	94
Other and undefined Constitutional Diseases*†..	0	16	14	14	15	16	15	17	18	14	16	18	16	19	16	19	18	18	20	22
<b>DEVELOPMENTAL DISEASES.</b>																				
Premature Birth	546	530	538	565	560	554	570	585	580	588	609	648	654	671	617	670	653	666	683	676
Atelectasis†	—	27	31	28	24	29	29	31	33	32	31	39	38	41	39	41	48	41	44	46
Cyanosis	45	40	41	40	43	45	45	39	36	40	38	39	41	39	45	40	40	42	42	43
Spina Bifida	23	20	23	21	22	20	22	23	19	20	19	21	21	20	19	19	21	20	21	21
Imperforate Anus	11	11	11	11	14	9	10	10	10	9	8	10	9	8	7	7	8	8	8	8
Cleft Palate, Harelip	8	9	8	9	10	8	8	8	7	8	8	9	8	8	8	9	8	8	8	8
Other Congenital Defects*	10	12	11	9	10	13	13	13	12	12	16	14	14	21	19	16	16	17	16	18
Old Age	909	924	876	932	893	918	920	862	857	817	865	886	827	778	715	873	746	815	799	879

\* See note \* p. lxxiv.

See note †, p. lxxiv.

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TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF NERVOUS SYSTEM.</b>																				
Inflammation of Brain or its Membranes**	4304	3943	4345	4668	4737	4627	4969	4848	4664	4579	4962	4574	4172	4265	3594	4020	3900	4026	4035	4176
Apoplexy†	6873	6204	6307	6804	6843	7140	7612	7399	7394	7279	7819	8234	7829	7775	7372	7902	7811	8171	8206	8604
Softening of Brain	1877	1827	1878	1786	1831	1893	1975	1896	1816	1804	1909	1757	1730	1624	1417	1460	1372	1309	1345	1358
Hemiplegia, Brain Paralysis**†	6034	4739	4719	4745	4398	4265	4331	4324	4027	3934	4050	3881	3630	3472	2963	3332	2941	3000	2877	2810
Paralysis Agitans*	82	87	81	92	91	122	118	96	113	113	137	165	128	167	143	156	153	140	187	212
Insanity, General Paralysis of Insane†	811	1523	1497	1754	1706	1585	1439	1443	1568	1742	1630	1671	1638	1757	1893	2290	2137	2264	2278	2435
Chorea	22	28	28	19	34	40	33	28	25	25	26	36	32	39	30	35	40	33	38	40
Epilepsy*	1421	1380	1371	1663	1642	1678	1665	1504	1484	1494	1553	1563	1458	1446	1302	1439	1308	1336	1347	1371
Convulsions	13253	12522	12847	12803	13010	12462	12892	12169	11639	12197	12091	12726	11705	11579	10245	11536	10234	10445	10304	10044
Laryngismus Stridulus	480	441	449	526	479	478	448	430	490	441	411	515	450	351	310	362	312	319	330	281
Idiopathic Tetanus	25	48	37	41	29	31	41	29	36	34	32	29	37	23	22	21	22	15	17	17
Paraplegia, Dis. of Spinal Cord**†	427	805	904	866	864	965	1077	1067	1073	1096	1142	1227	1195	1196	1230	1320	1221	1291	1293	1472
Other and undefined Diseases of Brain or Nervous System**†	1567	2089	2400	2548	2398	2418	2375	2390	2422	2112	1746	1748	1618	1709	1437	1548	1455	1385	1248	1248
<b>DISEASES OF ORGANS OF SPECIAL SENSE.</b>																				
Otitis, Otorrhœa	167	203	255	175	228	222	214	224	298	305	336	316	349	447	389	494	456	511	486	496
Epistaxis and Dis. of Nose	44	38	41	46	36	40	45	39	52	39	43	47	50	50	44	35	51	48	42	44
Ophthalmia and Dis. of Eye	33	30	33	26	30	32	36	40	43	42	37	21	32	38	33	39	30	42	32	29
<b>DISEASES OF CIRCULATORY SYSTEM.</b>																				
Endocarditis, Valvular Disease**†	137	2589	2614	2818	2912	3058	3318	3438	3602	3584	3851	4232	3991	4243	4460	4659	4759	5078	5122	5639
Pericarditis*	260	209	216	249	233	255	248	287	340	255	362	363	346	379	355	279	296	349	318	332
Hypertrophy of Heart	265	193	164	206	212	208	191	158	186	161	153	193	172	145	120	137	126	113	104	140
Angina Pectoris	336	314	327	334	386	361	376	362	430	422	420	455	424	402	403	448	449	481	419	452
Syncope	1100	536	616	575	763	650	744	786	817	939	1237	1355	941	848	864	1001	908	954	826	711
Aneurism	649	606	600	591	643	637	680	585	602	629	659	565	630	657	660	654	642	688	707	723
Senile Gangrene	376	434	432	684	708	759	817	801	843	813	793	851	805	708	681	730	618	681	677	690
Embolism, Thrombosis	211	233	234	203	276	285	325	351	371	407	389	472	404	455	436	532	531	510	534	586
Phlebitis	54	56	54	58	49	67	51	87	51	56	60	65	65	71	49	51	67	58	58	63
Varicose Veins*	33	20	38	27	29	26	34	33	41	33	35	35	32	33	35	28	31	32	33	31
Other and undefined Diseases of Heart or Circulatory System**†	14037	12135	11976	13054	13284	14264	14760	15046	15574	15323	16213	16412	15916	15144	14540	15648	14676	15366	15283	16510

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 20 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF NERVOUS SYSTEM.</b>																				
Inflammation of Brain or its Membranes**	343	311	339	361	361	350	372	359	341	332	356	325	292	296	247	273	261	268	265	272
Apoplexy†	548	490	492	526	522	540	570	548	540	528	561	584	548	540	506	537	523	543	539	559
Softening of Brain	150	144	147	138	140	143	148	140	133	131	137	125	121	113	97	99	92	87	88	88
Hemiplegia, Brain Paralysis**†	481	374	368	367	335	323	324	320	294	285	291	275	254	241	203	226	197	199	189	183
Paralysis Agitans*	7	7	6	7	7	9	9	7	8	8	10	12	9	12	10	11	10	9	12	14
Insanity, General Paralysis of Insane†	65	120	117	136	130	120	108	107	115	126	117	119	115	122	130	156	143	150	150	158
Chorea	2	2	2	1	3	3	2	2	2	2	2	3	2	3	2	2	3	2	2	3
Epilepsy*	113	109	107	128	125	127	125	111	108	108	111	111	102	100	89	98	88	89	89	89
Convulsions	1056	988	1003	991	992	943	965	901	851	884	867	903	820	804	703	784	686	694	677	653
Laryngismus Stridulus	38	35	35	41	37	36	34	32	36	32	29	37	31	24	21	25	21	21	22	18
Idiopathic Tetanus	2	4	3	3	2	2	3	2	3	2	2	2	3	2	2	1	1	1	1	1
Paraplegia, Dis. of Spinal Cord**†	34	64	71	67	66	73	81	79	78	79	82	87	84	83	84	90	82	86	85	96
Other and undefined Diseases of Brain or Nervous System**†	125	165	187	197	183	183	178	177	177	153	125	124	113	119	99	105	97	92	82	81
<b>DISEASES OF ORGANS OF SPECIAL SENSE.</b>																				
Otitis, Otorrhœa	13	16	20	14	17	17	16	17	22	22	24	22	24	31	27	34	31	34	32	32
Epistaxis and Dis. of Nose	4	3	3	4	3	3	3	3	4	3	3	3	3	3	3	2	3	3	3	3
Ophthalmia and Dis. of Eye	3	2	3	2	2	2	3	3	3	3	3	1	2	3	2	3	2	3	2	2
<b>DISEASES OF CIRCULATORY SYSTEM.</b>																				
Endocarditis, Valvular Disease**†	11	204	204	218	222	231	248	255	263	260	276	300	280	295	302	316	319	337	337	367
Pericarditis*	21	16	17	19	18	19	19	21	25	18	26	26	24	26	24	19	20	23	21	22
Hypertrophy of Heart	21	15	13	16	16	16	14	12	14	12	11	14	12	10	8	9	8	8	7	9
Angina Pectoris	27	25	26	26	29	27	28	27	31	31	30	32	30	28	28	30	30	32	28	29
Syncope	88	42	48	44	58	49	56	58	60	68	89	96	66	59	59	68	61	63	54	46
Aneurism	52	48	47	46	49	48	51	43	44	46	47	40	44	46	45	44	43	46	46	47
Senile Gangrene	30	34	34	53	54	57	61	59	62	59	57	60	56	49	47	50	41	45	44	45
Embolism, Thrombosis	17	18	18	16	21	22	24	26	27	30	28	33	28	32	30	36	36	34	35	38
Phlebitis	4	4	4	4	4	5	4	6	4	4	4	5	5	5	3	3	4	4	4	4
Varicose Veins*	3	2	3	2	2	2	3	2	3	2	3	2	2	2	2	2	2	2	2	2
Other and undefined Diseases of Heart or Circulatory System**†	1118	958	935	1008	1013	1079	1105	1114	1138	1111	1163	1165	1114	1051	998	1063	983	1021	1005	1073

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF RESPIRATORY SYSTEM.</b>																				
Laryngitis* . . . . .	596	640	784	814	900	860	748	840	860	774	838	765	766	884	758	742	803	694	677	752
Croup . . . . .	1905	1896	2444	2464	2582	2278	2007	2092	1971	1728	1760	1392	1217	1153	939	891	834	598	469	553
Other Dis. of Larynx and Trachea* } Trachea* . . . . .	35	123	129	114	139	93	103	104	114	111	102	80	102	87	79	59	79	72	80	77
Emphysema, Asthma . . . . .	1288	1595	1454	1620	1412	1505	1434	1449	1386	1360	1507	1752	1672	1406	1263	1553	1287	1385	1392	1628
Bronchitis . . . . .	29617	28374	29318	29868	27445	30782	30481	29333	29105	27850	33686	37802	33071	27735	24656	29274	23569	23306	22970	25095
Pneumonia . . . . .	14606	13805	14990	16332	15187	16992	16093	17817	18115	16643	24138	25332	21231	22103	18605	20327	20330	20163	20134	23044
Pleurisy . . . . .	790	785	741	931	826	938	869	935	931	793	1158	1213	1033	1101	879	880	918	905	861	983
Other and undefined Diseases } of Respiratory System*† } }	3028	2351	2544	2674	2676	2918	2821	2834	2515	2251	2660	2880	2490	2311	2028	2401	2108	2144	1958	2191
<b>DISEASES OF DIGESTIVE SYSTEM.</b>																				
Stomatitis (Dis. of Mouth)*† . . . . .	243	186	215	223	286	229	277	252	233	320	246	220	241	349	271	334	259	246	292	230
Dentition . . . . .	2253	2478	2631	2650	2727	2588	2696	2339	2404	2410	2462	2554	2351	2197	1959	2313	1976	2072	1904	1845
Sore-throat, Quinsy* . . . . .	210	300	311	420	373	345	317	350	301	294	336	346	315	376	289	286	320	259	291	318
Dyspepsia* . . . . .	195	188	234	237	229	216	254	233	238	256	241	255	309	322	292	202	114	107	73	51
Hæmatemesis . . . . .	203	208	207	242	235	217	170	201	190	212	196	167	145	156	132	150	152	163	148	160
Melæna . . . . .	70	68	70	86	90	98	107	93	67	71	69	76	74	70	53	63	67	77	60	46
Diseases of Stomach*† . . . . .	447	1203	1180	1142	1283	1310	1563	1550	1537	1580	1696	1732	1727	2063	1883	2134	2048	2252	2344	2377
Enteritis* . . . . .	1521	1351	1524	1417	1619	1503	2022	1803	1872	2328	2587	2653	2906	4592	3111	5639	5091	7032	8483	2853
Gastro-Enteritis . . . . .	576	210	211	310	316	305	284	198	179	220	150	172	175	163	168	178	199	183	193	181
Ulceration of Intestine† . . . . .	887	893	915	853	904	940	936	904	987	937	988	957	910	1010	959	1022	1048	1093	1066	1008
Ileus, Obstruction of Intestine } Stricture or Strangulation of } Intestine† } Intussusception of Intestine . . . . .	220	106	114	120	102	131	113	98	95	90	80	104	92	82	89	77	62	90	80	76
Hernia . . . . .	297	225	213	241	263	236	253	241	260	274	223	270	213	247	243	279	223	242	235	297
Fistula . . . . .	572	563	594	557	546	592	608	599	596	639	582	599	608	676	621	626	586	627	617	674
Peritonitis . . . . .	72	47	53	89	90	76	83	86	69	61	54	50	48	32	43	40	44	34	42	30
Ascites . . . . .	938	870	949	1005	1098	1107	1079	1165	1206	1118	1162	1163	1089	1181	966	1060	1020	992	1016	984
Gallstones . . . . .	173	149	149	168	129	115	102	94	74	87	82	79	47	63	54	52	58	47	52	54
Cirrhosis of Liver . . . . .	61	75	75	65	67	52	62	111	86	95	105	86	98	104	151	145	133	120	138	153
Other Diseases of Liver* . . . . .	1561	1694	1724	1826	1852	1847	1974	1886	1908	1926	2002	2089	2029	2007	1983	1962	2092	2283	2318	2574
Other and undefined Diseases } of Digestive System*† } }	3314	3090	3056	2876	2968	2867	2819	2630	2515	2341	2236	2213	1973	2055	1675	1726	1653	1581	1526	1534
<b>DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.</b>																				
Diseases of Spleen . . . . .	69	59	60	71	47	69	72	56	60	72	49	48	47	49	34	31	25	35	26	29
Diseases of Lymphatic System* . . . . .	24	128	121	74	95	138	143	116	126	126	145	146	167	149	166	179	166	168	211	192
Diseases of Thyroid Body . . . . .	13	21	26	9	25	14	23	29	28	26	32	31	34	24	29	30	34	40	40	33
Diseases of Supra-Renal Capsules . . . . .	62	52	59	70	50	68	101	80	71	61	97	55	72	69	79	74	85	76	92	99

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 20 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF RESPIRATORY SYSTEM.</b>																				
Laryngitis* . . . . .	47	50	61	63	69	65	56	62	63	56	60	54	54	61	52	50	54	46	44	49
Croup . . . . .	152	150	191	190	197	172	150	155	144	125	126	99	85	80	64	61	56	40	31	36
Other Diseases of Larynx and } Trachea* . . . . .	3	10	10	9	11	7	8	8	8	8	7	6	7	6	5	4	5	5	5	5
Emphysema, Asthma . . . . .	103	126	114	125	108	114	107	107	101	99	108	124	117	98	87	105	86	92	91	106
Bronchitis . . . . .	2360	2239	2289	2307	2092	2328	2281	2172	2019	2416	2683	2315	1926	1693	1988	1579	1549	1510	1632	
Pneumonia . . . . .	1164	1089	1170	1266	1158	1285	1204	1319	1324	1206	1731	1798	1486	1534	1277	1381	1362	1340	1323	1498
Pleurisy . . . . .	63	62	58	72	63	71	65	69	68	57	83	86	72	76	60	60	62	60	57	64
Other and undefined Diseases } of Respiratory System*† } }	241	186	199	207	204	221	211	210	184	163	191	204	174	160	139	163	141	142	129	142
<b>DISEASES OF DIGESTIVE SYSTEM.</b>																				
Stomatitis (Dis. of Mouth)*† . . . . .	19	15	17	17	22	17	21	19	17	23	18	16	17	24	19	23	17	16	19	15
Dentition . . . . .	180	196	206	205	208	196	202	173	176	175	177	181	165	153	134	157	132	138	125	120
Sore-throat, Quinsy* . . . . .	17	24	24	32	28	26	24	26	22	21	24	25	22	26	20	19	21	17	19	21
Dyspepsia* . . . . .	16	15	18	18	17	16	19	17	17	19	17	18	22	22	20	14	8	7	5	3
Hæmatemesis . . . . .	16	16	16	19	18	16	13	15	14	15	14	12	10	11	9	10	10	11	10	10
Melæna . . . . .	6	5	5	7	7	7	8	7	5	5	5	5	5	5	4	4	4	5	4	3
Diseases of Stomach*† . . . . .	36	95	92	88	98	99	117	115	112	115	122	123	121	143	129	145	137	150	154	155
Enteritis* . . . . .	121	107	119	109	123	114	151	134	137	169	186	188	204	320	214	383	341	467	558	464
Gastro-Enteritis . . . . .	46	16	16	24	24	23	21	15	13	16	11	12	12	11	12	12	13	12	13	12
Ulceration of Intestine† . . . . .	71	70	71	66	69	71	70	67	72	68	71	68	64	70	66	69	70	73	70	66
Ileus, Obstruction of Intestine } Stricture or Strangulation of } Intestine† } Intussusception of Intestine . . . . .	18	8	9	9	8	10	8	7	7	7	6	7	6	6	6	5	4	6	5	5
Hernia . . . . .	24	18	17	19	20	18	19	18	19	20	16	19	15	17	17	19	15	16	15	19
Fistula . . . . .	46	44	46	43	42	45	45	44	44	46	42	43	43	47	43	43	39	42	41	44
Peritonitis . . . . .	6	4	4	7	7	6	6	6	5	4	4	4	3	2	3	3	3	2	3	2
Ascites . . . . .	75	69	74	78	84	84	81	86	88	81	83	83	76	82	66	72	68	66	67	64
Gallstones . . . . .	14	12	12	13	10	9	5	8	6	7	8	6	7	7	10	10	9	8	9	10
Cirrhosis of Liver . . . . .	5	6	6	5	5	4	5	8	6	7	8	6	7	7	10	10	9	8	9	10
Other Diseases of Liver* . . . . .	124	134	135	141	141	140	148	140	139	140	144	148	142	139	136	133	140	152	152	167
Other and undefined Diseases } of Digestive System*† } }	264	244	239	222	226	217	211													



TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF URINARY SYSTEM.</b>																				
Acute Nephritis .. .. .	656	637	619	681	674	687	653	703	845	755	874	1044	1090	1102	1052	1152	1105	1266	1268	1317
Bright's Disease, Albuminuria..	2737	2838	3062	3386	3449	3554	3709	3762	3761	3854	4049	4067	3993	4126	4107	4379	4324	4451	4568	4930
Uræmia .. .. .	248	243	256	237	268	258	258	232	246	249	267	285	258	279	207	224	205	213	243	198
Suppression of Urine .. .. .	86	85	94	102	89	93	97	72	80	75	74	64	63	67	59	52	46	49	36	40
Calculus .. .. .	194	186	202	197	180	165	213	206	204	183	205	176	164	186	192	176	170	211	197	188
Hæmaturia .. .. .	125	111	131	107	111	117	104	98	99	80	95	99	76	70	71	69	64	48	61	41
Diseases of Bladder and of Prostate* .. .. .	1516	1636	1576	1856	1819	1888	1855	1821	1852	1892	1847	1951	1907	1881	1763	2044	1963	2116	1995	2111
Other and undefined Diseases of Urinary System* .. .. .	618	573	654	856	880	782	751	797	683	646	626	657	576	555	408	427	389	403	435	417
<b>DISEASES OF ORGANS OF GENERATION.</b>																				
Ovarian Disease* .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Uterus and Vagina*†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Disorders of Menstruation* ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pelvic Abscess .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perineal Abscess .. .. .	27	32	21	33	33	41	22	43	43	34	23	24	22	37	25	17	20	12	19	—
Dis. of Testes, Penis, Scrotum, &c.*	71	68	92	57	78	91	73	57	72	54	73	69	73	77	65	83	58	81	72	71
<b>DISEASES OF PARTURITION.</b>																				
Abortion, Miscarriage .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Mania .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Convulsions .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Placenta Prævia, Flooding ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phlegmasia Dolens .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other and undefined Accidents of Childbirth* .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>DISEASES OF ORGANS OF LOCOMOTION.</b>																				
Caries, Necrosis* .. .. .	594	595	588	709	642	663	687	609	584	623	600	555	576	518	531	498	470	527	448	445
Arthritis, Ostitis, Periostitis ..	95	97	104	115	82	124	123	110	144	126	140	137	150	149	163	167	151	171	153	162
Other and undefined Diseases of Organs of Locomotion* ..	859	695	676	761	672	664	623	719	649	615	554	497	327	264	246	246	217	203	170	189
<b>DISEASES OF INTEGUMENTARY SYSTEM.</b>																				
Carbuncle .. .. .	162	116	113	129	104	116	116	120	110	99	102	119	102	94	78	99	88	100	100	103
Phlegmon, Cellulitis* .. .. .	230	112	121	126	170	181	156	141	165	139	180	178	226	249	225	203	217	253	231	284
Lupus .. .. .	29	21	29	30	29	27	19	20	27	23	29	18	25	19	24	14	21	16	16	19
Ulcer, Bedsore* .. .. .	208	236	207	228	213	205	202	231	208	195	196	173	177	216	194	199	194	181	174	173
Eczema .. .. .	190	183	221	215	242	243	227	192	226	226	240	249	230	255	238	217	217	226	220	201
Pemphigus .. .. .	27	34	47	41	32	37	54	64	60	40	57	64	61	68	64	78	82	69	78	83
Other and undefined Diseases of Integumentary System* ..	115	118	99	108	135	110	99	95	106	76	83	84	100	102	89	128	125	104	108	108

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

TABLE 20 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF URINARY SYSTEM.</b>																				
Acute Nephritis .. .. .	52	50	48	53	51	52	49	52	62	55	63	74	77	76	72	78	74	84	83	86
Bright's Disease, Albuminuria..	218	224	239	262	263	269	278	279	275	279	290	289	280	286	282	297	290	296	300	321
Uræmia .. .. .	20	19	20	18	20	20	19	17	18	18	19	20	18	19	14	15	14	14	16	13
Suppression of Urine .. .. .	7	7	7	8	7	7	7	5	6	5	5	5	4	5	4	4	3	3	2	3
Calculus .. .. .	15	15	16	15	14	12	16	15	15	13	15	12	11	13	13	12	11	14	13	12
Hæmaturia .. .. .	10	9	10	8	8	9	8	7	7	6	7	7	5	5	5	5	4	3	4	3
Dis. of Bladder and of Prostate* ..	121	129	123	143	139	143	139	135	135	137	132	138	134	131	121	139	132	141	131	137
Other and undefined Diseases of Urinary System* .. .. .	49	45	51	66	67	59	56	59	50	47	45	47	40	39	28	29	26	27	29	27
<b>DISEASES OF ORGANS OF GENERATION.</b>																				
Ovarian Disease* .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Uterus and Vagina*†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Disorders of Menstruation* ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pelvic Abscess .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perineal Abscess .. .. .	2	3	2	3	3	3	2	3	3	2	2	2	2	3	2	1	1	1	1	1
Dis. of Testes, Penis, Scrotum, &c.*	6	5	7	4	6	7	5	4	5	4	5	5	5	5	4	6	4	5	5	5
<b>DISEASES OF PARTURITION.</b>																				
Abortion, Miscarriage .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Mania .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Convulsions .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Placenta Prævia, Flooding ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phlegmasia Dolens .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other and undefined Accidents of Childbirth* .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>DISEASES OF ORGANS OF LOCOMOTION.</b>																				
Caries, Necrosis* .. .. .	47	47	46	55	49	50	51	45	43	45	43	39	40	36	36	34	31	35	29	29
Arthritis, Ostitis, Periostitis ..	8	8	8	9	6	9	9	8	11	9	10	10	11	10	11	11	10	11	10	11
Other and undefined Diseases of Organs of Locomotion* ..	68	55	53	59	51	50	47	53	47	45	40	35	23	18	17	17	15	13	11	12
<b>DISEASES OF INTEGUMENTARY SYSTEM.</b>																				
Carbuncle .. .. .	13	9	9	10	8	9	9	9	8	7	7	8	7	7	5	7	6	7	7	7
Phlegmon, Cellulitis* .. .. .	18	9	9	10	13	14	12	10	12	10	13	13	16	17	15	14	15	17	15	18
Lupus .. .. .	2	2	2	2	2	2	1	1	2	2	2	1	2	1	2	1	1	1	1	1
Ulcer, Bedsore* .. .. .	17	19	16	18	16	16	15	17	15	14	14	12	12	15	13	14	13	12	11	11
Eczema .. .. .	15	14	17	17	18	18	17	14	17	16	17	18	16	18	16	15	15	15	14	13
Pemphigus .. .. .	2	3	4	3	2	3	4	5	4	3	4	5	4	5	4	5	5	5	5	5
Other and undefined Diseases of Integumentary System* ..	9	9	8	8	10	8	7	7	8	6	6	6	7	7	6	9	8	7	7	7

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.



TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Males.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>ACCIDENT OR NEGLIGENCE.</b>																				
In Mines and Quarries .. ..												919	944	1128	1121	1007	1040	936	859	934
Vehicles and Horses .. ..												2186	2149	2102	2111	2065	2148	2297	2235	2451
Ships, Boats, and Docks (not Drowning) .. ..												149	175	215	219	248	261	264	294	319
Building Operations .. ..												151	167	195	199	203	219	241	239	246
Machinery .. ..												209	213	248	220	230	199	211	206	245
Weapons and Implements .. ..	11241	11539	11406	11583	11208	10807	10812	11103	10546	10790	11600	186	190	187	134	118	116	116	101	121
Burns and Scalds .. ..												1048	1069	1061	1005	1209	1099	1094	1000	1184
Poisons, Poisonous Vapours .. ..												378	340	400	399	389	403	449	407	432
Drowning .. ..												2273	2231	2343	2172	2384	2015	2251	2118	2389
Suffocation .. ..												1161	1180	1119	1106	1236	1170	1169	1174	1177
Falls .. ..												1603	1451	1410	1386	1365	1507	1623	1658	1703
Weather Agencies .. ..												219	179	318	147	294	211	217	236	320
Otherwise or not stated .. ..												1317	1222	1357	1228	1272	1276	1341	1315	1444
Homicide .. ..	168	199	214	188	178	172	181	181	155	159	160	158	153	185	162	165	154	160	162	143
Suicide .. ..	1496	1476	1446	1445	1550	1529	1694	1675	1732	1626	1635	1863	1907	1940	2052	2071	1979	2090	2166	2121
Execution .. ..	14	11	11	13	11	13	18	20	17	12	16	13	16	16	17	10	19	7	10	14
<b>ILL-DEFINED AND NOT SPECIFIED CAUSES.</b>																				
Dropsy* .. ..	860	734	763	729	365	156	136	130	120	90	101	109	96	84	72	68	59	64	87	85
Debility, Atrophy, Inanition* .. ..	14693	12196	12478	12974	13325	11888	13109	11802	11325	11608	11431	12073	11718	12601	9994	12555	10940	11079	11263	11303
Mortification*† .. ..	353	308	270	154	100	76	33	46	24	13	29	23	22	16	16	16	13	17	14	17
Tumour† .. ..	125	112	122	111	115	90	119	75	38	42	53	56	61	45	48	61	30	44	29	25
Abscess† .. ..	—	325	305	316	363	332	327	350	288	266	271	261	268	276	209	228	206	206	183	172
Hæmorrhage† .. ..	—	89	112	109	81	116	85	101	63	73	83	78	71	86	99	80	85	69	60	74
Sudden Deaths (Cause unascertained) .. ..	1359	237	245	253	307	301	260	266	244	222	243	253	230	197	164	158	190	121	109	129
Other ill-defined Causes* .. ..	609	1984	1834	2141	1989	1885	1777	1808	1587	1481	1648	1552	1341	1087	1002	1102	992	1131	948	49
Not specified Causes .. ..																				935

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 20 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Males.

CAUSES OF DEATH	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>ACCIDENT OR NEGLIGENCE.</b>																				
In Mines and Quarries .. ..												65	66	78	77	68	70	62	56	61
Vehicles and Horses .. ..												155	150	146	145	140	144	153	147	159
Ships, Boats, and Docks (not Drowning) .. ..												11	12	15	15	17	17	18	19	21
Building Operations .. ..												11	12	14	14	14	15	16	15	16
Machinery .. ..												15	15	17	15	16	13	14	14	16
Weapons and Implements .. ..	896	910	891	895	854	817	809	822	771	782	832	13	13	13	9	8	8	8	7	7
Burns and Scalds .. ..												74	75	74	69	82	74	73	66	77
Poisons, Poisonous Vapours .. ..												27	24	28	27	26	27	30	27	28
Drowning .. ..												161	156	163	149	162	135	150	139	155
Suffocation .. ..												83	83	78	76	84	78	78	77	77
Falls .. ..												114	102	98	95	93	101	108	109	111
Weather Agencies .. ..												16	13	22	10	20	13	14	16	21
Otherwise or not stated .. ..												93	86	94	84	86	86	89	86	94
Homicide .. ..	13	16	17	15	14	13	14	13	11	12	11	11	11	13	11	11	10	11	11	9
Suicide .. ..	119	117	113	112	118	116	127	124	127	118	117	132	133	135	141	141	133	139	142	137
Execution .. ..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
<b>ILL-DEFINED AND NOT SPECIFIED CAUSES.</b>																				
Dropsy* .. ..	69	58	60	56	28	12	10	10	9	7	7	8	7	6	5	5	4	4	6	6
Debility, Atrophy, Inanition* .. ..	1171	962	975	1002	1016	899	981	874	828	841	820	855	820	875	686	853	733	736	740	735
Mortification*† .. ..	28	24	21	12	8	6	2	3	2	1	2	2	2	1	1	1	1	1	1	1
Tumour† .. ..	10	9	10	9	9	7	9	6	3	3	4	4	4	3	3	4	2	3	2	2
Abscess† .. ..	—	26	24	24	28	25	24	26	21	19	19	19	19	19	14	15	14	14	12	11
Hæmorrhage† .. ..	—	7	9	8	6	9	6	7	5	5	6	6	5	6	7	5	6	5	4	5
Sudden Deaths (Cause unascertained) .. ..	108	19	19	20	23	23	19	20	18	16	17	18	16	14	11	11	13	8	7	8
Other ill-defined Causes* .. ..	43	155	139	161	152	141	130	138	112	109	119	109	94	75	82	71	73	77	66	3
Not specified Causes .. ..																				58

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 21. ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
ALL CAUSES .. .. .	255182	238330	250887	253735	257306	254445	261402	258621	247677	252251	271800	285431	273622	278069	242812	278293	256152	261276	268160	282327
MIASMATIC DISEASES.																				
Small-pox { Vaccinated.. .. .	309	292	73	34	207	237	7	19	36	2	—	1	23	51	73	9	18	1	45	—
Unvaccinated .. .. .		480	137	67	255	362	22	54	110	1	—	9	47	113	92	28	56	2	24	—
No Statement .. .. .		653	349	317	549	611	62	37	38	52	46	40	38	53	56	42	44	63	5	43
Chicken-pox .. .. .	37	76	58	44	57	58	37	38	52	46	40	11	104	411	190	62	182	5	49	53
Measles† .. .. .	6016	3607	6083	4457	5493	7099	5923	8108	4688	7016	6098	6164	6646	5339	5650	5633	8625	6178	6437	4904
Epidemic Rose Rash† .. .. .	—	35	58	53	46	51	41	92	60	65	39	27	37	26	22	16	25	26	18	23
Scarlet Fever .. .. .	8563	7130	6828	6200	5359	3145	2987	3960	3160	3345	3493	2464	2819	3552	2580	2294	2727	2281	1740	1858
Typhus* .. .. .	265	272	441	402	171	132	105	101	73	59	71	63	37	66	57	30	35	23	20	12
Relapsing Fever .. .. .	12	9	9	9	6	5	4	6	4	2	1	7	—	7	5	3	—	1	—	—
Influenza .. .. .	86	49	47	60	35	72	41	44	43	26	2108	8065	8064	4861	3392	6707	1841	3003	5395	6332
Whooping-cough .. .. .	7578	6032	8361	5616	6288	7287	7042	6323	6709	6603	7590	7561	7401	5661	6807	5319	7407	6197	5680	5507
Mumps.. .. .	34	54	43	36	23	36	26	40	39	29	39	37	40	28	26	28	36	45	28	30
Diphtheria .. .. .	1537	1641	2125	2239	2675	2342	2180	2327	2551	2922	2681	2671	3396	4814	4576	4044	4557	3890	3937	4842
Cerebro-spinal Fever .. .. .	21	20	19	13	17	12	18	7	9	11	13	21	16	3	16	14	3	6	4	6
Simple and Ill-defined Fever*† .. .. .	740	585	520	499	410	357	323	252	228	231	189	179	123	137	100	80	82	70	67	63
Enteric Fever† .. .. .	3424	2732	2863	2958	3085	2269	2390	2484	2224	2413	2377	2272	1843	3190	2080	2456	2190	2170	2503	2743
Other Miasmatic Diseases* .. .. .	—	—	—	2	2	1	—	—	—	1	1	7	8	5	2	6	3	1	3	3
DIARRHOEAL DISEASES.																				
Cholera .. .. .	340	143	150	171	338	144	248	205	111	155	169	134	173	584	113	371	228	413	489	556
Diarrhoea, Dysentery .. .. .	14306	6860	8218	7720	12740	6329	11812	9517	6082	8701	8331	6468	7047	13517	5011	12616	7949	12394	13845	14237
MALARIAL DISEASES.																				
Remittent Fever† .. .. .	32	130	124	106	79	67	64	46	42	37	39	19	12	22	11	13	11	5	4	—
Ague .. .. .	39	51	38	45	32	32	34	31	26	29	19	34	20	34	14	22	17	11	19	12
ZOOGENOUS DISEASES.																				
Hydrophobia .. .. .	5	10	4	3	7	17	2	2	4	8	4	1	1	1	2	3	1	—	1	—
Glanders .. .. .	—	—	—	—	1	—	1	1	—	1	—	—	1	—	1	—	—	—	—	—
Anthrax, Splenic Fever .. .. .	3	1	5	3	5	4	3	1	1	1	1	2	1	1	3	2	1	2	2	5
Cow-pox and other Effects of Vaccination* .. .. .	20	33	32	24	25	24	26	20	25	31	21	22	28	25	24	27	19	15	17	11
VENEREAL DISEASES.																				
Syphilis* .. .. .	1033	998	1069	1133	1106	1035	1063	969	943	984	1007	922	933	964	945	973	852	833	794	821
Gonorrhœa, Stricture of Urethra .. .. .	—	—	2	2	4	2	2	8	9	2	4	10	7	12	6	10	9	11	9	10
SEPTIC DISEASES.																				
Phagedœna*† .. .. .	—	35	41	42	46	37	25	20	38	30	17	26	28	43	24	32	16	37	20	21
Erysipelas* .. .. .	971	1067	1155	1002	1006	938	719	934	775	614	668	619	707	896	647	535	531	513	454	603
Pyæmia, Septicæmia .. .. .	324	289	251	228	274	244	175	143	192	146	179	157	174	191	153	145	113	139	117	153
Puerperal Fever .. .. .	1659	2287	2564	2616	2468	2420	2078	2450	2386	1852	1956	1973	2356	3023	2167	1849	2053	1836	1707	1908

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 22.—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	
ALL CAUSES.	19283	17822	18548	18545	18542	18177	18461	18057	17050	17214	18338	19040	18003	18145	15670	17770	16134	16322	16570	17255	
MIASMATIC DISEASES.																					
Small-pox { Vaccinated.. .. .	23	22	5	2	15	17	0	1	2	0	—	0	2	3	5	1	1	0	3	—	
Unvaccinated .. .. .		36	10	5	18	26	2	4	8	0	—	—	1	3	7	6	2	4	0	1	4
No Statement .. .. .		49	26	23	40	44	4	9	18	0	0	0	1	7	27	12	4	11	0	3	0
Chicken-pox .. .. .	3	6	4	3	4	4	3	3	4	3	3	3	3	4	3	3	4	3	3	3	
Measles† .. .. .	455	270	450	326	396	507	418	566	323	479	411	411	437	348	365	360	543	386	398	300	
Epidemic Rose Rash† .. .. .	—	3	4	4	3	4	3	6	4	4	3	2	2	2	1	1	2	2	1	1	
Scarlet Fever .. .. .	647	533	505	453	386	225	211	276	218	228	236	164	185	232	167	146	172	142	108	114	
Typhus* .. .. .	20	20	33	29	12	9	7	7	5	4	5	4	2	4	4	2	2	1	1	1	
Relapsing Fever .. .. .	1	1	1	1	0	0	0	0	0	0	0	0	—	0	0	0	—	0	0	—	
Influenza .. .. .	6	4	3	4	3	5	3	3	3	2	142	538	532	318	219	428	116	188	333	387	
Whooping-cough .. .. .	573	451	618	410	453	521	497	441	462	451	512	504	487	369	439	340	467	387	351	337	
Mumps.. .. .	3	4	3	3	2	3	2	3	3	2	3	2	3	2	2	2	2	3	2	2	
Diphtheria .. .. .	116	123	157	164	193	167	154	162	176	199	181	178	223	314	295	258	287	243	243	296	
Cerebro-spinal Fever .. .. .	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	
Simple and Ill-defined Fever*† .. .. .	56	44	38	36	30	26	23	18	16	16	13	12	8	9	6	5	5	4	4	4	
Enteric Fever† .. .. .	259	204	212	216	222	162	169	173	153	165	160	152	121	208	134	157	138	136	155	168	
Other Miasmatic Diseases* .. .. .	—	—	—	0	0	0	—	—	—	0	0	0	1	0	0	0	0	0	0	0	
DIARRHOEAL DISEASES.																					
Cholera .. .. .	26	11	11	12	24	10	18	14	8	11	11	9	11	38	7	24	14	26	30	34	
Diarrhoea, Dysentery .. .. .	1081	513	608	564	918	452	834	664	419	594	562	431	464	882	323	806	501	774	855	870	
MALARIAL DISEASES.																					
Remittent Fever† .. .. .	2	10	9	8	6	5	5	3	3	3	3	1	1	1	1	1	1	0	0	—	
Ague .. .. .	3	4	3	3	2	2	2	2	2	2	1	2	1	2	1	1	1	1	1	1	
ZOOGENOUS DISEASES.																					
Hydrophobia .. .. .	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	—	0	—	
Glanders .. .. .	—	—	—	—	0	—	0	0	—	0	—	—	0	—	—	—	—	—	—	—	
Anthrax, Splenic Fever .. .. .	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	
Cow-pox and other Effects of Vaccination* .. .. .	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	1	1	1	1	
VENEREAL DISEASES.																					
Syphilis* .. .. .	78	75	79	83	80	74	75	68	65	67	68	62	61	63	61	62	54	52	49	50	
Gonorrhœa, Stricture of Urethra .. .. .	—	—	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	1	1	1	
SEPTIC DISEASES.																					
Phagedœna*† .. .. .	—	3	3	3	3	3	2	1	3	2	1	2	2	3	2	2	1	2	1	1	
Erysipelas* .. .. .	73	80	85	73																	



TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>PARASITIC DISEASES.</b>																				
Thrush..	574	399	319	404	395	305	383	289	249	247	250	234	230	221	162	180	146	121	134	123
Other Diseases from Vegetable Parasites*	2	5	3	—	2	2	3	2	2	2	3	—	2	1	—	4	2	4	2	1
Hydatid Disease	39	28	23	28	29	25	34	24	29	28	29	26	27	35	20	35	28	42	41	31
Other Diseases from Animal Parasites*	90	73	100	71	77	51	68	64	65	62	50	42	51	43	40	39	26	28	26	25
<b>DIETETIC DISEASES.</b>																				
Starvation, Want of Breast Milk*	319	204	199	207	139	116	115	133	146	134	118	148	150	196	121	148	142	158	166	167
Scurvy†	—	8	5	4	2	9	4	5	7	10	7	10	7	4	11	14	11	14	9	11
Intemp. {Chronic Alcoholism..	269	347	400	354	379	388	459	471	472	511	661	645	683	782	672	743	756	859	892	1061
{Delirium Tremens ..	44	44	41	43	47	54	50	57	50	57	68	83	57	58	61	65	68	78	72	75
<b>CONSTITUTIONAL DISEASES.</b>																				
Rheumatic Fever, Rheumatism of Heart*	918	1167	1216	1118	1333	1419	1248	1330	1332	1126	1203	1269	1217	1539	1366	1155	1360	1261	1220	1345
Rheumatism*†	723	468	520	544	455	450	485	551	515	482	561	573	575	470	440	520	502	519	500	518
Gout†	162	86	99	118	112	122	101	129	120	107	125	132	113	137	137	112	118	108	101	131
Rickets..	259	204	232	239	282	262	331	282	341	428	471	530	593	535	517	667	544	630	593	585
Cancer*†	8742	8931	9372	9647	9852	10065	10489	10851	11222	11763	12296	12823	12806	13227	13345	14317	14305	14870	15264	15988
Tabes Mesenterica ..	4484	3437	3791	3590	3919	3151	3849	3261	3115	3620	3519	3404	3382	3751	2758	3479	2846	2900	3013	2959
Tubercular Meningitis (Acute)	3656	3060	2989	3079	3131	3086	3120	2907	3021	2997	3066	3188	2957	3062	2960	3055	2992	3084	3073	2997
Hydrocephalus)†	23870	23202	23781	24587	24049	23379	22830	21598	20743	21027	22317	21425	20100	20032	18886	19463	18085	18596	18298	18502
Other Forms of Tuberculosis, Scrofula*	1548	1805	1916	2079	2229	2022	2260	2298	2383	2480	2573	2788	2841	2592	2559	2790	2537	2499	2657	2549
Purpura, Hæmorrhagic Diathesis*†	131	138	183	158	166	150	138	138	149	176	139	167	144	171	181	170	157	176	188	155
Anæmia, Chlorosis, Leucocythæmia*	589	604	681	668	657	688	809	841	961	901	918	1000	966	971	991	1215	1149	1150	1107	1161
Diabetes Mellitus ..	435	468	520	531	589	628	656	731	703	774	787	848	869	913	871	1003	1043	1123	1148	1270
Other and undefined Constitutional Diseases*†	—	182	208	224	234	252	290	306	313	359	413	456	469	450	419	513	524	577	602	718
<b>DEVELOPMENTAL DISEASES.</b>																				
Premature Birth ..	5415	5334	5539	5558	5736	5574	6028	6182	6120	6330	6719	7326	7233	7590	6847	7650	7645	7759	7959	8148
Atelectasis†	—	289	291	246	223	292	273	291	370	300	323	375	395	393	407	480	518	459	485	498
Cyanosis ..	443	411	420	402	377	476	433	365	392	414	413	391	488	417	441	445	456	466	441	493
Spina Bifida ..	333	367	351	324	344	372	312	346	356	333	309	342	342	345	352	379	377	354	325	405
Imperforate Anus ..	70	50	62	65	98	74	56	51	41	64	44	61	56	53	66	63	57	76	49	50
Cleft Palate, Harelip ..	76	84	81	89	73	80	90	79	99	93	75	93	88	112	102	121	97	88	115	93
Other Congenital Defects*	127	116	124	92	117	121	146	117	178	142	178	174	197	261	205	229	201	211	217	209
Old Age ..	14415	14668	14547	16086	15165	15828	16161	15283	15464	15364	16043	16930	16053	15340	14103	16997	15038	16358	16550	17955

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>PARASITIC DISEASES.</b>																				
Thrush..	43	30	24	30	28	22	27	20	17	17	17	16	15	14	10	11	9	8	8	7
Other Diseases from Vegetable Parasites*	0	0	0	—	0	0	0	0	0	0	0	—	0	0	—	0	0	0	0	0
Hydatid Disease	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3	2
Other Diseases from Animal Parasites*	7	5	7	5	6	4	5	4	4	4	3	3	3	3	3	2	2	2	2	2
<b>DIETETIC DISEASES.</b>																				
Starvation, Want of Breast Milk*	24	15	15	15	10	8	8	9	10	9	8	10	10	13	8	10	9	10	10	10
Scurvy†	—	1	0	0	0	1	0	0	0	1	0	1	0	0	1	1	1	1	1	1
Intemp. {Chronic Alcoholism..	20	26	30	26	27	28	32	33	32	35	45	43	45	51	43	47	48	54	55	65
{Delirium Tremens ..	3	3	3	3	3	4	4	4	3	4	5	6	4	4	4	4	4	5	4	5
<b>CONSTITUTIONAL DISEASES.</b>																				
Rheumatic Fever, Rheumatism of Heart*	69	87	90	82	96	101	88	93	92	77	81	85	80	100	88	74	86	79	75	82
Rheumatism*†	55	35	38	40	33	32	34	38	35	33	38	38	38	31	28	33	32	32	31	32
Gout†	12	6	7	9	8	9	7	9	8	7	8	9	7	9	9	7	7	7	6	8
Rickets..	20	15	17	17	20	19	23	20	23	29	32	35	39	35	33	43	34	39	37	36
Cancer*†	661	668	693	705	710	719	741	758	773	803	830	855	843	863	861	914	901	929	943	977
Tabes Mesenterica ..	339	257	280	262	282	225	272	228	214	247	237	227	223	245	178	222	179	181	186	181
Tubercular Meningitis (Acute)	276	229	221	225	226	220	220	203	208	205	207	213	195	200	191	195	188	193	190	183
Hydrocephalus)†	1804	1735	1758	1797	1733	1670	1612	1508	1428	1435	1506	1429	1322	1307	1217	1243	1139	1162	1131	1131
Other Forms of Tuberculosis, Scrofula*	117	135	142	152	161	144	160	160	164	169	174	186	187	169	165	178	160	156	164	156
Purpura, Hæmorrhagic Diathesis*†	10	10	14	12	12	11	10	10	10	12	9	11	9	11	12	11	10	11	12	9
Anæmia, Chlorosis, Leucocythæmia*	45	45	50	49	47	49	57	59	66	61	62	67	64	63	64	78	72	72	68	71
Diabetes Mellitus ..	33	35	38	39	42	45	46	51	48	53	53	57	57	60	56	64	66	70	71	78
Other and undefined Constitutional Diseases*†	—	14	15	16	17	18	20	21	22	25	28	30	31	29	27	33	33	36	37	44
<b>DEVELOPMENTAL DISEASES.</b>																				
Premature Birth ..	409	399	409	406	413	398	426	432	421	432	453	489	476	495	442	488	482	485	492	498
Atelectasis†	—	22	22	18	16	21	19	20	25	20	22	25	26	26	26	31	33	29	30	30
Cyanosis ..	33	31	31	29	27	34	31	25	27	28	28	26	32	32	27	28	29	29	27	30
Spina Bifida ..	25	27	26	24	25	27	22	24	25	23	21	23	23	23	23	24	24	22	20	25
Imperforate Anus ..	5	4	5	5	7	5	4	4	3	4	3	4	4	3	4	4	4	5	3	3
Cleft Palate, Harelip ..	6	6	6	7	5	6	6	6	7	6	5	6	6	7	7	8	6	5	7	6
Other Congenital Defects*	10	9	9	7	8	9	10	8	12	10	12	12	13	17	13	15	13	13	13	13
Old Age ..	1089	1097	1075	1172	1093	1131	1141	1067	1065	1048	1082	1129	1055	1001	910	1087	947	1022	1023	1097

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF NERVOUS SYSTEM.</b>																				
Inflammation of Brain or its Membranes*†	3436	3363	3777	3822	3888	3899	4340	4076	4025	3982	4068	3881	3660	3843	3299	3541	3384	3403	3521	3379
Apoplexy†	7414	7148	7186	7638	7894	8149	8473	8552	8733	8647	9051	9627	9299	9174	8725	9325	9353	9666	9796	10408
Softening of Brain	1408	1408	1371	1356	1433	1492	1497	1565	1448	1495	1555	1518	1393	1399	1192	1288	1178	1180	1238	1188
Hemiplegia, Brain Paralysis*†	5739	5307	5316	5397	5057	5006	5103	4840	4859	4563	4663	4670	4311	4076	3524	3968	3533	3534	3396	3427
Paralysis Agitans*	49	95	56	61	78	102	91	56	87	100	122	134	130	100	113	157	123	148	154	176
Insanity, General Paralysis of Insane†	872	970	870	1234	1159	1119	928	1030	1023	1008	1036	1124	1040	1204	1131	1330	1242	1439	1304	1376
Chorea	62	78	81	84	79	106	71	78	81	70	80	98	77	88	92	91	84	111	113	132
Epilepsy*	1300	1394	1322	1471	1494	1486	1499	1480	1416	1421	1492	1491	1351	1365	1253	1387	1273	1192	1311	1375
Convulsions	10250	9678	10174	9874	10046	9540	9981	9490	9125	9308	9444	9496	8982	9277	7881	8948	8113	7939	7861	7975
Laryngismus Stridulus	274	246	253	310	290	251	261	262	267	239	242	287	261	253	183	238	208	193	172	154
Idiopathic Tetanus	8	13	10	10	13	11	10	13	15	16	7	18	8	9	6	9	6	11	12	7
Paraplegia, Dis. of Spinal Cord*†	369	593	639	629	709	744	845	778	822	803	859	912	842	839	850	949	849	915	957	944
Other and undefined Dis. of Brain or Nervous System*†	1418	1821	1909	2142	2104	2011	1943	2080	2097	1801	1592	1635	1520	1729	1429	1576	1377	1280	1306	1320
<b>DISEASES OF ORGANS OF SPECIAL SENSE.</b>																				
Otitis, Otorrhœa	115	156	198	168	163	193	195	184	218	204	253	251	265	324	344	334	376	394	409	408
Epistaxis and Disease of Nose	27	35	29	43	42	29	44	54	36	43	29	38	36	45	44	41	44	43	40	32
Ophthalmia and Dis. of Eye	28	30	26	24	30	28	34	42	25	31	16	27	23	26	32	33	27	24	18	24
<b>DISEASES OF CIRCULATORY SYSTEM.</b>																				
Endocarditis, Valvular Disease*†	147	2780	2895	3083	3326	3712	3770	3901	4014	4078	4505	5006	4781	4887	4915	5413	5461	5566	5937	6479
Pericarditis*	174	190	199	207	215	225	228	228	227	176	274	305	262	283	252	248	254	205	217	272
Hypertrophy of Heart	196	172	164	185	174	164	148	141	157	144	127	148	128	110	98	119	87	84	102	107
Angina Pectoris	187	197	231	233	246	245	199	246	264	256	242	272	226	237	243	248	259	233	223	246
Syncope	1162	678	676	706	928	761	819	1051	896	922	1250	1301	943	770	700	830	701	659	645	513
Aneurism	183	173	191	167	191	216	194	170	180	195	174	185	180	198	191	195	198	191	182	176
Senile Gangrene	246	307	308	491	503	607	657	629	612	611	640	717	603	531	600	601	569	603	580	588
Embolism, Thrombosis	382	382	411	437	438	516	548	605	672	665	604	578	619	689	674	745	814	799	825	95e
Phlebitis	64	71	76	70	89	90	69	94	75	74	88	99	104	99	76	84	86	90	103	117
Varicose Veins*	55	55	66	56	57	65	50	55	52	68	54	72	78	78	64	53	69	72	64	58
Other and undefined Diseases of Heart or Circulatory System*†	15229	13352	13750	14798	15005	16740	17106	17317	17815	17539	18414	19404	17998	17491	16464	18589	16749	17431	17533	18779

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF NERVOUS SYSTEM.</b>																				
Inflammation of Brain or its Membranes*†	260	252	279	279	280	279	307	285	277	272	274	259	241	251	213	226	213	213	218	206
Apoplexy†	560	535	531	559	569	582	598	597	601	591	612	642	612	599	563	595	589	604	605	636
Softening of Brain	106	105	101	99	103	107	106	109	100	102	105	101	92	91	77	82	74	74	76	73
Hemiplegia, Brain Paralysis*†	434	397	393	394	364	358	360	338	335	311	315	312	284	266	227	253	223	221	210	209
Paralysis Agitans*	4	7	4	4	6	7	6	4	6	7	8	9	9	7	7	10	8	9	10	11
Insanity, General Paralysis of Insane†	66	73	64	90	84	80	66	72	70	69	70	75	68	79	73	85	78	90	81	84
Chorea	5	6	6	6	6	8	5	5	6	5	5	7	5	6	6	6	5	7	7	8
Epilepsy*	98	104	98	108	108	106	106	103	97	97	101	99	89	89	81	89	80	74	81	84
Convulsions	775	724	752	722	724	681	705	663	628	635	637	633	591	605	509	571	511	496	486	487
Laryngismus Stridulus	21	18	19	23	21	18	18	18	18	16	16	19	17	17	12	15	13	12	11	9
Idiopathic Tetanus	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	0
Paraplegia, Diseases of Spinal Cord*†	28	44	47	46	51	53	60	54	57	55	58	61	55	55	55	61	53	57	59	58
Other and undefined Diseases of Brain or Nervous System*†	107	136	141	157	152	144	137	145	144	123	107	109	100	113	92	101	87	80	81	81
<b>DISEASES OF ORGANS OF SPECIAL SYSTEM.</b>																				
Otitis, Otorrhœa	9	12	15	12	12	14	14	13	15	14	17	17	17	21	22	21	24	25	25	25
Epistaxis and Dis. of Nose	2	3	2	3	3	2	3	4	2	3	2	3	2	3	3	3	3	3	2	2
Ophthalmia and Dis. of Eye	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	2	2	1	1	1
<b>DISEASES OF CIRCULATORY SYSTEM.</b>																				
Endocarditis, Valvular Disease*†	11	208	214	225	240	265	266	272	276	278	304	334	315	319	317	346	344	348	367	396
Pericarditis*	13	14	15	15	15	16	16	16	16	12	18	20	17	18	16	16	16	13	13	17
Hypertrophy of Heart	15	13	12	14	13	12	10	10	11	10	9	10	8	7	6	8	5	5	6	7
Angina Pectoris	14	15	17	17	18	18	14	17	18	17	16	18	15	16	16	16	16	14	14	15
Syncope	88	51	50	52	67	54	58	73	62	63	84	87	62	50	45	53	44	41	40	31
Aneurism	14	13	14	12	14	15	14	12	12	13	12	12	12	13	12	13	12	12	11	11
Senile Gangrene	19	23	23	36	36	43	46	44	42	42	43	48	40	35	39	38	36	38	36	36
Embolism, Thrombosis	29	29	30	32	32	37	39	42	46	45	41	39	41	45	43	48	51	50	51	59
Phlebitis	5	5	6	5	6	6	5	7	5	5	6	7	7	6	5	5	5	6	6	7
Varicose Veins*	4	4	5	4	4	5	4	4	4	5	4	5	5	5	4	4	4	4	4	4
Other and undefined Diseases of Heart or Circulatory System*†	1151	998	1017	1082	1081	1196	1208	1209	1226	1197	1242	1294	1184	1142	1063	1187	1055	1089	1083	1148

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF RESPIRATORY SYSTEM.</b>																				
Laryngitis* .. .. .	426	520	660	685	750	737	692	765	730	664	718	637	634	767	634	630	625	590	512	571
Croup .. .. .	1666	1698	2165	2127	2166	1957	1678	1887	1661	1513	1385	1246	1018	949	803	756	744	501	394	453
Other Diseases of Larynx and Trachea* .. .. .	20	100	105	104	96	66	71	79	84	70	70	57	64	67	54	67	60	60	46	47
Empysema, Asthma .. .. .	857	1101	996	1069	956	1076	1000	1026	1002	876	1047	1302	1210	918	887	1064	843	857	962	1191
Bronchitis .. .. .	28322	27496	28535	28926	25965	30181	30957	29575	28466	27824	33418	37623	33787	28951	24700	30627	23848	23533	23651	26111
Pneumonia .. .. .	10560	9897	11068	11813	11059	12384	12005	13166	12729	12428	16235	17467	15660	16144	13972	15282	15075	14672	15328	16801
Pleurisy .. .. .	520	549	571	653	628	739	598	676	628	528	733	792	677	736	592	657	618	588	637	662
Other and undefined Diseases of Respiratory System*†	2502	1963	1981	2212	2172	2441	2335	2293	2124	1953	2187	2426	2139	1935	1663	1938	1749	1670	1595	1677
<b>DISEASES OF DIGESTIVE SYSTEM.</b>																				
Stomatitis (Dis. of Mouth)*† ..	265	188	234	227	297	253	258	284	251	308	242	259	243	337	247	301	245	236	242	257
Dentition .. .. .	1871	2072	2042	2112	2215	2065	2203	1880	1831	1956	2080	2107	1891	1860	1594	1880	1745	1656	1638	1551
Sore-throat, Quinsy* .. .. .	186	279	318	327	354	309	287	334	263	290	360	328	296	326	273	294	292	274	254	270
Dyspepsia* .. .. .	231	215	250	240	278	231	266	295	219	279	295	280	281	325	305	160	97	139	88	55
Hæmatemesis* .. .. .	145	135	151	189	170	162	160	137	145	150	148	130	116	129	102	124	107	132	109	113
Melæna .. .. .	60	58	67	69	79	75	77	85	73	60	50	56	59	64	47	57	60	66	49	62
Diseases of Stomach*† .. .. .	590	1352	1368	1316	1485	1490	1874	1874	1792	1896	2221	2251	2330	2605	2446	2819	2779	2767	2944	3252
Enteritis* .. .. .	1515	1369	1450	1471	1621	1476	1927	1848	1749	2227	2578	2526	2727	4062	2835	4961	4665	6235	7731	6563
Gastro-enteritis .. .. .	649	199	199	387	373	339	286	225	187	246	172	168	172	165	170	199	168	154	172	164
Ulceration of Intestine† .. .. .	919	874	897	917	914	979	976	1003	1030	1059	1024	1107	1014	1073	1108	1125	1122	1135	1134	1207
Ileus, Obstruction of Intestine ..	229	120	118	119	104	107	121	107	86	118	83	69	65	76	54	97	53	79	76	68
Stricture or Strangulation of Intestine† .. .. .	200	186	194	184	181	210	210	166	191	204	155	177	181	195	157	191	146	155	154	160
Intussusception of Intestine ..	581	560	547	551	585	557	599	612	601	676	638	657	686	719	596	686	663	677	703	805
Hernia .. .. .	29	18	20	36	41	36	40	27	24	37	23	27	28	19	21	23	36	19	28	22
Fistula .. .. .	1216	1158	1066	1260	1295	1255	1254	1205	1216	1256	1340	1431	1205	1394	1126	1112	1044	983	969	1010
Peritonitis .. .. .	280	266	287	257	226	225	223	174	152	160	108	108	106	112	80	113	103	91	85	96
Ascites .. .. .	133	156	147	138	141	160	148	205	194	194	224	179	197	212	298	335	304	327	332	335
Gallstones .. .. .	1231	1319	1323	1357	1508	1477	1531	1455	1454	1505	1561	1552	1580	1577	1490	1629	1690	1851	1828	1958
Cirrhosis of Liver .. .. .	3441	3209	3359	3206	3077	3054	3004	2815	2536	2535	2350	2256	2071	2063	1795	1765	1742	1559	1531	1497
Other Diseases of Liver* .. .. .	1035	539	569	481	362	276	282	310	407	339	348	326	281	322	280	217	263	259	264	201
Other and undefined Diseases of Digestive System*† ..																				
<b>DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.</b>																				
Diseases of Spleen .. .. .	77	59	57	68	65	69	59	46	44	60	49	45	47	52	41	38	35	38	32	24
Diseases of Lymphatic System* ..	26	87	104	50	76	65	76	74	103	104	78	98	117	106	105	107	108	118	105	118
Diseases of Thyroid Body .. .. .	67	70	88	80	92	97	100	112	109	126	142	132	140	213	166	185	196	205	255	279
Diseases of Supra-Renal Capsules ..	55	53	74	79	77	79	66	77	77	75	72	83	74	85	74	98	109	105	105	107

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF RESPIRATORY SYSTEM.</b>																				
Laryngitis* .. .. .	32	39	49	50	54	53	49	53	50	45	48	42	42	50	41	40	39	37	32	35
Croup .. .. .	126	127	160	155	156	140	119	132	114	103	93	83	67	62	52	48	47	31	24	28
Other Dis. of Larynx and Trachea* .. .. .	2	7	8	8	7	5	5	6	6	5	5	4	4	4	3	4	4	4	3	3
Empysema, Asthma .. .. .	65	82	74	78	69	77	71	72	69	60	71	87	80	60	57	68	53	54	59	73
Bronchitis .. .. .	2140	2056	2110	2114	1871	2156	2186	2065	1960	1899	2255	2510	2223	1890	1594	1956	1502	1470	1461	1596
Pneumonia .. .. .	798	740	818	863	797	885	848	919	876	848	1095	1165	1030	1053	902	976	949	917	947	1027
Pleurisy .. .. .	39	41	42	48	45	53	42	47	43	36	49	53	45	48	38	42	39	37	39	40
Other and undefined Diseases of Respiratory System*†	189	147	146	162	157	174	165	160	146	133	148	162	141	126	107	124	110	104	99	102
<b>DISEASES OF DIGESTIVE SYSTEM.</b>																				
Stomatitis (Dis. of Mouth)*† ..	20	14	17	17	21	18	18	20	17	21	16	17	16	22	16	19	15	15	15	16
Dentition .. .. .	141	155	151	154	160	148	156	131	126	133	140	141	124	121	103	120	110	103	101	95
Sore-throat, Quinsy* .. .. .	14	21	24	24	26	22	20	23	18	20	24	22	19	21	18	19	18	17	16	17
Dyspepsia* .. .. .	17	16	18	18	20	17	19	21	15	19	20	19	18	21	20	10	6	9	5	3
Hæmatemesis* .. .. .	11	10	11	14	12	12	11	10	10	10	10	9	8	8	7	8	7	8	7	7
Melæna .. .. .	5	4	5	5	6	5	5	6	5	4	3	4	4	4	3	4	4	4	3	4
Diseases of Stomach*† .. .. .	45	101	101	96	107	106	132	131	123	129	150	150	154	171	158	180	175	173	182	199
Enteritis* .. .. .	114	102	107	108	117	105	136	129	120	152	175	168	180	266	183	317	294	389	478	159
Gastro-Enteritis .. .. .	49	15	15	28	27	24	20	16	13	17	12	11	11	11	11	13	11	10	11	10
Ulceration of Intestine† .. .. .	69	65	66	67	66	70	69	70	71	72	69	74	67	70	72	72	71	71	70	74
Ileus, Obstruction of Intestine ..	17	9	9	9	7	8	9	7	6	8	6	5	4	5	3	6	3	5	5	4
Stricture or Strangulation of Intestine† .. .. .	15	14	14	13	13	15	15	12	13	14	10	12	12	13	10	12	9	10	10	10
Intussusception of Intestine ..	44	42	40	40	42	40	42	43	41	46	43	44	45	47	38	44	42	42	44	49
Hernia .. .. .	2	1	1	3	3	3	3	2	1	3	2	2	2	1	1	1	2	1	2	1
Fistula .. .. .	92	87	79	92	93	90	89	84	84	86	90	95	79	91	73	71	66	61	60	62
Peritonitis .. .. .	21	20	21	19	16	16	16	12	10	10	11	7	7	7	5	7	6	6	5	6
Ascites .. .. .	10	12	11	10	10	11	10	14	13	13	15	12	13	14	19	21	19	20	21	20
Gallstones .. .. .	93	99	98	99	109	106	108	102	100	103	105	104	104	103	96	104	106	116	113	120



TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF URINARY SYSTEM.</b>																				
Acute Nephritis .. .. .	460	456	484	538	503	539	540	528	598	621	752	756	771	810	850	908	984	1000	1035	1137
Bright's Disease, Albuminuria ..	2105	2265	2427	2814	2848	2984	3130	3086	3180	3215	3270	3462	3385	3464	3424	3872	3699	3783	3969	4273
Uræmia .. .. .	191	204	207	204	205	205	242	197	241	248	222	241	241	231	209	190	204	234	197	210
Suppression of Urine .. .. .	40	45	54	78	50	42	63	47	42	37	36	47	32	39	33	31	32	26	29	16
Calculus .. .. .	35	49	52	52	46	49	47	49	55	59	46	61	66	55	53	65	53	61	72	57
Hæmaturia .. .. .	20	34	51	40	50	36	41	46	38	24	29	32	24	32	24	23	13	25	18	23
Diseases of Bladder and of Prostate* ..	175	220	196	232	201	206	252	221	221	231	213	220	240	236	253	254	236	219	211	210
Other and undefined Diseases of Urinary System* ..	379	338	339	566	551	481	439	535	422	363	359	416	356	287	239	251	214	235	264	206
<b>DISEASES OF ORGANS OF GENERATION.</b>																				
Ovarian Disease* .. .. .	384	591	542	572	598	567	589	600	558	498	494	536	499	506	435	500	456	457	447	446
Diseases of Uterus and Vagina*†	743	701	647	669	683	700	680	678	614	617	648	648	675	723	734	688	710	745	682	709
Disorders of Menstruation* ..	84	98	98	91	94	73	63	85	84	81	87	77	63	71	76	91	73	74	65	88
Pelvic Abscess .. .. .	62	115	106	99	175	154	158	164	165	155	159	135	101	64	61	55	63	59	58	64
Perineal Abscess .. .. .	6	2	2	6	3	6	1	8	11	7	3	4	1	—	—	—	—	—	—	—
Dis. of Testes, Penis, Scrotum, &c.*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>DISEASES OF PARTURITION.</b>																				
Abortion, Miscarriage .. .. .	82	168	169	83	96	104	107	80	88	88	185	228	255	161	160	180	215	191	187	179
Puerperal Mania .. .. .	83	100	109	101	114	97	71	84	70	87	87	105	77	83	76	65	77	74	59	74
Puerperal Convulsions .. .. .	381	391	407	329	352	412	335	336	362	313	296	373	333	376	350	325	358	314	386	347
Placenta Prævia, Flooding ..	721	763	743	794	762	852	774	738	763	726	700	778	806	803	780	710	701	694	660	691
Phlegmasia Dolens .. .. .	68	76	77	85	112	114	82	71	71	57	60	96	83	71	90	78	70	62	60	65
Other and undefined Accidents of Childbirth* ..	498	442	455	500	443	450	430	401	420	462	971	1234	1284	1433	1152	1012	1087	1079	1015	1062
<b>DISEASES OF ORGANS OF LOCOMOTION.</b>																				
Caries, Necrosis* .. .. .	379	396	419	418	452	439	454	446	423	449	412	468	405	424	403	400	389	349	339	340
Arthritis, Ostitis, Periostitis ..	59	64	66	94	70	105	101	74	102	87	116	117	113	145	114	119	112	101	102	137
Other and undefined Diseases of Organs of Locomotion* ..	694	563	578	614	558	518	545	576	489	496	461	401	355	260	246	268	208	215	183	184
<b>DISEASES OF INTEGUMENTARY SYSTEM.</b>																				
Carbuncle .. .. .	73	68	48	58	50	64	48	52	41	61	59	56	67	55	40	47	57	59	57	59
Phlegmon, Cellulitis* .. .. .	153	68	99	106	116	105	110	114	145	95	144	117	150	208	145	169	192	174	175	194
Lupus .. .. .	39	42	35	42	45	36	54	55	53	47	40	60	53	38	38	54	45	38	37	42
Ulcer, Bedsore* .. .. .	339	326	332	380	359	336	389	374	371	349	352	365	378	359	368	372	308	379	366	361
Eczema .. .. .	140	128	155	144	164	152	183	159	146	162	154	180	188	205	148	188	163	147	177	153
Pemphigus .. .. .	32	28	50	34	43	34	35	32	46	61	49	59	44	67	58	68	79	73	69	74
Other and undefined Diseases of Integumentary System* ..	102	107	106	115	116	101	116	106	88	108	109	94	100	112	118	118	116	83	100	112

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>DISEASES OF URINARY SYSTEM.</b>																				
Acute Nephritis .. .. .	35	34	36	39	36	39	38	37	41	42	51	50	51	53	55	58	62	62	64	69
Bright's Disease, Albuminuria ..	159	169	179	206	205	213	221	215	219	219	221	231	223	226	221	247	233	236	245	261
Uræmia .. .. .	14	15	15	15	15	15	17	14	17	17	15	16	16	15	13	12	13	15	12	13
Suppression of Urine .. .. .	3	3	4	6	4	3	4	3	3	3	2	3	2	3	2	2	2	2	2	1
Calculus .. .. .	3	4	4	4	3	4	3	3	4	4	3	4	4	4	3	4	3	4	4	3
Hæmaturia .. .. .	2	3	4	3	4	3	3	3	3	2	2	2	2	2	1	1	1	2	1	1
Diseases of Bladder and of Prostate* ..	13	16	14	17	14	15	18	15	15	16	14	15	16	15	16	16	15	14	13	13
Other and undefined Diseases of Urinary System* ..	29	25	25	41	40	34	31	37	29	25	24	28	23	19	15	16	13	15	16	13
<b>DISEASES OF ORGANS OF GENERATION.</b>																				
Ovarian Disease* .. .. .	29	44	40	42	43	41	42	42	38	34	33	36	33	33	28	32	29	29	28	27
Diseases of Uterus and Vagina*†	56	52	48	49	49	50	48	47	42	42	44	43	44	47	47	44	45	47	42	43
Disorders of Menstruation* ..	6	7	7	7	7	5	4	6	6	6	6	5	4	5	5	6	5	5	4	5
Pelvic Abscess .. .. .	5	9	8	7	13	11	11	11	11	11	11	9	7	4	4	4	4	4	4	4
Perineal Abscess .. .. .	0	0	0	0	0	0	0	1	1	0	0	0	0	—	—	—	—	—	—	—
Dis. of Testes, Penis, Scrotum, &c.*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>DISEASES OF PARTURITION.</b>																				
Abortion, Miscarriage .. .. .	6	13	12	6	7	7	8	6	6	6	12	15	17	10	10	11	14	12	12	11
Puerperal Mania .. .. .	6	7	8	7	8	7	5	6	5	6	6	7	5	5	5	4	5	5	4	5
Puerperal Convulsions .. .. .	29	29	30	24	25	29	24	23	25	21	20	25	22	25	23	21	23	20	24	21
Placenta Prævia, Flooding ..	54	57	55	58	55	61	55	52	53	50	47	52	53	52	50	45	44	43	41	42
Phlegmasia Dolens .. .. .	5	6	6	6	8	8	6	5	5	4	4	6	5	5	6	5	4	4	4	4
Other and undefined Accidents of Childbirth* ..	38	33	34	37	32	32	30	28	29	32	66	82	85	94	74	65	68	67	63	65
<b>DISEASES OF ORGANS OF LOCOMOTION.</b>																				
Caries, Necrosis* .. .. .	29	30	31	31	33	31	32	31	29	31	28	31	27	28	26	26	25	22	21	21
Arthritis, Ostitis, Periostitis ..	4	5	5	7	5	8	7	5	7	6	8	8	7	9	7	8	7	6	6	8
Other and undefined Diseases of Organs of Locomotion* ..	52	42	43	45	40	37	38	40	34	34	31	27	23	17	16	17	13	13	11	11
<b>DISEASES OF INTEGUMENTARY SYSTEM.</b>																				
Carbuncle .. .. .	6	5	4	4	4	5	3	4	3	4	4	4	4	4	3	3	4	4	4	4
Phlegmon, Cellulitis* .. .. .	12	5	7	8	8	8	8	8	10	6	10	8	10	14	9	11	12	11	11	12
Lupus .. .. .	3	3	3	3	3	3	4	4	4	3	3	4	3	2	2	3	3	2	2	3
Ulcer, Bedsore* .. .. .	26	24	25	28	26	24	27	26	26	24	24	24	25	23	24	24	19	24	23	22
Eczema .. .. .	11	10	11	11	12	11	13	11	10	11	10	12	12	13	10	12	10	9	11	9
Pemphigus .. .. .	2	2	4	2	3	2	2	2	3	4	3	4	3	4	4	4	5	5	4	5
Other and undefined Diseases of Integumentary System* ..	8	8	8	8	8	7	8	7	6	7	7	6	7	7	8	8	7	5	6	7

\* See note \*, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>ACCIDENT OR NEGLIGENCE.</b>																				
In Mines and Quarries .. ..												1	1	1	1	—	3	—	1	—
Vehicles and Horses .. ..												326	325	296	289	322	280	351	390	372
Ships, Boats, and Docks (not Drowning) .. ..												1	2	1	—	7	1	1	1	2
Building Operations .. ..												—	—	—	—	—	—	—	—	—
Machinery .. ..												11	15	17	13	11	12	11	9	15
Weapons and Implements .. ..												48	58	46	17	8	20	17	15	23
Burns and Scalds .. ..	3946	4290	3944	4172	4104	4132	4048	4415	4362	4235	4663	1202	1300	1290	1186	1643	1470	1407	1330	1531
Poisons, Poisonous Vapours .. ..												186	174	197	189	209	216	242	213	204
Drowning .. ..												435	406	404	417	413	400	473	429	461
Suffocation .. ..												1103	986	1021	975	1083	1053	1019	1064	1050
Falls .. ..												980	966	1089	1015	1188	1174	1230	1256	1382
Weather Agencies .. ..												66	65	89	37	101	61	80	81	115
Otherwise or not stated .. ..												550	535	590	542	538	504	477	453	545
Homicide .. ..	142	166	149	134	148	137	130	171	146	131	126	157	147	152	136	150	147	132	145	148
Suicide .. ..	483	479	519	517	493	478	560	559	576	544	570	620	676	659	677	726	677	702	711	723
Execution .. ..	—	—	—	1	3	—	1	1	—	—	—	1	—	—	1	—	1	—	—	1
<b>ILL-DEFINED AND NOT SPECIFIED CAUSES.</b>																				
Dropsy* .. ..	1271	1148	1089	1119	501	262	200	195	199	167	170	162	152	126	118	115	83	76	100	125
Debility, Atrophy, Inanition* .. ..	13193	10503	10840	11355	11612	10243	11037	10077	9416	9703	10003	9861	9585	10328	8287	10013	8805	9034	9092	9108
Mortification*† .. ..	275	256	215	119	90	76	35	47	29	18	30	33	31	17	23	21	11	21	21	20
Tumour† .. ..	144	241	229	246	269	228	240	117	86	98	100	79	90	74	78	74	49	77	53	56
Abscess† .. ..	—	311	351	328	344	326	318	321	285	307	297	272	294	277	232	185	199	197	189	185
Hæmorrhage† .. ..	—	70	70	72	62	70	59	74	42	52	62	45	56	75	58	55	46	38	48	40
Sudden Deaths (Cause unas- certained) .. ..	910	133	128	165	202	185	178	198	159	155	194	141	172	151	121	143	127	83	90	83
Other ill-defined Causes* .. ..	506	1578	1426	1637	1540	1403	1370	1358	1227	1171	1168	1142	989	835	762	888	768	800	753	686
Not specified Causes .. ..																				

\* See note \*, p. lxxiv

† See note †, p. lxxiv

TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1880-99.—Females.

CAUSES OF DEATH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>ACCIDENT OR NEGLIGENCE.</b>																				
In Mines and Quarries .. ..												0	0	0	0	—	0	—	0	—
Vehicles and Horses .. ..												22	21	19	19	21	18	22	24	23
Ships, Boats, and Docks (not Drowning) .. ..												0	0	0	—	0	0	0	0	0
Building Operations .. ..												—	—	—	—	—	—	—	—	—
Machinery .. ..												1	1	1	1	1	1	1	1	1
Weapons and Implements .. ..	298	321	292	305	296	295	286	308	302	289	315	3	4	3	1	1	1	1	1	1
Burns and Scalds .. ..												80	86	84	77	105	93	88	82	94
Poisons, Poisonous Vapours .. ..												11	11	13	12	13	14	15	13	12
Drowning .. ..												29	27	26	27	26	25	30	27	28
Suffocation .. ..												74	65	67	63	69	66	64	66	64
Falls .. ..												65	64	71	66	76	74	77	78	84
Weather Agencies .. ..												4	4	6	2	6	4	5	5	7
Otherwise or not stated .. ..												37	35	39	35	34	32	30	28	33
Homicide .. ..	11	12	11	10	11	10	9	12	10	9	9	10	10	10	9	10	9	8	9	9
Suicide .. ..	36	36	38	38	36	34	40	39	40	37	38	41	44	43	44	46	43	44	44	44
Execution .. ..	—	—	—	0	0	—	0	0	—	—	—	0	—	—	0	—	0	—	—	0
<b>ILL-DEFINED AND NOT SPECIFIED CAUSES.</b>																				
Dropsy* .. ..	96	86	81	82	36	19	14	14	14	11	11	11	10	8	8	7	5	5	6	8
Debility, Atrophy, Inanition* .. ..	997	786	801	830	837	732	780	704	648	662	675	656	631	674	535	639	555	564	562	557
Mortification*† .. ..	21	19	16	9	6	5	2	3	2	1	2	2	2	1	1	1	1	1	1	1
Tumour† .. ..	11	18	17	18	19	16	17	8	6	7	7	5	6	5	5	5	3	5	3	3
Abscess† .. ..	—	23	26	24	25	23	22	22	20	21	20	18	19	18	15	12	13	12	12	11
Hæmorrhage† .. ..	—	5	5	5	4	5	4	5	3	4	4	3	4	5	4	4	3	2	3	2
Sudden Deaths (Cause unas- certained) .. ..	69	10	9	12	15	13	13	14	11	11	13	9	11	10	8	9	8	5	6	5
Other ill-defined Causes* .. ..	37	117	109	118	112	94	102	101	84	79	80	76	65	54	52	54	48	45	46	43
Not specified Causes .. ..																				

\* For note \*, see page lxxiv

† For note †, see page lxxiv



TABLE 23.-ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, in Groups of Years, 1861-95.

CAUSES OF DEATH.*	5 Years 1861-65.	5 Years 1866-70.	5 Years 1871-75.	5 Years 1876-80.	5 Years 1881-85.	5 Years 1886-90.	5 Years 1891-95.
ALL CAUSES .. .. .	22582·0	22424·6	21962·4	20791·0	19403·0	18894·6	18737·8
Small-pox .. .. .	218·6	104·8	410·8	78·4	78·0	13·6	20·0
Measles .. .. .	456·6	428·4	373·2	384·8	413·0	468·4	407·8
Scarlet Fever .. .. .	982·4	959·8	758·6	679·6	435·8	240·6	182·4
Typhus .. .. .	921·8	849·8	81·4	34·2	22·8	6·6	3·8
Enteric Fever .. .. .			373·8	277·2	216·0	179·2	173·6
Simple and Ill-defined Fever			140·2	69·2	34·2	16·6	8·0
Whooping Cough .. .. .	515·8	545·0	498·6	527·0	458·6	443·6	398·4
Diphtheria .. .. .	247·6	126·8	120·8	121·8	156·2	169·6	253·0
Other Miasmatic Diseases .. .. .	46·0	39·6	25·4	18·4	16·4	45·4	425·0
Cholera .. .. .	42·4	172·4	30·6	20·4	16·2	14·0	21·4
Diarrhoea, Dysentery .. .. .	874·0	1062·8	1000·4	832·4	655·8	667·0	630·4
Malarial Diseases .. .. .	16·2	10·0	8·4	7·8	11·4	6·4	3·8
Hydrophobia .. .. .	0·4	0·8	2·0	1·8	1·2	0·6	0·2
Other Zoogenous Diseases .. .. .	0·6	1·0	1·2	1·8	2·4	1·8	1·8
Venereal Diseases .. .. .	77·6	90·8	92·6	95·6	93·4	83·6	79·6
Erysipelas .. .. .	87·4	82·4	105·6	80·8	82·8	54·2	47·8
Puerperal Fever .. .. .	56·0	55·6	86·6	61·6	92·6	76·4	76·6
Other Septic Diseases .. .. .	8·3	14·6	20·8	23·8	23·6	14·6	13·2
Thrush .. .. .	50·0	49·8	49·8	48·0	29·4	22·0	14·6
Other Parasitic Diseases .. .. .	8·6	7·6	7·0	9·0	7·2	5·8	4·6
Intemperance .. .. .	41·6	35·4	37·6	42·4	48·2	56·0	68·0
Other Dietetic Diseases .. .. .	30·4	26·6	21·2	25·0	15·6	11·4	12·0
Rheumatic Fever, Rheumatism } of Heart .. .. .	108·2	115·0	127·2	62·0	97·6	89·2	88·0
Rheumatism .. .. .				77·0	34·8	33·0	31·6
Cancer .. .. .	367·8	403·8	445·6	493·6	547·6	631·6	712·2
Phthisis .. .. .	2526·6	2447·8	2218·0	2039·8	1830·4	1635·4	1463·6
Other Tubercular and Scrofulous } Diseases .. .. .	784·4	752·4	722·6	775·0	710·2	687·0	659·8
Diabetes Mellitus .. .. .							
Other Constitutional Diseases .. .. .	51·2	63·8	59·6	87·0	108·0	131·0	156·0

\* The figures for certain diseases prior to 1881 cannot be shewn, and for other diseases the figures are only approximate. For table of changes of classification, see the Registrar-General's Report for 1894 pp. lxxiv-lxxix.

TABLE 23 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, in Groups of Years, 1861-95.

CAUSES OF DEATH.*	5 Years 1861-65.	5 Years 1866-70.	5 Years 1871-75.	5 Years 1876-80.	5 Years 1881-85.	5 Years 1886-90.	5 Years 1891-95.
Premature Birth .. .. .	392·4	406·0	446·8	472·8	475·2	507·2	562·4
Atelectasis .. .. .	?	?	?	?	23·6	26·0	33·0
Congenital Malformations .. .. .	61·6	64·8	65·6	84·4	84·4	80·6	85·0
Old Age .. .. .	1352·8	1275·8	1206·8	1072·2	1014·0	975·8	929·0
Convulsions .. .. .	1258·0	1204·0	1111·2	971·4	848·0	770·0	688·4
Other Diseases of Nervous System	1546·0	1605·2	1715·8	1803·4	1807·6	1779·6	1600·0
Diseases of Organs of Special } Sense .. .. .	8·0	8·6	7·6	13·4	19·6	22·8	28·4
Diseases of Circulatory System..							
Croup .. .. .	287·6	208·0	184·2	154·2	163·4	125·8	70·0
Other Diseases of Respiratory } System .. .. .	3320·6	3394·2	3685·4	3795·6	3549·8	3639·2	3677·4
Dentition .. .. .							
Diseases of Liver, Ascites.. .. .	416·0	417·6	427·8	423·6	373·6	324·8	269·6
Other Diseases of Digestive } System .. .. .	603·0	566·0	558·6	571·4	567·8	615·8	707·0
Diseases of Spleen .. .. .							
Diseases of Lymphatic System..	?	?	?	1·8	7·0	7·8	9·0
Diseases of other Ductless } Glands .. .. .	1·8	3·8	4·4	7·8	8·6	10·6	11·8
Diseases of Urinary System .. .. .							
Diseases of Organs of Generation	62·0	62·8	59·6	58·2	59·6	55·4	48·6
Diseases of Parturition .. .. .	113·4	106·0	107·6	80·4	72·4	66·2	91·4
Diseases of Organs of Locomotion	106·4	98·2	101·6	108·0	94·0	86·2	62·4
Diseases of Integumentary System	72·5	65·8	66·0	75·0	64·6	63·0	64·4
Accident or Negligence .. .. .	689·6	677·8	670·6	630·4	579·8	543·8	563·6
Homicide .. .. .	19·4	19·0	16·6	14·0	12·6	11·0	10·4
Suicide .. .. .	65·2	66·4	66·0	73·6	74·8	79·4	88·6
Execution .. .. .	0·8	0·4	0·4	1·0	0·4	0·8	0·4
Ill-defined and not specified } Causes .. .. .	2207·6	2117·6	1829·6	1384·8	1139·8	941·6	838·8

\* See note on preceding page.



TABLE 24.—ENGLAND AND WALES.—Annual Death-rates from the Principal Zymotic Diseases and Infant Mortality, 1850-99.

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.	Diarrhoea and Dysentery.	Cholera.	
Cols. :—1	2	3	4	5	6	7	8	9	10	11	12
1833-42 (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	530	886			968	107	154
1871-80	245	379	719	121	513	58	326	105	916	26	149
1881-90	46	441	338	163	451	15	198	25	661	15	142
1850	262	398	753		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	493	193	390	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	38	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	36	598	15	137
1884	82	419	402	186	425	12	236	28	978	30	147
1885	103	533	233	164	481	12	175	24	492	11	138
1886	11	436	218	149	470	9	184	22	899	19	149
1887	19	602	282	160	404	8	185	18	727	17	145
1888	37	347	226	171	436	6	172	15	455	8	136
1889	1	518	235	189	430	5	176	15	648	12	144
1890	0	439	242	179	478	5	179	13	606	14	151
1891	2	436	171	173	468	5	168	11	469	11	149
1892	15	460	190	222	455	3	137	8	505	15	148
1893	49	374	235	318	342	5	229	9	954	45	159
1894	27	391	167	292	411	4	159	7	350	8	137
1895	7	378	149	260	316	2	175	5	874	28	161
1896	18	572	178	292	431	2	166	5	546	18	148
1897	1	409	147	246	368	2	156	4	840	31	156
1898	8	421	113	244	324	1	182	4	923	35	160
1899	5	315	117	293	319	1	199	4	937	38	163

TABLE 25.—LONDON.\*—Annual Death-rates from the Principal Zymotic Diseases, and Infant Mortality, 1850-99.

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.	Diarrhoea and Dysentery.	Cholera.	
Cols. :—1	2	3	4	5	6	7	8	9	10	11	12
1833-40 (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			1030	514	155
1861-70	276	576	1133	179	882	904			1040	243	162
1871-80	457	510	600	122	815	55	244	75	949	38	158
1881-90	145	636	335	259	693	8	189	18	748	23	152
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	158
1854	277	563	1389		999	1125			1328	4289	164
1855	408	345	1025		957	966			860	58	152
1856	204	569	700		805	1045			929	58	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	758	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			1083	1840	172
1867	436	370	470	145	738	708			992	78	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	158
1873	34	637	191	95	777	82	269	96	1171	48	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	146
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	930	20	186	35	989	35	158
1881	619	663	553	172	516	24	254	35	799	25	148
1882	111	605	519	222	1212	14	252	25	555	20	151
1883	35	626	514	244	410	14	247	26	680	21	146
1884	313	575	362	241	799	8	234	20	988	41	156
1885	357	731	181	227	624	7	150	20	684	19	148
1886	6	519	172	212	714	3	154	18	994	34	159
1887	2	716	356	235	723	5	151	11	937	26	158
1888	2	590	295	319	728	2	169	9	537	13	146
1889	—	558	190	391	432	4	130	10	650	15	141
1890	1	773	206	331	768	2	146	9	658	20	163
1891	2	428	142	340	680	3	132	10	577	17	155
1892	10	799	273	461	587	3	102	5	598	20	155
1893	48	384	370	761	541	1	161	5	797	31	164
1894	20	759	223	624	483	1	147	3	402	7	143
1895	13	614	189	535	346						



TABLE 26.—ENGLAND AND WALES.—Death-rates from several Causes in Registration Counties, 1899.

REGISTRATION COUNTY.	Estimated Population in the middle of 1899.*	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.	Tabes Mesenterica.	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.	
<b>ENGLAND &amp; WALES</b>	<b>31742588</b>	<b>18329</b>	<b>5</b>	<b>315</b>	<b>117</b>	<b>293</b>	<b>319</b>	<b>1</b>	<b>199</b>	<b>4</b>	<b>937</b>	<b>38</b>	<b>829</b>	<b>198</b>	<b>1336</b>	<b>377</b>	<b>2077</b>	<b>1708</b>	<b>3209</b>	<b>1422</b>	<b>485</b>	<b>43</b>	<b>60</b>	<b>76</b>	<b>688</b>	<b>3593</b>	
<b>I.—LONDON.</b>																											
London†	4,546,752	19368	—	469	79	432	378	0	176	0	924	33	944	216	1824	458	1652	1675	3829	1488	572	62	50	50	828	3229	
<b>II.—SOUTH EASTERN.</b>																											
Surrey	680,383	15091	—	123	46	195	297	—	73	4	725	34	804	81	1166	347	1984	1565	2171	1192	451	34	51	60	578	3110	
Kent	892,012	16677	4	172	77	415	300	—	159	1	816	30	912	155	1240	378	1784	1704	2345	1228	497	39	37	58	657	3743	
Sussex	606,922	15804	—	48	36	330	226	—	152	2	840	21	970	127	1242	288	1641	1783	2239	1030	443	35	31	51	526	3769	
Hampshire	748,603	17626	—	240	72	337	287	—	218	3	1039	71	935	175	1495	333	1917	1958	2471	1147	445	31	44	45	606	3757	
Berkshire	285,405	15017	—	123	56	130	347	—	88	—	543	7	932	84	1104	357	1818	1724	1990	999	448	35	56	56	585	3535	
<b>III.—SOUTH MIDLAND.</b>																											
Middlesex	803,719	14744	4	268	144	261	269	—	92	1	1043	68	661	170	1074	327	1610	1191	2334	1316	365	34	45	54	516	2897	
Hertfordshire	225,219	16300	—	93	18	147	240	—	200	—	733	53	1012	93	1239	280	1781	1865	2717	1292	480	44	18	107	533	3355	
Buckinghamshire	171,147	15484	—	47	70	269	222	—	111	—	590	18	929	53	970	205	1817	1642	2372	1250	596	29	18	99	497	3680	
Oxfordshire	192,716	15043	—	270	21	93	187	—	26	—	394	—	1007	78	960	280	1847	1827	2050	1038	540	42	21	83	415	3864	
Northamptonshire	334,829	15462	—	182	134	137	191	—	164	—	708	18	869	146	1186	308	1831	1523	2512	890	394	51	48	69	504	3597	
Huntingdonshire	47,765	16560	—	21	21	188	147	—	147	—	670	—	1361	105	775	335	1947	2031	2240	733	481	21	—	42	712	4583	
Bedfordshire	175,497	16285	—	125	23	382	405	—	40	—	855	28	906	137	1048	370	2194	1561	2444	1100	462	40	23	68	416	3658	
Cambridgeshire	199,531	14850	—	65	30	170	221	—	65	—	396	10	1138	150	1123	266	1639	1659	1914	1108	411	35	35	70	601	3744	
<b>IV.—EASTERN.</b>																											
Essex	987,151	16819	—	405	49	455	355	1	204	4	1099	59	708	176	1100	330	1680	1438	2761	1496	368	34	59	52	625	3361	
Suffolk	360,120	16064	—	128	44	150	228	—	167	8	492	8	1014	125	1130	300	1624	1805	2116	1019	569	36	44	61	641	4355	
Norfolk	469,601	16618	2	136	83	343	511	—	215	2	660	6	1050	96	975	277	2076	1627	2095	994	449	32	55	45	468	4421	
<b>V.—SOUTH WESTERN.</b>																											
Wiltshire	259,513	16438	—	92	69	92	270	—	96	—	559	15	844	135	933	258	1865	2058	2898	1079	493	27	58	104	640	3853	
Dorsetshire	191,472	16425	—	89	63	131	94	—	84	—	710	5	1060	94	1165	225	2136	1807	2465	1092	480	37	26	73	527	4062	
Devonshire	657,155	17594	—	128	18	88	400	—	146	2	583	49	954	145	1359	344	2109	2009	2904	1313	526	68	44	68	572	3763	
Cornwall	310,716	16629	—	13	42	84	370	—	148	6	541	13	930	180	1097	267	1928	1851	2436	1036	550	51	35	77	560	4414	
Somersetshire	462,156	16919	—	108	17	106	197	—	67	2	498	22	984	121	1121	314	2062	2077	2806	1142	502	39	39	69	589	4037	

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\* The population of London has been estimated to the middle of 1899 from the numbers enumerated at the Censuses of 1891 and 1896; the populations of the other counties from the numbers enumerated at the Censuses of 1881 and 1891.  
† See note to Table 25.

TABLE 26 (continued).—ENGLAND AND WALES.—Death-rates from several Causes in Registration Counties, 1899.

REGISTRATION COUNTY.	Estimated Population in the middle of 1899.*	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.	Tabes Mesenterica.	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.	
<b>VI.—WEST MIDLAND.</b>																											
Gloucestershire	628,111	17799	—	271	48	127	295	—	96	—	782	14	1000	146	1261	353	2117	2033	3151	1126	497	49	72	75	634	3652	
Herefordshire	109,136	17235	—	18	37	137	137	—	9	—	238	—	1063	92	953	348	2181	2208	2520	1173	706	37	82	64	596	4636	
Shropshire	244,789	17824	—	49	61	221	364	—	69	4	310	16	976	139	1042	323	1998	2431	2831	1262	519	37	53	57	727	4335	
Staffordshire	1,189,621	19564	—	66	217	290	339	—	293	3	1257	20	667	234	1076	317	2337	1574	3586	1761	408	35	86	93	722	4182	
Worcestershire	456,005	16816	—	72	86	252	217	—	147	—	752	15	882	206	1081	340	1842	1706	2721	1325	500	37	75	66	634	3860	
Warwickshire	861,617	19542	—	272	75	227	315	—	254	2	1350	14	860	162	1412	353	2065	1542	3419	1777	539	48	58	88	771	3939	
<b>VII.—NORTH MIDLAND.</b>																											
Leicestershire	426,914	17095	—	98	134	649	286	—	185	—	981	12	757	176	1014	347	1925	1527	2729	1258	384	26	63	61	738	3745	
Rutlandshire	21,319	14166	—	—	188	188	—	—	—	—	328	—	704	235	1032	281	1782	1595	2111	891	469	—	—	—	704	3564	
Lincolnshire	468,563	16956	15	190	92	134	188	—	207	9	711	88	939	139	990	354	2350	1754	2318	1180	416	53	75	66	672	4016	
Nottinghamshire	565,201	18790	—	674	195	115	186	—	347	7	1212	23	835	255	1010	356	2051	1658	3174	1550	448	58	74	88	623	3851	
Derbyshire	472,100	16778	—	422	203	102	203	—	159	—	686	17	684	208	1017	307	2245	1612	2779	1334	392	55	51	87	616	3599	
<b>VIII.—NORTH WESTERN.</b>																											
Cheshire	778,684	17842	—	423	113	148	362	1	206	3	788	30	863	223	1204	358	1989	1785	3022	1465	468	27	83	95	682	3504	
Lancashire	4,374,441	21082	0	611	203	221	378	4	262	9	1343	65	704	249	1513	410	2347	1760	4353	1637	494	44	80	91	740	3564	
<b>IX.—YORK.</b>																											
West Riding	2,695,612	18437	5	330	199	428	289	—	257	2	916	50	746	227	1298	411	2372	1727	3284	1311	501	42	66	86	600	3290	
East Riding (with York)	432,087	18165	331	310	120	139	389	—	190	—	1171	9	873	211	1238	393	2532	1680	2562	1278	442	51	51	76	826	3293	
North Riding	369,973	18601	—	495	111	151	205	—	181	11	860	19	916	270	1149	449	2357	1595	3576	1222	478	57	51	84	697	3667	
<b>X.—NORTHERN.</b>																											
Durham	1,160,588	19413	—	414	216	83	286	3	290	12	1023	49	626	371	1282	468	2396	1518	3444	1761	413	30	80	98	788	3762	
Northumberland	571,978	20057	—	308	94	177	439	2	191	3	871	37	752	323	1589	463	2334	1900	3100	2014	446	56	52	107	850	3949	
Cumberland	279,104	15371	4	54	133	86	391	—	100	—	319	7	849	161	1197	383	1680	1802	2490	1107	494	32	61	79	709	3233	
Westmorland	67,506	12947	—	30	59	104	104	—	104	—	148	15	770	119	889	563	2000	1837	1644	711	252	89	15	74	430	2990	
<b>XI.—WELSH.</b>																											
Monmouthshire	312,866	18765	—	160	42	623	316	—	256	13	1032	70	668	147	863	246	2266	1640	3685	1851	384						



TABLE 27.—ENGLAND AND WALES.—Death-rates from the Principal Zymotic Diseases, Systems, and from Puerperal Fever, and Childbirth

REGISTRATION COUNTY.	TO A MILLION PERSONS LIVING.													
	Small-pox.		Measles.		Scarlet Fever.		Diphtheria.		Fever.					
									Typhus.		Enteric.		Simple and Ill-defined.	
	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.
ENGLAND & WALES	13	5	440	315	183	117	242	293	3	1	173	199	8	4
I.—LONDON.														
London*	2	—	625	469	193	79	494	432	2	0	135	176	5	0
II.—SOUTH EASTERN.														
Surrey	4	—	274	123	57	46	262	195	0	—	86	73	6	4
Kent	52	4	288	172	81	77	329	415	1	—	133	159	4	1
Sussex	4	—	236	48	43	36	291	330	0	—	130	152	2	2
Hampshire	5	—	282	240	71	72	179	337	—	—	142	218	10	3
Berkshire	3	—	241	123	55	56	192	130	2	—	69	88	4	—
III.—SOUTH MIDLAND.														
Middlesex	3	4	383	268	214	144	311	261	1	—	120	92	5	1
Hertfordshire	7	—	281	93	67	18	183	147	1	—	83	200	2	—
Buckinghamshire	3	—	313	47	58	70	209	269	2	—	99	111	3	—
Oxfordshire	2	—	294	270	61	21	200	93	1	—	60	26	4	—
Northamptonshire	3	—	409	182	141	134	129	137	—	—	126	164	3	—
Huntingdonshire	8	—	164	21	61	21	140	188	2	—	89	147	—	—
Bedfordshire	4	—	250	125	102	23	208	382	1	—	86	40	4	—
Cambridgeshire	1	—	192	65	58	30	184	170	2	—	124	65	5	—
IV.—EASTERN.														
Essex	18	—	403	405	130	49	423	455	1	1	180	204	6	4
Suffolk	1	—	228	128	61	44	259	150	1	—	98	167	6	8
Norfolk	2	2	206	136	84	83	209	343	1	—	196	215	5	2
V.—SOUTH WESTERN.														
Wiltshire	2	—	222	92	74	69	178	92	—	—	59	96	3	—
Dorsetshire	3	—	181	89	73	63	159	131	1	—	86	84	6	—
Devonshire	3	—	332	128	167	18	157	88	1	2	137	146	9	2
Cornwall	4	—	245	13	143	42	147	84	1	—	126	148	6	6
Somersetshire	5	—	313	108	126	17	128.	106	1	—	78	67	3	2
VI.—WEST MIDLAND.														
Gloucestershire	92	—	324	271	99	48	173	127	1	—	94	96	4	—
Herefordshire	6	—	183	18	110	37	173	137	—	—	44	9	4	—
Shropshire	2	—	168	49	108	61	213	221	2	—	95	69	2	4
Staffordshire	18	—	554	66	223	217	180	290	1	1	201	293	8	3
Worcestershire	8	—	331	72	98	86	181	252	1	—	115	147	9	—
Warwickshire	36	—	450	272	184	75	206	227	1	—	147	254	8	2
VII.—NORTH MIDLAND.														
Leicestershire	10	—	406	98	180	134	225	649	1	—	186	185	2	—
Rutlandshire	—	—	137	—	68	188	151	188	—	—	55	—	5	—
Lincolnshire	3	15	168	190	119	92	157	134	—	—	176	207	6	9
Nottinghamshire	5	—	387	674	194	195	99	115	0	—	256	347	5	7
Derbyshire	26	—	431	422	180	203	137	102	1	—	149	159	5	—
VIII.—NORTH WESTERN.														
Cheshire	8	—	405	423	179	113	211	148	7	1	203	206	10	3
Lancashire	13	0	633	611	305	203	190	221	12	4	260	262	14	9
IX.—YORKSHIRE.														
West Riding	27	5	465	330	243	199	153	428	2	—	206	257	10	2
East Riding (with York)	7	331	360	310	135	120	126	139	1	—	240	190	10	—
North Riding	67	—	251	495	135	111	147	151	4	—	256	181	14	11
X.—NORTHERN.														
Durham	7	—	522	414	207	216	137	83	10	3	318	290	20	12
Northumberland	3	—	410	308	164	94	156	177	4	2	204	191	17	3
Cumberland	3	4	511	54	208	133	111	86	10	—	75	100	7	—
Westmorland	—	—	210	30	87	59	135	104	—	—	101	104	3	—
XI.—WELSH.														
Monmouthshire	4	—	521	160	239	42	243	623	1	—	146	256	9	13
South Wales	3	—	420	44	285	74	256	778	3	—	184	248	7	6
North Wales	2	—	206	175	155	82	217	130	1	—	138	134	9	—

\* See Note to Table 25.

from Phthisis, from Diseases of Circulatory, Respiratory (excluding Croup), and Urinary in Registration Counties, 1889-98, and 1899.

REGISTRATION COUNTY.	TO A MILLION PERSONS LIVING.														TO 1000 BIRTHS.	
	Whooping-cough.		Diarrhoea.		Phthisis.		Circulatory Diseases.		Respiratory Diseases (excluding Croup).		Urinary Diseases.		Puerperal Fever and Accidents of Childbirth.		REGISTRATION COUNTY.	
	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.	Ten Years 1889 to 1898.	1899.		
ENGLAND & WALES.	402	319	672	937	1454	1336	1660	1708	3461	3177	453	485	5'04	4'66		ENGLAND & WALES.
I.—LONDON.																
London.*	538	378	711	924	1828	1824	1550	1675	3954	3812	518	572	3'92	3'40	London.*	
II.—SOUTH EASTERN.																
Surrey	316	297	403	725	1290	1166	1549	1565	2281	2159	401	451	4'11	4'51	Surrey.	
Kent	299	300	494	816	1307	1240	1616	1704	2402	2312	429	497	4'17	3'61	Kent.	
Sussex	257	226	391	840	1389	1242	1681	1783	2298	2224	439	443	4'28	4'40	Sussex.	
Hampshire	291	287	470	1039	1551	1495	1725	1958	2436	2435	483	445	4'14	3'53	Hampshire.	
Berkshire	253	347	360	543	1191	1104	1786	1724	2398	1972	458	448	4'61	4'63	Berkshire.	
III.—SOUTH MIDLAND.																
Middlesex	388	289	631	1043	1121	1074	1222	1191	2526	2314	359	365	4'04	3'60	Middlesex.	
Hertfordshire	302	240	394	733	1261	1239	1973	1865	2388	2655	454	480	3'96	4'91	Hertfordshire.	
Buckinghamshire	287	222	328	590	1066	970	1687	1642	2525	2343	455	596	4'16	4'56	Buckinghamshire.	
Oxfordshire	275	187	305	394	1153	960	1873	1827	2543	2045	461	540	4'41	4'40	Oxfordshire.	
Northamptonshire	361	191	507	708	1231	1186	1568	1523	2566	2482	379	394	4'53	3'98	Northamptonshire.	
Huntingdonshire	257	147	339	670	1154	775	1478	2031	2619	2219	410	481	3'76	3'70	Huntingdonshire.	
Bedfordshire	315	405	488	855	1171	1048	1630	1561	2330	2421	421	462	4'38	3'70	Bedfordshire.	
Cambridgeshire	336	221	395	396	1380	1123	1758	1659	2463	1914	474	411	4'06	4'22	Cambridgeshire.	
IV.—EASTERN.																
Essex	411	355	632	1099	1183	1100	1405	1438	2819	2749	338	368	3'95	3'62	Essex.	
Suffolk	366	228	430	492	1353	1130	1702	1805	2567	2110	457	569	4'16	3'99	Suffolk.	
Norfolk	329	511	539	660	1198	975	1754	1627	2493	2080	422	449	4'63	3'72	Norfolk.	
V.—SOUTH WESTERN.																
Wiltshire	237	270	247	559	1117	933	2090	2058	2725	2859	521	493	4'03	6'25	Wiltshire.	
Dorsetshire	222	94	251	710	1153	1165	1999	1807	2650	2413	446	480	4'21	3'95	Dorsetshire.	
Devonshire	354	400	386	583	1444	1359	1920	2009	3130	2872	481	526	4'61	4'54	Devonshire.	
Cornwall	450	370	419	541	1407	1097	1792	1851	2956	2410	450	550	4'85	4'49	Cornwall.	
Somersetshire	314	197	303	498	1123	1121	2008	2077	2818	2778	466	502	4'49	4'39	Somersetshire.	
VI.—WEST MIDLAND.																
Gloucestershire	338	295	421	782	1308	1261	1943	2033	3121	3137	505	497	5'03	5'31	Gloucestershire.	
Herefordshire	242	137	229	238	1097	953	2289	2208	2901	2456	462	706	5'42	5'70	Herefordshire.	
Shropshire	262	364	301	310	1162	1042	2181	2431	2780	2798	502	519	5'05	4'02	Shropshire.	
Staffordshire	429	339	918	1257	1159	1076	1471	1574	4007	3536	422	408	5'10	5'11	Staffordshire.	
Worcestershire	317	217	565	752	1061	1081	1675	1706	3010	2710	457	500	4'51	4'56	Worcestershire.	
Warwickshire	446	315	996	1350	1463	1412	1677	1542	3827	3398	471	539	4'51	4'41	Warwickshire.	
VII.—NORTH MIDLAND.																
Leicestershire	339	286	1027	981	1145	1014	1526	1527	2871	2675	362	384	4'13	4'12	Leicestershire.	
Rutlandshire	279	—	197	328	979	1032	1722	1595	2350	1970	489	469</				



TABLE 28.—ENGLAND AND WALES.—Deaths from various Causes to a Million Deaths from All Causes, 1899.

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.	12986	Acute Nephritis .. ..	4218
Small-pox .. ..	300	Apoplexy .. ..	32678	Bright's Disease .. ..	15818
Chicken-pox .. ..	213	Softening of Brain .. ..	4376	Uræmia .. ..	701
Measles .. ..	17185	Hemiplegia, Brain Paralysis.	10720	Suppression of Urine .. ..	96
Epidemic Rose Rash .. ..	64	Paralysis Agitans .. ..	667	Calculus .. ..	421
Scarlet Fever .. ..	6397	Insanity, General Paralysis of Insane.	6550	Hæmaturia .. ..	110
Typhus .. ..	50	Chorea .. ..	296	Diseases of Bladder and of Prostate.	3989
Relapsing Fever .. ..	—	Epilepsy .. ..	4720	Other Diseases of Urinary System.	1071
Influenza .. ..	21342	Convulsions .. ..	30971	Ovarian Disease .. ..	767
Whooping-cough .. ..	17410	Laryngismus Stridulus .. ..	748	Diseases of Uterus and Vagina.	1219
Mumps .. ..	124	Idiopathic Tetanus .. ..	41	Disorders of Menstruation	151
Diphtheria .. ..	15976	Paraplegia, Diseases of Spinal Cord.	4153	Pelvic Abscess .. ..	110
Cerebro-spinal Fever .. ..	36	Other Diseases of Nervous System.	4414	Perineal Abscess .. ..	24
Simple and Ill-defined Fever.	194	Otitis, Otorrhœa .. ..	1554	Diseases of Testes, Penis, Scrotum, &c.	122
Enteric Fever .. ..	10835	Epistaxis and Diseases of Nose.	131	Abortion, Miscarriage .. ..	308
Other Miasmatic Diseases	50	Ophthalmia and Diseases of Eye.	91	Puerperal Mania .. ..	127
Cholera .. ..	2085	Endocarditis, Valvular Disease.	20828	Puerperal Convulsions .. ..	596
Diarrhœa, Dysentery .. ..	51148	Pericarditis .. ..	1038	Placenta Prævia, Flooding	1188
Remittent Fever .. ..	9	Hypertrophy of Heart .. ..	425	Phlegmasia Dolens .. ..	112
Ague .. ..	153	Angina Pectoris .. ..	1200	Other Accidents of Child-birth.	1825
Hydrophobia .. ..	—	Syncope .. ..	2104	Caries, Necrosis .. ..	1349
Glanders .. ..	9	Aneurism .. ..	1545	Arthritis, Ostitis, Periostitis	514
Anthrax, Splenic Fever .. ..	36	Senile Gangrene .. ..	2197	Other Diseases of Organs of Locomotion.	641
Cow-pox and other effects of Vaccination.	58	Embolism, Thrombosis .. ..	2654	Carbuncle .. ..	278
Syphilis .. ..	3082	Phlebitis .. ..	309	Phlegmon, Cellulitis .. ..	822
Gonorrhœa, Stricture of Urethra.	591	Varicose Veins .. ..	153	Lupus .. ..	105
Phagedæna .. ..	85	Other Diseases of Circulatory System.	60655	Ulcer, Bedsore .. ..	918
Erysipelas .. ..	2109	Laryngitis .. ..	2274	Eczema .. ..	609
Pyæmia, Septicæmia .. ..	578	Croup .. ..	1729	Pemphigus .. ..	270
Puerperal Fever .. ..	3279	Other Diseases of Larynx and Trachea.	213	Other Diseases of Integumentary System.	378
Thrush .. ..	473	Emphysema, Asthma .. ..	4845	(In Mines and Quarries	1605
Other Diseases from Vegetable Parasites.	5	Bronchitis .. ..	88013	Vehicles and Horses .. ..	4852
Hydatid Disease .. ..	105	Pneumonia .. ..	68486	Ships, Boats, and Docks (not drowning).	552
Other Diseases from Animal Parasites.	86	Pleurisy .. ..	2827	Building Operations .. ..	423
Starvation, Want of Breast-milk.	645	Other Diseases of Respiratory System.	6648	Machinery .. ..	447
Scurvy .. ..	58	Stomatitis (Dis. of Mouth)	837	Weapons and Implements.	248
Intemperance (Chronic Alcoholism, Delirium Tremens.)	4055	Dentition .. ..	5837	Burns and Scalds .. ..	4667
Rheumatic Fever, Rheumatism of Heart.	4550	Sore Throat, Quinsy .. ..	1011	Poison, Poisonous Vapours.	1093
Rheumatism .. ..	1586	Dyspepsia .. ..	182	Drowning .. ..	4899
Gout .. ..	961	Hæmatemesis .. ..	469	Suffocation .. ..	3828
Rickets .. ..	2295	Melæna .. ..	186	Falls .. ..	5303
Cancer .. ..	45248	Diseases of Stomach .. ..	9675	Weather Agencies .. ..	748
Tabes Mesenterica .. ..	10818	Enteritis .. ..	9551	(Otherwise, or not stated)	34.9
Tubercular Meningitis (Acute Hydrocephalus).	11085	Gastro-Enteritis .. ..	23541	Homicide .. ..	500
Phthisis .. ..	72891	Ulceration of Intestine .. ..	593	Suicide .. ..	4888
Other Forms of Tuberculosis, Scrofula.	9467	Ileus, Obstruction of Intestine.	3807	Execution .. ..	26
Purpura, Hæmorrhagic Diathesis.	571	Stricture or Strangulation of Intestine.	248	Dropsy .. ..	361
Anæmia, Chlorosis, Leucocythæmia.	3207	Intussusception of Intestine.	786	Debility, Atrophy, Inanition.	35083
Diabetes Mellitus .. ..	4672	Hernia .. ..	2542	Mortification .. ..	64
Other Constitutional Diseases.	1817	Fistula .. ..	89	Tumour .. ..	139
Premature Birth .. ..	31880	Peritonitis .. ..	3427	Abscess .. ..	614
Atelectasis .. ..	2061	Ascites .. ..	258	Hæmorrhage .. ..	196
Cyanosis .. ..	1977	Gallstones .. ..	839	Sudden (Cause unascertained).	364
Spina Bifida .. ..	1241	Cirrhosis of Liver .. ..	7790	Other ill-defined Causes .. ..	124
Imperforate Anus .. ..	301	Other Diseases of Liver .. ..	5210	Not specified Causes	2780
Cleft Palate, Harelip .. ..	364	Other Diseases of Digestive System.	684		
Other Congenital Defects	825	Diseases of Spleen .. ..	91		
Old Age .. ..	54103	Diseases of Lymphatic System.	533		
		Diseases of Thyroid Body	536		
		Diseases of Supra-Renal Capsules.	354		

TABLE 29.—ENGLAND AND WALES.—Death-rates in Town\* and Country Districts, 1851-99.

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	168
1893 .. ..	510	19.2	20.2	17.4	116
1894 .. ..	516	16.6	17.1	15.6	110
1895 .. ..	521	18.7	19.5	17.0	115
1896 .. ..	527	17.1	18.0	15.3	118
1897 .. ..	533	17.4	18.2	15.8	115
1898 .. ..	539	17.6	18.3	16.0	114
1899 .. ..	544	18.3	19.2	16.3	118

\* 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 1881-99, see note to Table 30 below.

TABLE 30.—ENGLAND AND WALES.—Town and Country Districts.—Annual Death-rates in each Quarter of the Eleven Years, 1889-99.

Area in Acres.	ESTIMATED POPULATION in the middle of 1899.	Quarter ending	ANNUAL RATE of MORTALITY per 1000 in each Quarter of the Years.											Mean of Ten Years, 1889-98.	1899.
			1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.			
ENGLAND AND WALES } 37,317,885	31,742,588	YEAR	18.2	19.5	20.2	19.0	19.2	16.6	18.7	17.1	17.4	17.6	18.4	18.3	
		Mar.	19.9	23.3	22.0	24.9	19.7	20.0	22.7	17.9	18.7	19.5	20.9	18.8	
		June	17.5	17.9	23.7	18.0	18.0	15.8	17.2	16.3	16.3	16.2	17.7	16.6	
		Sept.	17.1	16.9	15.9	15.7	19.2	14.2	17.5	16.3	17.8	17.9	16.9	19.2	
		Dec.	18.4	20.1	19.3	17.4	19.9	16.5	17.6	17.9	17.0	16.8	18.1	18.6	
TOWN DISTRICTS* } 4,222,051	21,768,699	YEAR	19.3	20.9	21.1	19.5	20.2	17.1	19.5	18.0	18.2	18.3	19.2	19.2	
		Mar.	20.6	24.4	22.8	24.6	20.4	20.0	25.4	18.5	18.9	19.8	21.3	19.5	
		June	18.3	18.7	24.7	18.5	18.7	16.2	17.4	17.2	16.6	16.6	18.3	17.1	
		Sept.	18.5	18.5	16.8	16.6	20.6	14.9	18.9	17.6	19.4	19.3	18.1	20.9	
		Dec.	19.7	22.0	20.3	18.3	20.9	17.1	18.5	18.6	17.9	17.5	19.1	19.5	
COUNTRY DISTRICTS* } 33,095,834	9,973,889	YEAR	16.4	17.4	18.5	18.1	17.4	15.6	17.0	15.3	15.8	16.0	16.8	16.3	
		Mar.	18.5	21.7	20.7	25.5	18.4	19.8	21.5	16.6	18.4	18.9	20.0	17.4	
		June	16.2	16.5	21.7	17.2	16.4	15.0	16.9	14.5	15.6	15.4	16.5	15.6	
		Sept.	14.6	14.1	14.2	13.9	16.5	12.7	14.4	13.7	14.3	14.9	14.3	15.6	
		Dec.	16.3	17.4	17.6	15.8	18.2	15.0	15.5	16.3	14.9	15.0	16.2	16.8	

\* For the years prior to 1894 the Town Districts consisted of the 33 great towns; 67 other large town districts (represented approximately by registration districts or sub-districts); and all other registration sub-districts, three-fourths of the population of which, as enumerated in 1881, resided within the boundaries of Urban Districts existing in 1886. The present list of Town Districts was formed in 1894 and consists of the 33 great towns, 67 other large towns, and all other registration districts and sub-districts, three-fourths of the population of which, as enumerated in 1891, then resided within the boundaries of Urban Districts. The Country Districts consist of the remainder of England and Wales.



TABLE 31.—ENGLAND AND WALES.—Names on the Registers, Searches, and Fees received, at the General Register Office, 1850-99.

YEAR.	NAMES ON THE REGISTERS AT THE END OF EACH YEAR.				SEARCHES IN THE REGISTERS, INCLUDING NON-PAROCIAL.		AMOUNT RECEIVED FOR SEARCHES AND FOR CERTIFICATES.*
	PERSONS MARRIED.	BIRTHS.	DEATHS.	TOTAL.	NUMBER.*	£ s. d.	
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	568 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 .. ..	5,771,312	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	18,614,428	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 .. ..	15,022,934	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	35,926,533	22,796,250	75,755,755	37,750	5,347 5 0	
1888 .. ..	17,440,614	36,806,401	23,307,221	77,554,236	40,477	5,808 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	41,288,968	26,105,389	87,053,457	50,626	6,845 6 6	
1894 .. ..	20,111,998	42,179,257	26,604,216	88,895,471	54,255	7,166 3 6	
1895 .. ..	20,568,406	43,101,548	27,173,213	90,843,167	53,289	7,200 12 6	
1896 .. ..	21,053,934	44,016,879	27,699,940	92,770,753	57,444†	7,600 0 6†	
1897 .. ..	21,552,224	44,938,572	28,241,427	94,732,223	58,664	7,686 8 6	
1898 .. ..	22,062,982	45,861,737	28,793,568	96,718,287	63,825	8,450 19 6	
1899 .. ..	22,587,650	46,790,383	29,375,367	98,753,400	57,670	8,551 19 6	

\* The figures in these columns refer to periods of 52 weeks, except those marked †, which refer to periods of 53 weeks.

TABLE 32.—ISLANDS IN THE BRITISH SEAS. Area and Population; and Births and Deaths, 1876-99.

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.
1876 .. ..	3,297	2,691	1,434	1,058
1877 .. ..	3,446	3,077	1,439	1,129
1878 .. ..	3,455	2,845	1,437	1,174
1879 .. ..	3,624	2,999	1,569	1,312
1880 .. ..	3,740	3,050	1,539	1,180
1881 .. ..	3,490	2,653	1,398	1,051
1882 .. ..	3,581	2,748	1,474	1,017
1883 .. ..	3,493	3,001	1,392	1,172
1884 .. ..	3,618	3,024	1,448	1,129
1885 .. ..	3,562	2,921	1,439	1,074
1886 .. ..	3,773	2,960	1,574	1,096
1887 .. ..	3,739	2,674	1,515	1,133
1888 .. ..	3,810	2,663	1,564	1,078
1889 .. ..	3,791	2,687	1,578	1,010
1890 .. ..	3,607	3,040	1,458	1,159
1891 .. ..	3,688	2,925	1,493	1,086
1892 .. ..	3,382	3,031	1,331	1,131
1893 .. ..	3,633	2,864	1,415	1,091
1894 .. ..	3,305	2,700	1,336	1,091
1895 .. ..	3,602	2,985	1,515	1,138
1896 .. ..	3,538	2,602	1,437	1,073
1897 .. ..	3,716	2,819	1,445	1,099
1898 .. ..	3,585	2,760	1,400	1,008
1899 .. ..	3,650	2,881	1,473	1,130

NOTE.—The above numbers have been compiled from returns furnished to the Registrar-General by the Registrar-General of the Isle of Man, the Government Secretary of Jersey, and the Government Secretary of Guernsey.

TABLE 33.—UNITED KINGDOM. Emigration, 1878-99.

(From Returns issued by the Board of Trade.)

YEAR.	TOTAL.	NATIONALITY OF EMIGRANTS.					DESTINATION OF EMIGRANTS OF ENGLISH ORIGIN.			
		ENG-LISH.	SCOTCH.	IRISH.	FO-REIGN-ERS.	NOT DISTIN-GUISHED.	NORTH AMERI-CAN COLO-NIES.	UNITED STATES.	AUS-TRALIAN COLONIES AND NEW ZEALAND.	ALL OTHER PLACES.
1878 ..	147,663	72,323	11,087	29,492	31,697	3,064	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	69,081	15,176	14,047
1881 ..	392,514	139,976	26,826	76,200	144,381	5,131	17,164	90,527	15,704	16,581
1882 ..	413,288	162,992	32,242	84,132	130,029	3,893	27,763	94,599	24,345	16,285
1883 ..	397,157	183,236	31,139	105,743	73,260	3,779	27,995	93,392	50,201	11,648
1884 ..	303,901	147,660	21,953	72,566	57,733	3,989	23,463	83,324	30,967	9,906
1885 ..	264,385	126,260	21,367	60,017	53,783	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	34,365	78,901	108,572	6,435	24,611	107,069	25,085	11,456
1888 ..	398,494	170,822	35,873	73,233	113,230	5,336	26,711	103,674	24,743	15,694
1889 ..	342,641	163,518	25,354	64,923	83,466	5,360	22,417	93,307	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	58,436	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	3,696	21,411	83,293	9,025	20,316
1894 ..	226,827	99,590	14,432	42,008	67,032	3,765	15,558	54,253	9,251	20,528
1895 ..	271,772	112,538	18,294	54,349	82,818	3,773	14,099	61,211	9,328	27,900
1896 ..	241,952	102,837	16,866	42,222	76,015	4,012	12,802	48,434	9,219	32,382
1897 ..	213,280	94,658	16,124	35,678	62,932	3,888	13,442	43,381	10,396	27,439
1898 ..	205,171	90,679	15,570	34,395	60,551	3,976	15,050	42,244	8,635	24,750
1899 ..	240,696	87,400	16,072	42,890	90,020	4,314	13,819	45,723	8,741	19,117



TABLE 34.—ARMY. **Strength and Mortality, 1869--99.**  
(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.
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 ..	188,389	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 ..	203,805	98,057	105,748	2,813	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	105,668	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	106,115	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
1894 ..	219,121	105,749	113,372	1,871	447	1,424	8.5	4.2	12.6
1895 ..	220,309	107,636	112,673	1,839	491	1,348	8.3	4.6	12.0
1896 ..	220,742	106,408	114,334	1,862	431	1,431	8.4	4.1	12.5
1897 ..	219,283	102,155	117,128	2,188	403	1,785	10.0	3.9	15.2
1898 ..	225,027	102,202	122,825	2,699	452	2,247	12.0	4.4	18.3
1899 ..	238,739	107,504	131,235	2,516	486	2,030	10.5	4.5	15.5

TABLE 35.—ROYAL NAVY. **Mortality in the Service Afloat, 1860--99.**

(From the 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.
1860 ..	14.7	11.1	3.6	1880 ..	12.6	4.6	8.0
1861 ..	15.0	11.5	3.5	1881 ..	10.9	5.3	5.6
1862 ..	15.3	9.6	5.7	1882 ..	9.5	6.9	2.6
1863 ..	11.3	7.6	3.7	1883 ..	5.9	4.1	1.8
1864 ..	14.0	9.0	5.0	1884 ..	9.0	5.8	3.2
1865 ..	11.3	8.1	3.2	1885 ..	7.0	4.7	2.3
1866 ..	10.2	7.9	2.3	1886 ..	6.9	5.1	1.8
1867 ..	11.5	8.4	3.1	1887 ..	8.3	4.9	3.4
1868 ..	8.9	6.5	2.4	1888 ..	5.7	3.9	1.8
1869 ..	9.9	7.3	2.6	1889 ..	5.3	3.8	1.5
1870 ..	19.6	6.7	12.9	1890 ..	8.5	4.1	4.4
1871 ..	8.5	6.3	2.2	1891 ..	6.2	4.7	1.5
1872 ..	8.2	5.6	2.6	1892 ..	5.6	4.4	1.2
1873 ..	8.3	6.0	2.3	1893 ..	11.3	4.1	7.2
1874 ..	9.4	6.7	2.7	1894 ..	5.8	4.1	1.7
1875 ..	8.8	6.9	1.9	1895 ..	6.6	4.6	2.0
1876 ..	9.2	6.0	3.2	1896 ..	5.3	3.8	1.5
1877 ..	7.1	5.0	2.1	1897 ..	5.2	3.8	1.4
1878 ..	14.4	5.3	9.1	1898 ..	4.9	3.6	1.3
1879 ..	8.6	6.2	2.4	1899 ..	5.4	3.9	1.5

TABLE 36.—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, reported to the Registrar-General of Seamen.**  
(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.						
		From all Causes.	From Disease.	From Violence.	From all Causes.	From Disease.	From Violence.				
1861 ..	171,957	3,580			20.8						
1862 ..	173,863	3,620			20.8						
1863 ..	184,727	3,380	} Not ascertained.	} Not ascertained.	18.3	} Not ascertained.	} Not ascertained.				
1864 ..	195,756	3,893			19.9						
1865 ..	197,643	4,600			23.3						
1866 ..	196,371	4,866			2,241			2,625	24.8	11.4	13.4
1867 ..	196,340	5,283			2,063			3,220	26.9	10.5	16.4
1868 ..	197,502	5,237	1,991	3,246	26.5	10.1	16.4				
1869 ..	195,490	4,832	1,680	3,152	24.7	8.6	16.1				
1870 ..	195,962	4,523	1,543	2,980	23.1	7.9	15.2				
1871 ..	199,738	4,338	1,552	2,786	21.7	7.8	13.9				
1872 ..	203,720	4,123	1,456	2,667	20.2	7.1	13.1				
1873 ..	202,239	5,393	1,793	3,600	26.7	8.9	17.8				
1874 ..	203,606	4,602	1,416	3,186	22.6	7.0	15.6				
1875 ..	199,667	4,076	1,215	2,861	20.4	6.1	14.3				
1876 ..	198,638	4,151	1,509	2,642	20.9	7.6	13.3				
1877 ..	196,562	4,181	1,249	2,932	21.3	6.4	14.9				
1878 ..	195,585	3,870	1,464	2,406	19.8	7.5	12.3				
1879 ..	193,548	3,692	1,377	2,315	19.1	7.1	12.0				
1880 ..	192,972	4,100	1,108	2,992	21.2	5.7	15.5				
1881 ..	192,903	4,464	1,241	3,223	23.1	6.4	16.7				
1882 ..	195,937	4,659	1,162	3,497	23.8	5.9	17.9				
1883 ..	200,727	4,451			22.2						
1884 ..	199,654	3,757			18.8						
1885 ..	198,781	3,286			16.5						
1886 ..	204,470	3,546			17.3						
1887 ..	220,266	3,384			15.4						
1888 ..	223,673	3,114			13.9						
1889 ..	230,263	3,018	} Not ascertained.	} Not ascertained.	13.1	} Not ascertained.	} Not ascertained.				
1890 ..	236,108	3,305			14.0						
1891 ..	240,480	3,263			13.6						
1892 ..	241,735	3,452			14.3						
1893 ..	240,974	3,199			13.3						
1894 ..	240,458	3,305			13.7						
1895 ..	240,486	3,597			15.0						
1896 ..	231,736	2,953	991	1,962	12.7	4.3	8.4				
1897 ..	233,780	2,730	954	1,776	11.7	4.1	7.6				
1898 ..	231,385	2,637	916	1,721	11.4	4.0	7.4				
1899 ..	230,372	2,929	943	1,986	12.7	4.1	8.6				

NOTE.—Up to and including 1886 masters were excluded from the above employment and mortality figures; the latter of which contain some cases of men who died in colonial and fishing vessels not registered under the Merchant Shipping Act, 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 sea-going vessels (except yachts) registered under Part I. of the Merchant Shipping Act, belonging to the United Kingdom, the Isle of Man, and Channel Islands. In and since 1896 the "Number of persons employed" is the sum of the number of persons engaged for the first crew of each vessel on the register on 1st January of the year and employed at sea during the preceding year.



TABLE 37.—Meteorological Elements, Greenwich,

YEAR.	Mean Weekly Movement of the Air in Miles.*	Departure from Average of 50 Years.	Fall of Rain in Inches.	Departure from Average of 50 Years.	Mean Degree of Humidity of the Air (Saturation =100).	Departure from Average of 50 Years.	Mean Temperature of the Air.	Departure from Average of 50 Years.
1850	1841	- 31	19.7	- 4.4	79	- 2	49.3	0.0
1851	1730	-142	21.6	- 2.6	78	- 3	49.2	- 0.1
1852	1781	- 91	34.2	+10.1	76	- 5	50.6	+ 1.3
1853	1597	-275	29.0	+ 4.9	79	- 2	47.7	- 1.6
1854	1731	-141	18.7	- 5.4	83	+ 2	48.9	- 0.4
1855	1659	-213	21.1	- 3.0	83	+ 2	47.1	- 2.2
1856	1775	- 97	22.2	- 1.9	83	+ 2	49.0	- 0.3
1857	1562	-310	21.4	- 2.7	83	+ 2	51.0	+ 1.7
1858	1626	-246	17.8	- 6.3	79	- 2	49.2	- 0.1
1859	1598	-274	25.9	+ 1.8	80	- 1	50.7	+ 1.4
1860	1676	-196	32.0	+ 7.9	84	+ 3	47.0	- 2.3
1861	1666	-206	20.8	- 3.3	84	+ 3	49.4	+ 0.1
1862	1680	-192	26.2	+ 2.1	84	+ 3	49.5	+ 0.2
1863	1775	- 97	20.0	- 4.1	80	- 1	50.3	+ 1.0
1864	1597	-275	16.7	- 7.4	78	- 3	48.5	- 0.8
1865	1553	-319	29.0	+ 4.9	80	- 1	50.3	+ 1.0
1866	1917	+ 45	30.7	+ 6.6	82	+ 1	49.8	+ 0.5
1867	1981	+109	28.4	+ 4.3	82	+ 1	48.6	- 0.7
1868	2029	+157	25.2	+ 1.1	78	- 3	51.5	+ 2.2
1869	2043	+171	24.0	- 0.1	81	0	49.5	+ 0.2
1870	1872	0	18.5	- 5.6	79	- 2	48.7	- 0.6
1871	1749	-123	22.3	- 1.8	81	0	48.7	- 0.6
1872	1998	+126	30.0	+ 5.9	82	+ 1	50.7	+ 1.4
1873	1940	+ 68	23.4	- 0.7	82	+ 1	48.9	- 0.4
1874	1915	+ 43	20.0	- 4.1	82	+ 1	49.3	0.0
1875	1942	+ 70	28.2	+ 4.1	80	- 1	49.2	- 0.1
1876	2036	+164	24.2	+ 0.1	80	- 1	50.1	+ 0.8
1877	2184	+312	26.9	+ 2.8	79	- 2	49.4	+ 0.1
1878	1880	+ 8	29.2	+ 5.1	81	0	49.6	+ 0.3
1879	1873	+ 1	31.3	+ 7.2	83	+ 2	46.2	- 3.1
1880	1928	+ 56	29.8	+ 5.7	84	+ 3	49.4	+ 0.1
1881	2030	+158	25.2	+ 1.1	81	0	48.7	- 0.6
1882	2151	+279	25.2	+ 1.1	84	+ 3	49.7	+ 0.4
1883	2058	+186	21.9	- 2.2	82	+ 1	49.4	+ 0.1
1884	2034	+162	18.1	- 6.0	80	- 1	50.7	+ 1.4
1885	2008	+136	24.0	- 0.1	81	0	48.6	- 0.7
1886	1962	+ 90	24.2	+ 0.1	81	0	48.7	- 0.6
1887	1927	+ 55	19.9	- 4.2	79	- 2	47.8	- 1.5
1888	2049	+177	27.5	+ 3.4	82	+ 1	47.7	- 1.6
1889	1934	+ 62	23.3	- 0.8	83	+ 2	48.8	- 0.5
1890	1946	+ 74	21.9	- 2.2	81	0	48.6	- 0.7
1891	1945	+ 73	25.1	+ 1.0	82	+ 1	48.4	- 0.9
1892	1863	- 9	22.3	- 1.8	80	- 1	48.1	- 1.2
1893	1909	+ 37	20.1	- 4.0	76	- 5	51.1	+ 1.8
1894	2019	+147	26.9	+ 2.8	81	0	49.9	+ 0.6
1895	1951	+ 79	19.7	- 4.4	78	- 3	49.3	0.0
1896	1932	+ 60	22.4	- 1.7	79	- 2	50.2	+ 0.9
1897	2033	+161	22.1	- 2.0	79	- 2	50.3	+ 1.0
1898	1956	+ 84	18.9	- 5.3	78	- 3	51.3	+ 2.0
1899	1911	+ 39	22.3	- 1.8	77	- 4	50.6	+ 1.3
Average in 50 Years.	1872	—	24.1	—	81	—	49.3	—

\* Approximated to the results of Robinson's Anemometer by reductions from Whewell's up to 1859.

1850-99. By JAMES GLAISHER, Esq., F.R.S.

YEAR.	MEAN TEMPERATURES of the AIR in the Quarters ending the last day of							
	March.	Departure from Average of 50 Years.	June	Departure from Average of 50 Years.	Sept.	Departure from Average of 50 Years.	Dec.	Departure from Average of 50 Years.
1850	39.4	- 0.3	53.5	+ 0.7	59.6	- 0.6	44.7	+ 0.5
1851	41.9	+ 2.2	51.5	- 1.3	59.8	- 0.4	43.7	- 0.5
1852	41.4	+ 1.7	51.2	- 1.6	61.8	+ 1.6	48.1	+ 3.9
1853	38.1	- 1.6	51.8	- 1.0	58.5	- 1.7	42.3	- 1.9
1854	40.8	+ 1.1	51.7	- 1.1	59.8	- 0.4	43.7	- 0.5
1855	34.1	- 5.6	50.5	- 2.3	60.4	+ 0.2	42.7	- 1.5
1856	40.0	+ 0.3	52.3	- 0.5	59.9	- 0.3	44.2	0.0
1857	39.2	- 0.5	53.8	+ 1.0	63.3	+ 3.1	47.9	+ 3.7
1858	37.8	- 1.9	54.3	+ 1.5	61.0	+ 0.8	43.8	- 0.4
1859	43.3	+ 3.6	53.7	+ 0.9	62.8	+ 2.6	43.3	- 0.9
1860	38.8	- 0.9	50.5	- 2.3	56.2	- 4.0	42.6	- 1.6
1861	39.9	+ 0.2	51.8	- 1.0	60.4	+ 0.2	45.5	+ 1.3
1862	41.0	+ 1.3	53.3	+ 0.5	58.8	- 1.4	45.0	+ 0.8
1863	42.6	+ 2.9	53.1	+ 0.3	58.8	- 1.4	46.8	+ 2.6
1864	37.9	- 1.8	53.1	+ 0.3	59.4	- 0.8	43.7	- 0.5
1865	36.5	- 3.2	56.2	+ 3.4	62.5	+ 2.3	46.0	+ 1.8
1866	41.2	+ 1.5	53.0	+ 0.2	58.9	- 1.3	46.2	+ 2.0
1867	38.9	- 0.8	53.5	+ 0.7	59.7	- 0.5	42.5	- 1.7
1868	41.4	+ 1.7	55.8	+ 3.0	63.9	+ 3.7	45.1	+ 0.9
1869	41.3	+ 1.6	52.0	- 0.8	61.4	+ 1.2	43.3	- 0.9
1870	38.0	- 1.7	54.4	+ 1.6	60.7	+ 0.5	41.6	- 2.6
1871	40.2	+ 0.5	51.5	- 1.3	61.3	+ 1.1	41.8	- 2.4
1872	43.6	+ 3.9	52.8	0.0	61.1	+ 0.9	45.3	+ 1.1
1873	39.4	- 0.3	51.8	- 1.0	60.3	+ 0.1	44.2	0.0
1874	41.4	+ 1.7	52.8	0.0	60.9	+ 0.7	42.3	- 1.9
1875	39.5	- 0.2	53.4	+ 0.6	60.7	+ 0.5	43.1	- 1.1
1876	39.5	- 0.2	51.7	- 1.1	61.8	+ 1.6	47.0	+ 2.8
1877	42.3	+ 2.6	51.9	- 0.9	58.5	- 1.7	45.0	+ 0.8
1878	41.5	+ 1.8	54.6	+ 1.8	60.8	+ 0.6	41.6	2.6
1879	37.1	- 2.6	49.5	- 3.3	58.1	- 2.1	39.9	- 4.3
1880	39.8	+ 0.1	52.4	- 6.4	61.4	+ 1.2	44.0	- 0.2
1881	37.3	- 2.4	52.9	+ 0.1	60.0	- 0.2	44.6	+ 0.4
1882	42.3	+ 2.6	53.0	+ 0.2	58.1	- 2.1	44.7	+ 0.5
1883	40.0	+ 0.3	53.0	+ 0.2	59.5	- 0.7	44.9	+ 0.7
1884	43.4	+ 3.7	52.5	- 0.3	62.7	+ 2.5	44.1	- 0.1
1885	40.3	+ 0.6	52.4	- 0.4	59.1	- 1.1	42.8	1.4
1886	36.5	- 3.2	52.5	- 0.3	61.2	+ 1.0	44.6	+ 0.4
1887	37.3	- 2.4	51.6	- 1.2	61.0	+ 0.8	41.3	- 2.9
1888	36.9	- 2.8	51.6	- 1.2	57.6	- 2.7	44.6	+ 0.4
1889	38.2	- 1.5	54.5	+ 1.7	58.9	- 1.3	43.5	- 0.7
1890	41.4	+ 1.7	52.8	0.0	58.4	- 0.8	40.8	- 3.4
1891	37.6	- 2.1	51.6	- 1.2	59.3	- 0.9	45.0	+ 0.8
1892	37.5	+ 2.2	53.4	+ 0.6	59.2	- 1.0	42.3	- 1.9
1893	40.9	+ 1.2	57.0	+ 4.2	61.9	+ 1.7	44.6	+ 0.4
1894	41.4	+ 1.7	53.3	+ 0.5	58.6	- 1.6	46.4	+ 2.2
1895	35.2	- 4.5	55.1	+ 2.3	62.3	+ 2.1	44.7	+ 0.5
1896	42.2	+ 2.5	55.6	+ 2.8	60.4	+ 0.2	42.4	- 1.8
1897	41.1	+ 1.4	53.1	+ 0.3	60.9	+ 0.7	46.0	+ 1.8
1898	41.5	+ 1.8	52.4	- 0.4	62.7	+ 2.5	48.5	+ 4.3
1899	41.8	+ 2.1	52.8	0.0	63.0	+ 2.8	44.7	+ 0.5
Average in 50 Years.	39.7	—	52.8	—	60.2	—	44.2	—

{ Average in 50 Years.



TABLE 38.—Quarterly Meteorological

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

1899. 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 58 Years.	Mean.	Diff. from Average of 58 Years.	Mean.	Diff. from Average of 58 Years.
	Mean.	Diff. from Average of 128 Years.	Mean.	Diff. from Average of 58 Years.	Mean.	Diff. from Average of 58 Years.	Mean.	Diff. from Average of 58 Years.						
	Jan., Feb., March.	April, May, June.	July, Aug., Sept.	Oct., Nov., Dec.	Mean.	Diff. from Average of 128 Years.	Mean.	Diff. from Average of 58 Years.	Mean.	Diff. from Average of 58 Years.	Mean.	Diff. from Average of 58 Years.	Mean.	Diff. from Average of 58 Years.
1899.	50.6	+ 1.9	+ 1.3	46.8	+ 0.3	43.0	- 0.5	15.9	0.0	286	- .007	3.3	- 0.1	
Winter Quarter	41.8	+ 2.9	+ 2.0	39.3	+ 1.4	36.1	+ 0.9	13.3	+ 1.6	213	+ .007	2.5	+ 0.1	
Spring do.	52.8	+ 0.4	- 0.2	48.2	- 0.9	43.7	- 1.5	18.2	- 1.8	288	- .018	3.3	- 0.2	
Summer do.	63.0	+ 3.3	+ 2.8	57.1	+ 0.8	52.2	- 0.8	19.9	- 0.3	393	- .010	4.4	- 0.2	
Autumn do.	44.7	+ 1.0	+ 0.4	42.5	- 0.1	39.9	- 0.7	12.1	+ 0.4	251	- .006	2.9	- 0.2	

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

TABLE 39.—Monthly Meteorological

By JAMES

1899. MONTH.	Mean Reading of the Barometer.	Temperature of the Air.							Departure from Average of 128 Years (1771-1898).	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 ..	ins. 29.655	55.3	29.3	26.0	47.5	37.5	10.0	42.7	+ 6.0	38.1
February ..	29.732	63.9	21.9	42.0	48.3	35.7	12.6	41.9	+ 3.1	36.6
March ..	29.911	61.2	20.3	40.9	49.9	32.5	17.4	40.8	- 0.4	33.7
April ..	29.652	64.1	30.7	33.4	54.7	40.2	14.5	46.7	+ 0.5	39.7
May ..	29.847	72.7	33.7	39.0	60.5	42.2	18.3	50.9	- 1.7	42.3
June ..	29.890	81.5	42.1	39.4	72.0	50.3	21.7	60.7	+ 2.3	49.2
July ..	29.900	88.5	49.2	39.3	76.9	56.2	20.7	65.7	+ 4.0	53.9
August ..	29.918	90.0	47.2	42.8	77.1	55.7	21.4	65.7	+ 4.8	54.5
September ..	29.689	87.3	37.1	50.2	67.4	49.7	17.7	57.7	+ 1.1	48.3
October ..	29.898	63.6	31.2	32.4	57.5	41.5	16.0	49.1	- 0.4	44.6
November ..	30.019	62.0	28.9	33.1	53.0	42.3	10.7	48.1	+ 5.5	42.6
December ..	29.730	54.9	19.3	35.6	41.4	31.9	9.5	37.0	- 2.1	32.4
Means ..	29.820	70.4	32.6	37.8	58.9	43.0	15.9	50.6	+ 1.9	43.0

Elements, Greenwich, 1899.

furnished to the Registrar-General by the Astronomer Royal.

1899. YEAR.	Degree of Humidity.	Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.	Reading of Thermometer on Grass.			1899. YEAR.			
		Mean.	Diff. from Average of 58 Years.	Mean.	Diff. from Average of 58 Years.		Amount.	Diff. from Average of 84 Years.	Number of Nights it was				
									At or below 30°.		Between 30° and 40°.	Above 40°.	
77	- 5	29.820	+ .044	541	- 1	ins. 22.34	ins. - 2.50	108	122	135	11.0	60.7	1899.
82	- 2	29.776	- .010	550	- 3	5.07	+ 0.15	50	30	10	11.0	47.7	Winter Quarter.
73	- 4	29.796	+ .012	538	0	5.41	- 0.20	19	38	34	24.9	53.8	Spring do.
68	- 9	29.836	+ .042	528	- 3	4.32	- 2.90	1	16	75	29.1	60.7	Summer do.
84	- 5	29.882	+ .131	549	+ 2	7.54	+ 0.45	38	38	16	15.7	52.3	Autumn do.

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

Elements, Greenwich, 1899.

GLAISHER, Esq., F.R.S.

1899. 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.		1899. MONTH.
						N.	E.	S.	W.		Number of Days on which measured.	Amount collected.	
January.	ins. .230	grs. 2.6	grs. 0.5	84	grs. 546	7	4	11	9	6.0	18	ins. 2.53	January.
February.	.217	2.5	0.6	83	549	3	10	10	5	5.4	12	1.93	February.
March.	.193	2.3	0.7	78	554	6	6	8	11	5.5	10	0.61	March.
April.	.244	2.8	0.8	78	542	5	2	10	13	7.7	20	3.00	April.
May.	.270	3.1	1.1	74	541	9	6	10	6	6.2	12	1.65	May.
June.	.351	3.9	2.1	66	531	11	10	5	4	5.1	6	0.76	June.
July.	.416	4.6	2.3	66	526	8	6	6	11	5.4	8	1.74	July.
August.	.425	4.7	2.3	68	526	6	16	4	5	4.7	6	0.35	August.
September.	.339	3.8	1.5	71	531	6	2	8	14	6.0	15	2.23	September.
October.	.295	3.4	0.6	85	544	4	11	8	8	4.8	10	2.34	October.
November.	.273	3.1	0.7	82	547	4	3	12	11	7.4	9	3.73	November.
December.	.184	2.2	0.4	86	555	5	10	9	7	7.7	15	1.47	December.
Means.	.286	3.3	1.1	77	541	74	86	101	104	6.0	141	22.34	Means.







TABLE 42.—ENGLAND AND WALES. Prices and Pauperism, 1850-99.

Year.	AVERAGE PRICES.									PAUPERISM.					
	CONSOLS* (for Money).		WHEAT per Quarter in England and Wales.†		MEAT. Price per lb. at the Metropolitan Cattle Market (sinking the Offal).‡						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.	
					Inferior Quality.	Second Quality.	First Quality.	Inferior Quality.	Second Quality.	First Quality.					
	£	s.	d.	s.	d.	d.	d.	d.	s.	d.					
1850	96	15	0	40	3	3½	—	4½	—	—	56·7	6·9	49·8	139	
1851	97	7	6	38	6	3½	—	5	—	—	52·4	6·4	46·0	138	
1852	100	3	9	40	10	3½	—	5	—	—	50·3	6·1	44·2	138	
1853	97	14	1	53	3	4	—	5½	—	—	48·2	6·0	42·2	142	
1854	91	15	8	72	5	4½	—	6	—	—	46·4	6·0	40·4	138	
1855	90	7	2	74	8	4½	—	6	—	—	47·7	6·5	41·2	156	
1856	92	18	9	69	2	4½	—	6	—	—	48·2	6·6	41·6	158	
1857	91	16	3	56	4	4½	—	6	—	—	44·6	6·3	38·3	165	
1858	96	19	5	44	2	4½	—	6	—	—	44·7	6·2	38·5	160	
1859	95	0	0	43	9	4½	—	6	—	—	41·5	5·6	35·9	157	
1860	93	19	8	53	3	4	—	6	—	—	40·1	5·6	34·5	161	
1861	92	0	8	55	4	4	—	6½	—	—	41·9	6·1	35·8	170	
1862	93	8	9	55	5	4	—	6	—	—	46·7	6·4	40·3	160	
1863	92	17	10	44	9	4½	—	7	—	—	48·0	6·3	41·7	151	
1864	90	6	3	40	2	4½	—	6	—	—	43·8	6·1	37·7	161	
1865	89	11	7	41	10	4½	—	7	—	—	41·9	6·0	35·9	168	
1866	87	16	11	49	11	4½	—	7	—	—	40·5	6·1	34·4	176	
1867	93	1	3	64	5	4½	—	7	—	—	42·5	6·4	36·1	178	
1868	93	19	5	63	9	4½	—	6	—	—	43·6	6·8	36·8	183	
1869	93	2	2	48	2	4½	—	7	—	—	43·4	6·7	36·7	183	
1870	92	13	2	46	10	4½	—	7	—	—	43·5	6·6	36·9	180	
1871	92	18	5	56	8	5½	—	7½	—	—	41·6	6·3	35·3	179	
1872	92	10	8	57	0	5½	—	7	—	—	36·9	6·0	30·9	192	
1873	92	14	8	58	8	5½	—	8	—	31 0	33·9	5·9	28·0	210	
1874	92	12	6	55	8	5½	—	8	—	23 8	31·5	5·2	25·7	225	
1875	93	15	11	45	2	5½	—	8	—	21 8	29·7	5·6	24·1	233	
1876	95	5	8	46	2	5½	—	8½	—	19 1	27·5	5·7	21·8	260	
1877	95	10	0	56	9	4½	—	8	—	17 5	27·0	6·0	21·0	283	
1878	95	5	0	46	5	4½	—	8	—	16 4	27·3	6·2	21·1	293	
1879	97	12	10	43	10	4	—	7	—	15 11	29·0	6·5	22·5	290	
1880	98	10	8	44	4	4½	—	8	—	14 10	28·4	6·7	21·7	310	
1881	100	2	6	45	4	4½	—	7½	—	16 0	28·2	6·8	21·4	318	
1882	100	17	10	45	1	4½	—	8	—	15 10	27·2	6·7	20·5	325	
1883	101	8	2	41	7	5	—	8½	—	16 10	26·7	6·6	20·1	331	
1884	101	4	8	35	8	4½	—	8	—	15 5	26·0	6·6	19·4	339	
1885	99	4	8	32	10	3	—	7	—	15 5	26·0	6·6	19·4	338	
1886	100	17	10	31	0	3½	—	6½	—	14 9	26·6	6·6	20·0	328	
1887	101	16	2	32	6	3	—	5½	—	14 10	26·2	6·6	19·6	336	
1888	101	0	0	31	10	3½	—	6	—	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	4½	—	7½	—	17 7	22·7	6·1	16·6	370	
1893	98	7	4	26	4	4½	—	7	—	19 0	23·2	6·4	16·8	378	
1894	101	1	5	22	10	3	—	6	—	16 1	23·4	6·5	16·9	386	
1895	106	3	3	23	1	4	—	6	—	14 7	24·3	6·6	17·7	376	
1896	110	5	7	26	2	3½	—	6	—	14 4	23·4	6·5	16·9	385	
1897	112	8	0	30	2	3	—	5½	—	15 7	23·1	6·5	16·6	392	
1898	110	19	6	34	0	3	—	6	—	16 2	23·0	6·5	16·5	393	
1899	107	3	11	25	8½	3	—	6	—	17 10	21·8	6·4	15·4	414	

\* The prices of Consols for the years 1850-52 relate to the 12 months beginning 1st April; from 1853 onwards the prices relate to calendar years. For the years 1850-88 the prices relate to stock bearing 3 per cent. interest, for 1889-99 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 1889-91.  
 § 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.

INTERNATIONAL VITAL STATISTICS.

TABLE 43.—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.)

YEAR.	UNITED KINGDOM.	ENGLAND AND WALES.	SCOTLAND.	IRELAND.	DENMARK.	NORWAY.	SWEDEN.	AUSTRIA.	HUNGARY.	SWITZERLAND.	GERMAN EMPIRE.	PRUSSIA.	THE NETHERLANDS.	BELGIUM.	FRANCE.	ITALY.
Average in the 25 years 1874-98	31·4	32·6	32·6	24·0	31·4	30·7	28·9	38·1	43·0	28·9	37·4	37·8	34·4	30·3	23·8	36·8
1874	34·4	36·0	35·6	26·6	30·9	30·7	30·9	39·7	42·7	30·5	40·1	40·1	36·4	32·6	26·1	34·9
1875	33·9	35·4	35·2	26·1	31·9	31·2	31·2	39·9	45·0	32·0	40·6	40·7	36·6	32·5	25·9	37·7
1876	34·8	36·3	35·6	26·4	32·6	31·8	30·8	40·0	46·3	33·0	40·9	40·7	37·1	33·2	26·2	39·2
1877	34·4	36·0	35·3	26·2	31·8	31·8	31·1	38·7	43·6	32·3	40·0	39·9	36·6	32·3	25·5	37·0
1878	34·0	35·6	34·9	25·1	31·7	31·1	29·8	38·6	43·1	31·6	38·9	38·7	36·1	31·5	25·2	36·2
1879	33·3	34·7	34·3	25·2	32·0	32·0	30·5	39·2	45·8	30·8	38·9	39·0	36·7	31·5	25·1	37·8
1880	32·7	34·2	33·6	24·7	31·8	30·7	29·4	38·0	42·8	29·8	37·6	37·8	35·5	31·1	24·6	33·9
1881	32·5	33·9	33·7	24·5	32·3	30·0	29·1	37·7	42·9	30·0	37·0	37·0	35·0	31·4	24·9	38·0
1882	32·3	33·8	33·5	24·0	32·4	30·9	29·4	39·1	43·8	29·1	37·2	37·6	35·3	31·2	24·8	37·0
1883	32·0	33·5	32·8	23·5	31·8	30·9	28·9	38·2	44·8	28·8	36·6	37·1	34·3	30·5	24·8	37·2
1884	32·2	33·6	33·7	23·9	33·4	31·0	30·0	38·7	45·6	28·5	37·2	37·6	34·9	30·5	24·7	39·0
1885	31·6	32·9	32·7	23·5	32·6	31·3	29·4	37·6	44·8	28·0	37·0	37·7	34·4	29·9	24·3	38·5
1886	31·5	32·8	32·9	23·2	32·6	30·9	29·8	38·0	45·6	28·0	37·0	37·7	34·6	29·6	23·9	37·0
1887	30·7	31·9	31·7	23·1	32·0	30·8	29·7	38·2	44·2	28·0	36·9	37·7	33·7	29·4	23·5	39·0
1888	30·1	31·2	31·3	22·8	31·7	30·8	28·8	37·9	43·8	27·8	36·6	37·4	33·7	29·1	23·1	37·6
1889	30·0	31·1	30·9	22·7	31·3	29·7	27·7	37·9	43·7	27·6	36·4	37·1	33·2	29·5	23·0	38·4
1890	29·2	30·2	30·4	22·3	30·6	30·3	28·0	36·7	40·3	26·4	35·7	36·6	32·9	28·7	21·8	35·9
1891	30·4	31·4	31·2	23·1	31·0	30·9	28·3	37·0	42·3	27·8	37·0	37·7	33·7	29·6	22·6	37·3
1892	29·5	30·5	30·8	22·5	29·5	29·6	27·0	36·2	40·3	27·4	35·7	36·3	32·0	28·9	22·3	36·3
1893	29·9	30·8	31·0	23·0	30·6	30·7	27·4	37·9	42·5	27·7	36·8	37·5	33·8	29·5	22·7	36·7
1894	28·9	29·6	30·2	22·9	30·2	29·8	27·1	36·7	41·3	27·1	35·9	36·6	32·7	29·0	22·3	35·7
1895	29·5	30·4	30·4	23·2	30·2	30·6	27·5	38·1	41·6	27·1	36·1	36·9	32·8	28·5	21·7	35·1
1896	29·2	29·7	30·9	23·6	30·5	30·4	27·2	38·0	40·3	27·9	36·3	36·9	32·7	29·0	22·5	35·0
1897	29·1	29·7	30·6	23·5	29·9	30·0	26·7	37·5	40·1	28·1	36·0	36·6	32·5	29·0	22·3	35·0
1898	28·8	29·4	30·8	23·2	30·5	30·3	27·1	37·5	37·5	28·4	36·2					



TABLE 44.—UNITED KINGDOM. Population, Marriages, Births, and Deaths, 1864-99.

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.
1864	29,680,437	230,518	461,036	989,022	663,091	15·5	33·3	22·3
1865	29,925,177	239,887	479,774	1,006,109	654,954	16·0	33·6	21·9
1866	30,147,755	241,585	483,170	1,013,627	665,064	16·0	33·6	22·1
1867	30,409,132	231,514	463,028	1,026,781	633,643	15·2	33·8	20·8
1868	30,689,977	226,516	453,032	1,048,423	636,223	14·8	34·2	20·7
1869	30,978,278	226,391	452,782	1,032,394	660,296	14·6	33·3	21·3
1870	31,256,535	234,176	468,352	1,058,023	679,956	15·0	33·8	21·8
1871*	31,555,694	243,091	486,182	1,064,911	677,939	15·4	33·7	21·5
1872	31,874,183	253,851	507,702	1,093,950	665,353	15·9	34·3	20·9
1873	32,177,550	258,093	516,186	1,093,855	667,003	16·0	34·0	20·7
1874	32,501,517	252,881	505,762	1,119,955	699,313	15·6	34·4	21·5
1875	32,838,758	251,223	502,446	1,112,505	726,334	15·3	33·9	22·1
1876	33,199,994	254,841	509,682	1,154,971	676,768	15·3	34·8	20·4
1877	33,575,941	244,891	489,782	1,154,681	667,976	14·6	34·4	19·9
1878	33,943,773	239,696	479,392	1,152,796	716,294	14·1	34·0	21·1
1879	34,302,557	228,855	457,710	1,141,447	704,691	13·3	33·3	20·5
1880	34,622,930	236,833	473,666	1,134,299	707,333	13·6	32·7	20·4
1881*	34,934,476	245,120	490,240	1,135,660	654,295	14·0	32·5	18·7
1882	35,206,617	253,030	506,060	1,137,820	678,143	14·4	32·3	19·3
1883	35,449,721	254,621	509,242	1,133,343	696,116	14·4	32·0	19·6
1884	35,724,231	252,992	505,984	1,154,782	693,150	14·1	32·2	19·4
1885	36,015,601	244,226	488,452	1,136,321	688,069	13·6	31·6	19·1
1886	36,313,582	241,180	482,360	1,145,577	698,208	13·3	31·5	19·2
1887	36,599,143	246,339	492,678	1,123,149	693,889	13·5	30·7	19·0
1888	36,881,271	249,186	498,372	1,112,694	668,037	13·5	30·1	18·1
1889	37,178,929	261,730	523,460	1,116,568	674,499	14·1	30·0	18·1
1890	37,484,764	271,487	542,974	1,096,717	727,102	14·5	29·2	19·4
1891*	37,796,390	275,970	551,940	1,148,259	757,497	14·6	30·4	20·0
1892	38,103,519	277,335	554,670	1,127,234	725,273	14·5	29·5	19·0
1893	38,434,629	267,548	535,096	1,147,764	732,449	13·9	29·9	19·1
1894	38,777,687	275,655	551,310	1,120,010	653,468	14·2	28·9	16·8
1895	39,113,465	279,746	559,492	1,154,898	735,244	14·3	29·5	18·8
1896	39,464,582	296,089	592,178	1,152,144	673,104	15·0	29·2	17·1
1897	39,825,357	303,086	606,172	1,157,234	704,470	15·2	29·1	17·7
1898	40,190,797	310,071	620,142	1,159,483	712,942	15·4	28·8	17·7
1899	40,555,623	317,580	635,160	1,163,202	741,046	15·7	28·7	18·3

\* Census year.

TABLE 45.—ENGLAND AND WALES. Population, Marriages, Births, and Deaths, 1850-99.

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.
1850	17,773,324	152,744	305,488	593,422	368,995	17·2	33·4	20·8
1851*	17,982,849	154,206	308,412	615,865	395,396	17·2	34·2	22·0
1852	18,193,206	158,782	317,564	624,012	407,135	17·4	34·2	22·3
1853	18,404,368	164,520	329,040	612,391	421,097	17·9	33·3	22·9
1854	18,616,310	159,727	319,454	634,405	437,905	17·2	34·1	23·5
1855	18,829,000	152,113	304,226	635,043	425,703	16·2	33·7	22·6
1856	19,042,412	159,337	318,674	657,453	390,506	16·7	34·4	20·5
1857	19,256,516	159,097	318,194	663,071	419,815	16·5	34·4	21·8
1858	19,471,291	156,070	312,140	655,481	449,656	16·0	33·7	23·1
1859	19,686,701	167,723	335,446	689,881	440,781	17·0	35·0	22·4
1860	19,902,713	170,156	340,312	684,048	422,721	17·1	34·3	21·2
1861*	20,119,314	163,706	327,412	696,406	435,114	16·3	34·6	21·6
1862	20,371,013	164,030	328,060	712,684	436,566	16·1	35·0	21·4
1863	20,625,855	173,510	347,020	727,417	473,837	16·8	35·3	23·0
1864	20,883,889	180,387	360,774	740,275	495,531	17·2	35·4	23·7
1865	21,145,151	185,474	370,948	748,069	490,909	17·5	35·4	23·2
1866	21,409,684	187,776	375,552	753,870	500,689	17·5	35·2	23·4
1867	21,677,525	179,154	358,308	768,349	471,073	16·5	35·4	21·7
1868	21,948,713	176,962	353,924	786,858	480,622	16·1	35·8	21·8
1869	22,223,299	176,970	353,940	773,381	494,828	15·9	34·8	22·3
1870	22,501,316	181,655	363,310	792,787	515,329	16·1	35·2	22·9
1871*	22,788,594	190,112	380,224	797,428	514,879	16·7	35·0	22·6
1872	23,096,495	201,267	402,534	825,907	492,265	17·4	35·6	21·3
1873	23,408,556	205,615	411,230	829,778	492,520	17·6	35·4	21·0
1874	23,724,834	202,010	404,020	854,956	526,632	17·0	36·0	22·2
1875	24,045,385	201,212	402,424	850,607	546,453	16·7	35·4	22·7
1876	24,370,267	201,874	403,748	887,968	510,315	16·5	36·3	20·9
1877	24,699,539	194,352	388,704	888,200	500,496	15·7	36·0	20·3
1878	25,033,259	190,054	380,108	891,906	539,872	15·2	35·6	21·6
1879	25,371,489	182,082	364,164	880,389	526,255	14·4	34·7	20·7
1880	25,714,288	191,965	383,930	881,643	528,624	14·9	34·2	20·5
1881*	26,046,142	197,290	394,580	883,642	491,935	15·1	33·9	18·9
1882	26,334,942	204,405	408,810	889,014	516,654	15·5	33·8	19·6
1883	26,626,949	206,384	412,768	890,722	522,997	15·5	33·5	19·6
1884	26,922,192	204,301	408,602	906,750	530,828	15·1	33·6	19·7
1885	27,220,706	197,745	395,490	894,270	522,750	14·5	32·9	19·2
1886	27,522,532	196,071	392,142	903,760	537,276	14·2	32·8	19·5
1887	27,827,706	200,518	401,036	886,331	530,758	14·4	31·9	19·1
1888	28,136,258	203,821	407,642	879,868	510,971	14·4	31·2	18·1
1889	28,448,239	213,865	427,730	885,944	518,353	15·0	31·1	18·2
1890	28,763,673	223,028	446,056	869,937	562,248	15·5	30·2	19·5
1891*	29,081,962	226,526	453,052	914,157	587,925	15·6	31·4	20·2
1892	29,401,898	227,135	454,270	897,957	559,684	15·4	30·5	19·0
1893	29,725,358	218,689	437,378	914,572	569,958	14·7	30·8	19·2
1894	30,052,397	226,449	452,898	890,289	498,827	15·1	29·6	16·6
1895	30,383,047	228,204	456,408	922,291	568,997	15·0	30·4	18·7
1896	30,717,355	242,764	485,528	915,331	526,727	15·8	29·7	17·1
1897	31,055,355	249,145	498,290	921,693	541,487	16·0	29·7	17·4
1898	31,397,078	255,379	510,758	923,165	552,141	16·3	29·4	17·6
1899	31,742,588	262,334	524,668	928,646	581,799	16·5	29·3	18·3

\* Census year.



TABLE 46.—SCOTLAND. Population, Marriages, Births, and Deaths, 1855-99.  
(Compiled from the Reports of the Registrar-General for Scotland.)

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.
1855	2,978,065	19,680	39,360	93,349	62,004	13·2	31·5	20·8
1856	2,995,771	20,740	41,480	101,821	58,529	13·8	34·0	19·5
1857	3,012,310	21,369	42,738	103,415	61,906	14·2	34·3	20·6
1858	3,027,665	19,655	39,310	104,018	63,539	13·0	34·4	21·0
1859	3,041,812	21,201	42,402	106,543	61,714	13·9	35·0	20·3
1860	3,054,738	21,225	42,450	105,629	68,170	13·9	35·6	22·3
1861*	3,069,404	20,896	41,792	107,009	62,341	13·6	34·9	20·3
1862	3,097,009	20,597	41,194	107,069	67,195	13·3	34·6	21·7
1863	3,126,879	22,234	44,468	109,341	71,481	14·3	35·0	22·9
1864	3,156,021	22,725	45,450	112,333	74,416	14·4	35·6	23·6
1865	3,185,437	23,611	47,222	113,070	70,891	14·8	35·5	22·3
1866	3,215,129	23,688	47,376	113,667	71,348	14·7	35·4	22·2
1867	3,245,098	22,618	45,236	114,044	69,067	13·9	35·1	21·3
1868	3,275,350	21,855	43,710	115,514	69,416	13·3	35·3	21·2
1869	3,305,885	22,144	44,288	113,354	75,875	13·4	34·3	23·0
1870	3,336,707	23,854	47,708	115,390	74,165	14·3	34·6	22·2
1871*	3,368,921	24,019	48,038	116,128	74,712	14·3	34·5	22·2
1872	3,404,798	25,641	51,282	118,765	75,794	15·1	34·9	22·3
1873	3,441,056	26,748	53,496	119,700	76,946	15·5	34·8	22·4
1874	3,477,704	26,390	52,780	123,711	80,720	15·2	35·6	23·2
1875	3,514,744	25,974	51,948	123,578	81,767	14·8	35·2	23·3
1876	3,552,183	26,579	53,158	126,534	74,129	15·0	35·6	20·9
1877	3,590,022	25,817	51,634	126,822	73,937	14·4	35·3	20·6
1878	3,628,268	24,358	48,716	126,773	76,793	13·4	34·9	21·2
1879	3,665,443	23,519	47,038	125,730	73,347	12·8	34·3	20·0
1880	3,705,994	24,505	49,010	124,570	75,803	13·2	33·6	20·5
1881*	3,742,564	26,004	52,008	126,171	72,325	13·9	33·7	19·3
1882	3,770,657	26,596	53,192	126,158	72,989	14·1	33·5	19·4
1883	3,798,961	26,869	53,738	124,458	76,891	14·1	32·8	20·2
1884	3,827,478	26,106	52,212	129,157	75,168	13·6	33·7	19·6
1885	3,856,307	25,304	50,608	126,100	74,607	13·1	32·7	19·3
1886	3,885,155	24,515	49,030	127,890	73,640	12·6	32·9	18·9
1887	3,914,318	24,876	49,752	124,418	74,546	12·7	31·7	19·0
1888	3,943,701	25,305	50,610	123,269	71,174	12·8	31·3	18·0
1889	3,973,305	26,344	52,688	122,783	73,238	13·3	30·9	18·4
1890	4,003,132	27,469	54,938	121,526	79,004	13·7	30·4	19·7
1891*	4,033,180	27,969	55,938	125,986	83,573	13·9	31·2	20·7
1892	4,063,452	28,670	57,340	125,043	75,545	14·1	30·8	18·6
1893	4,093,959	27,145	54,290	127,110	79,670	13·3	31·0	19·5
1894	4,124,691	27,604	55,208	124,367	71,113	13·4	30·2	17·2
1895	4,155,654	28,422	56,844	126,494	81,852	13·7	30·4	19·7
1896	4,186,849	30,270	60,540	129,172	70,677	14·5	30·9	16·9
1897	4,218,279	31,050	62,100	128,877	79,144	14·7	30·6	18·8
1898	4,249,946	32,112	64,224	130,861	78,397	15·1	30·8	18·4
1899	4,281,850	32,935	65,870	130,656	79,548	15·4	30·5	18·6

\* Census year.

TABLE 47.—IRELAND. Population, Marriages, Births, and Deaths, 1864-99.  
(Compiled from the Reports of the Registrar-General for Ireland.)

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.
1864	5,640,527	27,406	54,812	136,414	93,144	9·6	24·0	16·4
1865	5,594,589	30,802	61,604	144,970	93,154	10·9	25·7	16·5
1866	5,522,942	30,121	60,242	146,090	93,027	10·8	26·2	16·7
1867	5,486,509	29,742	59,484	144,388	93,503	10·7	26·0	16·8
1868	5,465,914	27,699	55,398	146,051	86,185	10·0	26·8	15·8
1869	5,449,094	27,277	54,554	145,659	89,593	10·0	26·7	16·4
1870	5,418,512	28,667	57,334	149,846	90,462	10·6	27·7	16·7
1871*	5,398,179	28,960	57,920	151,355	88,348	10·7	28·1	16·4
1872	5,372,890	26,943	53,886	149,278	97,294	10·0	27·8	18·1
1873	5,327,938	25,730	51,460	144,377	97,537	9·6	27·1	18·3
1874	5,298,979	24,481	48,962	141,288	91,961	9·2	26·6	17·3
1875	5,278,629	24,037	48,074	138,320	98,114	9·1	26·1	18·5
1876	5,277,544	26,388	52,776	140,469	92,324	9·9	26·4	17·3
1877	5,286,380	24,722	49,444	139,659	93,543	9·3	26·2	17·5
1878	5,282,246	25,284	50,568	134,117	99,629	9·5	25·1	18·6
1879	5,265,625	23,254	46,508	135,328	105,089	8·7	25·2	19·6
1880	5,202,648	20,363	40,726	128,086	102,906	7·8	24·7	19·8
1881*	5,145,770	21,826	43,652	125,847	90,035	8·5	24·5	17·5
1882	5,101,018	22,029	44,058	122,648	88,500	8·6	24·0	17·3
1883	5,023,811	21,368	42,736	118,163	96,228	8·5	23·5	19·2
1884	4,974,561	22,585	45,170	118,875	87,154	9·1	23·9	17·5
1885	4,938,588	21,177	42,354	115,951	90,712	8·6	23·5	18·4
1886	4,905,895	20,594	41,188	113,927	87,292	8·4	23·2	17·8
1887	4,857,119	20,945	41,890	112,400	88,585	8·6	23·1	18·2
1888	4,801,312	20,060	40,120	109,557	85,892	8·4	22·8	17·9
1889	4,757,385	21,521	43,042	107,841	82,908	9·0	22·7	17·4
1890	4,717,959	20,990	41,980	105,254	85,850	8·9	22·3	18·2
1891*	4,681,248	21,475	42,950	108,116	85,999	9·2	23·1	18·4
1892	4,638,169	21,530	43,060	104,234	90,044	9·3	22·5	19·4
1893	4,615,312	21,714	43,428	106,082	82,821	9·4	23·0	17·9
1894	4,600,599	21,602	43,204	105,354	83,528	9·4	22·9	18·2
1895	4,574,764	23,120	46,240	106,113	84,395	10·1	23·2	18·4
1896	4,560,378	23,055	46,110	107,641	75,700	10·1	23·6	16·6
1897	4,551,723	22,891	45,782	106,664	83,839	10·1	23·5	18·4
1898	4,543,773	22,580	45,160	105,457	82,404	9·9	23·2	18·1
1899	4,531,185	22,311	44,622	103,900	79,699	9·8	22·9	17·6

\* Census year.



TABLE 48.—DENMARK (the Kingdom properly so-called). **Population, Marriages, Births, and Deaths, 1861-99.**

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

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, 1st February.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1861	1,625,200	12,097	24,194	51,616	29,947	14·9	31·8	18·4
1862	1,642,200	12,044	24,088	50,942	30,200	14·7	31·0	18·4
1863	1,659,400	12,456	24,912	51,701	30,333	15·0	31·1	18·3
1864	1,676,700	9,466	18,932	50,797	39,100†	11·3	30·3	23·3†
1865	1,694,300	15,056	30,112	53,218	39,266	17·8	31·4	23·2
1866	1,712,000	14,354	28,708	55,141	35,707	16·8	32·2	20·9
1867	1,729,900	13,225	26,450	52,706	34,553	15·3	30·5	20·0
1868	1,748,000	12,769	25,538	54,490	33,816	14·6	31·2	19·3
1869	1,766,300	12,971	25,942	52,109	33,781	14·7	29·5	19·1
1870*	1,784,741	13,134	26,268	54,420	34,091	14·7	30·5	19·1
1871	1,802,400	13,207	26,414	54,396	35,075	14·6	30·2	19·5
1872	1,820,200	13,627	27,254	55,221	33,433	15·0	30·3	18·4
1873	1,838,100	14,903	29,806	56,571	34,250	16·2	30·8	18·6
1874	1,856,300	15,260	30,520	57,278	37,046	16·4	30·9	20·0
1875	1,874,600	15,915	31,830	59,749	39,423	17·0	31·9	21·0
1876	1,893,100	16,180	32,360	61,788	37,365	17·1	32·6	19·7
1877	1,911,800	15,428	30,856	60,850	35,806	16·1	31·8	18·7
1878	1,930,700	14,295	28,590	61,290	35,792	14·8	31·7	18·5
1879	1,949,800	14,287	28,574	62,455	38,531	14·7	32·0	19·8
1880*	1,969,039	14,959	29,918	62,612	40,237	15·2	31·8	20·4
1881	1,988,500	15,529	31,058	64,145	36,471	15·6	32·3	18·3
1882	2,008,100	15,496	30,992	65,070	38,738	15·4	32·4	19·3
1883	2,028,000	15,642	31,284	64,474	37,403	15·4	31·8	18·4
1884	2,048,000	15,970	31,940	68,340	37,597	15·6	33·4	18·4
1885	2,068,200	15,645	31,290	67,463	36,999	15·1	32·6	17·9
1886	2,088,600	14,834	29,668	68,080	38,094	14·2	32·6	18·2
1887	2,109,200	14,726	29,452	67,417	38,645	14·0	32·0	18·3
1888	2,130,100	15,091	30,182	67,428	41,869	14·2	31·7	19·7
1889	2,151,000	15,233	30,466	67,385	40,004	14·2	31·3	18·6
1890*	2,172,380	14,975	29,950	66,376	41,377	13·8	30·6	19·0
1891	2,193,800	14,941	29,882	67,937	43,954	13·6	31·0	20·0
1892	2,215,500	15,039	30,078	65,468	43,079	13·6	29·5	19·4
1893	2,237,400	15,739	31,478	68,530	42,295	14·1	30·6	18·9
1894	2,259,500	15,687	31,374	68,300	39,508	13·9	30·2	17·5
1895	2,281,800	16,147	32,294	68,871	38,573	14·2	30·2	16·9
1896	2,304,300	16,823	33,646	70,271	36,090	14·6	30·5	15·7
1897	2,327,100	17,464	34,928	69,576	38,744	15·0	29·9	16·6
1898	2,350,100	17,897	35,794	71,670	36,671	15·2	30·5	15·6
1899	2,373,300	17,914	35,828	71,351	41,473	15·1	30·1	17·5

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 1861.

\* Census year.

† War raged in the year 1864.

TABLE 49.—NORWAY. **Population, Marriages, Births and Deaths, 1871-99.**

(Supplied by the Director of the Central 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.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1871	1,746,800	11,610	23,220	51,080	29,567	13·3	29·2	16·9
1872	1,757,100	12,302	24,604	52,271	29,172	14·0	29·7	16·6
1873	1,770,000	12,822	25,644	52,981	29,828	14·5	29·9	16·9
1874	1,787,100	13,713	27,426	54,928	32,452	15·3	30·7	18·2
1875*	1,807,800	14,177	28,354	56,358	33,964	15·7	31·2	18·8
1876	1,829,200	14,049	28,098	58,230	34,356	15·4	31·8	18·0
1877	1,852,500	14,022	28,044	58,855	31,354	15·1	31·8	16·9
1878	1,878,200	13,681	27,362	58,408	29,582	14·6	31·1	15·8
1879	1,903,600	12,850	25,700	60,917	28,616	13·5	32·0	15·0
1880	1,921,000	12,751	25,502	58,923	30,550	13·3	30·7	15·9
1881	1,925,900	12,316	24,632	58,342	32,427	12·8	30·0	16·8
1882	1,924,500	12,874	25,748	59,375	35,325	13·4	30·9	18·4
1883	1,925,000	12,710	25,420	59,498	32,834	13·2	30·9	17·1
1884	1,934,000	13,247	26,494	60,025	31,730	13·7	31·0	16·4
1885	1,952,000	13,024	26,048	61,052	32,111	13·3	31·3	16·5
1886	1,966,000	12,819	25,638	60,716	31,566	13·0	30·9	16·1
1887	1,979,000	12,491	24,982	60,908	31,675	12·5	30·8	16·0
1888	1,987,000	12,154	24,308	61,277	33,645	12·2	30·8	16·9
1889	1,992,000	12,416	24,832	59,188	34,704	12·5	29·7	17·4
1890*	1,985,000	12,922	25,844	60,108	35,492	13·0	30·3	17·9
1891	1,996,000	13,179	26,358	61,721	34,856	13·2	30·9	17·5
1892	2,006,000	12,742	25,484	59,430	35,769	12·7	29·6	17·8
1893	2,015,000	12,974	25,948	61,918	32,915	12·9	30·7	16·3
1894	2,030,000	12,966	25,932	60,450	34,355	12·8	29·8	16·9
1895	2,055,100	13,339	26,678	62,932	32,189	13·0	30·6	15·7
1896	2,083,600	13,962	27,924	63,308	31,574	13·4	30·4	15·2
1897	2,110,400	14,220	28,440	63,417	32,389	13·4	30·0	15·3
1898	2,138,600	15,039	30,078	64,821	32,693	14·0	30·3	15·3
1899	2,167,500	15,480	30,960	67,000	36,500	14·3	30·9	16·8

\* Census year.



TABLE 50.—SWEDEN. Population, Marriages, Births, and Deaths, 1851-99.

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

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.
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*	4,572,285	28,919	57,838	134,262	82,753	12.6	29.4	18.1
1881	4,568,956	28,301	56,602	132,804	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	132,875	79,487	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	4,741,579	28,075	56,150	136,451	75,831	11.8	28.8	16.0
1889	4,761,333	28,478	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	4,793,866	27,940	55,880	135,516	80,603	11.7	28.3	16.8
1892	4,804,808	27,338	54,676	129,622	85,894	11.4	27.0	17.9
1893	4,815,508	27,219	54,438	131,729	81,027	11.3	27.4	16.8
1894	4,848,667	27,851	55,702	131,409	79,444	11.5	27.1	16.4
1895	4,896,221	28,728	57,456	134,599	74,368	11.7	27.5	15.2
1896	4,940,914	29,376	58,752	134,308	77,259	11.9	27.2	15.6
1897	4,986,100	30,221	60,442	132,999	76,558	12.1	26.7	15.4
1898	5,036,275	30,900	61,800	136,523	75,949	12.3	27.1	15.1
1899	5,080,160	31,813	63,626	133,007	89,486	12.5	26.2	17.6

\* Census year.

TABLE 51.—AUSTRIA. Population, Marriages, Births, and Deaths, 1853-99.

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

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	17,980,005	137,621	275,242	665,994	570,885	15.3	37.4	32.0
1854	18,034,250	124,258	248,516	654,267	622,695	13.8	36.5	34.8
1855	17,846,451	115,223	230,446	677,177	787,649	12.8	32.5	44.4
1856	17,980,409	145,733	291,466	637,353	541,446	16.4	36.3	30.2
1857*	18,224,500	150,852	301,704	713,693	510,052	16.6	40.1	28.1
1858	18,422,689	155,073	310,146	729,666	532,920	16.9	39.5	28.8
1859	18,637,737	130,656	261,312	753,880	540,475	14.1	40.4	29.0
1860	18,851,777	158,340	316,680	715,606	502,809	16.9	37.9	26.6
1861	18,998,027	151,440	302,880	708,209	563,402	16.0	37.2	29.6
1862	19,163,152	168,684	337,368	726,474	562,792	17.6	37.9	29.3
1863	19,369,559	162,958	325,916	781,445	576,481	16.9	40.3	30.0
1864	19,575,687	160,740	321,480	789,827	585,142	16.5	40.3	30.0
1865	19,724,712	153,492	306,984	746,445	598,863	15.6	37.8	30.3
1866	19,668,324	128,051	256,102	746,507	804,338†	13.0	37.9	40.9†
1867	19,816,250	191,661	383,322	726,538	580,055	19.4	36.6	29.2
1868	20,004,726	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	20,422,348	199,083	398,166	808,281	598,581	19.6	39.6	29.3
1871	20,601,251	194,591	389,182	801,515	616,729	18.9	38.9	29.9
1872	20,730,493	192,406	384,812	810,147	677,022	18.6	39.1	32.7
1873	20,742,490	194,815	389,630	828,030	811,150‡	18.7	39.9	39.1‡
1874	20,904,387	189,017	378,034	829,709	662,929	18.1	39.7	31.7
1875	21,107,719	180,349	360,698	842,303	634,088	17.2	39.9	30.0
1876	21,321,909	176,148	352,296	853,436	634,363	16.6	40.0	29.8
1877	21,470,054	161,337	322,674	830,776	677,748	15.1	38.7	31.6
1878	21,614,761	164,233	328,466	833,251	683,661	15.2	38.6	31.6
1879	21,812,980	169,088	338,176	855,593	652,491	15.5	39.2	29.9
1880*	21,931,821	167,200	334,400	827,980	654,258	15.2	38.0	29.8
1881	22,116,378	176,016	352,032	833,476	676,515	15.9	37.7	30.6
1882	22,280,546	183,378	366,756	873,522	686,951	16.5	39.1	30.8
1883	22,439,637	176,016	352,032	858,832	677,337	15.7	38.2	30.1
1884	22,629,031	179,171	358,342	878,321	666,523	15.9	38.7	29.4
1885	22,777,797	175,233	350,466	860,663	689,493	15.4	37.6	30.1
1886	22,952,897	180,191	360,382	876,063	678,458	15.7	38.0	29.4
1887	23,147,669	182,088	364,176	889,478	672,302	15.8	38.2	28.9
1888	23,328,594	185,991	371,982	889,901	686,573	16.0	37.9	29.2
1889	23,557,704	177,771	355,542	898,350	646,787	15.1	37.9	27.3
1890*	23,707,906	178,906	357,812	868,935	696,342	15.1	36.7	29.4
1891	23,932,790	186,418	372,836	919,503	673,315	15.6	37.0	28.2
1892	24,106,481	187,707	375,414	871,278	693,421	15.6	36.2	28.8
1893	24,350,327	193,235	386,470	923,420	660,081	15.9	37.9	27.2
1894	24,549,193	194,233	388,466	901,398	682,805	15.8	36.7	27.8
1895	24,669,268	199,761	399,522	941,184	682,899	16.2	38.1	27.7
1896	24,922,740	198,461	396,922	948,419	657,011	15.9	38.0	26.4
1897	25,335,258	203,843	407,686	944,764	646,019	16.2	37.5	25.6
1898	25,604,375	199,661	399,322	922,364	635,115	15.7	36.2	24.9
1899	25,886,312	213,926	427,852	959,211	657,343	16.5	37.1	25.4

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 52.—HUNGARY.\* Population, Marriages, Births, and Deaths, 1866—99.

(Furnished by the Director of the Statistical Central Office of Hungary.)

YEAR.	NUMBERS.					PROPORTION PER 1,000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MAR-RIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MAR-RIED.	BIRTHS.	DEATHS.
1866	12,956,546	105,670	211,340	546,110	504,043‡	16·3	42·1	38·9‡
1867	13,026,346	135,601	271,202	506,234	436,434	20·8	38·8	33·5
1868	13,140,388	179,637	359,274	557,841	443,799	27·3	42·4	33·8
1869†	13,561,245	146,272	292,544	566,123	424,106	22·0	42·6	32·0
1870	13,685,852	133,999	267,998	570,692	446,085	19·6	41·7	32·6
1871	13,741,650	142,853	285,706	591,148	535,350	20·8	43·0	39·0
1872	13,724,567	147,555	295,110	563,362	580,445	21·5	41·0	42·3
1873	13,417,304	153,068	306,136	566,792	874,055‡	22·6	42·2	65·1‡
1874	13,418,020	143,718	287,436	572,444	571,728‡	21·4	42·7	42·6‡
1875	13,525,459	147,443	294,886	608,440	501,001	21·8	45·0	37·0
1876	15,217,000	154,305	308,610	704,856	545,570	20·3	46·3	35·9
1877	15,378,000	143,380	286,760	669,816	562,485	18·7	43·6	36·6
1878	15,447,000	147,014	294,028	665,392	577,104	19·0	43·1	37·4
1879	15,571,000	162,188	324,376	713,584	556,605	20·8	45·8	35·7
1880†	15,697,000	144,126	288,252	672,352	583,788	18·4	42·8	37·2
1881	15,797,000	157,733	315,466	676,891	542,880	19·9	42·9	34·4
1882	15,919,000	163,839	327,678	696,682	561,579	20·6	43·8	35·3
1883	16,064,000	167,656	335,312	718,908	516,468	20·9	44·8	32·2
1884	16,265,000	167,528	335,056	741,206	504,473	20·6	45·6	31·0
1885	16,472,000	165,299	330,598	737,358	524,619	20·1	44·8	31·8
1886	16,676,000	160,793	321,586	759,865	527,961	19·3	45·6	31·7
1887	16,861,000	151,624	303,248	744,737	569,380	18·0	44·2	33·8
1888	17,031,000	158,881	317,762	745,867	545,169	18·7	43·8	32·0
1889	17,233,000	140,613	281,226	753,312	513,467	16·3	43·7	29·9
1890†	17,404,000	142,683	285,366	701,504	563,609	16·4	40·3	32·4
1891	17,544,368	150,825	301,650	742,416	581,263	17·2	42·3	33·1
1892	17,671,866	162,707	325,414	712,608	618,765	18·4	40·3	35·0
1893	17,820,428	166,511	333,022	758,222	554,941	18·7	42·5	31·1
1894	18,020,969	166,075	332,150	744,995	547,194	18·4	41·3	30·4
1895	18,229,636	153,931	307,862	758,302	538,768	16·9	41·6	29·6
1896	18,445,687	147,477	294,954	742,936	530,368	16·0	40·3	28·8
1897	18,661,519	151,169	302,338	748,064	528,967	16·2	40·1	28·3
1898	18,862,289	156,208	312,416	706,833	524,390	16·6	37·5	27·8
1899	19,067,980	170,826	341,652	743,272	514,334	17·9	39·0	27·0

\* The figures for the years 1866-75 refer to Hungary Proper; those for 1876 and subsequent years to the Kingdom of Hungary. The figures are, therefore, not strictly comparable.

† Census year.

‡ Cholera was epidemic.

TABLE 53.—SWITZERLAND. Population, Marriages, Births, and Deaths, 1868-99.

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

YEAR.	NUMBERS.					PROPORTION PER 1,000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MAR-RIED.	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	2,664,349	19,514	39,028	77,633	74,002	14·6	29·1	27·8
1872	2,680,530	21,212	42,424	80,329	59,758	15·8	30·0	22·3
1873	2,698,397	20,649	41,298	80,572	61,676	15·3	29·9	22·9
1874	2,721,542	22,655	45,310	83,051	60,845	16·6	30·5	22·4
1875	2,733,980	24,629	49,258	87,579	66,113	18·0	32·0	24·2
1876	2,748,930	22,376	44,752	90,786	66,819	16·3	33·0	24·3
1877	2,764,930	21,871	43,742	89,244	65,353	15·8	32·3	23·6
1878	2,780,563	20,590	41,180	87,833	65,311	14·8	31·6	23·5
1879	2,801,767	19,450	38,900	86,180	63,651	13·9	30·8	22·7
1880*	2,827,572	19,413	38,826	84,165	62,223	13·7	29·8	22·0
1881	2,835,820	19,425	38,850	85,142	63,979	13·7	30·6	22·6
1882	2,836,831	19,414	38,828	82,689	62,849	13·7	29·1	22·2
1883	2,848,445	19,696	39,392	81,974	58,733	13·8	28·8	20·6
1884	2,861,238	19,898	39,796	81,571	58,301	13·9	28·5	20·4
1885	2,874,038	20,105	40,210	80,349	61,548	14·0	28·0	21·4
1886	2,886,832	20,080	40,160	80,763	60,061	13·9	28·0	20·8
1887	2,899,626	20,646	41,292	81,287	58,939	14·2	28·0	20·3
1888*	2,912,420	20,706	41,412	81,098	58,229	14·2	27·8	20·0
1889	2,937,007	20,691	41,382	81,176	59,715	14·1	27·6	20·3
1890	2,970,012	20,836	41,672	78,548	61,805	14·0	26·4	20·8
1891	3,003,017	21,264	42,528	83,596	61,183	14·2	27·8	20·4
1892	3,036,022	21,884	43,768	83,125	57,178	14·4	27·4	18·8
1893	3,069,027	21,884	43,768	84,897	61,059	14·3	27·7	19·9
1894	3,102,032	22,188	44,376	84,142	61,885	14·3	27·1	19·9
1895	3,135,037	22,682	45,364	84,973	59,747	14·5	27·1	19·1
1896	3,168,042	23,784	47,568	88,428	56,096	15·0	27·9	17·7
1897	3,201,047	24,954	49,908	89,988	56,399	15·6	28·1	17·6
1898	3,234,052	25,114	50,228	91,793	58,914	15·5	28·4	18·2
1899	3,267,057	25,412	50,824	94,472	57,591	15·6	28·9	17·6

\* Census year.



TABLE 54.—GERMAN EMPIRE. Population, Marriages, Births, and Deaths, 1872-99.

(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.	PERSONS MAR-RIED.	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	1,174,293	20·0	39·7	28·3
1874	41,983,000	400,282	800,564	1,683,440	1,122,396	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	753,308	1,761,407	1,142,826	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	49,762,000	399,398	798,796	1,840,172	1,164,421	16·1	37·0	23·4
1892	50,266,000	398,775	797,550	1,795,971	1,211,402	15·9	35·7	24·1
1893	50,757,000	401,234	802,468	1,865,715	1,248,201	15·8	36·8	24·6
1894	51,339,000	408,066	816,132	1,841,205	1,144,331	15·9	35·9	22·3
1895*	52,001,000	414,218	828,436	1,877,278	1,151,488	15·9	36·1	22·1
1896	52,735,000	432,107	864,214	1,914,749	1,098,966	16·4	36·3	20·8
1897	53,513,929	447,770	895,540	1,926,690	1,142,056	16·7	36·0	21·3
1898	54,314,042	458,877	917,754	1,964,731	1,117,860	16·9	36·2	20·6
1899	55,119,106	471,519	943,038	1,980,304	1,185,197	17·1	35·9	21·5

\* Census year.

TABLE 55.—PRUSSIA. Population, Marriages, Births, and Deaths, 1855-99.

(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.	PERSONS MAR-RIED.	BIRTHS.	DEATHS.
1855*	17,176,336	131,911	263,822	593,566	526,157	15·4	34·6	30·6
1856	17,276,226	141,267	282,534	601,058	453,300	16·4	34·8	26·2
1857	17,439,813	162,475	324,950	674,839	493,175	18·6	38·7	28·3
1858*	17,634,959	167,387	334,774	699,465	488,913	19·0	39·7	27·7
1859	17,870,194	150,569	301,138	715,729	462,369	16·8	40·1	25·9
1860	18,139,940	151,847	303,694	699,524	429,973	16·7	38·6	23·7
1861*	18,394,861	146,992	293,984	693,090	467,617	16·0	37·7	25·4
1862	18,629,026	157,118	314,236	692,504	457,741	16·9	37·2	24·6
1863	18,875,966	163,704	327,408	745,347	492,079	17·3	39·5	26·1
1864*	19,134,883	165,590	331,180	759,132	503,289†	17·3	39·7	26·3†
1865	19,363,435	176,236	352,472	761,452	530,170	18·2	39·3	27·4
1866	19,487,770	151,759	303,518	765,526	664,932†	15·6	39·3	24·1†
1867*	23,877,134	222,466	444,932	885,318	614,872	18·6	37·1	25·8
1868	24,066,759	212,958	425,916	887,998	658,754	17·7	36·9	27·4
1869	24,260,862	216,914	433,828	919,308	632,196	17·9	37·9	26·1
1870	24,484,786	181,539	363,078	938,752	665,982†	14·8	38·3	27·2†
1871*	24,630,440	195,873	391,746	832,073	708,143†	15·9	33·8	28·8†
1872	24,750,637	255,421	510,842	982,915	724,783	20·6	39·7	29·3
1873	24,948,408	252,872	505,744	987,904	698,426†	20·3	39·6	28·0†
1874	25,219,818	244,773	489,546	1,012,133	651,137	19·4	40·1	25·8
1875*	25,549,935	230,875	461,750	1,040,848	678,734	18·1	40·7	26·6
1876	25,950,148	221,727	443,454	1,057,052	660,453	17·1	40·7	25·4
1877	26,305,317	210,357	420,714	1,048,923	672,438	16·0	39·9	25·6
1878	26,634,797	207,716	415,432	1,032,365	686,344	15·6	38·7	25·8
1879	26,952,742	206,752	413,504	1,052,080	666,637	15·3	39·0	24·7
1880*	27,205,339	208,456	416,912	1,029,200	692,944	15·3	37·8	25·5
1881	27,382,662	209,586	419,172	1,013,058	682,386	15·3	37·0	24·9
1882	27,560,419	217,239	434,478	1,036,273	700,355	15·8	37·6	25·4
1883	27,746,488	220,748	441,496	1,028,985	711,399	15·9	37·1	25·6
1884	27,955,360	225,939	451,878	1,051,293	718,250	16·2	37·6	25·7
1885*	28,207,721	230,707	461,414	1,064,803	717,043	16·4	37·7	25·4
1886	28,484,191	231,588	463,176	1,074,589	742,917	16·3	37·7	26·1
1887	28,790,042	229,999	459,998	1,085,289	686,336	16·0	37·7	23·8
1888	29,137,429	233,421	466,842	1,091,453	665,581	16·0	37·4	22·8
1889	29,493,056	240,996	481,992	1,094,757	682,913	16·3	37·1	23·2
1890*	29,825,633	244,657	489,314	1,092,414	717,310	16·4	36·6	24·0
1891	30,165,866	245,906	491,812	1,138,459	689,583	16·3	37·7	22·9
1892	30,501,468	245,447	490,894	1,106,707	714,793	16·1	36·3	23·4
1893	30,830,253	248,348	496,696	1,156,482	746,644	16·1	37·5	24·2
1894	31,222,040	250,960	501,920	1,143,255	679,914	16·1	36·6	21·8
1895*	31,666,802	253,729	507,458	1,168,153	689,777	16·0	36·9	21·8
1896	32,142,517	264,822	529,644	1,185,436	666,768	16·5	36·9	20·7
1897	32,638,581	274,693	549,386	1,194,012	682,999	16·8	36·6	20·9
1898	33,156,573	280,394	560,788	1,219,479	665,103	16·9	36·8	20·1
1899	33,672,402	287,408	574,816	1,225,454	720,581	17·1	36·4	21·4

NOTE.—Prussia includes Schleswig-Holstein, Hanover, Hesse-Nassau, and Frankfort-on-Maine from the year 1867; the Duchy of Lauenburg since the middle of the year 1876; and Heligoland since 1891.  
\* Census year.  
† Cholera prevailed in 1863 and 1873. The deaths for 1864, 1866, 1870, and 1871 include those of soldiers who fell in war.



TABLE 56.—THE NETHERLANDS. Population, Marriages, Births, and Deaths, 1853-99.

(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 MAR-RIED.	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	27,680	55,360	126,059	89,944	15.3	34.9	24.9
1869*	3,606,219	27,796	55,592	123,789	82,553	15.4	34.3	22.9
1870	3,601,146	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	3,788,395	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	3,953,339	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	4,087,334	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	4,199,018	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	30,862	61,724	151,094	91,241	13.8	33.7	20.4
1889*	4,527,264	31,494	62,988	150,529	91,135	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	94,844	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
1894	4,764,279	34,470	68,940	154,722	87,970	14.4	32.7	18.5
1895	4,827,549	35,598	71,196	158,130	90,007	14.7	32.8	18.6
1896	4,894,055	36,490	72,980	160,247	84,291	14.9	32.7	17.2
1897	4,966,431	36,796	73,592	161,441	83,856	14.8	32.5	16.9
1898	5,039,418	36,813	73,626	160,765	85,813	14.6	31.9	17.0
1899	5,107,098	37,990	75,980	163,289	87,319	14.9	32.0	17.1

\* 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 57.—BELGIUM. Population, Marriages, Births, and Deaths, 1853-99.

(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 MAR-RIED.	BIRTHS.	DEATHS.
1853	4,548,507	30,636	61,272	127,728	100,333	13.5	28.1	22.1
1854	4,585,096	29,485	58,970	131,837	103,266	12.9	28.8	22.5
1855	4,607,066	29,815	59,630	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	4,671,226	36,941	73,882	149,812	111,650	15.8	32.1	23.9
1860	4,731,996	35,112	70,224	144,668	92,871	14.8	30.6	19.6
1861	4,782,255	33,802	67,604	147,253	106,381	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	32.5	21.7
1869	5,021,336	37,134	74,268	158,687	109,607	14.8	31.6	21.8
1870	5,087,826	35,263	70,526	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	5,536,854	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	6,136,444	45,449	90,898	181,917	128,786	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	6,262,272	47,065	94,130	183,062	125,530	15.2	29.5	20.3
1894	6,341,958	47,735	95,470	181,466	118,213	15.1	29.0	18.6
1895	6,410,783	49,712	99,424	183,015	125,148	15.5	28.5	19.5
1896	6,495,886	52,585	105,170	188,533	113,748	16.2	29.0	17.5
1897	6,586,593	54,198	108,396	190,987	113,586	16.4	29.0	17.2
1898	6,669,732	55,444	110,888	190,921	117,457	16.6	28.6	17.6
1899	6,744,532	55,765	111,530	194,268	126,963	16.5	28.8	18.8

\* Census year.

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



TABLE 58.—FRANCE. Population, Marriages, Births, and Deaths, 1853-99.

(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 MAR-RIED.	BIRTHS.	DEATHS.
1853	36,070,000	280,609	561,218	936,967	795,607	15·6	26·0	22·0
1854	36,230,000	270,896	541,792	923,461	992,779	15·0	25·5	27·4†
1855	36,080,000	283,335	566,670	902,336	937,942	15·7	25·0	26·0
1856*	36,200,000	284,401	568,802	952,116	837,082	15·7	26·3	23·1
1857	36,300,000	295,510	591,020	940,709	858,785	16·3	25·9	23·7
1858	36,350,000	307,056	614,112	969,343	874,186	16·9	26·7	24·1
1859	36,510,000	298,417	596,834	1,017,896	979,333	16·3	27·9	26·8
1860	36,510,000	288,936	577,872	956,875	781,635	15·8	26·2	21·4
1861*	37,390,000	305,203	610,406	1,005,078	866,597	16·3	26·9	23·2
1862	37,520,000	303,514	607,028	995,167	812,978	16·2	26·5	21·7
1863	37,720,000	301,376	602,752	1,012,794	846,917	16·0	26·9	22·5
1864	37,860,000	299,579	599,158	1,005,880	860,330	15·8	26·6	22·7
1865	38,020,000	299,242	598,484	1,005,753	921,887†	15·7	26·5	24·3
1866*	38,080,000	303,634	607,268	1,006,258	884,573†	16·0	26·4	23·2
1867	38,230,000	300,333	600,666	1,007,755	866,887	15·7	26·4	22·7
1868	38,330,000	301,225	602,450	984,140	922,038	15·7	25·7	24·1
1869	38,390,000	303,482	606,964	948,526	864,320	16·5	25·7	23·5
1870	38,440,000	223,705	447,410	943,515	1,046,909†	12·1	25·5	28·4†
1871	36,150,000	262,476	524,952	826,121	1,271,010†	14·5	22·9	35·1†
1872*	36,130,000	352,754	705,508	966,000	793,064	19·5	26·7	22·0
1873	36,330,000	321,238	642,476	946,364	844,588	17·7	26·0	23·3
1874	36,520,000	303,113	606,226	954,652	781,709	16·6	26·1	21·4
1875	36,720,000	300,427	600,854	950,975	845,062	16·4	25·9	23·0
1876*	36,860,000	291,393	582,786	966,682	834,074	15·8	26·2	22·6
1877	37,090,000	278,094	556,188	944,576	801,956	15·0	25·5	21·6
1878	37,250,000	279,580	559,160	937,317	839,176	15·0	25·2	22·5
1879	37,380,000	282,776	565,552	936,529	839,882	15·1	25·1	22·5
1880	37,460,000	279,046	558,092	920,177	858,237	14·9	24·6	22·9
1881*	37,620,000	282,079	564,158	937,057	828,828	15·0	24·9	22·0
1882	37,730,000	281,060	562,120	935,566	838,539	14·9	24·8	22·2
1883	37,870,000	284,519	569,038	937,944	841,141	15·0	24·8	22·2
1884	38,020,000	289,555	579,110	937,758	858,784	15·2	24·7	22·6
1885	38,130,000	283,170	566,340	924,558	836,897	14·9	24·3	22·0
1886*	38,240,000	283,208	566,416	912,838	860,222	14·8	23·9	22·5
1887	38,260,000	277,060	554,120	899,333	842,797	14·5	23·5	22·0
1888	38,290,000	276,848	553,696	882,639	837,867	14·4	23·1	21·9
1889	38,370,000	272,934	545,868	880,453	794,933	14·2	23·0	20·7
1890	38,380,000	269,332	538,664	838,059	876,505	14·0	21·8	22·8
1891*	38,340,000	285,458	570,916	866,377	876,882	14·9	22·6	22·9
1892	38,350,000	290,319	580,638	855,847	875,888	15·1	22·3	22·8
1893	38,580,000	287,294	574,588	874,672	867,526	14·9	22·7	22·5
1894	38,420,000	286,662	573,324	855,388	815,620	14·9	22·3	21·2
1895	38,460,000	282,915	565,830	834,173	851,986	14·7	21·7	22·2
1896*	38,520,000	290,171	580,342	865,586	771,886	15·1	22·5	20·0
1897	38,600,000	291,462	582,924	859,107	751,019	15·1	22·3	19·5
1898	38,700,000	287,179	574,358	843,933	810,073	14·8	21·8	20·9
1899	38,700,000	295,752	591,504	847,627	816,233	15·3	21·9	21·1

NOTE.—The numbers of marriages, births, and deaths in Alsace-Lorraine during the years 1869 and 1870 have been excluded from those shown in the table; and in the calculation of rates for these two years the population of Alsace-Lorraine has been subtracted from the total population. 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 1854, and war raged in 1870 and 1871.

TABLE 59.—SPAIN. Population, Marriages, Births, and Deaths, 1861-99.

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, at the 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	15,867,326	128,696	257,392	615,919	430,663	16·2	38·8	27·1
1863	16,043,725	124,176	248,352	606,800	461,661	15·5	37·8	28·8
1864	16,180,205	126,303	252,606	629,546	499,486	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	16,656,901	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	593,347	512,249	12·4	35·8	30·6
1871-7	—	—	—	—	—	—	—	—
1878	16,634,345	117,693	235,386	608,682	509,598	14·2	36·6	30·6
1879	16,733,429	110,724	221,448	609,222	512,093	13·2	36·4	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	625,601	535,570	12·0	36·7	31·4
1883	17,144,319	107,983	215,966	617,023	567,653	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	—	110,887	221,774	639,667	511,230	—	—	—
1887*	17,565,632	96,313	192,626	633,248	574,485	11·0	36·1	32·7
1888	—	98,918	197,836	641,404	531,354	—	—	—
1889	—	138,229	276,458	647,441	545,183	—	—	—
1890	—	141,839	283,678	615,549	577,512	—	—	—
1891	—	156,591	313,182	635,307	568,054	—	—	—
1892	—	151,962	303,924	647,808	556,296	—	—	—
1893	—	141,187	282,374	645,105	541,313	—	—	—
1894	—	141,933	283,866	632,707	556,355	—	—	—
1895	—	—	—	—	—	—	—	—
1896	—	—	—	—	—	—	—	—
1897	—	—	—	—	—	—	—	—
1898	—	—	—	—	—	—	—	—
1899	—	—	—	—	—	—	—	—

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 in that year.

\* Census year.



TABLE 60.—ITALY. Population, Marriages, Births, and Deaths, 1864-99.

(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.
1864	24,780,977	198,759	397,518	938,795	737,136	16·0	37·9	29·8
1865	24,950,044	226,458	452,916	961,234	746,685	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	778,798	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	843,161	16·8	37·7	30·7
1876	27,630,389	225,453	450,906	1,083,721	796,420	16·4	39·2	28·8
1877	27,796,236	214,972	429,944	1,029,037	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	869,992	13·9	33·9	30·8
1881*	28,459,628	230,143	460,286	1,081,125	784,181	16·2	38·0	27·6
1882	28,648,381	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	768,068	15·4	38·4	25·6
1890	30,158,144	221,972	443,944	1,083,103	795,911	14·7	35·9	26·4
1891	30,346,857	227,656	455,312	1,132,139	795,327	15·0	37·3	26·2
1892	30,535,591	228,572	457,144	1,110,573	802,779	15·0	36·3	26·3
1893	30,724,319	228,103	456,206	1,126,296	776,713	14·8	36·7	25·3
1894	30,913,036	231,581	463,162	1,102,935	776,372	15·0	35·7	25·1
1895	31,101,762	228,152	456,304	1,092,102	783,813	14·7	35·1	25·2
1896	31,290,490	222,603	445,206	1,095,505	758,129	14·2	35·0	24·2
1897	31,479,217	229,041	458,082	1,101,848	695,602	14·5	35·0	22·1
1898	31,667,946	219,597	439,194	1,070,074	732,265	13·9	33·8	23·1
1899	31,856,675	235,665	471,330	1,088,558	703,393	14·8	34·2	22·1

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; for the years subsequent to 1881 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.