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SIXTY-FIRST
ANNUAL REPORT

OF THE

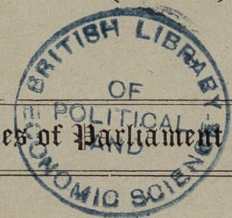
REGISTRAR-GENERAL

OF

BIRTHS, DEATHS, AND MARRIAGES

IN ENGLAND.

(1898.)



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



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By DARLING & SON, LTD., 1-3, GREAT ST. THOMAS APOSTLE, E.C.

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SIXTY-FIRST
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OF THE

REGISTRAR-GENERAL

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MARRIAGES, DEATHS AND BIRTHS

IN ENGLAND

(1898)

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REPORT

TO

THE RIGHT HONOURABLE HENRY CHAPLIN, M.P.,

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

(1898.)

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 1898.

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 1898 amounted to 2,637,814 ; and, if there had been neither emigration nor immigration, this would have raised the population to 31,640,339 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 for

these years, 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 1898. The population of England and Wales calculated in this way amounted, in the middle of the year 1898, to 31,397,078 persons, of whom 15,213,160 were males, and 16,183,918 were females.

MARRIAGES.

During the year 1898, there were registered 255,379 marriages, corresponding to a rate of 16·3 persons married per 1000 of the estimated population. The rates in the five years 1893-97 had been 14·7, 15·1, 15·0, 15·8, and 16·0. Unless, therefore, the recent increase of population has been much more rapid than is allowed for in the provisional estimates, the marriage rate has steadily and substantially risen during the last six years. Among registration counties the lowest marriage rates during 1898 were 12·0 in Rutlandshire, 12·6 in Herefordshire and in Westmorland, 12·8 in Middlesex, and 13·4 in Oxfordshire; the highest rates were 17·5 in Nottinghamshire, in the East Riding of Yorkshire and in Durham, 17·8 in Northumberland, 18·7 in London, and 18·9 in Warwickshire. The five counties which showed the lowest rates in 1898 had also shown the lowest rates in the previous year. Of the six counties which showed the highest rates in 1898, four had in 1897 also been among the counties with the highest rates, whilst the rates in the other two, Durham and Northumberland, had also been above the rate for the whole country.

The further rise of the marriage-rate of England and Wales in 1898 was accompanied by a fall in the value of British exports amounting to 1s. 5d., and a rise in the value of imports amounting to 7s. 7d. per head of the estimated population of the United Kingdom; by a rise of 3s. 10d. per quarter in the price of wheat; and by a rise of £17 per head of the population, in the amount cleared at the Bankers' Clearing House. (Table A.)

Forms of Marriage.—Of the 255,379 marriages in England and Wales during 1898, 174,826, or 685 per 1000, were solemnized according to the rites of the Established Church, and 80,553, or 315 per 1000, were contracted otherwise. As compared with the figures for the previous year, these proportions show a transference of 1 marriage per 1000 from the first to the second of the above categories. Among the Church marriages there was a slight increase in the proportion of marriages by banns, and a decrease in those by licence and by Superintendent Registrar's Certificate. Roman Catholic marriages formed a smaller proportion of the total than in any year since 1892; whilst marriages in registered buildings belonging to other Christian denominations, a also

TABLE A.—MARRIAGE-RATE, VALUE OF BRITISH EXPORTS AND IMPORTS, PRICE OF WHEAT, and amount cleared at the London Bankers' Clearing House 1860-98.*

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 10 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	255
1873	17·6	7 18 7	11 10 10	21 4 2	58 8	264
1874	17·0	7 7 5	11 7 9	20 11 0	55 8	249
1875	16·7	6 16 2	11 7 10	19 19 4	45 2	235
1876	16·5	6 0 11	11 6 1	19 0 10	46 2	203
1877	15·7	5 18 6	11 15 0	19 5 5	56 9	203
1878	15·2	5 13 8	10 17 5	18 2 1	46 5	200
1879	14·4	5 11 9	10 11 9	17 16 10	43 10	195
1880	14·9	6 8 11	11 17 8	20 3 3	44 4	222
1881	15·1	6 14 0	11 7 4	19 17 5	45 4	244
1882	15·5	6 17 2	11 14 7	20 8 10	45 1	236
1883	15·5	6 15 4	12 0 10	20 13 2	41 7	223
1884	15·1	6 10 6	10 18 4	19 4 1	35 8	215
1885	14·5	5 18 4	10 6 0	17 16 9	32 10	202
1886	14·2	5 17 2	9 12 8	17 0 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 1	19 0 5	34 0	258

* 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.

marriages of Quakers and of Jews, showed the same proportions as in 1897. The proportion of civil marriages increased from 146 per 1000 in 1896 and in 1897 to 148 in 1898. (Table 7.)

First Marriages; Re-marriages.—Of the 255,379 men who married during the year under notice, 231,085, or 905 per 1000, were bachelors, and 24,294, or 95 per 1000, were widowers. Of the 255,379 women who married, 238,095, or 932 per 1000, were spinsters, and 17,284, or 68 per 1000, were widows. (Table 9.) The proportions of re-marriages of both sexes are the lowest on record, the figures having shown an almost continuous decline for many years, as the following table shows :—

	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

Of the persons who married in the course of the year 1898, 376 are described in the marriage register as having been previously divorced.* This is the largest number of such marriages on record, the numbers in the three years 1895-97 having been 262, 296, and 311 respectively. Of the 376 divorced persons who re-married in 1898, 203 were men, of whom 160 married spinsters and 32 married widows; and 173 were women, of whom 133 married bachelors and 29 married widowers; in 11 cases divorced men married divorced women.

Ages at Marriage.—Among the persons who married in 1898, 51 per 1000 of the husbands and 168 per 1000 of the wives were minors. The proportion of husbands who were under age was

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

the same as in the previous year, and lower than in any other year since 1851. The proportion of wives who were under age was the lowest in any year since 1851. The following figures show the decline in marriages of minors since 1871 :—

	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

Among registration counties the lowest proportions of husbands under age at marriage in 1898 were in Dorsetshire, Herefordshire, Shropshire, Rutlandshire, and North Wales. The lowest proportions of wives under age were in Herefordshire, Shropshire, Rutlandshire, Westmorland, and North Wales. In nearly all of these counties marriages of minors had also been comparatively few in 1897 and in previous years.

In other counties the number of husbands under age at marriage ranged upwards to 64 per 1000 in Northamptonshire, 67 in Warwickshire, 70 in Staffordshire, 77 in Leicestershire, 79 in Nottinghamshire, and 86 in Bedfordshire; and the number of wives under age to 199 per 1000 in Staffordshire, 203 in the East Riding of Yorkshire, 207 in Monmouthshire, 213 in Derbyshire, 227 in Nottinghamshire, and 229 in Durham. These counties had also shown the highest proportions of minors of the two sexes respectively in the year 1897, and, with one exception only, in the ten-year period 1888-97 (Table 10).

Among the 510,758 persons who married in 1898, all but 3517, or 1·4 per cent. of the husbands, and all but 3734, or 1·5 per cent. of the wives, made definite statements of age in the marriage register. Compared with the decreasing percentages of unstated ages in recent years, these figures show a further reduction. Of the 56,005 minors who married, all but 15, or 1 in 3734, stated their ages. Among the adults, 98·55 per cent. of the husbands

and 98.25 per cent. of the wives made definite statements of age : the remaining 1.45 per cent. and 1.75 per cent. respectively being indefinitely described as "of full age."

As in the previous year, unstated ages were much more frequent in re-marriages than in first marriages, and they 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	1.1	1.3
Bachelors with Widows	2.4	2.8
Widowers with Spinsters	4.3	4.5
Widowers with Widows	4.7	4.9
In all Marriages of—		
Bachelors	1.1	1.4
Widowers	4.5	4.6
Spinsters	1.3	1.6
Widows	3.6	3.9

All these percentages are less than the corresponding figures for 1897. Estimates of the mean ages at marriage in 1898, being based on increased percentages of recorded ages, may therefore be regarded as more nearly accurate than similar estimates for 1897 and previous years. Table B. contains comparative figures for 1897 and 1898 on the plan which was described in detail on p. xi. of the Fifty-ninth Annual Report.

The mean of the recorded ages of bachelors who married was .01 of a year less in 1898 than in 1897. The general tendency in recent years has been for this figure to increase ; it would be unsafe to infer that the slight decrease during the year under notice indicates a returning tendency towards early marriage. The mean recorded age of spinsters who married was greater in 1897 than it had been in 1896, and it again shows an increase in 1898. The mean age of those who re-married in 1898 shows an increase among widowers and a decrease among widows.

TABLE B.—MEAN AGES at MARRIAGE in 1897 and 1898.

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.				
	1897.		1898.		1897.		1898.		
	Hus-bands.	Wives.	Hus-bands.	Wives.	Hus-bands.	Wives.	Hus-bands.	Wives.	
Bachelors with Spinsters	Years. 26'35	Years. 24'59	Years. 26'34	Years. 24'62	'030	'031	'027	'028	
Bachelors with Widows	34'10	35'95	33'94	35'85	'089	'108	'083	'101	
Widowers with Spinsters	41'43	32'31	41'82	32'68	'192	'154	'180	'144	
Widowers with Widows	49'73	45'00	49'69	45'04	'254	'239	'235	'221	
In all Marriages of	Bachelors	26'63	25'00	26'62	25'02	'032	'033	'029	'030
	Widowers	44'53	37'05	44'70	37'21	'216	'186	'200	'172
	Spinsters	27'34	25'10	27'34	25'14	'041	'038	'037	'035
	Widows	42'36	40'74	42'06	40'59	'176	'177	'161	'163
In all Marriages	28'38	26'18	28'34	26'18	'050	'048	'045	'044	

In continuation of Tables in the last two Reports, the age-constitution of the persons who married in 1897 and in 1898 is shown below (Table C.)

TABLE C.—AGE-CONSTITUTION of PERSONS who MARRIED in 1897 and 1898, reduced to 1000 at ALL AGES.

	Bachelors.		Widowers.		Spinsters.		Widows.		
	1897.	1898.	1897.	1898.	1897.	1898.	1897.	1898.	
All Ages	1000	1000	1000	1000	1000	1000	1000	1000	
Minors	57	57	0	0	183	180	1	1	
Of Full Age.	21—	412	412	10	11	435	436	27	27
	25—	345	346	74	73	251	253	107	116
	30—	111	110	135	133	73	73	179	178
	35—	39	38	162	152	26	26	189	187
	40—	14	15	148	150	10	11	155	153
	45—	6	6	131	139	5	5	125	125
	50—	2	3	108	109	2	2	81	83
55 and upwards	2	2	184	188	1	1	94	91	
Age not stated	12	11	48	45	14	13	42	39	

Signature in Marriage Register.—The marriage records for 1898 show a further decrease in the proportions of both sexes who sign the register with marks. The proportion of illiterate men fell to 31, and the proportion of illiterate women fell to 36 in 1000 marriages. In 10 per 1000 of the marriages both bride and bridegroom signed with marks; in 21 the bridegroom signed by mark and the bride wrote her name; and in 26 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

The counties which in 1898 showed the highest proportions of illiteracy were : among men, Huntingdonshire, Cambridgeshire, Suffolk, Cornwall, Herefordshire, Shropshire, Staffordshire, and North Wales ; and among women, Staffordshire, Lancashire, the West Riding of Yorkshire, Durham, Monmouthshire, South Wales, and North Wales. With very few exceptions these counties had also been similarly distinguished in the year 1897 and in the ten-year period 1888-97.

Attention has been drawn in previous Reports to two peculiarities concerning the local distribution of illiteracy :—First, that illiterates of both sexes are more numerous in the Northern than in the Southern parts of the country ; and, secondly, that in the Southern part of the country generally (with the exception of London), illiteracy is more common among the men than among the women who marry, whilst in London and in the Northern part of the country the reverse obtains. Both of these peculiarities are again shown by the figures for 1898. Referring to Table 10 the counties

may be grouped thus :—(1) London as one section ; (2) the continuous area formed by the whole of the second, third, fourth, and fifth registration divisions, together with the counties of Gloucestershire, Herefordshire, and Shropshire from the sixth division, and Leicestershire, Rutlandshire, and Lincolnshire from the seventh division as a second section ; and (3) the continuous area formed by the remaining counties as a third section. The several proportions of illiterates in 1000 marriages during 1898 were as follows :—

	Husbands.	Wives.
First Section—LONDON	25	32
Second Section—Divisions II., III., IV., V., and counties of Gloucester, Hereford, Salop, Leicester, Rutland, and Lincoln.	30	22
Third Section—Divisions VIII., IX., X., XI., and counties of Stafford, Warwick, Worcester, Nottingham, and Derby.	34	45

In every county of the second section (except Leicestershire, where the numbers were equal) there were more illiterate husbands than wives ; and in every county of the third section, except Westmorland, there were more illiterate wives than husbands. Closer examination of the registers shows that there are 5 districts in London and 40 districts in the third section, in each of which the aggregate of husbands and wives who signed by mark exceeded 100 in every 1000 marriages. In these 5 London districts, viz., London City, Bethnal Green, Whitechapel, St. George-in-the-East, and Mile End Old Town, 113 per 1000 of the husbands and 159 per 1000 of the wives signed by mark, the proportions in Mile End Old Town reaching 196 and 259 per 1000 respectively. The marriage registers indicate that these persons are mainly foreign Jews. Excluding the 5 districts named, the proportions of illiterates in the remainder of London are 16 per 1000 husbands and 18 per 1000 wives. In the above-mentioned 40 districts of the third section, 58 out of 1000 bridegrooms and 77 out of 1000 brides signed by mark ; whilst in the remainder of the section, after excluding these 40 districts, the proportions were 27 and 36 per 1000 among bridegrooms and brides respectively. Among districts in the northern counties in which specially large proportions of brides and bridegrooms sign with marks are Dudley, Birmingham, Liverpool, Leeds, Dewsbury, and Sheffield. Out of 137 marriages during the year in one parish church in the district of Dewsbury, there were 110 in which both the contracting parties signed by mark ; and out of 108 marriages in one parish church in Sheffield, there were 58 in which both parties signed by mark.

Buildings registered for the Solemnization of Marriages.—At the end of the year 1898 there were 15,301 churches or chapels of the Established Church in which marriages can be solemnized, showing an increase of 39 upon the number at the end of 1897. There were also 12,285 buildings on the register for marriages by rites other than those of the Established Church, showing an increase of 287 upon the number on the register at the end of the previous year. (Table 6.)

Certified Places of Worship.—The number of buildings certified for religious worship in the course of 1898, and recorded in the official register under the provisions of the Acts 15 & 16 Vict. c. 36, and 18 & 19 Vict. c. 81, was 581; while 370 buildings were removed from the register on proof of disuse: the total number on the register at the end of the year 1898 was 23,615.

BIRTHS.

The births registered during the year 1898 numbered 923,265, and were equal to a rate of 29·4 per 1000 persons living. This is the lowest rate since civil registration began, and 1·1 per 1000 below the average rate in the preceding ten years. There are only three other instances on record of a birth-rate below 30 per 1000, viz., 29·6 in 1894, and 29·7 in 1896 and again 29·7 in 1897. Among registration counties the lowest birth-rates during 1898 were 21·5 in Rutlandshire, 22·9 in Sussex and in Westmorland, 24·1 in Oxfordshire, and 24·4 in Surrey; the highest were 32·5 in Northumberland, 32·9 in Warwickshire, 33·0 in South Wales, 33·4 in Monmouthshire, 35·2 in Durham, and 35·3 in Staffordshire.

Sex.—The births of males numbered 468,920, and the births of females 454,345. The births of males were therefore to those of females as 1032 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 1898 were 970 to 1000 in Huntingdonshire, 984 in Berkshire, 1001 in Worcester-shire, 1005 in South Wales, and 1013 in Suffolk. The highest proportions were 1067 to 1000 in Cambridgeshire and in Leicestershire, 1072 in Dorsetshire and in Rutlandshire, 1076 in Somersetshire, and 1106 in Herefordshire.

Illegitimate Births.—The infants registered in 1898 as born out of wedlock numbered 38,333; they were in the proportion of 42 per 1000 births, the same proportion having also obtained in each of the three years immediately preceding. In proportion to population, the illegitimate birth-rate was equal to 1·2 per 1000, which had also been the rate in 1897. (Table 3.) Among registration counties the lowest proportions of illegitimate to total births were 29 per 1000 in Essex, 30 in Middlesex, 32 in

Warwickshire, 33 in Somersetshire, and 34 in Monmouthshire and in South Wales. The highest proportions were 60 per 1000 in North Wales, 62 in Westmorland, 63 in Norfolk, 67 in Cumberland, 72 in Shropshire, and 78 in Herefordshire. The six counties last mentioned had also shown the highest average ratios of illegitimate to total births in the ten years 1888–97. (Table 11.)

DEATHS.

The deaths registered in England and Wales during the year 1898 numbered 552,141, and were in the proportion of 17·6 per 1000 of the population, or 0·8 below the mean rate in the ten years immediately preceding. With the exception of the rates in 1894, 1896, and 1897, the rate in 1898 was the lowest on record. (Table 3.)

Among registration counties the lowest rates were 13·4 in Westmorland, 14·0 in Middlesex, 14·1 in Oxfordshire, 14·2 in Surrey, 14·4 in Sussex, 14·5 in Buckinghamshire, 14·7 in Wiltshire, and 14·9 in Berkshire. The highest county rates were 18·3 in London, 18·4 in the West Riding and in the East Riding of Yorkshire, 19·0 in Warwickshire, 19·3 in North Wales, 19·4 in Lancashire and in Durham, and 19·8 in Staffordshire and in Northumberland. (Table 11.)

Sex.—The 552,141 registered deaths in England and Wales included 283,981 of males and 268,160 of females. Among males the death-rate was equal to 18·7, and among females to 16·6, per 1000 living of each sex respectively. Compared with the average death-rate in the seven years which have elapsed since the last census, the rate of mortality in 1898 was lower by 4 per cent. among both males and females. Out of equal numbers living, there were 1127 deaths of males to 1000 deaths of females, as compared with an average proportion of 1124 to 1000 in the ten years 1888–97. (Table 3.)

Ages at Death.—At the age-groups between 5 years and 20, the death-rates of both sexes were the lowest on record. In the groups between 20 years and 35, the death-rates of males slightly exceeded, whilst those of females corresponded to, the lowest rates on record. Among children under 5 years of age, and among persons between 35 and 75 years of age, the death-rates of both sexes although low were somewhat in excess of the lowest corresponding rates previously recorded; and at ages above 75 years the excess was more marked. (Tables 13–14.) The average death-rates at all groups of ages in the three years 1896–98, however, compare very favourably with the corresponding

rates in recent previous years; this is shown by the following figures:—

DEATHS TO 1000 LIVING.													
Periods.	Under 5 years of age.	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.	
MALES.	1871-75	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	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	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	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	62.1	4.5	2.5	4.0	5.3	7.2	12.2	19.8	36.3	71.9	149.9	290.6
	1896-98	60.1	3.8	2.2	3.5	5.0	6.5	11.2	18.1	33.7	63.6	138.4	267.7
FEMALES.	1871-75	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	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	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	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	52.0	4.5	2.7	4.0	4.9	6.7	10.3	15.3	29.8	62.8	136.1	263.8
	1896-98	50.6	3.9	2.3	3.4	4.3	5.9	9.3	14.0	27.0	55.0	124.6	247.7

It will be seen by this table that at most of the earlier ages the fall in the death-rate has been practically continuous among both males and females from the first quinquennium to the last, and that the slight rise which temporarily occurred from 1886 to 1895 was limited mainly to the higher ages.

If the mortality in the year 1898 of persons above 85 years of age be disregarded, it appears that among persons at each of the remaining eleven age-groups, the rates in the counties of Stafford, Lancaster, and Northumberland were in excess of the averages for the whole country. In London the rates were in excess at all age-groups except those between 10 and 35 years; in Warwickshire at all groups except those between 5 and 25 years and between 75 and 85 years; in Cheshire at all groups except those between 10 and 25 years; in the West Riding of Yorkshire at all groups except those between 25 and 45 years; and in the North Riding of Yorkshire at all age-groups except those below 10 years and between 55 and 75 years; whilst in Durham the only exception to rates above the average was at the age-group 35-45. In South Wales the rates at all age-groups under 35 years were above, whilst the rates at all age-groups above 35 years were below the respective averages. In most of the home counties, and in the southern parts of the country generally, the rates at all age-groups were, with a few unimportant exceptions, below the averages; in the midland counties there were but few instances of excessive rates at any age. (Table 16.)

Infantile Mortality.—In the year 1898 the proportion of deaths of infants under one year of age to registered births was 160 per 1000,

which is 11 per 1000 higher than the average proportion in the preceding ten years. In registration counties infantile mortality ranged from 99 per 1000 in Wiltshire, in Dorsetshire, and in Westmorland, 101 in Oxfordshire, and 113 in Huntingdonshire and in Shropshire, to 172 per 1000 in the East Riding of Yorkshire, 173 in the West Riding, 177 in Staffordshire, in Warwickshire, and in Northumberland, 181 in Lancashire, and 185 in Durham. (Table 11.)

The mortality of male infants was 175.2, while that of female infants was 145.0 per 1000 births of each sex respectively. In equal numbers born the deaths of males to the deaths of females under one year of age were in the proportion of 121 to 100, which tallies very closely with the proportions in previous years.

Urban and Rural Mortality.—At page cxix. 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 1898, the urban death-rate was equal to 18.3 per 1000, and the rural rate to 16.0 per 1000 of the respective populations. The urban rate was lower than the average of the ten preceding years by 1.0 per 1000, and the rural rate was lower by 0.8 per 1000. In the year 1898, the ratio of urban to rural mortality was as 114 is to 100, which is slightly below the average ratio in the ten years immediately preceding. (Tables 29, 30.)

REGISTERED 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, 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 Reports prior to 1881 have been corrected, and made for the most part comparable with the figures for subsequent years. With regard to the years 1879 and 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 either with an asterisk or with 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 1898 and in 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.	Ill-defined and not specified Causes.
1888	18,111	2,134	25	64	3,167	1,569	9,641	622	880
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
Mean 1888-97	18,411	2,600	20	79	3,174	1,593	9,459	651	835
1898	17,586	2,761	12	92	3,066	1,620	8,652	646	737
Number of Deaths in 1898.	552,141	86,755	403	2,854	96,265	50,814	271,733	20,278	23,039

Zymotic or Specific Febrile Diseases.—The registered deaths in the year 1898 from diseases of the zymotic class numbered 86,755, and were equal to 15.7 per cent. of the mortality from all causes. These deaths corresponded to a rate of 2761 per million of the population, as compared with an average rate of 2600 per million in the ten years immediately preceding. As had been the case in the year immediately preceding, the excess in zymotic mortality during 1898, compared with the average, was mainly due to the increase in the fatality of both influenza and diarrhoea, especially of the latter disease. (Tables 17-22.)

Small-pox.—The deaths returned as due to small-pox in the year 1898 numbered 253, and were equal to a rate of 8 per million of the population. Of the 253 deaths from small-pox, not fewer than 242 occurred in the north of England. Of these deaths 212 were registered in the district of Middlesbrough (165 in the first quarter and 45 in the second quarter of the year). The borough of Middlesbrough itself was credited with 199 deaths from small-pox,

corresponding to a death-rate of 2119 per million. In the county of Durham 15 deaths from small-pox were registered, and in Northumberland 6 deaths; these occurred partly in areas adjacent to Middlesbrough, and partly in a group of districts near the mouth of the Tyne. Of the 253 persons who died of small-pox in the year under notice, 107 were returned as vaccinated, and 59 as not vaccinated; whilst with respect to the remaining 87, no definite statement concerning vaccination appeared in the certificates. In addition to the deaths definitely referred to small-pox, 116 were attributed to chicken-pox, and 26 to effects of vaccination. It thus appears that in the year 1898, the total number of deaths either certainly or possibly caused by variola, and of deaths alleged to have been caused by measures taken for the prevention of that disease, was 395, or 13 per million of the population.

The 26 deaths ascribed 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 children vaccinated cannot yet be given for the year 1898; but it appears from the Twenty-eighth Annual Report of the Local Government Board that the operation of vaccination was performed on 602,922 of the children whose births were registered in the year 1896, which is the latest for which such particulars are as yet accessible. The number of deaths registered in 1896 under the heading "Effects of Vaccination" was 42, or one to every 14,355 vaccinated.

Measles.—In the year 1898 there were 13,220 deaths from measles, which corresponded to a rate of 421 per million living; this is lower by 11 per million than the decennial average rate for 1888-97.

The highest county death-rates from measles in the year under notice were 572 per million in Gloucestershire, 682 in London, 829 in Cumberland, 894 in Staffordshire, and 912 in Leicestershire. The lowest county rates were 37 per million in Dorsetshire, 88 in Oxfordshire, 96 in Cornwall, 126 in Lincolnshire, 137 in Herefordshire, and 150 in Shropshire. The three counties which sustained the heaviest mortality from measles showed also the greatest excess as compared with their average mortality from this disease. In Cumberland the excess was equal to a rate of 360 per million, in Staffordshire of 345 per million, and in Leicestershire of 563 per million, as compared with the several averages.

Scarlet Fever.—The deaths from scarlet fever in the year 1898 were 3548 in number, and corresponded to a rate of 113 per million. This rate is the lowest on record; it is considerably below the rates in the years 1896 and 1897, and is lower by 42 per cent. than the average rate in the ten years 1888-97. The lowest county rates of mortality from this disease were as follows:—Bedfordshire 6 per million, Monmouthshire 10, Oxfordshire 16, Berkshire 18, Devonshire 20, Huntingdonshire 21, Hertfordshire 27, and Westmorland 30. The counties with the highest

rates were Cheshire 150, Lancashire 157, Durham 164, Leicestershire 166, West Riding of Yorkshire 169, Northamptonshire 181, Staffordshire 201, and Derbyshire 216.

During the year under notice 582 deaths of London residents from scarlet fever were registered either in London or in the Metropolitan Asylum Hospitals outside London; and of these, 494, or 85 per cent., occurred in public institutions, as against 69, 68, and 76 per cent. respectively, in the three years immediately preceding.

Enteric (Typhoid) Fever.—Prior to the year 1888 the mortality from enteric fever had only once fallen below 180 per million living. During the ten years 1888-97 the mortality only once exceeded this figure, whilst it was as low as 137 in the year 1892, 159 in 1894, and 156 in 1897, the average for the ten years being 172. In the year 1898, however, there were 5708 deaths from this disease, corresponding to a rate of 182 per million living.

The eight counties which suffered the highest death-rates from enteric fever in 1898 were:—The North Riding of Yorkshire 225 per million, the East Riding 252, the West Riding 253, Lancashire 275, Norfolk 280, Durham 296, Nottinghamshire 305, and Staffordshire 320. All these counties, except the North Riding of Yorkshire and Staffordshire, had appeared in the list of eight counties with highest enteric fever rates in 1897, and all except Norfolk had also appeared in the corresponding list for 1896. The excessive mortality in Norfolk was, as had also been the case in 1897 and in some previous years,* due to local prevalence in the districts of Norwich, Yarmouth, and King's Lynn. In Nottinghamshire, 164 out of 170 deaths from this disease occurred in the contiguous districts of Worksop, Mansfield, Basford, and Nottingham, which form the western portion of the county; these districts had also shown high death-rates from enteric fever in recent previous years. In Staffordshire nearly the whole of the deaths occurred in two groups of districts, namely, Stoke-upon-Trent together with Wolstanton in the north of the county, and Wolverhampton, Walsall, West Bromwich, and Dudley in the south. In the Report for 1897, two separate areas in the West Riding of Yorkshire were named as specially subject to enteric fever mortality; examination of the figures for 1898 shows a considerable increase of fatality in these areas and also in the two districts which form a connecting link between them: it may therefore be said that one continuous area was notably affected in 1898; this area lies in the south-western part of the county and consists mainly of the cities of Sheffield, Leeds, and Bradford, together with the registration districts of Rotherham, Doncaster, Barnsley, Wakefield, Dewsbury, North Bierley, Halifax, Todmorden, and Keighley. Throughout the year under notice the mortality in the East Riding was, as it had also been in 1897 and in earlier years, practically limited to the registration districts of York, Hull, and Sculcoates, the last two of which are nearly co-terminous with the borough of Hull.

The incidence of fatal enteric fever in the group of 19 districts (comprising nearly the whole of Durham and the neighbouring parts of Northumberland and of the North Riding of Yorkshire), to

* Cf. Sixtieth Annual Report, p. xix.

which special attention has been given in several recent Reports, showed considerable changes in 1897. Further changes may be noticed in the figures for 1898. (Table E.) The mortality in 14 of these districts during the year under notice was below the average for the eight preceding years; and in seven districts, namely, Guisborough, Darlington, Stockton, Hartlepool, Chester-le-Street, Gateshead, and Tynemouth, it was below the rate for the whole country. In seven other districts, however, Middlesbrough, Sedgefield, Auckland, Easington, Sunderland, South Shields, and Newcastle-on-Tyne, the mortality during 1898 was very excessive; in most of these districts the death-rate was higher than that of the previous year, and also higher than the average for 1890-97. Of these seven districts, the following five, Auckland, Sedgefield, Easington, Sunderland, and South Shields, form one continuous area, whilst the other two lie respectively a little to the north and a little to the south of this area.

TABLE E.—MORTALITY FROM ENTERIC FEVER.

REGISTRATION DISTRICTS.	DEATH-RATE PER MILLION LIVING.									
	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	8 Years 1890-97.	1898.
ENGLAND AND WALES.	179	168	137	229	159	175	166	156	171	182
19 Districts	395	301	181	480	301	397	247	202	313	285
Guisborough	298	100	126	254	102	207	182	105	172	53
Middlesbrough	1,101	767	185	510	253	374	374	267	479	372
Darlington	426	343	60	401	200	279	178	59	243	177
Stockton	1,006	875	175	423	277	409	162	130	432	127
Sedgefield	259	256	152	550	297	342	381	423	333	417
Hartlepool	370	105	117	214	167	217	140	136	183	131
Auckland	588	326	212	977	430	395	294	292	439	612
Lanchester	309	92	106	388	354	701	201	170	290	196
Durham	130	172	100	311	351	321	166	109	298	204
Easington	309	262	540	1,112	699	440	268	183	477	504
Houghton-le-Spring ..	266	396	339	1,163	640	651	474	321	531	244
Chester-le-Street ..	301	178	117	693	399	281	275	144	299	160
Sunderland	268	290	379	836	619	900	376	249	490	481
South Shields	298	184	193	496	209	268	246	174	259	309
Gateshead	435	229	112	286	187	240	265	186	243	169
Newcastle-on-Tyne*	167	147	79	121	157	227	154	159	151	284
Tynemouth*	236	413	118	336	281	476	159	300	290	181
Castle Ward	545	206	161	357	39	344	295	325	284	212
Morpeth	310	258	347	456	112	266	259	170	272	250

* The Newcastle Hospital for Infectious Diseases is situated in Tynemouth district: for the purposes of this table, deaths from enteric fever of Newcastle residents in this institution have been transferred to Newcastle-on-Tyne district.

Diphtheria.—In the year 1898 the deaths referred to diphtheria (exclusive of "croup" unless stated to be membranous) were 7661 in number, and corresponded to a rate of 244 per million of the population. This is the lowest rate since 1892, but it slightly exceeds the average rate in the ten years 1888–97.

Of the total deaths attributed to this disease in 1898, not fewer than 6995, *i.e.*, more than nine-tenths were those of children under ten years old. Among males at all ages, diphtheria caused a mortality equal to 245 per million living of that sex, and among females a mortality equal to 243 per million.

Compared with the average in extra-metropolitan England,* there were 17 counties which showed excessive diphtheria mortality in the year under notice. Arranged in decreasing order of fatality, the nine counties with highest rates stand as follows:—South Wales, Kent, Rutlandshire, Essex, London, Monmouthshire, Bedfordshire, Middlesex, and Staffordshire.

The abnormally high death-rate from diphtheria in South Wales as a whole was mainly due to excessive fatality in two groups of registration districts which form respectively the eastern and the south-western portion of Glamorganshire. The eastern group consists of the districts of Cardiff, Pontypridd, and Merthyr Tydfil; the south-western group, of the districts of Swansea and Gower. Certain large towns situated in one or other of these areas, *viz.*, Cardiff, Rhondda, Merthyr Tydfil, Aberdare, and Swansea, have already been shown† to have suffered heavily from diphtheria in the year under notice. Taking as an aggregate the five registration districts above named, their diphtheria death-rate may be approximately stated as 900 per million, the remainder of South Wales having experienced a rate which is almost identical with the average in England and Wales, namely 240 per million.

The high average diphtheria rate in Kent was largely due to excessive fatality in the three contiguous registration districts of Dartford, Strood, and Medway, and in the district of Tunbridge. These four districts may be estimated to contain about 30 per cent. of the entire population of the county; their diphtheria mortality amounted however to more than 60 per cent. of the whole, and probably exceeded 900 per million, which is nearly four times the rate prevailing in the remainder of the county. In other parts of Kent, speaking generally, diphtheria was less fatal in the eastern than in the western districts.

Diphtheria and Croup.—Diphtheria, as a distinct affection, had scarcely been recognised in England previous to 1855, in which year this disease was, for the first time, separated from scarlet fever in the national records of causes of death.

In endeavouring to trace the changes in mortality by a given disease through a long series of years some caution is required. It must be remembered that although for many years prior to the passing of the Registration Act of 1874 medical men had voluntarily

* *i.e.*, England and Wales, less the Registration County of London.

† See Annual Summary for 1898, Tables 2 and 6.

attested the causes of a considerable number of the deaths of their patients, nevertheless, it was not till 1874 that the duty of formally certifying the cause of every death was imposed upon practitioners of medicine. There is no doubt that the Act of 1874 has greatly improved the accuracy of the national register, as the official record of causes of death, but, on the other hand, the rates of mortality before and since that year have, by that very means, become less suitable for comparative purposes. Their value, however, even for such purposes, has not been entirely destroyed, although in instituting comparison between rates of mortality for periods before and after the passing of the Act, it is obviously necessary to provide that the above-mentioned considerations shall have due weight.

With regard to the changes that have taken place from time to time in the nomenclature of diphtheria, it is important to bear in mind the following points: (a) the great diphtheria epidemic of 1858–9 was *preceded* by a marked increase in the mortality from croup and quinsy, by a still greater increase in the mortality from cynanche maligna, and also by some increase in that from laryngitis. (b) The diphtheria epidemic of 1863 was *accompanied* by parallel movements in the mortality ascribed to croup, and also in that ascribed to cynanche maligna. (c) The incidence of croup in regard both to season, and to the ages at death of those attacked, is found to have been similar to that of diphtheria. (d) Whereas the deaths attributed to croup in 1861–70 were more numerous by one-third part than those attributed to diphtheria, the deaths attributed to croup in 1896–98 were less than one-sixth part as many as the deaths attributed to diphtheria. These facts taken in conjunction, whilst they afford statistical support to the current medical opinion as to the identity of the two diseases, certainly warrant the assumption that by far the greater number of the deaths hitherto attributed to croup have really been caused by diphtheria. In addition to the 7661 deaths definitely ascribed to diphtheria in the year 1898, 863 deaths were ascribed to "croup," whilst 1189 were ascribed to laryngitis and 545 to sore throat, quinsy, &c. It is safe to assume that the greater part of the deaths referred in the certificates to croup,* as well as some of those referred to laryngitis and to ill-defined sore throat, were really due to diphtheria; and with regard to laryngitis, it may be stated that of the total deaths originally referred by medical certificate to that disease in the year 1898, at least $2\frac{1}{2}$ per cent. were proved on enquiry to have been diphtheritic in their nature.

At the present day the order of distribution of fatal diphtheria in various localities is nearly the same whether diphtheria alone or that disease and croup together be taken as the criterion, the proportion of deaths from croup being relatively so small as scarcely to affect the rate. This is especially the case in London where the mortality from "croup" barely exceeds 3 per cent. of that from diphtheria; but when it is required to compare the

* The Royal College of Physicians, in its "Nomenclature of Diseases" has never authorized the use of the term "Croup" as a synonym for laryngeal diphtheria.

present fatality of diphtheria with its fatality in earlier years, some correction is at once seen to be indispensable.

The following table gives, for each of several consecutive groups of years, and also for 1898, the average rates of mortality in England and Wales per million of the population from diphtheria and croup, separately as well as collectively, and likewise from laryngitis and from sore throat and quinsy :—

Periods.	Diphtheria.	Croup.	Diphtheria and Croup.	Laryngitis.	Sore Throat and Quinsy.
1861-70 ...	185	246	431	51	14
1871-80 ...	121	168	280	48	10
1881-90 ...	163	144	307	54	24
1891-95 ...	254	70	324	48	21
1896-97 ...	269	43	312	44	19
1898 ...	244	27	271	38	17

By this table it will be seen that in the twenty years 1861-80 the deaths ascribed in the registers to croup were more numerous by one-third part than those ascribed to diphtheria; but that from 1881 onwards the proportion has grown less and less, until in 1898 the deaths referred to croup did not exceed one-ninth part of the number referred to diphtheria. In Table F (pp. xxvi-xxvii) the death-rates from diphtheria and croup, both separately and collectively, are given for the several counties of England and Wales.

Careful examination of the last section of Table F reveals the following facts :—

(1.) As compared with England and Wales generally, the following counties had a mortality from diphtheria and croup together which was below the average in each of the five periods* dealt with in the table :—Berkshire, Buckinghamshire, Oxfordshire, Northamptonshire, Wiltshire, Dorsetshire, Devonshire, Cornwall, Somersetshire, Gloucestershire, Herefordshire, Rutlandshire, Nottinghamshire, Derbyshire, the East and North Ridings of Yorkshire, Durham, and Westmorland.

(2.) In the following counties the mortality exceeded the average in one only out of the five periods, and even in that period, by not more than 25 per cent. :—Hampshire, Hertfordshire, Suffolk,

* It must not be inferred from this that none of the counties included under (1) experienced excessive diphtheria mortality in any single year. As the periods dealt with in the table consist of several years apiece, excessive mortality in any one year may have been obscured by low mortality in other years of a period.

Shropshire, Worcestershire, Leicestershire, Lincolnshire, and the West Riding of Yorkshire.

(3.) Though somewhat more variable in their experience, none of the following counties suffered very heavily in any of the periods, *i.e.*, they did not exceed the average by so much as 25 per cent. :—Surrey, Sussex, Bedfordshire, Cambridgeshire, Staffordshire, Cheshire, Northumberland, Cumberland, and Monmouthshire.

(4.) In the first period Huntingdonshire, Norfolk, and Warwickshire suffered severely, but none of these counties have suffered excessively since then.

(5.) Lancashire was among the worst counties in each of the first three periods : it now ranks among the best.

(6.) Kent, Essex, and Middlesex have suffered more severely than the average; in the later periods, the two counties first mentioned have suffered much more severely.

(7.) Wales has been very irregularly affected. Both North and South Wales experienced a mortality above the average in the first two periods, and recently, namely in 1896-98, they have again been among the counties with the highest death-rates.

(8.) London alone amongst the counties has suffered above the average mortality from diphtheria and croup in every one of the five periods; the excess has been greatest since the year 1891.

(9.) Throughout the last four periods the mortality from diphtheria and croup in extra-metropolitan England, as a whole, has been remarkably uniform, varying in the several groups of years between 261 and 288 only per million of the population.

The following table is interesting as showing the changes of fashion, with respect to the medical certification of diphtheria, which have taken place within the last 38 years in certain counties of England and Wales. The figures in each case represent the ratio of deaths certified as from croup to the deaths certified as from diphtheria, the latter taken as 100 :—

	1861-70.	1896-98.
ENGLAND AND WALES, <i>less</i> LONDON ...	131	19
Buckinghamshire	253	17
Staffordshire	187	20
Lancashire	264	36
Monmouthshire	194	26
Huntingdonshire	45	11
Cambridgeshire	44	11
Norfolk	37	8
Lincolnshire... ..	47	17

TABLE F.—DEATH-RATES per MILLION from DIPHTHERIA and CROUP in ENGLAND and WALES.

COUNTIES.	DIPHTHERIA.					CROUP.					DIPHTHERIA AND CROUP.				
	1861-70.	1871-80.	1881-90.	1891-95.	1896-98.	1861-70.	1871-80.	1881-90.	1891-95.	1896-98.	1861-70.	1871-80.	1881-90.	1891-95.	1896-98.
ENGLAND AND WALES ..	185	121	163	254	261	246	168	144	70	38	431	289	307	324	299
England and Wales, less London	186	121	146	205	220	244	167	141	73	41	430	288	287	278	261
London	176	122	260	544	502	255	177	159	49	20	431	299	419	593	522
Surrey	193	158	229	315	227	176	124	101	53	18	369	282	330	368	245
Kent	210	148	232	301	471	205	137	127	48	31	415	285	359	349	502
Sussex	279	170	226	318	236	155	110	102	62	15	434	280	328	380	251
Hampshire	154	112	237	190	179	168	120	99	50	30	322	232	336	240	209
Berkshire	146	115	191	201	148	169	107	102	34	15	315	222	293	235	163
Middlesex	131	150	284	312	341	190	145	125	51	27	321	295	409	363	368
Hertfordshire	116	97	226	205	165	175	105	126	44	18	291	202	352	249	183
Buckinghamshire	95	59	160	230	222	240	152	133	77	37	335	211	293	307	259
Oxfordshire	139	129	85	263	167	174	127	90	53	28	313	256	175	316	195
Northamptonshire	180	68	122	136	105	203	136	114	53	36	383	204	236	189	141
Huntingdonshire	391	92	182	161	131	176	115	118	32	14	567	207	300	193	145
Bedfordshire	149	160	212	192	258	157	192	140	77	48	306	352	352	209	306
Cambridgeshire	302	91	245	209	194	134	68	107	33	22	436	159	352	242	216
Essex	219	135	273	506	402	210	148	166	79	30	429	283	439	585	432
Suffolk	254	101	144	323	208	131	78	99	50	24	385	179	243	373	232
Norfolk	403	97	178	247	193	149	70	99	34	15	552	167	277	281	208
Wiltshire	124	83	129	225	113	155	155	99	54	34	279	238	228	279	147
Dorsetshire	155	102	157	147	192	180	144	80	45	31	335	246	237	192	223
Devonshire	128	104	123	174	134	171	125	107	59	32	299	229	230	233	166
Cornwall	115	135	158	184	137	176	115	109	42	25	291	250	267	226	162
Somersetshire	93	90	148	139	133	164	112	90	40	24	257	202	238	179	157

XXVI

Deaths.

TABLE F.—continued.—DEATH-RATES per MILLION from DIPHTHERIA and CROUP in ENGLAND and WALES.

COUNTIES.	DIPHTHERIA.					CROUP.					DIPHTHERIA AND CROUP.				
	1861-70.	1871-80.	1881-90.	1891-95.	1896-98.	1861-70.	1871-80.	1881-90.	1891-95.	1896-98.	1861-70.	1871-80.	1881-90.	1891-95.	1896-98.
Gloucestershire	141	88	89	172	225	156	93	106	54	22	297	181	195	226	247
Herefordshire	147	147	121	182	209	112	87	75	61	57	259	234	196	243	266
Shropshire	232	190	168	212	262	145	128	91	46	36	377	318	259	258	298
Staffordshire	175	114	79	146	311	328	219	161	96	61	503	333	240	242	372
Worcestershire	157	150	102	152	284	222	139	135	48	28	379	289	237	200	312
Warwickshire	278	194	125	188	293	316	164	138	55	31	594	358	263	243	324
Leicestershire	124	95	101	246	269	177	133	90	71	62	301	228	191	317	331
Rutlandshire	175	155	71	155	170	98	73	58	46	15	273	228	129	201	185
Lincolnshire	318	133	164	170	170	149	88	75	38	29	467	221	239	208	199
Nottinghamshire	164	74	164	104	107	169	112	103	65	34	333	186	267	169	141
Derbyshire	155	81	95	156	115	229	157	125	73	39	384	238	220	229	154
Cheshire	236	169	117	219	255	258	166	110	70	42	494	335	227	289	297
Lancashire	160	117	153	190	160	423	287	231	111	57	583	404	384	301	217
West Riding	164	88	105	152	178	283	169	144	77	39	447	257	249	229	217
East Riding	227	111	88	120	152	139	96	83	65	44	366	206	171	185	196
North Riding	243	120	97	142	166	162	158	122	67	50	405	278	219	209	216
Durham	133	91	82	180	93	248	172	144	85	44	381	263	226	265	137
Northumberland	208	130	114	170	136	255	165	127	74	56	463	295	241	244	192
Cumberland	185	103	85	119	111	306	219	208	87	60	491	322	293	206	171
Westmorland	159	114	93	153	139	205	125	104	93	20	364	239	197	246	159
Monmouthshire	110	148	183	231	245	231	181	142	81	64	350	329	325	312	309
South Wales	181	145	103	207	447	269	200	160	114	81	450	345	263	321	528
North Wales	285	203	166	192	351	226	169	125	66	44	511	372	291	258	395

Deaths.

XXVII

Whooping-cough.—The deaths from whooping-cough in the year 1898 numbered 10,175, and were in the proportion of 324 per million of the population at all ages. This rate (with the exception of that for the year 1895) is the lowest on record, and is below the average in the preceding ten years by 89 per million. The highest county rates from whooping-cough in the year under notice were 407 per million in Cambridgeshire, 459 in Northumberland, 479 in London, 512 in Suffolk, and 558 in Cornwall. In Cumberland the rate did not exceed 47 per million, and in the adjoining county of Westmorland it was only 89. It was also very low in Berkshire, Oxfordshire, and Wiltshire.

Influenza.—10,405 deaths were referred to influenza in the year under notice. These deaths were equal to a rate of 331 per million of the population, as compared with an average rate of 256 per million in the ten years immediately preceding. Among registration divisions, influenza mortality appears to have been highest in the south-western registration division and lowest in the north-western. In London the rate was equal to 278 per million. The counties with the lowest recorded rates were Leicestershire 192, Lancashire 205, and Durham 214. The highest rates were recorded in Cornwall 744, Dorsetshire 779, Rutlandshire 794, and Herefordshire 1167 per million of the several populations.

Diarrhœa.—The deaths specifically referred to diarrhœal diseases (*i.e.*, to diarrhœa, dysentery, and English cholera) numbered 30,096 in the year under notice, and were in the proportion of 958 per million, a rate which has only once been equalled in any year of the last fourteen.

In addition to the 30,096 deaths definitely referred to diarrhœa, dysentery, and cholera, not fewer than 16,214 were referred to enteritis. These latter deaths are equal to a rate of 516 per million living, which is the highest rate on record, and is more than double the average rate from this cause in the ten years ending with 1897. There are good grounds for the opinion that a large proportion* of the deaths returned as from enteritis would have been more correctly returned as from "epidemic diarrhœa," and the fact that the age distribution of the former disease closely corresponds to that of diarrhœa strongly supports this view.

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 so 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

* Of 2289 deaths in London classed to enteritis during the third quarter of 1899 not fewer than 1880 were certified as from gastro-enteritis, and of the latter 1750 occurred among children under 5 years old.

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 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.

The county rates of mortality from diarrhœa, dysentery, and cholera were below 400 per million in the mainly rural areas of Westmorland, Rutlandshire, Herefordshire, Oxfordshire, and Wiltshire. In the year under notice these diseases showed, as usual,

* 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.

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

the greatest fatality in those counties which contain high proportions of urban population. Thus the rate amounted to 1269 per million in Staffordshire, 1275 in Durham, 1332 in Warwickshire, 1351 in Lancashire, and 1373 in the East Riding of Yorkshire.

Hydrophobia was the certified cause of two deaths in the year 1898, one having occurred in Kent, the other in Durham. The numbers of deaths from this disease in the five years immediately preceding had been 4, 13, 20, 8, and 6.

Puerperal fever was returned as the cause of death in 1707 instances, and other accidents of childbirth in 2367. Taken together these deaths were in the proportion of 4.41 per 1000 births. In the five years immediately preceding, the proportions per 1000 had been 6.51, 5.36, 4.57, 4.98, and 4.61.

Parasitic Diseases.—To this class of diseases 403 deaths were referred in the year under notice, being equal to a rate of 12 per million of the population, and to 0.07 per cent. of the deaths from all causes. Of the total deaths from parasitic diseases, 291 were ascribed to thrush, and the remainder to worms, hydatids, &c. (Tables 17-22.)

Dietetic Diseases.—The deaths referred to this class of diseases in the year 1898 numbered 2,854, or 0.5 per cent. of the deaths from all causes. The mortality from dietetic diseases was in the proportion of 92 per million persons living; the rate was higher than in any other year of the previous decennium, during which it averaged 79 per million. Of the total deaths in the present class, 2,464, or more than six-sevenths were directly attributed to intemperance, * *i.e.*, to "alcoholism" or to "delirium tremens." The mortality from these causes combined was equal to a rate of 99 among males, and to a rate of 59 among females, per million living of the respective sexes; both rates being the highest on record. (Tables 17-22.)

Constitutional Diseases.—The deaths ascribed to constitutional diseases in the aggregate, amounted during the year under notice to 96,265, or 17.4 per cent. of the deaths from all causes. The mortality from diseases of this class was in the proportion of 3,066 per million persons living, a rate which is slightly below the average for the preceding decennium, *viz.*, 3,174 per million. (Tables 17-22.)

Cancer.—To cancer, or malignant disease, there were referred 25,196† deaths, corresponding to a rate of 802 per million persons living of both sexes and at all ages. Among males the cancer death-rate was 653 per million of that sex, and among females it

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

† Of these deaths 685 were added to the total as a result of medical enquiry from this office with regard to deaths from tumour or other imperfectly specified conditions.

TABLE G.—DEATHS FROM CANCER in 1898, CLASSIFIED according to DESCRIPTION of DISEASE and PART of the BODY AFFECTED.

	MALES.				FEMALES.					
	Cancer, Carcinoma, Malignant Disease.	Scirrhous.	Epithelioma.	Sarcoma.	TOTAL.	Cancer, Carcinoma, Malignant Disease.	Scirrhous.	Epithelioma.	Sarcoma.	TOTAL.
Nervous System :										
Brain	57	—	—	88	145	58	1	—	59	118
Spinal Cord .. .	3	—	—	3	6	4	—	—	—	4
Organs of Special Sense :										
Eye	14	—	1	22	37	13	—	—	16	29
Ear	14	—	7	—	21	—	—	1	2	3
Circulatory and Respiratory Systems :										
Larynx, Trachea ..	141	1	34	3	179	59	—	11	2	72
Lungs	81	1	1	30	113	69	1	—	17	87
Pleura	7	—	—	4	11	2	—	—	1	3
Heart	—	—	—	—	—	17	1	—	3	21
Digestive System :										
Parotid	16	1	1	6	24	9	1	—	4	14
Mouth	65	—	62	3	130	14	—	7	1	22
Tongue	289	—	215	—	504	47	1	24	1	73
Pharynx, Throat ..	157	—	32	10	199	70	1	5	6	82
Esophagus	567	4	28	—	599	210	—	14	1	225
Stomach	2,074	38	3	6	2,121	1,949	60	1	—	2,010
Intestine	581	1	8	15	705	780	7	8	5	800
Rectum	889	13	48	3	953	753	17	34	4	808
Liver, Gall Bladder ..	1,298	12	3	20	1,333	2,025	23	1	17	2,066
Pancreas	113	2	—	—	115	116	5	—	1	122
Peritoneum	81	—	—	13	94	259	6	—	10	275
Lymphatic and other Glands :										
Neck	171	4	25	87	287	62	2	2	31	97
Axilla	8	—	—	2	11	12	1	1	2	16
Groin	24	—	1	7	32	18	1	2	—	21
Lymphatic Glands ..	23	—	1	21	45	6	1	2	10	19
Mediastinum	41	—	—	29	70	34	—	—	18	52
Mesentery	21	—	—	4	25	47	2	—	3	52
Spleen	19	1	—	6	26	23	—	—	4	27
Thyroid	11	1	—	2	14	28	—	—	9	37
Urinary System :										
Kidney	65	—	—	36	101	68	—	—	39	107
Bladder, Urethra ..	242	1	24	9	276	112	2	11	6	131
Prostate	98	1	—	5	104	—	—	—	—	—
Generative and Mammary Organs :										
Penis, Testis	89	—	46	23	158	—	—	—	—	—
Ovary	—	—	—	—	—	194	2	—	46	242
Uterus	—	—	—	—	—	3,333	37	154	65	3,589
Breast	15	3	2	4	24	1,834	502	14	62	2,412
Locomotive System (Bones, Joints, Muscles, &c.) :										
Shoulder	6	—	1	10	17	6	—	—	9	15
Arm, Leg	30	1	23	68	122	54	—	22	71	147
Hip	3	—	—	16	19	9	—	—	8	17
Skull	6	—	1	10	17	6	—	1	15	22
Rib, Sternum	3	—	1	13	17	11	—	—	2	3
Spine	11	—	—	12	23	1	—	—	13	24
Jaw	154	2	42	67	265	58	—	16	47	121
Integumentary System :										
Scalp	2	—	2	4	8	3	—	5	2	10
Face	118	—	73	11	202	69	—	24	4	97
Nose	15	—	4	6	25	11	—	5	—	16
Lip	51	—	108	2	161	7	1	13	2	23
Skin	3	1	3	4	11	7	1	2	1	11
Not classified :										
Buttock	—	—	—	2	2	—	—	—	—	—
Abdomen	145	2	3	19	169	289	3	—	24	316
Thorax	15	1	—	7	23	14	—	—	5	19
Pelvis	16	—	—	17	33	42	—	2	26	70
Part not stated .. .	332	4	47	73	456	593	22	27	75	717
TOTAL	8,184	96	850	802	9,932	13,405	701	409	749	15,264

was 943 per million. Cancer appears to have been more fatal both among men and among women in 1898 than in any other year on record; the male rate was higher by 19.6 per cent., and the female rate higher by 10.0 per cent. than the corresponding mean rates in the preceding decennium.

Out of a total of 25,196 deaths from malignant disease, 797 were referred to scirrhus, 1,259 to epithelioma, and 1,551 to sarcoma; the remainder, amounting to 85.7 per cent. of the whole, being referred to cancer or malignant disease, without further discrimination.

Table G, from which the above details are taken, gives also the means of determining the relative frequency with which malignant disease attacks various parts or organs of the body, among males and females respectively. The part of the body affected by cancer was not stated as regards 4.6 per cent. of the male deaths, nor as regards 4.7 per cent. of the female deaths from that disease. It is well known, and is shown by the tables, that cancer is much more prevalent among women than among men, but the excess is largely due to the fact that the female generative and mammary organs are exceptionally liable to attack. As is known to have been the

TABLE H.—MEAN ANNUAL MORTALITY FROM CANCER, per MILLION LIVING of each SEX, at successive GROUPS of AGES, in 1891-97, and in 1898.

AGE GROUPS.	Males.		Females.		Ratio.*	
	1891-97.	1898.	1891-97.	1898.	Males.	Females.
ALL AGES	571	653	882	943	114	107
0—	32	33	26	31	103	119
5—	18	22	12	11	122	92
10—	18	18	12	15	100	125
15—	32	32	25	32	100	128
20—	49	59	39	32	120	82
25—	98	119	180	181	121	101
35—	386	403	918	920	104	100
45—	1,283	1,392	2,328	2,397	108	103
55—	3,950	3,525	4,045	4,419	116	109
65—	4,977	5,714	5,555	6,097	115	110
75 and upwards.	5,432	6,913	6,135	6,979	127	114

* i.e. the ratio of mortality in 1898 to that in 1891-97, the latter taken as 100.

case in 1897, so was it in the following year also—when the deaths from malignant affections of the ovaries, uterus, and breast were subtracted from the total deaths of females from malignant disease, the remaining deaths gave a mortality for females considerably lower than the male rate. Thus, in the year 1898, the male deaths from malignant disease, less the deaths from cancerous affections of the generative and mammary organs, were equal to a rate of 641 per million males living, whilst the female rate, with the same limitations, did not exceed 557 per million. In the previous year the corresponding figures had been 625 and 551 per million. With reference to cancerous affections of parts other than those above mentioned, it will suffice to say that the remarks appended to Table J in the report for 1897 are equally applicable to the corresponding facts in Table G of the present report. Table H shows the mortality from cancer at various ages.

Tubercular Diseases.—The deaths in the year 1898 from maladies of the tubercular class were 60,139 in number; they accounted for 10.9 per cent. of the deaths from all causes, and were equal to a rate of 1,916 per million of the population.

The deaths from *Pulmonary Phthisis* numbered 41,335, and corresponded to a rate of 1,317 per million persons living at all ages. This is the lowest rate on record, with the exception of that for the year 1896, which did not exceed 1,307 per million. In Table J (on the following page) are shown the rates of male and female mortality from phthisis at several age-groups in the year 1898, and also the average rates in the seven years immediately preceding. From this table we find that the fall in phthisis mortality, which is shown in the Report for 1897 to have progressed almost continuously during the 37 years then ended, has been maintained in the year under present notice. Phthisis was fatal to 1,514 in each million of the male, and to 1,131 in each million of the female population. Compared with the average rates in the seven years 1891-97, the mortality at all ages has been lower by 5 per cent. among males, and lower by 10 per cent. among females. The reduction of mortality has been greatest in both sexes at ages between the fifth year and the twentieth. There has been practically no reduction after the 45th year among males, but among females some irregular reduction has taken place up to the 75th year of life.

At page xxxiii. of the Sixtieth Annual Report there appeared a table giving the average rates of phthisis mortality among both sexes during 1891-97 in England and Wales and in the several counties. In the year 1898, the rates both among males and among females were considerably below the average for the previous seven years in extra-metropolitan England, whilst in London the male rate was slightly below, and the female rate decidedly below, the average. In 27 of the remaining English counties the male rates, and in all but two counties the female rates also, were below the several averages. In the three Welsh counties the male and female rates were likewise below the averages.

TABLE J.—PHTHISIS.
MORTALITY per MILLION LIVING.

AGE GROUPS.	Males.		Females.		Ratio.*	
	1891-97.	1898.	1891-97.	1898.	Males.	Females.
ALL AGES	1,598	1,514	1,259	1,131	95	90
Under 5 Years.	450	419	397	356	93	90
5—	182	144	244	201	79	82
10—	242	184	523	389	76	74
15—	1,033	910	1,361	1,161	88	85
20—	1,977	1,789	1,606	1,558	90	92
25—	2,487	2,318	2,077	1,838	93	88
35—	3,209	3,050	2,248	2,058	95	92
45—	3,172	3,189	1,693	1,585	101	94
55—	2,678	2,675	1,270	1,259	100	99
65—	1,529	1,632	790	697	107	88
75 and upwards.	557	566	352	384	102	109

* *i.e.*, the ratio of mortality in 1898 to that in 1891-97, the latter taken as 100.

The deaths referred to *Tabes Mesenterica* in the year under notice numbered 6,357, and were equal to a rate of 202 per million living at all ages. *Tabes mesenterica* is essentially a disease of childhood, the mortality in adult life being so small as to be quite unimportant. At the earlier ages this disease is much more fatal to boys than to girls. Among male children under five years the mortality was equal to 1,446 per million living, whilst among female children of the same age it was equal to 1,181 per million. These figures show in both sexes some decrease as compared with recent previous years.

The deaths referred to *Tubercular Meningitis* in the year under notice numbered 6,681, and corresponded to a rate of 213 per million at all ages, being lower than the mean rate in the preceding ten years by 6.1 per cent. Like the disease last mentioned, tubercular meningitis is mainly fatal to the young, and, in common with that disease, it is more fatal to males than to females. Among male children under five years the mortality from tubercular meningitis was equal to 1,426 per million living at that age, whilst among female children the rate was only 1,125 per million. Both these rates are below the average.

In the year under notice, *Diabetes* was the certified cause of 2,585 deaths, giving a rate of 82 per million persons living, which is the highest on record. The mortality from diabetes among males was equal to a rate of 94 per million, and among females to a rate of 71 per million, these rates being respectively 17.5 per cent. and 21.6 per cent. in excess of the average rates in the preceding ten years. (Tables 17-22.) In view of a steady and serious increase in the fatality of this disease during recent years, a table has been prepared for the present report showing the incidence of fatal diabetes at the several ages, both among males and among females.

TABLE K.—DIABETES MELLITUS.
MORTALITY per MILLION LIVING.

Age Groups.	Males.		Females.		Ratio.*		Mortality in 1898.	
	1861-70.	1891-97.	1861-70.	1891-97.	Males.	Females.	Males.	Females.
ALL AGES	41	82	20	61	200	305	94	71
Under 5 years.	3	5	2	3	167	150	7	5
5—	5	6	4	8	120	200	5	5
10—	10	15	8	16	150	200	16	17
15—	22	31	13	24	141	185	33	27
20—	24	40	14	30	167	214	53	34
25—	44	57	22	43	130	195	73	42
35—	55	89	30	55	162	183	96	72
45—	83	162	37	106	195	286	165	115
55—	136	340	58	247	250	426	378	269
65—	180	514	62	338	286	545	617	439
75 and upwards.	120	436	38	286	363	753	594	355

* *i.e.*, the ratio of mortality in 1891-97 to that in 1861-70, the latter taken as 100.

If the seven-year period 1891-97 be compared with the decennium ending with 1870, the fatality of diabetes at all ages will be found to have exactly doubled among males, and to have fully trebled among females. The last two columns of the table further show that the fatality is still increasing. Except at the earlier ages, for which the figures are too small to give reliable rates, both sexes have experienced increased mortality from diabetes at every stage of life, the increase being progressively greater up to the 75th year. At ages above 75 diabetes now claims about as many victims as does pulmonary consumption.

Developmental Diseases.—In the course of the year 1898 there were referred to developmental diseases 50,814 deaths, which were equal to 9.2 per cent. of the deaths from all causes, and to a rate of 1,620 per million persons living. The deaths referred to old age simply were 28,698 in number, of which 12,148 were

males and 16,550 females. The mortality ascribed to old age was therefore equal among men to 799 per million living and among women to 1,023 per million. (Tables 17-22.) To premature birth 18,352 deaths were referred, a number equal to 19·88 per thousand children born, which is the highest proportion on record. The mortality ascribed to congenital defects was equal to 4·08 per thousand births, as compared with an average of 3·78 per thousand in the preceding ten years.*

Local Diseases.—The deaths in the year 1898 from diseases of the local class numbered 271,733, or 49·2 per cent. of the deaths from all causes; they were equal to a rate of 8,652 per million of the population, as compared with 9,459, the average rate in the ten years immediately preceding. Diseases of the nervous system (exclusive of convulsions) caused 46,481 deaths, corresponding to a rate of 1,481 per million persons living; the male rate was 1,524 per million or 9·0 per cent. below, and the female rate was 1,440 per million or 8·1 per cent. below, the decennial average. Diseases of the circulatory system accounted for 50,492 deaths, which were equal to a rate of 1,607 per million persons living; the mortality among males was 1,583 per million, or 3·8 per cent. below the average, and among females it was 1,631 per million or 3·7 per cent. below the average. The deaths referred to diseases of the respiratory system (exclusive of croup) numbered 90,803, and corresponded to a rate of 2,892 per million persons living; among males the rate was equal to 3,159, and among females to 2,640 per million, the rates being, with one exception, lower than the corresponding rates in any previous year in the tables. Diseases of the urinary system accounted for 14,598 deaths, and for a rate of 465 per million of the population; among males the rate was 578 per million and among females 357 per million, both these rates being somewhat higher than the respective averages.

Violence.—17,084 persons met their death by *accident* or *negligence* during the year under notice, the rate of mortality from this cause being 544 per million, which is slightly below the average. Among males the rate was 778 per million or 3·5 per cent. below the average, and among females it was 325 per million which corresponded closely with the average. The deaths of 2,166 males and 711 females were attributed to *suicide*, these figures being in both cases somewhat in excess of the annual average, corrected for increase of population. 162 males and 145 females fell victims to *homicide*, these numbers corresponding with the annual average, corrected as before stated. In 178 of the cases of homicide the verdict of the coroner's jury was *murder*; in the remaining 129 cases, *manslaughter*. There were 10 *executions* in the year under notice, the numbers in the three preceding years having been 10, 20, and 7.

Ill-defined and Not Specified Causes.—The causes of 23,039, or 4·2 per cent. of the total deaths, were so unsatisfactorily stated in the registers as to be useless for purposes of classification. Among males the proportion of such cases was as high as 4·5 per cent., whilst among females it was 3·9 per cent. The disproportion

* Cf. Table M, page xxvii of 59th Annual Report.

presented by the figures for the two sexes may easily be shown to be only apparent. The percentage of ill-defined and undefined causes of death among infants under one year of age was 13·6 for males and 13·5 for females; among children between one and five years of age it was 1·8 for males and 1·9 for females; whilst among persons above the age of five years it was 0·6 for males and 0·5 for females. The disproportion between the sexes with respect to their mortality at all ages from non-specified causes therefore depends on the fact that in the first year of life, the period when the percentage of ill-defined causes is at its highest, male infants die more rapidly than female. In the year 1881, when the present system of classification was instituted, the proportions of ill-defined and not specified causes for both sexes taken together were:—At ages under one year, 17·9 per cent.; between one year and five years, 3·8 per cent.; and at ages above five years, 2·3 per cent. Comparing these figures with those already given for 1898, it appears that the proportion has decreased during the interval by about one-fourth among infants under one year, by one-half among children from one year to five years, and by rather more than three-fourths among persons above five years of age. This reduction is in great part due to the system of medical enquiry respecting deaths attributed to dropsy, mortification, tumour, hæmorrhage, and other ill-defined conditions. In many instances our enquiries have given medical practitioners an opportunity of furnishing information which had inadvertently been omitted in the original certificates, or which had been more recently acquired by *post-mortem* examination.

The following figures indicate approximately the results achieved by the system of medical enquiries, concerning the ill-defined group of causes of death, since the year 1881:—

CAUSE OF DEATH.	PER CENT. OF TOTAL DEATHS.		
	In 1881.	In 1898.	
		As originally Returned.	As Corrected after Enquiry.
Dropsy	·383	·070	·034
Debility, Atrophy, Inanition	4·614	3·694	3·687
Mortification	·115	·026	·006
Tumour	·072	·046	·015
Abscess	·129	·067	·067
Hæmorrhage	·032	·028	·020
Sudden (cause unascertained).	·075	·036	·036
Other Ill-defined and not specified causes.	·724	·315	·308

The high proportion contributed to the ill-defined group of causes, by the deaths which for want of a better name have to be classed to "Atrophy or debility," will surprise no one who is familiar with the conditions of medical practice among the poor. Deaths entered in the Register as due to atrophy or debility are classed accordingly, without further enquiry, except in the case of persons neither very old nor very young at the time of death. Certificates thus worded, in the case of infants are accepted without question as being the only information which, under the circumstances, is likely to be obtained; whilst in the case of aged persons the term atrophy is regarded as a synonym for senile decay. It is therefore not surprising that the deaths thus designated are disappearing from the ill-defined class much more slowly than the deaths under any other heading in the list. In the course of the last 17 years the reduction in mortality from atrophy and debility has not exceeded one-fifth part. The heading "Abscess" has never been made the subject of enquiry by this office; the satisfactory reduction therefore in the deaths thus returned must be attributed to increased care in filling up the certificates. The expression "Sudden death" (without statement of cause) does not occur in medical certificates; and as uncertified sudden deaths are reported to coroners, the reduction of more than half under this heading must be set down to the credit of coroners' juries. The great majority of deaths which appear under the headings "Hæmorrhage" and "Other ill-defined and not specified causes" consist either of inquest cases, or of uncertified deaths concerning which coroners have refused to hold inquests.

The total number of answers received from medical practitioners for the purposes of the present Report was 4,104, and of these scarcely more than 700 related to such ill-defined causes as dropsy, mortification, &c. Nearly 3,400 other answers related to certificates in which some definite information as to cause of death had been given, although there was reason to doubt whether the primary cause had been specified with sufficient clearness.

It may be useful to enumerate a few of the difficulties met with in classifying deaths which have been certified by medical practitioners. For instance, when either pyæmia or septicæmia, either peritonitis or metritis, appears as the cause of death of a woman of childbearing age, it is important to ascertain whether or not the fatal issue had been associated with parturition. When a death is stated to have been due to tumour or new growth in the brain, liver, uterus, or other organ, the classification of the death depends on the nature of the tumour. The expression "spinal disease" may refer in one case to an affection of the vertebral column, in another to an affection of the spinal marrow. Again, the term laryngitis may indicate either a diphtheritic or a non-diphtheritic malady; and "typhoid pneumonia" (a term which has now become almost obsolete) in some cases is found to mean enteric fever accompanied by pneumonia, and in other cases simply asthenic pneumonia. In cases like the above it is our practice to communicate with the certifying practitioner requesting further

information, and this, in nearly all cases, is courteously and promptly rendered.

Of the 4,104 answers received during the year under notice, 2,938, or nearly 72 per cent., contained information which has been utilised to amend the classification of death causes.

The following is a summary of the results of enquiries, under a few of the principal headings:—

Subject of Enquiry.	No. of Answers Received.	Amended Classification as result of Enquiry.
"Tumour" of specified organ (nature of tumour not stated).	958	{ 412 to Cancer. 68 " Syphilis. 74 " Tuberculosis. 16 " Other definite causes.
"Tumour," organ not specified.	194	{ 109 to Cancer. 25 " Ovarian Disease. 14 " Disease of Uterus. 26 " Other definite causes.
Pyæmia, Septicæmia.	291	{ 30 to Puerperal Fever. 8 " Venereal Disease. 8 " Tuberculosis. 23 " Diseases of Integumentary System. 16 " Diseases of Locomotor System. 61 " Results of Injury. 55 " Other definite causes.
Peritonitis, Pelvic Cellulitis, Metritis.	454	{ 101 to Puerperal Fever. 18 " Tubercular Peritonitis. 8 " Venereal Disease. 92 " More Definite Diseases of Digestive System. 36 " More Definite Diseases of Generative System. 32 " Other definite causes.
Syncope	392	{ 193 to More Definite Diseases of Circulatory System. 37 " Alcoholism. 21 " Diseases of Nervous System. 20 " Diseases of Respiratory System. 74 " Other definite causes.

The total additions to certain of the principal headings in the tables were as follows:—To cancer 685 deaths, to puerperal fever 131, to syphilis 91, to alcoholism 84. In 112 instances the condition stated in the certificate was found to have been primarily due to accident, whilst in 164 other instances in which such indefinite terms as "fracture," "injury," &c., had been used in the certificate, the deaths were ultimately classed according to the nature of the injury.

CERTIFICATION OF CAUSE OF DEATH.

Of the 552,141 deaths recorded in England and Wales during the year under notice, the causes of 507,541, or 91·92 per cent., were certified by registered medical practitioners; inquests were held respecting 34,159, or 6·19 per cent.; whilst the remaining 10,441, or 1·89 per cent., were altogether uncertified.

In making this statement it is important to allow for the fact that irrespective of the 507,541 persons certified to have died under medical care, there died an unknown but perhaps relatively small number who in their last illness had been attended by qualified though unregistered practitioners. Again, the figures require considerable modification on account of the cases in which inquests were held on persons under medical care at the time of death. Such deaths, although actually occurring under medical care, are placed under the head of "inquests," and consequently do not appear in the medically certified list. It has been stated above that in the year under present notice not fewer than 34,159, or 6·19 per cent., of the total deaths in England and Wales, were certified by coroners after inquest. There is no doubt that in a large proportion of these cases medical evidence as to cause of death (with or without post-mortem examination of the body) was taken at the inquest; but except in cases where a post-mortem examination is stated in the coroner's certificate to have been made, it is impossible to ascertain whether or not medical evidence was given at the inquest, and, if given, what was the purport of that evidence. In the third quarter of the year 1897, there were held in England and Wales 8,057 inquests, and on examining the returns in this Office it appears that the coroners' certificates contain intimation of post-mortem examination having been made regarding 14 per cent. only of that number.

Unfortunately the verdicts of coroners' juries are frequently worded in such a manner as to obscure the medical evidence given at the inquest concerning the cause of death, and this information is consequently lost for the purposes of vital statistics. That the reliability of the national system of death registration should be seriously impaired by such means is much to be regretted, inasmuch as a large share of the time of our official staff is occupied in the endeavour to maintain that system in a high degree of efficiency. It is obvious, however, that the result of these efforts will be to a large extent neutralized, unless means can be found to prevent the loss of essential information after the manner above indicated.

As this question has incidentally occupied the attention of the Home Office of late, in the course of an investigation into the alleged danger of poisoning by water gas, it may be well to insert here an extract from the report of a Departmental Committee of that Office dated 17th January, 1899:—

"Lastly, we are so much impressed by the insufficiency and untrustworthiness of the statistics relating to particular causes of mortality which can be gathered from returns of coroners' verdicts, that we venture, though the matter is outside the terms

"of reference to us, to recommend strongly that some steps should be taken to secure that these verdicts should lend themselves more readily to clear classification by the Registrar-General; and, in particular, we suggest that in every case where the coroner is in possession of a medical certificate of death, or where medical evidence has been taken at the inquest, a copy of that certificate or an abstract of that evidence should be appended to the coroner's certificate when sent to the Registrar-General."*

If effect were given to this reasonable suggestion, it is certain that a marked improvement would speedily appear in the national records of causes of death.

TABLE L.—CERTIFIED and UNCERTIFIED DEATHS, and INQUEST CASES in 1898. PROPORTIONS PER CENT. in several AGE GROUPS.

	MALES.				FEMALES.			
	Certified.	Uncertified.		Inquests.	Certified.	Uncertified.		Inquests.
		Referred to Coroner.	Not referred to Coroner.			Referred to Coroner.	Not referred to Coroner.	
ALL AGES ...	90·27	1·52	0·46	7·75	93·67	1·35	0·45	4·53
Under 3 months	90·18	2·95	2·01	4·86	89·52	2·87	1·96	5·65
3—12 months ...	94·57	1·68	0·33	3·42	94·55	1·53	0·36	3·56
1—5 years ...	93·78	1·08	0·21	4·93	94·57	0·86	0·30	4·27
5—15 " ...	85·37	0·80	0·15	13·68	92·30	0·72	0·12	6·86
15—25 " ...	83·95	0·67	0·07	15·31	94·53	0·53	0·24	4·70
25—45 " ...	84·32	0·93	0·10	14·65	92·77	0·85	0·13	6·25
45—65 " ...	87·18	1·38	0·13	11·31	93·23	1·24	0·18	5·35
65 years and upwards.	93·58	1·49	0·30	4·63	95·38	1·37	0·32	2·93

The extent to which medical aid is administered to the dying varies considerably at different ages, as well as in different parts of the country. The minimum amount of such protection is expressed in Table L by the percentages of total deaths that have

* Report of the Departmental Committee, *re* Water Gas, p. xi [C. 9164] 1899

been medically certified at the several ages; but these figures by no means represent the actual proportions of the community that are thus cared for in their last illness: for as has already been explained, we have, at present, no means of determining how many of the persons on whose bodies inquests are held, had actually been under medical care at the time of death.

The proportion of medically certified deaths of males during 1898 was 90·27 per cent., and that of females 93·67 per cent. (Table L.) This difference is mainly attributable to the greater liability of males than of females to death as a result of accident. Nearly all such deaths are registered on the information of coroners after inquest; but it may safely be assumed that medical aid is given in the majority of cases of serious accident, excepting those in which death ensues immediately. It will be seen that at ages under five years the proportion of medically certified deaths differs but little in the two sexes. Between 5 and 65 years of age, however, the proportion among males falls much below the proportion among females, the difference being greatest at ages 15 to 25. Reference to the figures relating to inquests in the table shows, however, that it is precisely at these ages that males are most liable to death from causes which become the subject of coroners' enquiries. If we exclude from consideration all deaths from violence, it will be found that the causes of 94·7 per cent. of the deaths of males, and of 95·7 per cent. of the deaths of females, occurring at all ages in 1898 from what are known as "natural causes" were certified by registered medical practitioners; at ages 15 to 25 years the corresponding proportions were 96·4 per cent. among males and 97·1 per cent. among females. Examination of the foregoing figures makes it probable that, cases of violence being excepted, the two sexes receive medical aid during their last illness in about equal proportion; any difference that may exist being slightly in favour of females.

The following table shows the proportions of medically certified deaths, inquest cases, and uncertified deaths in those parts of London lying respectively north and south of the Thames, and also in each Registration County outside London.

In London north of the Thames 89·79 per cent. of the deaths during the year were medically attested; in London south of the Thames the percentage was 91·02. The county showing the lowest proportion of deaths medically attested was that of Hereford, where the percentage was 89·76; the highest proportions being 93·05 in Westmorland, 93·10 in Monmouthshire, and 94·78 in Rutlandshire. It therefore appears that between the highest and the lowest figures the range did not exceed 5 per cent.

There does not appear to have been any great increment in the amount of protection thus afforded to the community generally within recent years. Unfortunately the records of death-certification in England and Wales are not available for years prior to 1878; but if the twenty years, 1878-97, be divided into quinquennial periods it appears that the proportion of deaths medically certified in the earliest of these periods averaged 90·47, whilst in the latest

TABLE M.—CERTIFIED DEATHS, INQUEST CASES, AND UNCERTIFIED DEATHS IN 1898, 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	91'92	6'19	1'89	1'44	0'45
London { North of Thames ..	89'79	10'10	0'11	0'07	0'04
{ South of Thames ..	91'02	7'43	1'55	1'17	0'38
Surrey	92'48	6'48	1'04	0'93	0'11
Kent	91'59	5'11	3'30	3'10	0'20
Sussex	92'94	6'12	0'94	0'76	0'18
Hampshire	92'37	6'21	1'42	1'11	0'31
Berkshire	91'00	6'53	2'47	1'97	0'50
Middlesex	92'01	5'84	1'25	1'06	0'19
Hertfordshire	92'83	4'79	2'38	1'68	0'70
Buckinghamshire	92'37	5'72	1'01	1'50	0'41
Oxfordshire	91'47	6'46	2'07	1'59	0'48
Northamptonshire	92'58	4'61	2'81	2'04	0'77
Huntingdonshire	92'37	4'69	2'94	1'87	1'07
Bedfordshire	92'77	4'56	2'67	1'74	0'93
Cambridgeshire	92'16	4'67	3'17	2'89	0'28
Essex	91'56	5'97	2'47	2'36	0'11
Suffolk	91'71	6'13	2'16	1'48	0'68
Norfolk	92'13	5'69	2'18	1'66	0'52
Wiltshire	92'14	6'99	0'87	0'50	0'37
Dorsetshire	90'95	6'39	2'66	2'36	0'30
Devonshire	92'30	5'55	2'15	1'81	0'34
Cornwall	91'51	5'35	3'14	2'29	0'85
Somersetshire	92'86	6'22	0'92	0'66	0'26
Gloucestershire	90'53	7'92	1'55	1'01	0'54
Herefordshire	89'76	4'12	6'12	5'06	1'06
Shropshire	91'66	5'18	3'16	2'62	0'54
Staffordshire	92'93	4'86	2'21	1'68	0'53
Worcestershire	92'42	5'15	2'45	2'15	0'28
Warwickshire	92'36	4'69	2'95	2'68	0'27
Leicestershire	92'08	5'95	1'97	1'30	0'67
Rutlandshire	94'78	4'12	1'10	0'83	0'27
Lincolnshire	92'64	5'09	2'27	1'90	0'37
Nottinghamshire	92'92	4'87	2'21	1'78	0'43
Derbyshire	91'54	5'32	3'14	2'58	0'56
Cheshire	92'19	6'60	1'21	0'83	0'38
Lancashire	92'07	5'71	2'22	1'89	0'33
West Riding	92'61	5'58	1'81	1'40	0'41
East Riding	92'06	7'04	0'96	0'80	0'10
North Riding	92'33	6'34	1'33	0'48	0'85
Durham	92'35	5'66	1'99	1'07	0'92
Northumberland	91'97	6'41	1'62	1'25	0'37
Cumberland	92'63	5'04	2'33	2'05	0'28
Westmorland	93'05	3'97	2'98	2'32	0'66
Monmouthshire	93'10	6'12	0'78	0'46	0'32
South Wales	91'89	5'77	2'34	0'69	1'65
North Wales	92'07	3'71	4'22	1'77	2'45

it had increased to an average of 91.56; a difference of only 1.09 per cent. In the year 1898 the proportion further increased to 91.92. This will be seen from the following table:—

TABLE N.—CERTIFIED and UNCERTIFIED DEATHS, and INQUEST CASES, in ENGLAND and WALES, 1878-98.

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
1878	90.15	5.00	4.85
1879	90.25	5.05	4.70
1880	90.79	4.94	4.27
1881	90.35	5.54	4.11
1882	90.80	5.30	3.90
1883	90.86	5.44	3.70
1884	91.05	5.31	3.64
1885	91.21	5.32	3.47
1886	91.25	5.34	3.41
1887	91.13	5.58	3.29
1888	91.33	5.59	3.08
1889	91.48	5.61	2.91
1890	91.54	5.62	2.84
1891	91.73	5.52	2.75
1892	91.60	5.70	2.70
1893	91.72	5.76	2.52
1894	91.19	6.30	2.51
1895	91.68	6.00	2.32
1896	91.53	6.26	2.21
1897	91.69	6.25	2.06
1898	91.92	6.19	1.89

Coroners' inquests were held in the course of the year under notice on the deaths of 34,159 persons, namely, 22,015 males, and 12,144 females. In England and Wales, as a whole, the inquest cases constituted 6.19 per cent. of the total deaths. The proportion varied greatly in different parts of the country; in North Wales the percentage was 3.71, in Westmorland 3.97, and in Herefordshire and Rutlandshire 4.12, whilst it ranged upwards to 6.60 in Cheshire, 6.99 in Wiltshire, 7.04 in the East Riding of Yorkshire, 7.43 in Southern London, 7.92 in Gloucestershire, and 10.10 in Northern London. In Table O, as in a corresponding table in the last Annual Report, the inquest cases have been arranged with respect to age and sex, and also with respect to cause of death as specified in the verdicts of the Coroners' juries. A special classification has been adopted in the present table for the purpose of showing to what extent the findings of Coroners' juries can be utilized for statistical purposes.

TABLE O.—INQUEST CASES REGISTERED in 1898, ARRANGED according to AGE, SEX, and ASSIGNED CAUSE of DEATH.

Assigned Cause of Death.	ALL AGES.			Under 3 months.	3 months and under 1 year.	YEARS.					
	Persons.	Males.	Females.			1—	5—	15—	25—	45—	65—
Causes sufficiently defined for purposes of Classification:—	29286	18981	10305	2318	2398	2444	1730	2145	6141	7470	4140
Violence	15583	11143	4440	1325	709	1449	1330	1636	3625	3594	1915
Miasmatic Diseases	375	192	183	11	91	169	42	14	23	14	11
Diarrhœal Diseases	303	166	137	46	133	62	15	2	8	22	15
Puerperal Fever	34	—	34	—	—	—	—	9	25	—	—
Starvation, Want of Breast Milk	179	105	74	72	73	13	1	—	3	13	4
Alcoholism	934	546	388	—	—	—	—	19	454	404	57
Cancer	62	31	31	1	1	—	1	1	9	35	14
Tubercular Diseases	559	366	193	11	65	52	45	42	185	133	26
Premature B., Congen. Defects..	338	179	159	323	13	2	—	—	—	—	—
Old Age	429	243	186	—	—	—	—	—	—	5	424
Apoplexy, Paralysis	1054	621	433	8	2	4	11	27	220	509	273
Epilepsy	199	115	84	1	4	3	16	39	78	51	7
Convulsions	1368	732	636	617	580	148	14	4	3	1	1
Other Nervous Diseases	375	219	156	32	84	50	40	27	48	55	39
Syncope, Heart Failure	975	581	394	—	—	14	15	53	217	515	161
Other Circulatory Diseases ..	3252	1979	1273	12	14	18	44	116	702	1486	860
Bronchitis	549	272	277	56	109	90	9	4	38	123	120
Pneumonia	737	444	293	96	173	143	42	17	102	117	47
Other Respiratory Diseases ..	408	237	171	61	62	51	18	13	54	104	45
Dentition	209	112	97	1	128	79	1	—	—	—	—
Diseases of Stomach	199	107	92	27	31	12	14	24	46	30	15
Other Digestive Diseases	472	274	198	56	75	43	49	42	78	90	39
Diseases of Urinary System ..	202	112	90	8	5	4	6	13	53	85	28
Accidents of Childbirth	105	—	105	—	—	—	—	16	87	2	—
Other Definite Causes	386	205	181	54	46	38	17	27	83	82	39
Causes not sufficiently defined for purposes of Classification:—	4873	3034	1839	783	345	630	377	269	947	938	584
Violence:—											
(a.) Statement as to accident or intent, also nature of injury but not its cause.	1081	520	561	39	54	437	207	37	79	90	138
(b.) Statement as to accident or intent, but neither nature nor cause of injury.	404	315	89	20	10	24	31	49	118	99	53
(c.) Statement as to nature of injury, but not as to accident or intent.	1753	1284	469	277	36	57	88	149	570	433	143
(d.) No statement as to nature, cause, or intent.	119	79	40	10	4	7	16	5	24	35	18
Debility, Atrophy, Inanition ..	317	177	140	203	82	18	1	—	4	9	—
"Natural Causes" and indefinitely stated conditions.	1066	571	495	172	151	83	32	27	137	249	215
Found Dead*	118	79	39	62	6	3	1	1	14	21	10
"Visitation of God"	15	9	6	—	2	1	1	1	1	2	7
ALL CAUSES { Males ..	22015			1923	1456	1679	1387	1861	5084	5917	2708
{ Females..	12144			1678	1287	1395	720	553	2004	2491	2016
{ Persons ..	34159			3601	2743	3074	2107	2414	7088	8408	4724

* Persons "found dead" in water or on the shore, and children "found dead" in bed without statement as to cause of death, are classified under heading Violence (c).

These deaths may be roughly grouped as follows:—In 29,286 instances, or 86 per cent. of the whole, the causes of death were so stated in the certificates as to admit of classification, whilst in the remaining 4,873 instances, or 14 per cent., the returns were unsatisfactory and useless for statistical purposes. The terms “convulsions” and “syncope,” are properly included in the first category, because they are so contained in the official tables of causes of death. They cannot, however, be regarded as scientific expressions, and it is to be regretted that, on the average, nearly one-sixth part of the deaths from so-called “natural causes”* regarding which inquests take place should be thus returned. Of the 15,219 deaths from natural causes, on which inquests were held in the year under notice, the causes of 2,343 deaths, or 15 per cent., were attributed by coroners’ juries to “heart failure,” “syncope,” or “convulsions,” without statement of definite disease, and the causes of 1,516 other deaths, or 10 per cent., were so returned that they could be relegated only to the indefinite class. In some counties, among which may be mentioned London, Wiltshire, Devonshire, Somersetshire, Gloucestershire, Leicestershire, and the East Riding of Yorkshire, the ill-defined cases formed but a small proportion of the inquests on deaths from natural causes; but in other counties, for example, in Berkshire, Norfolk, Cornwall, Shropshire, Lancashire, Cumberland, and North Wales, they ranged from 23 to 44 per cent.

The causes were fairly indicated in 15,583, or 82 per cent., of the 18,940 violent deaths on which inquests were held in the year 1898, whilst in regard to the remaining 3,357 violent deaths the information was more or less defective. In some cases of violent death the evidence is insufficient to determine whether the fatal issue has resulted from accident on the one hand, or from intent on the other. Many verdicts contain intimation to this effect, and in such cases the defect is obviously inevitable. But there is another kind of defect which attaches to a large number of coroners’ certificates, and which would appear to be generally avoidable. Very common in some districts are verdicts of “accidental death” and “death from injury,” without mention of cause or nature. At the very least it is desirable to know whether the death was caused by casualty in a mine, on the railway, in a factory, in the street, or otherwise; and further, whether it resulted from an explosion, from a fall, from the impact of some heavy substance, from burn, from scald, or from other means.

As might have been expected, the character of the verdicts of coroners’ juries varies greatly in different parts of the country. For example, in Kent and in some other counties bordering on the sea, there is a large excess of “open verdicts” on persons found drowned, the juries being apparently unable to determine whether the drowning was accidental or otherwise. In London and in certain other counties satisfactory information as to the cause of violent deaths is generally given in coroners’ certificates,

* *i.e.*, causes other than violence.

but in most of the south Midland Counties (notably in Northamptonshire) as well as in Staffordshire, Nottinghamshire, the North Riding of Yorkshire, and Northumberland, large proportions of the violent deaths are returned as “accidental,” or in some other manner equally unsatisfactory, no indication as to the cause or nature of the accident being derivable from the certificates.

Inasmuch as the verdicts of juries are our only source of information respecting deaths which are the subject of inquest, it will readily be understood that defects such as those above referred to are of serious importance in relation to the national registration of cause of death.

It has previously been stated that in the year under notice the deaths of 10,441 persons, or 1·89 per cent. of the total deaths, were registered as uncertified. This is the lowest proportion on record, the figures having steadily declined from 4·85 per cent. in 1878 to 2·06 per cent. in 1897. (Table N.)

Table M shows the proportion of uncertified deaths registered in England and Wales, in the parts of London north and south of the Thames, and in each county outside London, according as they were or were not referred to coroners before registration. In England and Wales the average proportion of uncertified deaths in the year 1898 was 1·89 per cent. In the several counties the lowest percentages were 0·11 in Northern London, 0·78 in Monmouthshire, 0·87 in Wiltshire, and 0·90 in the East Riding of Yorkshire; the highest percentages were 3·14 in Cornwall and in Derbyshire, 3·16 in Shropshire, 3·17 in Cambridgeshire, 3·30 in Kent, 4·22 in North Wales, and 6·12 in Herefordshire.

In Table P these deaths are grouped according to age and assigned cause. This table shows that 7,940, or rather more than three-fourths of the uncertified deaths, were registered as such after reference to coroners, but without inquest. The remaining 2,501 deaths, which had neither been certified nor referred to coroners, include the following:—(a) Cases attended by qualified though unregistered medical practitioners, (b) cases informally attested,* (c) cases attended by midwives, and (d) cases that had received no skilled attendance in their last illness.

A high proportion of uncertified deaths in a given locality does not necessarily indicate official laxity in regard to the registration of deaths; for the table shows that the highest percentages of deaths neither medically certified nor reported to coroners occurred in Cornwall, the North Riding of Yorkshire, Durham, Bedfordshire, Herefordshire, Huntingdonshire, and North and South Wales; but this list includes only three (*viz.*, Cornwall, Herefordshire, and North Wales) of the seven counties with the highest proportions of uncertified deaths. Closer examination of

* In some of these cases an informal statement of the probable cause of death was made by a registered medical practitioner, who had either attended the deceased in a previous illness, or had been called in only when the patient was moribund. In other cases the practitioner in attendance was unqualified.

TABLE P.—UNCERTIFIED DEATHS REGISTERED in 1898, 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 and under 1 year.	YEARS.					65 and upwards.		
							1—	5—	15—	25—	45—			
Measles	115	66	49	89	26	—	28	79	8	—	—	—	—	
Scarlet Fever	14	6	8	11	3	—	1	9	4	—	—	—	—	
Diphtheria	17	6	11	14	3	—	1	5	9	—	1	1	—	
Whooping Cough .. .	70	38	32	52	18	11	30	26	3	—	—	—	—	
Other Miasmatic Dis. .	67	34	33	43	24	7	4	8	7	2	7	10	22	
Diarrhoeal Diseases ..	306	141	165	232	74	23	180	59	12	1	4	8	19	
Puerperal Fever .. .	1	—	1	—	1	—	—	—	—	—	1	—	—	
Alcoholism	16	9	7	14	2	—	—	—	—	—	7	7	2	
Cancer	33	11	22	18	15	—	—	—	—	—	4	17	12	
Tubercular Diseases ..	249	127	122	178	71	10	19	31	14	40	76	48	11	
Premature Birth and Congenital Defects.	1369	816	553	668	701	1355	10	1	—	2	—	1	—	
Old Age	788	354	434	597	191	—	—	—	—	—	—	13	775	
Apoplexy, Paralysis ..	430	241	189	377	53	3	1	1	8	7	47	179	184	
Epilepsy	103	47	56	93	10	—	3	1	6	12	35	28	18	
Convulsions	2194	1246	948	1700	494	1180	736	258	18	—	1	1	—	
Other Nervous Dis. .. .	74	50	24	52	22	4	23	6	8	6	5	8	14	
Syncope	350	184	166	321	29	—	—	1	4	13	58	178	96	
Other Circulatory Dis. .	1351	698	653	1211	140	3	5	7	14	31	182	555	554	
Bronchitis	647	326	321	518	129	51	144	117	9	5	31	112	178	
Other Respiratory Dis. .	283	166	122	227	61	21	52	58	18	6	28	54	51	
Dentition	164	95	69	144	20	—	104	60	—	—	—	—	—	
Other Digestive Dis. ..	183	97	86	140	43	28	21	20	19	12	20	41	22	
Childbirth	46	—	46	40	6	—	—	—	—	6	39	1	—	
Violence	153	101	52	152	1	27	18	8	6	15	30	19	30	
Other stated Definite Causes.	248	127	121	199	49	38	16	13	8	8	40	58	67	
Atrophy, Debility, &c. .	582	322	260	316	266	481	73	18	2	—	1	5	2	
Other Indefinite Causes..	583	324	259	534	49	157	72	30	8	13	51	104	148	
Reported to Coroners						7,940	2022	1270	648	157	143	594	1297	1809
Not Reported to Coroners .. .						2,501	1377	271	168	28	36	74	151	396
All Causes — Males						5,632	1965	856	433	96	89	354	789	1045
All Causes — Females						4,809	1434	685	378	89	90	314	659	1160
All Causes — Total						10,441	3399	1541	816	185	179	668	1448	2205

the table confirms this inference. For there are thirty counties in which the proportions of uncertified deaths during 1898 exceeded the average for England and Wales, and in not fewer than twelve of these counties* the proportion of deaths neither certified nor reported to coroners was below the average. This is not a mere coincidence, inasmuch as a similar relation was established for nearly the same counties in the Sixtieth Annual Report.†

It has been noted in previous Reports that uncertified deaths are commonly most numerous among infants, and least numerous among persons at ages from 15 to 25 years, the proportion again increasing steadily at more advanced ages. Substantially similar results are shown by the figures for the year under present notice. There is, however, a remarkable difference between the age distribution of the 7,940 uncertified deaths which were referred to coroners and that of the 2,501 deaths which were not so referred. Of the former 25 per cent. were deaths of infants under three months old, 16 per cent. those of infants from three to twelve months, 36 per cent. those of persons of ages between one year and sixty-five years, and 23 per cent. those of persons above five years of age. Of the latter as many as 55 per cent. were deaths of infants under three months, whilst only 11 per cent. were those of other infants under one year, 18 per cent. those of persons between one year and sixty-five years, and 16 per cent. those of persons above sixty-five.

The same facts are shown from another point of view in Table L, in which 100 deaths at each of the age-groups are divided out according to the form in which the cause of death was stated to the Registrar. It may be noted that about 2 per cent. of the deaths of infants under three months are registered without either medical certificate or reference to Coroners, but at no other age period does the proportion exceed 0.35 per cent. It further appears that at most age periods between one year and sixty-five years the proportion falls even below this figure. The proportions of uncertified deaths were less at nearly all age-groups in the year 1898 than they had been in 1897.‡

Uncertified deaths which have been referred to Coroners are, on the average, about thrice as numerous as those which have not been so referred; and under several of the headings in Table P (e.g., measles, whooping cough, diarrhoeal diseases, old age, and convulsions) the ratio of referred to unreferred cases does not greatly differ from this. The unreferred deaths from apoplexy and from heart disease were respectively only one-seventh and one-ninth part as numerous as the deaths that were referred; whilst on the other hand the unreferred deaths from premature birth, and from atrophy or debility were nearly equal in number

* Viz., the counties of Kent, Buckingham, Cambridge, Essex, Dorset, Devon, Worcester, Warwick, Lincoln, Nottingham, Lancaster, and Cumberland.

† Cf. Table R., page xli.

‡ See Sixtieth Annual Report, page xlv., Table U.

to the referred deaths. The causes of 583 uncertified deaths were stated too indefinitely to admit of any useful grouping; nearly all of these latter deaths were, however, referred to Coroners before registration.

OFFENCES AGAINST THE REGISTRATION ACTS.

In 1898, 22 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 ...	6
For giving false information for the registration of adopted children	7
For personating a qualified informant at registration	2
For failing to comply with requisition to register	1
For making and giving a false certificate of cause of death	1
For burying as stillborn the bodies of children that had lived	2
For procuring to be buried as stillborn the body of a child that had lived	1
For presenting a false and forged medical certificate at the registration of a death	1
For causing two bodies in one coffin to be buried without the requisite authority for burial ...	1

In addition to the foregoing, two cases of conviction were obtained by the Public Prosecutor—one in respect of the false registration of an adopted child, and the other regarding a false declaration made and a forged consent produced on giving notice for marriage to a Superintendent Registrar. Two cases of conviction were also obtained by coroners—one against a medical practitioner for refusing to issue a medical certificate in a case attended by him, on the ground that his fees had not been paid, and the other in respect of the issue of a false medical certificate.

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 1898 by 1,986,164, this addition raising the aggregate number of names in the indexes, which at the end of 1898 embraced a period of 61½ years, to 96,718,387.

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 ending 31st December 1898 the total number of searches was 63,825, and certificates were issued to the number of 41,143; the total amount received in fees for searches and certificates was 8,450*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.
			£ s. d.
1866 (complete year) ...	12,135	10,017	1,860 15 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

MORTALITY IN THE ARMY.*

The average strength of the Army at home and abroad in 1898 was 225,027, and the deaths during the year were 2,699, giving a death-rate of 12.0 per 1000 against 8.3, 8.4, and 10.0 in the preceding three years. The mortality in the Army abroad was 18.3

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

per 1000, against an average of 12·6 per 1000 in the five years 1893-97, while that in the Army at home was 4·4 per 1000, against an average of 4·5 in the same five years. (Table 34.)

MORTALITY IN THE NAVY.*

The average force afloat was 82,830. The deaths during the year numbered 407, being in the proportion of 4·9 per 1000 of the strength. Of the 407 deaths, 295 were due to disease and 112 to violence; the death-rate from disease was therefore 3·6 per 1000, and that from violence 1·3 per 1000. Of the 112 deaths from violence, 104 were accidental and 8 were suicidal; the accidental deaths include 58 from drowning and 5 from heat-stroke.

BIRTHS AND DEATHS OF BRITISH SUBJECTS 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 occurring on board their ships to the Registrar-General of Shipping and Seamen, who furnishes certified copies of such returns to the Registrars-General of England, Scotland, and Ireland. Similar returns are furnished by persons having charge of Her Majesty's Ships directly to the Registrars-General of Births and Deaths. These returns of births and deaths at sea constitute the "Marine Register Book." During the year 1898, this book was increased by the addition of 173 entries of birth and 2,578 entries of death.

Mercantile Marine.—The Registrar-General of Shipping and Seamen reports that the number of masters and seamen afloat during the year 1898, 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 231,385, being 2,395 less than in the preceding year. The reported deaths numbered 2,637, showing a rate of 11·4 per 1000 of the strength. This rate was 1·8 per 1000 below the mean rate in the five years 1893-97. (Table 36.)

Among *passengers* on board merchant vessels at sea 47 births and 409 deaths were reported in 1898; the births were 3 below, and the deaths 83 above the numbers reported in the preceding year. (Table 37.)

* From the Statistical Report of the Health of the Navy for the year 1898.

INTERNATIONAL VITAL STATISTICS.

In Tables 44-61 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 1898 have been received, except Switzerland, the birth-rates during that year were lower than the respective averages for the 27 years 1871-97; but the rates in Denmark, Norway, Switzerland, the German Empire, and Prussia showed an increase on the figures for the year 1897. The death-rates of all the countries were considerably below the averages for the preceding 27 years, but those of Switzerland, the Netherlands, Belgium, France, and Italy were above the corresponding figures for the year 1897.

I have the honour to be,
Sir,
Your faithful Servant,

BRYDGES P. HENNIKER,
Registrar-General.

*General Register Office, Somerset House,
9th December, 1899.*

REMARKS ON THE METEOROLOGY OF THE YEAR 1898.

BY JAMES GLAISHER, ESQ., F.R.S., &C.

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

Atmospheric Pressure.—The readings of the barometer were below their averages on January 1st and 2nd, being as much as 0.66 in. below on the 1st, the mean daily deficiency was 0.42 in.; from January 3rd to February 1st it was above, being particularly so from January 11th to the 29th, the mean daily excess for these 19 days being 0.59 in., and for the 30 days ending February 1st was 0.45 in.; from February 2nd to the 7th it was below, being as much as 0.55 in. below on the 4th, the mean daily deficiency was 0.18 in.; from February 8th to the 17th it was above, the mean daily excess being 0.24 in.; from February 18th to April 3rd it was generally below, the mean daily deficiency being 0.15 in.; from April 4th to the 8th it was above, the mean daily excess being 0.22 in.; from April 9th to the 15th it was generally below, the mean daily deficiency being 0.10 in.; from April 16th to the 25th it was generally above, the mean daily excess being 0.11 in.; from April 26th to May 5th it was below, the mean daily deficiency being 0.30 in.; from May 6th to the 9th it was above, the mean daily excess being 0.22 in.; from May 10th to the 15th it was below, the mean daily deficiency being 0.29 in.; from May 16th to the 18th it was above, the mean daily excess being 0.26 in.; from May 19th to June 6th it was generally below, the mean daily deficiency being 0.11 in.; from June 7th to the 21st it was above, the mean daily excess being 0.19 in.; from June 22nd to the 27th it was below, the mean daily deficiency being 0.26 in.; from June 28th to August 5th it was generally above, the mean daily excess being 0.13 in.; from August 6th to the 8th it was below, the mean daily deficiency being 0.15 in.; from August 9th to the 26th it was generally above, the mean daily excess being 0.12 in.; from August 27th to the 30th it was below, the mean daily deficiency being 0.12 in.; from August 31st to September 6th it was above, the mean daily excess being 0.22 in.; from September 7th to the 12th it was below, the mean daily deficiency being 0.07 in.; from September 13th to October 12th it was generally above, the mean daily excess being 0.16 in.; from October 13th to the 21st it was below, being as much as 0.72 in., 0.84 in., 0.94 in., and 0.86 in. below on October 15th, 16th, 17th, and 18th respectively; from October 22nd to the 28th it was above, the mean daily excess being 0.13 in.; from October 29th to November 5th it was generally below, the mean daily deficiency being 0.18 in.; from November 6th to the 22nd it was generally above, the mean daily excess being 0.19 in.; from November 23rd to December 3rd it was generally below, being as much as 0.93 in., 0.98 in., and 0.84 in. below on November 24th, 25th, and 26th respectively; the mean daily deficiency for the 11 days ending December 3rd was 0.46 in.; from December 4th to the 26th it was generally above, the mean daily excess being 0.23 in.; and from

December 27th to the 31st it was below, being as much as 0.99 in. below on the 29th, the mean daily deficiency for the 5 days ending December 31st being 0.53 in.

The highest reading of the barometer at the height of 159 feet above the sea was 30.520 ins. on January 28th; and the lowest was 28.590 ins. on October 18th. The yearly range was 1.930 inch.

Temperature.—The temperature of the air was generally above its average from January 1st to February 3rd, being particularly so on January 5th, 6th, 19th, 20th, 21st, 22nd, 30th, and on February 1st, the mean daily excess for these 8 days was 12°, and the mean daily excess for the 34 days ending February 3rd being 5°.1; from February 4th to the 7th it was generally below, the mean daily deficiency being 1°.9; from February 8th to the 17th it was above, being as much as 8°.4, 9°.2, and 9°.3 in excess on February 10th, 12th, and 15th respectively, the mean daily excess for the 10 days ending February 17th being 5°.7; from February 18th to the 25th it was below, the mean daily deficiency being 2°.9; from February 26th to March 1st it was above, the mean daily excess being 1°.2; from March 2nd to the 13th it was below, the mean daily deficiency being 3°.4; from March 14th to the 19th it was above, being as much as 11°.5 in excess on the 18th, the mean daily excess being 5°.8; from March 20th to April 5th it was generally below, being as much as 8°.5 and 9°.2 below on March 24th and 25th respectively; the mean daily deficiency for the 17 days ending April 5th was 3°.6; from April 6th to the 17th it was generally above, being as much as 9°.8 and 8°.5 in excess on the 8th and 9th respectively, the mean daily excess being 4°.1; from April 18th to the 25th it was generally below, the mean daily deficiency being 2°.9; from April 26th to May 10th it was generally above, the mean daily excess being 1°.6; from May 11th to June 4th it was generally below, being as much as 8°.3, 9°.7, and 7°.7 below on May 19th and June 1st and 2nd respectively, the mean daily deficiency for these 26 days being 2°.7; from June 5th to the 11th it was generally above, the mean daily excess being 2°; from June 12th to the 16th it was below, the mean daily deficiency being 6°.5; from June 17th to the 21st it was above, the mean daily excess being 4°.1; from June 22nd to July 14th it was generally below, being as much as 8°.6 and 9° below on June 26th and July 10th respectively; the mean daily deficiency for the 23 days ending July 14th was 2°.6; from July 15th to the 27th it was generally above, the mean daily excess being 1°.4; from July 28th to the 31st it was below, the mean daily deficiency being 4°.3; from August 1st to the 6th it was generally above, the mean daily excess being 1°.8; from August 7th to the 10th it was below, being particularly so on August 7th and 8th, when it was as much as 10°.3 and 9° below, the mean daily deficiency being 6°.9; from August 11th to September 23rd the weather was remarkably fine, bright, and hot, and the mean temperature of the air was generally above its average, being particularly so on August 13th, 14th, 15th, and 22nd, and on September 4th, 7th, 8th, 9th, 16th, and 17th, when it was as much as 11°, 10°.2, 12°, 11°, 10°, 11°.6, 17°.7, 16°.8, 12°.1, and 17°.5 respectively above; 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 44

days ending September 23rd being $6^{\circ}2$; from September 24th to October 2nd it was below, the mean daily deficiency being $1^{\circ}9$; from October 3rd to the 9th it was above, the mean daily excess being $3^{\circ}6$; from October 10th to the 13th it was below, the mean daily deficiency being $2^{\circ}6$; from October 14th to November 21st it was generally above, being particularly so on October 21st, 22nd, 26th, 27th, and 29th, and on November 16th and 17th, when it was as much as $10^{\circ}8$, $12^{\circ}6$, $9^{\circ}6$, $9^{\circ}4$, $9^{\circ}4$, $10^{\circ}5$, and $9^{\circ}6$ respectively in excess; the mean daily excess was $5^{\circ}3$; from November 22nd to the 30th it was generally below, the mean daily deficiency being $2^{\circ}1$; from December 1st to the 19th the weather was remarkably mild, and the temperature of the air above its average, being particularly so on December 1st, 2nd, 3rd, 4th, 5th, 6th, 10th, 11th, 12th, 17th, and 18th; the mean daily excess for these 11 days was $11^{\circ}9$, and for the 19 days ending December 19th being $8^{\circ}8$; from December 20th to the 24th it was below, the mean daily deficiency being 2° ; from December 25th to the 29th it was above, being as much as $9^{\circ}4$ and $11^{\circ}3$ in excess on the 26th and 27th respectively, the mean daily excess being $7^{\circ}3$; and on December 30th and 31st it was below, the mean daily deficiency being $1^{\circ}3$.

The highest temperatures of the air were at the Royal Observatory $92^{\circ}1$, at Barnet $91^{\circ}8$, and at Camden Square $91^{\circ}2$; the lowest were at Barnet 16° , at Llangammarch Wells 17° , and at Croydon $19^{\circ}8$.

Rainfall.—The fall of rain was below its average in each of the months of January, February, and March; the total fall in the three months at Greenwich was 3.24 ins., or 1.71 in. below the average, and there were only ten instances of as small or smaller fall for these three months back to 1815, viz. :—

1892	it was	Ins. 3.16	1874	it was	Ins. 2.40	1850	it was	Ins. 2.80
1887	"	3.03	1859	"	3.10	1829	"	2.40
1880	"	3.20	1854	"	3.10	1822	"	3.20
1878	"	3.10						

The fall of rain was below its average in April, above in May, and below again in June; the total fall in the three months at Greenwich was 5.32 ins., or 0.29 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 2.51 ins., or 4.47 ins. below the average, and there was no instance of so small a fall in these three months back to 1815, the nearest approach was 4.20 ins. in 1861. The fall of rain for the 12 months ending September 30th, 1898, is remarkable; it was 14.76 ins., being smaller than in any 12 months ending September 30th back to 1815, the nearest approach was 17 ins. in the twelve months ending September 30th, 1864. The average fall for the same period for 83 years is 24.96 ins. The fall of rain was above its average in each of the months of October, November, and December; the total fall in the three months at Greenwich was

7.78 ins., being 0.70 in. above the average. The fall of rain at Greenwich for the 12 months ending December 31st, 1898, was small, being 18.85 ins., and there were only seven instances of as small or smaller fall in the same 12 months back to the year 1815, viz. :—

1840	it was	Ins. 18.30	1858	it was	Ins. 17.80	1870	it was	Ins. 18.56
1847	"	17.80	1864	"	16.80	1884	"	18.05
1854	"	18.70						

The average fall for the 83 years is 24.92 ins.

Thunderstorms occurred on 38 days at the different stations; of these 9 were in August, 8 in June, 7 in May, 3 in both April and July, 2 in each of the months of February, March, and October, and 1 in both November and December.

Thunder was heard but lightning was not seen on 46 days; of these 10 were in each of the months of May, June, and August, 5 in July, 4 in April, 3 in October, 2 in September, and 1 in both February and November.

Lightning was seen but thunder was not heard on 29 days; of these 6 were in August, 4 in both May and October, 3 in both September and December, 2 in each of the months of June, July, and November, and 1 in each of the months of February, March, and April.

Solar halos were seen on 86 days; of these 14 were in June, 12 in both April and May, 10 in August, 7 in each of the months of March, July, and October, 5 in February, 4 in January, 3 in both September and November, and 2 in December.

Lunar halos were seen on 61 nights; of these 9 were in both January and November, 8 in both April and December, 6 in February, 5 in both August and October, 4 in both March and May, 2 in June, and 1 in September.

Aurora borealis was seen on 5 nights; of these 2 were in both April and September, and 1 in March.

Snow fell on 47 days; of these 17 were in February, 16 in March, 5 in November, 4 in December, 2 in both April and May, and 1 in June.

Hail fell on 74 days; of these 19 were in February, 13 in March, 9 in May, 8 in February, 7 in both April and November, 5 in December, 3 in October, 2 in August, and 1 in September.

Fog prevailed on 141 days; of these 23 were in November, 21 in October, 20 in January, 14 in March, 12 in December, 11 in April, 9 in September, 8 in both February and May, 7 in August, 5 in June, and 3 in July.

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.
1849	27,669,579	13,512,837	14,156,742	17,564,656	8,605,212	8,959,444
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	27,418,257	13,394,542	14,053,715	18,193,206	8,909,938	9,283,268
1853	27,542,588	13,441,288	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	15,056,673	15,921,605	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

to the middle of each of the Years 1849-98, 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.
1849	2,848,609	1,356,381	1,492,228	7,256,314	3,551,244	3,705,070
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	4,905,895	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

* 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, 1849-98.

YEAR.	MAR-RIAGES.	BIRTHS.					DEATHS.		
		Total.	Males.	Females.	Le-gitimate.	Ille-gitimate.	Persons.	Males.	Females.
1849	141,883	578,159	295,158	283,001	538,825	39,334	440,839	221,801	219,038
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	41,775	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	879,868	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	923,265	468,920	454,345	884,932	38,333	552,141	283,981	268,160

TABLE 3.—ENGLAND AND WALES.—Annual Marriage-, Birth-, and Death-rates, 1849-98.

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.		
1849	16.2	32.9	30.7	2.2	68	1043	25.1	25.8	24.4	1054	1849
1850	17.2	33.4	31.1	2.3	68	1042	20.8	21.4	20.1	1064	1850
1851	17.2	34.2	31.9	2.3	68	1047	22.0	22.8	21.2	1072	1851
1852	17.4	34.2	31.9	2.3	68	1046	22.3	23.2	21.5	1078	1852
1853	17.9	33.3	31.1	2.2	65	1051	22.9	23.8	22.0	1085	1853
1854	17.2	34.1	31.9	2.2	64	1044	23.5	24.4	22.7	1077	1854
1855	16.2	33.7	31.5	2.2	64	1041	22.6	23.5	21.7	1081	1855
1856	16.7	34.4	32.2	2.2	65	1042	20.5	21.3	19.6	1085	1856
1857	16.5	34.4	32.2	2.2	65	1052	21.8	22.6	21.1	1071	1857
1858	16.0	33.7	31.5	2.2	66	1045	23.1	23.9	22.3	1070	1858
1859	17.0	35.0	32.7	2.3	65	1046	22.4	23.3	21.5	1080	1859
1860	17.1	34.3	32.1	2.2	64	1047	21.2	22.1	20.3	1090	1860
1861	16.3	34.6	32.4	2.2	63	1046	21.6	22.7	20.6	1099	1861
1862	16.1	35.0	32.8	2.2	63	1041	21.4	22.4	20.5	1095	1862
1863	16.8	35.3	33.0	2.3	65	1047	23.0	24.1	21.9	1101	1863
1864	17.2	35.4	33.1	2.3	64	1042	23.7	24.9	22.5	1104	1864
1865	17.5	35.4	33.2	2.2	62	1040	23.2	24.5	22.0	1113	1865
1866	17.5	35.2	33.1	2.1	60	1043	23.4	24.6	22.2	1106	1866
1867	16.5	35.4	33.3	2.1	59	1043	21.7	23.0	20.5	1118	1867
1868	16.1	35.8	33.7	2.1	59	1036	21.8	23.1	20.7	1115	1868
1869	15.9	34.8	32.8	2.0	58	1042	22.3	23.6	21.0	1119	1869
1870	16.1	35.2	33.2	2.0	56	1041	22.9	24.2	21.6	1121	1870
1871	16.7	35.0	33.0	2.0	56	1035	22.6	23.9	21.3	1123	1871
1872	17.4	35.6	33.7	1.9	54	1041	21.3	22.6	19.9	1134	1872
1873	17.6	35.4	33.6	1.8	52	1039	21.0	22.4	19.8	1132	1873
1874	17.0	36.0	34.2	1.8	50	1037	22.2	23.6	20.9	1128	1874
1875	16.7	35.4	33.7	1.7	48	1043	22.7	24.1	21.4	1126	1875
1876	16.5	36.3	34.6	1.7	47	1038	20.9	22.3	19.6	1140	1876
1877	15.7	36.0	34.3	1.7	47	1036	20.3	21.7	18.9	1145	1877
1878	15.2	35.6	33.9	1.7	47	1042	21.6	22.9	20.3	1126	1878
1879	14.4	34.7	33.0	1.7	48	1036	20.7	22.0	19.6	1124	1879
1880	14.9	34.2	32.6	1.6	48	1036	20.5	21.8	19.3	1130	1880
1881	15.1	33.9	32.2	1.7	49	1039	18.9	20.0	17.8	1123	1881
1882	15.5	33.8	32.2	1.6	49	1038	19.6	20.7	18.5	1119	1882
1883	15.5	33.5	31.9	1.6	48	1035	19.6	20.8	18.5	1122	1883
1884	15.1	33.6	32.0	1.6	47	1041	19.7	20.8	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

TABLE 4.—ENGLAND AND WALES.—Annual Marriage-, Birth-, and Death-rates, in Groups of Years, 1838-98.

PERIOD.	MAR-RIAGES. Persons Married to 1000 Living.	BIRTHS.					DEATHS.			Deaths of Males to 1000 Deaths of Females, in equal Numbers Living.
		Births to 1000 Living.			Illegitimate Births in 1000 Births.	Births of Males to 1000 Births of Females.	Deaths to 1000 Living.			
		Total.	Legitimate.	Illegitimate.			Persons.	Males.	Females.	
1838-98	16.0	33.3	31.7*	1.9*	55*	1042	21.1	22.2	20.1	1103
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 1845-98 only.

TABLE 5.—ENGLAND AND WALES.—Annual Marriage-, Birth-, and Death-rates in each Quarter in Groups of Years, 1838-98, and in each Year, 1889-98.

PERIOD.	PERSONS MARRIED TO 1000 LIVING.				BIRTHS TO 1000 LIVING.				DEATHS TO 1000 LIVING.			
	Quarter ending				Quarter ending				Quarter ending			
	March.	June.	Sept.	Dec.	March.	June.	Sept.	Dec.	March.	June.	Sept.	Dec.
1838-98	13.1	16.4	15.7	18.9	34.6	34.3	32.4	32.1	23.6	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
1889 ..	11.7	15.7	15.0	17.7	31.4	32.1	30.7	30.4	19.9	17.5	17.1	18.4
1890 ..	11.5	16.5	15.8	18.2	31.8	30.7	30.5	28.1	23.3	17.9	16.9	20.1
1891 ..	13.7	14.5	16.0	18.0	32.0	33.0	30.6	30.1	22.0	23.7	15.9	19.3
1892 ..	11.7	16.4	15.7	17.8	30.0	31.7	30.9	29.3	24.9	18.0	15.7	17.4
1893 ..	11.0	15.9	15.6	16.3	31.5	31.7	30.7	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

TABLE 6.—ENGLAND AND WALES.—Churches and Chapels of the Established Church, and other Registered Buildings for Solemnization of Marriage, 31st December, 1898.

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	27,586	15,301	12,285	394	2527	2177	1106	159	2564	189	1086	546	46	659	150	682		
I.—LONDON.																		
London	1299	611	688	47	145	155	79	16	90	5	27	21	—	11	5	87		
II.—SOUTH EASTERN.																		
Surrey	431	237	194	8	47	49	21	2	35	—	10	2	—	—	—	20		
Kent	794	498	296	7	64	83	27	3	65	—	18	3	—	—	9	16		
Sussex	613	403	210	7	61	47	25	3	33	—	7	—	—	3	4	19		
Hampshire	708	441	267	6	68	50	22	4	51	—	22	5	—	—	15	24		
Berkshire	383	268	115	3	19	27	12	1	26	—	20	1	—	—	1	5		
III.—SOUTH MIDLAND.																		
Middlesex	331	150	181	9	41	46	24	1	29	—	9	—	—	—	2	20		
Hertfordshire	300	193	107	1	40	34	5	—	17	—	4	—	—	—	—	6		
Buckinghamshire	289	197	92	—	17	35	4	—	17	—	10	3	—	—	—	6		
Oxfordshire	346	266	80	1	21	20	9	—	19	—	4	4	—	—	—	2		
Northamptonshire	471	318	153	—	38	53	7	1	32	—	7	5	4	—	—	6		
Huntingdonshire	121	80	41	—	5	20	2	—	10	—	—	—	—	—	—	4		
Bedfordshire	241	141	100	—	13	34	3	—	32	—	12	—	—	—	—	6		
Cambridgeshire	306	195	111	1	19	42	5	—	22	1	14	3	—	—	—	4		
IV.—EASTERN.																		
Essex	691	438	253	5	95	43	20	2	43	—	15	6	1	—	—	23		
Suffolk	669	510	159	3	49	50	10	2	20	—	15	3	—	—	—	7		
Norfolk	880	704	176	3	28	42	8	2	36	—	36	12	—	—	—	9		
V.—SOUTH WESTERN.																		
Wiltshire	500	331	169	1	45	51	8	—	25	—	23	4	—	—	1	11		
Dorsetshire	398	300	98	—	32	11	11	3	27	—	11	—	—	—	1	2		
Devonshire	878	547	331	9	73	56	21	4	74	—	5	8	1	2	42	36		
Cornwall	464	256	208	—	22	7	9	—	89	1	5	36	1	—	36	2		
Somersetshire	864	563	301	3	73	59	14	3	88	—	15	15	—	—	12	19		
VI.—WEST MIDLAND.																		
Gloucestershire	657	409	248	5	71	64	13	1	45	—	8	10	—	2	2	27		
Herefordshire	295	229	66	—	10	13	4	—	10	1	15	—	—	—	—	11		
Shropshire	481	317	164	2	44	15	12	—	29	3	37	7	1	9	—	5		
Staffordshire	723	361	362	8	46	31	46	5	115	29	57	10	—	—	—	15		
Worcestershire	384	255	129	3	20	27	16	3	23	3	15	2	2	—	—	15		
Warwickshire	535	321	214	3	46	45	33	7	41	3	11	7	—	2	—	16		
VII.—NORTH MIDLAND.																		
Leicestershire	496	298	198	2	33	56	15	2	48	2	23	6	—	—	—	11		
Rutlandshire	69	56	13	—	3	6	1	—	2	—	1	—	—	—	—	—		
Lincolnshire	883	658	225	1	22	33	14	3	75	1	49	20	2	—	—	5		
Nottinghamshire	482	293	189	1	23	34	10	3	50	11	28	22	—	—	—	7		
Derbyshire	445	211	234	4	38	24	19	4	58	5	40	32	—	—	—	10		
VIII.—NORTH WESTERN.																		
Cheshire	618	264	354	28	59	27	28	8	101	10	50	16	2	13	—	12		
Lancashire	2336	789	1547	66	253	161	277	32	316	33	116	111	27	26	5	124		
IX.—YORK.																		
West Riding	1767	696	1071	8	181	118	74	17	332	55	125	118	4	—	2	37		
East Riding (with York)	399	248	151	6	23	10	15	1	48	3	35	6	—	—	—	4		
North Riding	457	274	183	5	26	11	23	3	70	—	36	4	—	—	—	5		
X.—NORTHERN.																		
Durham	572	268	304	28	26	19	54	4	69	15	59	18	1	1	—	10		
Northumberland	411	182	229	77	13	8	34	—	37	7	31	14	—	—	3	5		
Cumberland	291	181	110	16	16	4	14	1	30	—	17	4	—	—	1	7		
Westmorland	129	84	45	1	8	5	3	1	16	—	6	2	—	—	—	3		
XI.—WELSH.																		
Monmouthshire	386	174	212	1	47	87	15	—	21	—	13	3	—	18	3	4		
South Wales	1739	686	1053	6	363	294	27	17	69	—	13	2	—	246	6	10		
North Wales	1054	400	654	9	141	71	13	—	79	1	12	—	—	323	—	5		

TABLE 7.—ENGLAND AND WALES.—Marriages.—Manner of Solemnization, 1849-98.

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.	Other Christian Denominations.	Quakers.		
Jews.												
1849	0.1	118	639	18	93	868	132	30	61	0.4	1.6	39
1850	0.1	114	645	21	77	857	143	37	63	0.5	1.7	41
1851	0.1	115	644	22	68	849	151	43	62	0.4	1.7	44
1852	0.1	123	670	23	27	843	157	47	63	0.4	1.6	45
1853	0.1	125	664	23	27	839	161	51	62	0.5	1.8	46
1854	0.1	132	653	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	45	111	0.3	2.5	126
1883	0.3	63	629	18	2	712	288	44	113	0.3	2.6	128
1884	0.3	60	628	17	2	707	293	43	116	0.3	2.9	131
1885	0.3	58	630	17	3	708	292	41	118	0.2	3.2	130
1886	0.2	56	632	17	2	707	293	42	117	0.2	3.4	130
1887	0.1	53	629	17	2	701	299	43	116	0.3	3.2	136
1888	0.1	51	632	16	2	701	299	42	116	0.3	3.9	137
1889	0.1	48	632	16	2	698	302	42	116	0.3	4.1	140
1890	0.1	47	637	15	2	701	299	43	115	0.3	4.0	137
1891	0.1	46	637	14	2	699	301	42	118	0.3	4.6	136
1892	0.1	45	637	14	2	698	302	40	118	0.3	4.6	139
1893	0.1	44	634	13	1	692	308	41	118	0.4	5.1	143
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

TABLE 8.—ENGLAND AND WALES.—Marriages.—Manner of Solemnization, in Counties, 1898.

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.			Civil Marriages in Superintendent Registrar's Office.	
								Roman Catholics.	Other Christian Denominations.	Quakers.		
Jews.												
ENGLAND AND WALES	0.1	34	641	9	1	685	315	40	121	0.4	5.7	148
I.—LONDON.												
London	0.2	39	700	0	0	739	261	35	44	0.4	25.1	156
II.—SOUTH EASTERN.												
Surrey	—	36	719	1	1	757	243	20	75	0.4	—	148
Kent	0.1	22	730	6	2	760	240	14	109	—	0.6	116
Sussex	—	40	734	1	3	778	222	11	77	0.2	—	134
Hampshire	0.4	31	671	9	2	713	287	18	93	0.2	—	176
Berkshire	0.5	30	749	1	2	783	217	7	82	—	—	128
III.—SOUTH MIDLAND.												
Middlesex	—	36	733	0	1	770	230	15	78	0.2	—	137
Hertfordshire	—	20	796	—	7	823	177	5	98	—	—	74
Buckinghamshire	—	22	762	—	4	788	212	5	113	—	—	94
Oxfordshire	—	27	757	—	2	786	214	12	88	3.1	—	111
Northamptonshire	—	22	680	3	3	708	292	8	139	0.4	—	145
Huntingdonshire	—	20	840	—	6	866	134	—	97	—	—	37
Bedfordshire	—	18	709	2	2	731	269	5	174	—	—	90
Cambridgeshire	—	26	764	1	2	793	207	3	123	1.4	—	80
IV.—EASTERN.												
Essex	—	25	769	1	2	797	203	25	87	0.7	—	90
Suffolk	—	19	758	0	7	784	216	5	119	0.4	—	92
Norfolk	—	28	739	1	2	770	230	4	99	—	0.6	126
V.—SOUTH WESTERN.												
Wiltshire	—	33	683	1	7	724	276	7	156	—	—	113
Dorsetshire	0.7	36	750	3	9	799	201	11	102	—	—	88
Devonshire	—	54	526	6	2	588	412	15	147	0.2	0.2	250
Cornwall	0.5	59	473	1	3	537	463	4	291	0.5	—	167
Somersetshire	—	39	674	5	4	722	278	7	161	—	—	110
VI.—WEST MIDLAND.												
Gloucestershire	0.2	40	657	1	1	699	301	13	117	1.4	0.5	169
Herefordshire	—	52	654	—	3	709	291	12	101	1.4	—	177
Shropshire	0.6	51	682	5	1	740	260	6	141	—	—	113
Staffordshire	—	22	750	3	1	776	224	33	89	0.1	0.2	102
Worcestershire	—	23	758	2	1	784	216	17	88	0.5	—	110
Warwickshire	—	14	739	3	2	758	242	28	64	0.5	3.3	146
VII.—NORTH MIDLAND.												
Leicestershire	—	16	690	2	3	711	289	16	146	—	0.3	127
Rutlandshire	—	54	837	—	—	891	109	8	39	—	—	62
Lincolnshire	—	29	740	2	1	772	228	7	157	—	0.3	64
Nottinghamshire	—	24	677	0	1	702	298	14	103	0.8	0.6	180
Derbyshire	—	39	670	6	0	715	285	21	161	0.3	—	103
VIII.—NORTH WESTERN.												
Cheshire	—	53	615	8	0	676	324	53	156	0.4	—	115
Lancashire	—	39	561	29	0	629	371	103	156	0.4	4.9	107
IX.—YORK.												
West Riding	—	19	680	14	0	713	287	38	151	0.4	4.9	93
East Riding (with York)	—	41	660	1	1	703	297	36	110	0.8	5.1	145
North Riding	—	52	611	4	3	670	330	58	119	1.4	0.7	151
X.—NORTHERN.												
Durham	—	29	479	35	0	543	457	78	124	0.6	0.6	254
Northumberland	—	39	494	15	—	548	452	71	129	1.2	2.8	248
Cumberland	0.5	94	493	44	2	634	366	73	126	1.0	—	166
Westmorland	—	90	671	5	—	766	234	14	137	2.4	—	81
XI.—WELSH.												
Monmouthshire	—	32	397	6	1	436	564	37	236	—	—	291
South Wales	0.1	36	259	9	0	304	696	29	240	0.4	1.2	425
North Wales	—	57	230	13	2	302	698	11	389	—	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, 1849-98.

YEAR.	IN 1000 MARRIAGES.								
	FIRST MARRIAGES.		RE-MARRIAGES.		UNDER 21 YEARS.		SIGNED BY MARK.		
	Bachelors.	Spinsters.	Widowers.	Widows.	Men.	Women.	Men.	Women.	Both.
1849	862	911	138	89	47	149	310	459	—
1850	855	907	145	93	49	151	311	462	—
1851	860	910	140	90	50	157	308	453	235
1852	865	911	135	89	54	170	305	446	231
1853	864	910	136	90	56	178	304	439	227
1854	864	910	136	90	58	180	300	427	221
1855	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

TABLE 10.—ENGLAND AND WALES.—Marriages, Marriages of Minors, and Signatures by Mark in Counties, 1888-1897, and 1898.

REGISTRATION COUNTY.	IN 1000 MARRIAGES.										
	Persons Married in 1000 Living.	Under 21 Years.				Signed by Mark.					
		Average of Ten Years, 1888-97.		1898.		Average of Ten Years, 1888-97.		1898.			
		Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Both.	
ENGLAND AND WALES	15'3	16'3	57	185	51	168	56	65	31	36	10
I.—LONDON.											
London	17'5	18'7	49	172	48	163	35	45	25	32	11
II.—SOUTH EASTERN.											
Surrey	12'7	14'2	33	130	33	120	33	22	19	11	4
Kent	13'4	15'3	40	177	40	171	45	31	27	16	5
Sussex	13'1	13'9	43	140	35	131	46	21	25	14	4
Hampshire	14'6	15'1	33	158	30	154	41	26	20	14	3
Berkshire	13'2	13'7	35	135	38	140	54	27	22	17	7
III.—SOUTH MIDLAND.											
Middlesex	11'5	12'8	45	158	50	162	39	30	19	17	3
Hertfordshire	11'9	13'8	58	156	42	115	85	52	38	21	6
Buckinghamshire	12'7	13'8	62	177	47	143	79	42	29	23	5
Oxfordshire	12'8	13'4	40	137	30	111	60	33	38	17	8
Northamptonshire	14'9	16'1	80	195	64	182	52	46	31	28	8
Huntingdonshire	12'9	14'6	50	162	54	146	76	39	71	26	9
Bedfordshire	13'5	14'9	89	174	86	159	74	73	37	33	9
Cambridgeshire	13'4	14'1	65	188	53	138	91	53	51	30	7
IV.—EASTERN.											
Essex	12'7	14'6	53	200	53	184	57	42	28	25	6
Suffolk	13'1	13'5	55	175	49	140	92	52	48	27	7
Norfolk	13'4	14'3	64	182	55	163	82	50	44	26	10
V.—SOUTH WESTERN.											
Wiltshire	13'1	13'7	39	138	30	110	63	33	36	18	7
Dorsetshire	13'9	14'3	41	134	26	122	63	30	31	23	7
Devonshire	15'1	15'4	34	125	29	117	40	39	24	19	6
Cornwall	13'4	13'8	42	136	28	105	91	84	51	42	15
Somersetshire	13'4	14'1	56	139	47	131	69	53	39	29	9
VI.—WEST MIDLAND.											
Gloucestershire	15'4	15'7	62	159	49	137	58	54	28	27	7
Herefordshire	12'9	12'6	27	119	17	82	83	45	61	36	13
Shropshire	13'1	14'4	28	121	20	96	83	65	50	37	11
Staffordshire	16'1	17'3	80	232	70	199	84	99	48	50	16
Worcestershire	14'6	16'4	58	161	52	142	70	78	31	38	10
Warwickshire	16'6	18'9	67	199	67	193	56	74	35	43	9
VII.—NORTH MIDLAND.											
Leicestershire	15'2	16'2	92	212	77	189	43	48	19	19	2
Rutlandshire	12'2	12'0	20	120	16	47	56	23	23	8	8
Lincolnshire	14'7	16'1	41	183	45	179	54	41	26	21	6
Nottinghamshire	16'0	17'5	92	251	79	227	60	67	29	33	8
Derbyshire	15'2	15'9	71	238	59	213	52	52	19	24	4
VIII.—NORTH WESTERN.											
Cheshire	14'1	14'7	51	160	47	139	52	62	28	31	8
Lancashire	16'2	17'1	67	188	59	168	54	90	30	46	10
IX.—YORK.											
West Riding	16'1	17'3	69	213	62	192	60	86	37	50	19
East Riding (with York)	16'1	17'5	58	222	55	203	43	54	23	27	5
North Riding	14'1	15'8	49	205	46	181	58	58	27	36	6
X.—NORTHERN.											
Durham	15'7	17'5	62	265	54	229	70	93	37	48	11
Northumberland	16'1	17'8	44	200	44	188	44	66	26	43	6
Cumberland	13'4	14'5	45	167	40	151	47	62	26	31	9
Westmorland	12'8	12'6	28	113	33	104	21	26	17	9	5
XI.—WELSH.											
Monmouthshire	16'0	13'5	65	240	47	207	105	113	41	56	9
South Wales	16'3	14'4	54	191	45	162	79	114	40	57	11
North Wales	13'7	15'5	24	95	21	81	95	104	55	62	20

TABLE 11.—ENGLAND AND WALES.—Birth- and Death-rates in Counties, 1888-97, and 1898.

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 1888 to 1897.		1898.		Ten Years 1888 to 1897.		1898.
	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Persons.	Persons.	Males.	Females.	Ten Years 1888 to 1897.	1898.	
ENGLAND AND WALES	30.5	29.4	43	42	1036	1032	18.4	17.6	18.7	16.6	149	160	
I.—LONDON.													
London*	31.0	29.5	37	38	1037	1029	19.4	18.3	20.1	16.8	155	167	
II.—SOUTH EASTERN.													
Surrey	25.6	24.4	40	41	1045	1063	14.6	14.2	15.4	13.2	114	138	
Kent	27.5	25.7	41	38	1025	1025	15.6	16.0	16.8	15.2	122	147	
Sussex	24.7	22.9	54	55	1046	1015	15.1	14.4	15.7	13.3	113	126	
Hampshire	27.3	25.9	41	44	1035	1045	16.0	15.4	16.3	14.6	119	129	
Berkshire	26.8	24.8	46	50	1041	984	15.2	14.9	15.7	14.0	108	125	
III.—SOUTH MIDLAND.													
Middlesex	28.9	26.4	31	30	1027	1034	14.8	14.0	14.9	13.2	131	154	
Hertfordshire	26.7	25.4	48	43	1030	1050	16.0	15.4	16.0	14.8	107	124	
Buckinghamshire	28.1	25.5	45	41	1027	1062	15.4	14.5	15.2	13.8	111	120	
Oxfordshire	27.0	24.1	51	55	1034	1042	16.1	14.1	15.0	13.2	117	101	
Northamptonshire	29.9	29.4	41	40	1035	1055	16.3	15.7	16.4	14.9	133	140	
Huntingdonshire	26.3	24.9	53	58	1044	970	16.0	15.5	16.4	14.7	115	113	
Bedfordshire	27.3	25.4	55	50	1041	1046	16.0	15.5	16.6	14.4	124	142	
Cambridgeshire	27.2	25.4	51	48	1056	1067	16.5	16.0	16.9	15.2	121	138	
IV.—EASTERN.													
Essex	31.3	29.8	29	29	1027	1021	16.0	15.7	16.2	15.3	131	152	
Suffolk	28.6	26.8	55	56	1053	1013	16.8	15.8	17.0	14.7	117	135	
Norfolk	28.5	26.8	67	63	1033	1032	17.4	17.4	18.2	16.6	139	154	
V.—SOUTH WESTERN.													
Wiltshire	27.2	26.1	42	42	1034	1053	16.0	14.7	15.2	14.2	102	99	
Dorsetshire	26.4	25.4	45	39	1048	1072	15.7	15.5	16.0	15.1	99	99	
Devonshire	26.4	24.8	42	40	1045	1048	17.8	16.6	17.5	15.7	127	135	
Cornwall	27.1	25.5	54	49	1048	1058	18.2	18.1	19.0	17.3	139	158	
Somersetshire	27.8	26.9	37	33	1038	1076	16.5	15.6	16.5	14.9	111	118	
VI.—WEST MIDLAND.													
Gloucestershire	27.8	26.4	40	37	1026	1040	17.4	16.1	17.5	15.0	129	136	
Herefordshire	26.8	25.7	72	78	1019	1106	17.6	17.3	18.9	15.8	112	119	
Shropshire	27.6	28.0	74	72	1043	1015	17.2	16.5	16.9	16.1	115	113	
Staffordshire	35.1	35.3	44	42	1037	1027	19.7	19.8	20.9	18.8	167	177	
Worcestershire	29.6	30.3	43	39	1035	1001	16.7	16.7	18.1	15.4	141	140	
Warwickshire	31.5	32.9	37	32	1022	1047	19.2	19.0	20.3	17.7	162	177	
VII.—NORTH MIDLAND.													
Leicestershire	31.9	30.6	43	42	1023	1067	17.5	16.9	17.9	16.0	165	167	
Rutlandshire	24.3	21.5	47	59	1060	1072	14.8	17.0	18.1	15.9	109	148	
Lincolnshire	28.4	28.2	56	53	1045	1052	17.1	17.2	17.9	16.5	139	155	
Nottinghamshire	32.7	32.0	55	51	1035	1023	17.9	17.5	18.3	16.7	157	166	
Derbyshire	32.1	31.7	44	47	1030	1019	17.5	17.1	17.5	16.7	143	154	
VIII.—NORTH WESTERN.													
Cheshire	30.0	28.7	46	42	1046	1023	18.4	17.5	18.7	16.4	152	167	
Lancashire	32.2	30.6	41	39	1034	1034	21.6	19.4	20.8	18.1	175	181	
IX.—YORK.													
West Riding	30.7	29.8	46	45	1029	1026	19.3	18.4	19.6	17.3	162	173	
East Riding (with York)	31.3	31.3	54	54	1042	1042	18.8	18.4	19.5	17.4	160	172	
North Riding	30.1	29.6	59	57	1040	1018	17.7	18.0	18.8	17.2	143	148	
X.—NORTHERN.													
Durham	36.0	35.2	38	36	1042	1029	19.3	19.4	19.9	18.9	161	185	
Northumberland	32.7	32.5	45	39	1040	1039	19.1	19.8	20.7	19.0	152	177	
Cumberland	30.2	27.2	72	67	1038	1041	17.2	16.9	17.2	16.6	127	141	
Westmorland	25.7	22.9	64	62	1008	1033	15.1	13.4	14.1	12.8	105	99	
XI.—WELSH.													
Monmouthshire	34.6	33.4	33	34	1041	1031	19.0	16.2	16.8	15.6	149	141	
South Wales	33.8	33.0	36	34	1040	1005	19.3	18.0	18.2	17.7	156	161	
North Wales	27.2	28.9	67	60	1057	1025	19.0	19.3	19.9	18.7	128	145	

* See note to Table 25.

TABLE 12.—ENGLAND AND WALES.—Annual Death-rates at Two ve Groups of Ages, 1849-98.*—Persons.

YEAR.	DEATHS TO 1000 LIVING.—PERSONS.												
	ALL AGES.	AGES.											
		0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.
1849	25.1	69.9	11.1	6.5	8.5	11.0	12.9	16.1	21.2	34.9	68.8	145.3	294.9
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	274.6

TABLE 13.—ENGLAND AND WALES.—Annual Death-rates at Twelve Groups of Ages, 1849-98.*—Males.

YEAR.	DEATHS TO 1000 LIVING.—MALES.												
	AGES.												
	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.
1849	25·8	75·0	11·2	6·5	8·0	11·1	12·4	15·9	22·4	36·4	72·4	151·7	304·7
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

* See Note to Table 12.

TABLE 14.—ENGLAND AND WALES.—Annual Death-rates at Twelve Groups of Ages, 1849-98.*—Females.

YEAR.	DEATHS TO 1000 LIVING.—FEMALES.												
	AGES.												
	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwards.
1849	24·4	64·8	10·9	6·6	9·0	10·9	13·4	16·4	20·2	33·6	65·7	140·3	288·3
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												

TABLE 15.—ENGLAND AND WALES.—Annual Death-rates at Twelve Age-periods in Groups of Years, 1838–98.*—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 1898	22.2	68.6	7.3	4.0	5.7	7.7	9.1	12.9	19.0	33.3	68.0	147.5	309.2
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 1898	20.1	58.7	7.0	4.2	6.1	7.3	8.9	11.7	15.5	28.2	59.9	133.7	282.7
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, 1898.—Persons.

REGISTRATION COUNTY.	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 & upwards.
ENGLAND AND WALES	17.6	55.8	3.6	2.1	3.4	4.6	6.2	10.3	16.1	30.8	60.3	135.9	267.0
I.—LONDON.													
London	18.3	63.8	4.1	2.1	2.9	3.8	6.2	11.7	19.4	34.7	60.7	140.7	258.6
II.—SOUTH EASTERN.													
Surrey	14.2	42.0	2.5	1.7	2.5	3.3	5.1	8.8	12.4	26.8	54.8	128.2	280.4
Kent	16.0	44.8	4.2	2.6	3.6	4.6	5.9	8.8	12.9	25.5	53.5	126.0	286.2
Sussex	14.4	37.0	2.7	1.6	2.6	3.8	5.3	8.9	13.1	25.0	48.9	125.9	250.0
Hampshire	15.4	39.6	3.0	2.0	3.0	5.2	6.4	9.3	14.4	25.4	50.3	129.4	289.5
Berkshire	14.9	35.7	2.2	1.9	3.3	4.4	5.2	8.7	11.9	27.2	50.8	130.0	305.2
III.—SOUTH MIDLAND.													
Middlesex	14.0	46.3	3.1	1.5	1.9	2.8	4.1	7.9	13.5	25.6	51.2	122.6	236.7
Hertfordshire	15.4	35.6	2.3	2.0	2.4	3.8	5.7	7.4	12.9	27.1	55.4	137.5	302.3
Buckinghamshire	14.5	35.9	2.5	1.3	1.8	3.3	5.3	6.6	10.1	24.2	52.3	132.6	295.4
Oxfordshire	14.1	28.3	2.6	1.4	2.4	3.2	4.7	7.9	12.8	21.5	55.3	136.7	291.3
Northamptonshire	15.7	45.8	3.1	1.6	3.0	5.0	5.9	7.6	10.8	23.3	54.0	141.0	274.8
Huntingdonshire	15.5	31.7	2.5	2.2	4.2	3.6	4.6	7.2	9.2	18.6	47.0	155.7	278.8
Bedfordshire	15.5	42.5	3.2	2.2	2.7	3.6	4.8	7.5	10.8	24.7	51.6	145.3	309.4
Cambridgeshire	16.0	43.2	3.2	2.1	3.3	4.5	5.7	7.2	10.1	20.2	47.5	130.7	270.5
IV.—EASTERN.													
Essex	15.7	48.8	3.5	1.9	2.9	4.3	5.4	8.6	14.0	25.9	50.6	123.3	243.3
Suffolk	15.8	40.3	3.0	1.9	3.3	3.8	5.2	8.0	11.6	20.7	49.0	121.8	220.3
Norfolk	17.4	46.9	3.2	2.1	3.5	4.9	5.9	8.5	11.5	21.6	47.8	130.6	259.7
V.—SOUTH WESTERN.													
Wiltshire	14.7	30.0	2.2	1.5	2.7	3.8	5.8	7.2	14.0	24.0	52.2	130.2	298.7
Dorsetshire	15.5	30.6	2.8	2.2	3.7	4.7	5.7	9.6	12.2	25.1	52.3	128.3	299.6
Devonshire	16.6	43.1	2.6	2.1	3.4	4.9	6.4	9.1	13.0	24.9	48.9	122.1	272.4
Cornwall	18.1	48.7	2.5	2.2	3.4	5.0	5.5	9.1	11.8	27.4	58.1	130.9	303.4
Somersetshire	15.6	37.3	1.9	1.7	3.1	4.3	5.6	7.4	12.8	27.1	55.1	123.8	243.9
VI.—WEST MIDLAND.													
Gloucestershire	16.1	45.9	3.1	1.7	3.5	4.2	5.6	9.4	13.5	28.1	53.5	117.2	247.5
Herefordshire	17.3	35.8	3.1	1.8	3.9	4.2	6.3	9.1	13.2	27.7	57.9	141.8	258.6
Shropshire	16.5	37.4	3.1	1.7	2.8	4.2	5.7	9.8	12.2	24.9	58.3	139.4	280.4
Staffordshire	19.8	69.9	4.0	2.2	3.5	5.1	6.7	11.2	16.6	32.6	69.5	145.5	245.4
Worcestershire	16.7	51.4	3.5	1.8	3.2	3.8	5.7	8.6	14.3	28.2	60.6	138.2	253.0
Warwickshire	19.0	65.6	3.1	2.1	3.3	4.5	7.0	12.1	17.7	33.8	61.6	128.7	272.8
VII.—NORTH MIDLAND.													
Leicestershire	16.9	58.4	3.8	1.5	3.1	5.0	5.4	8.2	12.3	24.1	53.1	138.1	300.0
Rutlandshire	17.0	43.2	2.4	0.8	2.2	4.0	7.4	6.6	13.3	24.6	51.1	177.4	236.1
Lincolnshire	17.2	48.0	2.5	2.1	4.1	5.4	5.5	7.9	11.2	24.1	55.1	136.9	326.9
Nottinghamshire	17.5	55.8	2.9	2.4	3.5	4.8	5.7	9.6	15.2	27.6	63.6	140.9	284.3
Derbyshire	17.1	54.9	3.3	2.0	3.4	4.5	5.6	8.8	15.3	29.9	67.1	148.5	290.8
VIII.—NORTH WESTERN.													
Cheshire	17.5	56.3	3.7	1.9	3.0	4.0	6.4	10.6	17.2	33.0	66.8	145.4	259.6
Lancashire	19.4	65.2	4.1	2.3	3.7	5.0	6.9	13.0	21.0	40.7	79.2	159.0	251.7
IX.—YORK.													
West Riding	18.4	63.6	4.1	2.4	3.6	4.7	6.1	10.3	17.3	35.3	73.0	165.0	307.7
East Riding (with York)	18.4	57.7	3.2	2.1	3.5	5.1	6.6	10.2	16.3	30.1	59.8	149.0	350.1
North Riding	18.0	50.2	3.6	2.5	3.6	6.3	7.6	11.4	17.8	30.7	57.1	141.5	293.2
X.—NORTHERN.													
Durham	19.4	66.3	3.8	2.6	4.5	6.2	7.0	10.1	16.6	32.9	70.8	157.3	280.9
Northumberland	19.8	64.0	4.0	2.6	4.8	6.1	7.8	12.4	17.0	34.6	70.0	154.4	315.5
Cumberland	16.9	45.5	3.4	2.0	4.4	4.9	5.5	9.2	15.4	31.7	61.1	158.2	311.9
Westmorland	1												

TABLE 17.—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Persons.

CAUSES OF DEATH†	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	
ALL CAUSES	526255	528624	491935	516654	522997	530828	522750	537276	530758	510971	518353	562248	587925	559684	509958	498827	568997	526727	541487	552141	
MIASMATIC DISEASES.																					
Small-pox* { Vaccinated	536	648	652	176	78	493	580	25	42	91	4	4	3	55	150	153	33	45	6	107	
{ Unvaccinated			1068	325	162	595	795	43	111	269	2	—	—	17	106	253	176	61	118	5	59
{ No Statement			1378	816	717	1146	1452	207	353	666	17	12	29	270	1054	491	129	378	14	87	
Chicken-pox	89	103	133	122	99	129	109	93	87	116	83	95	91	123	127	108	86	151	103	116	
Measles†	9185	12328	7300	12711	9329	11324	14495	12013	16765	9784	14732	12614	12673	13553	11110	11757	11491	17618	12711	13220	
Epidemic Rose Rash†	—	—	63	112	105	87	113	98	182	123	148	77	51	78	45	52	30	56	44	40	
Scarlet Fever	17613	17404	14275	13732	12649	10883	6355	5986	7859	6378	6698	6974	4959	5618	6982	5032	4532	5476	4577	3548	
Typhus*	533	530	552	940	877	328	318	245	211	160	137	151	137	85	137	115	58	71	49	47	
Relapsing Fever	22	21	15	13	16	12	10	7	9	8	3	3	11	7	9	7	7	2	2	3	
Influenza	266	171	99	90	107	72	138	83	85	92	55	4523	16886	15737	9669	6625	12880	3753	6088	10405	
Whooping-cough	12752	13662	10830	15259	10471	11476	13106	12936	11251	12287	12225	13756	13612	13406	10176	12354	9594	13266	11431	10175	
Mumps	66	82	106	90	86	57	95	73	86	79	78	78	77	84	77	61	54	77	85	59	
Diphtheria	3053	2810	3153	3992	4218	5020	4471	4098	4443	4815	5368	5150	5036	6552	9466	8774	7895	8993	7654	7661	
Cerebro-spinal Fever	46	43	34	42	38	32	27	40	24	18	23	38	31	29	13	23	23	11	10	11	
Simple and Ill-defined Fever*†	1472	1490	1159	1016	963	768	662	605	507	436	413	361	325	244	265	203	157	164	120	136	
Enteric Fever†	5860	6710	5529	6036	6078	6380	4765	5061	5155	4848	5011	5146	4875	4037	6801	4781	5326	5125	4851	5708	
Other Miasmatic Diseases*	3	2	—	2	4	3	3	1	1	—	2	4	19	23	12	7	18	20	24	27	
DIARRHOEAL DISEASES.																					
Cholera	209	797	317	351	392	805	308	536	462	220	330	408	309	438	1351	250	840	564	952	1103	
Diarrhoea, Dysentery	11463	30185	14536	17185	15933	26412	13398	24748	20242	12839	18434	17429	13653	14898	28370	10513	26552	16824	26099	28993	
MALARIAL DISEASES.																					
Remittent Fever†	118	76	249	246	194	177	138	127	93	81	77	68	40	29	38	18	31	23	9	12	
Ague	99	91	113	99	94	99	89	88	100	78	81	78	93	81	82	70	78	83	109	79	
ZOOGENOUS DISEASES.																					
Hydrophobia	35	29	34	28	34	28	60	26	29	14	30	8	7	6	4	13	20	8	6	2	
Glanders	8	3	4	3	2	2	5	5	6	2	8	3	4	5	6	2	3	1	6	4	
Anthrax, Splenic Fever	12	18	9	15	8	18	11	11	11	12	7	4	3	6	7	10	13	9	18	18	
Cow-pox and other Effects of Vaccination*	36	41	58	65	55	53	52	45	45	45	58	43	43	58	59	50	56	42	36	26	
VENEREAL DISEASES.																					
Syphilis*	2032	2160	2097	2227	2313	2280	2196	2231	2064	1927	2053	2056	1964	2041	2154	2011	2099	1832	1879	1801	
Gonorrhoea, Stricture of Urethra	284	281	237	251	257	291	256	294	294	285	275	276	343	306	303	322	331	352	379	335	
SEPTIC DISEASES.																					
Phagedæna*†	—	—	66	73	71	69	65	46	39	73	50	42	54	52	78	44	66	36	53	45	
Erysipelas*	1824	2014	2314	2435	2166	2145	1996	1523	1853	1635	1209	1375	1263	1474	1921	1353	1099	1101	1014	970	
Pyæmia, Septicæmia	643	646	646	544	512	564	484	375	345	392	312	362	323	342	384	307	309	301	299	251	
Puerperal Fever	1464	1659	2287	2564	2616	2468	2420	2078	2450	2386	1852	1956	1973	2356	3023	2167	1849	2053	1836	1707	

* 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, 1879-98.—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.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	
ALL CAUSES	20742	20501	18887	19619	19642	19663	19204	19521	19073	18111	18221	19547	20216	18982	19170	16594	18727	17101	17436	17586	
MIASMATIC DISEASES.																					
Small-pox* { Vaccinated	21	25	25	7	3	18	21	1	2	3	0	0	0	2	5	5	1	1	0	3	
{ Unvaccinated			41	12	6	22	29	2	4	10	0	—	—	1	4	9	6	2	4	0	2
{ No Statement			53	31	27	42	53	8	13	24	1	0	0	1	9	35	16	4	13	1	3
Chicken-pox	4	4	5	5	4	5	4	3	3	4	3	3	3	4	4	4	3	5	3	4	
Measles†	362	478	280	483	350	419	533	436	602	347	518	439	436	460	374	391	378	572	409	421	
Epidemic Rose Rash†	—	—	2	4	4	3	4	4	7	4	5	3	2	3	2	2	1	2	1	1	
Scarlet Fever	694	675	548	521	475	402	233	218	282	226	235	242	171	190	235	167	149	178	147	113	
Typhus*	21	21	21	36	33	12	12	9	8	6	5	5	5	3	5	4	2	2	2	1	
Relapsing Fever	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Influenza	10	7	4	3	4	3	5	3	3	3	2	157	574	534	325	220	424	122	196	331	
Whooping-cough	503	530	415	579	393	425	481	470	404	436	430	478	468	455	342	411	316	431	368	324	
Mumps	3	3	4	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	3	2	
Diphtheria	120	109	121	152	158	186	164	149	160	171	189	179	173	222	318	292	260	292	246	244	
Cerebro-spinal Fever	2	2	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	
Simple and Ill-defined Fever*†	58	58	44	39	36	28	24	22	18	15	13	13	11	8	9	7	5	5	4	4	
Enteric Fever†	231	261	212	229	228	236	175	184	185	172	176	179	168	137	229	159	175	166	156	182	
Other Miasmatic Diseases*	0	0	—	0	0	0	0	0	0	—	0	0	1	1	0	0	1	1	1	1	
DIARRHOEAL DISEASES.																					
Cholera	8	31	12	13	15	30	11	19	17	8	12	14	11	15	45	8	28	18	31	35	
Diarrhoea, Dysentery	452	1171	558	653	598	978	492	899	727	455	648	606	469	505	954	350	874	546	840	923	
MALARIAL DISEASES.																					
Remittent Fever†	5	3	10	9	7	7	5	5	3	3	3	2	1	1	1	1	1	1	0	0	
Ague	4	4	4	4	4	4	3	3	4	3	3	3	3	3	3	2	3	3	4	3	
ZOOGENOUS DISEASES.																					
Hydrophobia	1	1																			

TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
PARASITIC DISEASES.																				
Thrush	927	1276	808	723	845	853	692	810	655	539	554	558	534	479	434	339	397	330	258	291
Other Diseases from Vegetable } Parasites*	11	6	8	12	4	4	4	6	6	7	4	5	2	3	9	3	8	6	15	9
Hydatid Disease	51	60	51	59	53	59	46	58	47	54	47	53	46	48	58	52	61	56	71	64
Other Dis. from Animal Parasites*	168	181	152	175	137	133	87	116	116	109	102	86	76	87	76	61	64	46	49	39
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	606	705	468	465	470	301	269	247	301	308	310	284	331	334	418	284	308	328	361	364
Scurvy†	—	—	23	15	10	6	19	17	22	20	22	21	20	20	18	23	34	20	34	26
Intemp. } Chronic Alcoholism	655	676	847	1004	904	916	940	1045	1102	1125	1202	1563	1502	1542	1709	1467	1663	1775	1960	2027
} Delirium Tremens	273	274	366	319	379	353	394	347	340	326	364	474	553	429	465	375	382	413	437	437
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheuma- } tism of Heart*	1356	1902	2429	2590	2357	2714	2912	2530	2650	2697	2258	2418	2547	2523	3085	2646	2257	2677	2527	2415
Rheumatism*†	2059	1452	967	930	1015	873	868	867	981	942	897	938	1067	1029	878	799	888	850	914	905
Gout†	682	644	497	522	524	535	587	524	573	558	545	604	653	600	619	565	606	579	570	522
Rickets	490	554	465	493	529	607	608	788	660	842	960	1124	1244	1321	1245	1230	1617	1233	1427	1396
Cancer*†	12689	13165	13542	14057	14614	15198	15560	16243	17113	17506	18654	19433	20117	20353	21135	21422	22945	23521	24443	25196
Tabes Mesenterica	7617	9536	7402	8246	7683	8367	6825	8265	7034	6774	7645	7632	7301	7135	7867	5763	7389	6044	6255	6357
Tubercular Meningitis (Acute) } Hydrocephalus)†	8158	8514	7176	6959	6986	7124	6874	7073	6581	6743	6647	6889	7180	6691	6725	6345	6746	6475	6606	6681
Phthisis	51272	48201	47541	48715	50053	49325	48175	47872	44935	44248	41738	48366	46515	43323	43632	41641	42490	40251	41642	41335
Other Forms of Tuberculosis, } Scrofula*	2950	3327	3785	4040	4268	4592	4284	4865	4971	4917	5205	5443	5911	5866	5518	5552	6084	5521	5438	5766
Purpura, Hæmorrhagic Dia- } thesis*†	316	300	318	373	338	351	307	327	303	299	375	294	378	316	361	369	361	334	340	374
Anæmia, Chlorosis, Leucocy- } thæmia*	845	994	971	1113	1062	1027	1102	1267	1315	1479	1432	1389	1558	1549	1524	1620	1883	1840	1849	1824
Diabetes Mellitus	1048	1059	1237	1253	1369	1475	1524	1634	1750	1773	1754	1863	1930	2011	2082	2037	2265	2286	2426	2585
Other and undefined Constitu- } tional Diseases*†	5	1	379	393	405	434	457	496	538	554	557	637	707	703	718	656	797	799	847	909
DEVELOPMENTAL DISEASES.																				
Premature Birth	11929	12266	12048	12434	12872	13076	12904	13642	14088	14063	14439	15208	16451	16577	17263	15837	17508	17384	17779	18352
Atelectasis†	—	—	628	690	602	543	674	667	707	825	745	757	922	939	986	969	1079	1235	1075	1147
Cyanosis	953	1013	917	945	924	947	1066	1037	885	885	963	943	942	1072	983	1086	1038	1059	1096	1076
Spina Bifida	599	621	621	647	596	627	639	607	655	611	609	569	632	644	637	630	661	690	658	648
Imperforate Anus	190	211	194	205	209	288	192	185	181	171	188	161	198	182	175	197	162	161	182	188
Cleft Palate, Harelip	183	176	195	189	208	198	190	200	192	197	205	180	218	203	227	216	248	217	214	238
Other Congenital Defects*	247	254	269	268	203	249	288	314	294	345	311	400	376	402	560	488	462	446	471	467
Old Age	29525	25823	26372	25765	28096	26879	27971	28451	26931	27196	26639	28102	29417	27866	26528	24517	29842	26168	28618	28698

* 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, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
PARASITIC DISEASES.																				
Thrush	37	49	31	27	32	32	25	29	24	19	19	19	18	16	15	11	13	11	8	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	7	6	7	5	5	3	4	4	4	4	3	3	3	3	2	2	1	2	1
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	24	27	18	18	18	11	10	9	11	11	11	10	11	11	14	9	10	11	12	12
Scurvy†	—	—	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Intemp. } Chronic Alcoholism	26	26	33	38	34	34	35	38	40	40	42	54	52	52	57	49	55	58	63	65
} Delirium Tremens	11	11	14	12	14	13	14	13	12	12	13	16	19	15	16	12	13	13	14	14
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheumatism } of Heart*	53	74	93	98	89	101	107	92	95	96	79	84	88	86	104	88	74	87	81	77
Rheumatism*†	81	56	37	35	38	32	32	32	35	33	32	33	37	35	30	27	29	28	29	29
Gout†	27	25	19	20	20	20	22	19	21	20	19	21	22	20	21	19	20	19	18	17
Rickets	19	21	18	19	20	22	22	29	24	30	34	39	43	45	42	41	53	40	46	44
Cancer*†	500	511	520	534	549	563	572	590	615	621	656	676	602	690	711	713	755	764	787	802
Tabes Mesenterica	300	370	284	313	289	310	251	300	253	240	269	265	251	242	265	192	243	196	201	202
Tubercular Meningitis (Acute) } Hydrocephalus)†	322	330	276	264	262	264	253	257	236	239	234	240	247	227	226	211	222	210	213	213
Phthisis	2021	1869	1825	1850	1880	1827	1770	1739	1615	1568	1573	1682	1599	1468	1468	1385	1398	1307	1341	1317
Other Forms of Tuberculosis, } Scrofula*	116	129	145	153	160	170	157	177	179	174	183	189	203	199	186	185	200	179	175	184
Purpura, Hæmorrhagic Dia- } thesis*†	13	12	12	14	13	13	11	12	11	11	13	10	13	11	12	12	12	11	11	12
Anæmia, Chlorosis, Leucocy- } thæmia*	33	39	37	42	40	38	40	46	47	52	50	48	54	53	51	54	62	60	60	58
Diabetes Mellitus	41	41	47	48	51	55	56	59	63	63	62	65	66	68	70	68	75	74	78	82
Other and undefined Constitu- } tional Diseases*†	0	0	15	15	15	16	17	18	19	20	20	22	24	24	24	22	26	26	27	29
DEVELOPMENTAL DISEASES.																				
Premature Birth	470	476	463	472	483	484	474	495	506	498	508	529	566	562	581	527	576	564	573	585
Atelectasis†	—	—	24	26	23	20	25	24	25	29	26	26	32	32	33	32	36	40	35	37
Cyanosis	38	39	35	36	35	35	39	38	32	31	34	33	32	37	33	36	34	34	35	34
Spina Bifida	24	24	24	25	22	23	23	22	24	22	21	20	22	22	21	21	22	22	21	21
Imperforate Anus	7	8	7	8																

TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF NERVOUS SYSTEM.																				
Inflammation of Brain or its Membranes*†	6882	7740	7306	8122	8490	8625	8526	9309	8924	8689	8561	9030	8455	7832	8108	6893	7561	7284	7429	7556
Apoplexy†	14205	14287	13352	13493	14442	14737	15289	16085	15951	16127	15926	16870	17861	17128	16949	16097	17227	17164	17837	18002
Softening of Brain	3442	3285	3235	3249	3142	3264	3385	3472	3461	3264	3299	3464	3275	3123	3023	2609	2748	2550	2489	2583
Hemiplegia, Brain Paralysis*†	12593	11773	10046	10035	10142	9455	9271	9434	9164	8886	8497	8713	8551	7941	7548	6487	7300	6474	6534	6273
Paralysis Agitans*	142	131	182	137	153	169	224	209	152	200	213	259	299	258	267	256	313	276	288	341
Insanity, General Paralysis of Insane†	1730	1683	2493	2367	2988	2865	2704	2367	2473	2591	2750	2666	2795	2678	2961	3024	3620	3379	3703	3582
Chorea	104	84	106	109	103	113	146	104	106	106	95	106	134	109	127	122	126	124	144	151
Epilepsy*	2976	2721	2774	2693	3134	3136	3164	3164	2984	2900	2915	3045	3054	2809	2811	2555	2836	2581	2528	2658
Convulsions	23853	23503	22200	23021	22677	23056	22002	22873	21659	20764	21505	21535	22222	20687	20856	18126	20484	18347	18384	18165
Laryngismus Stridulus	926	754	687	702	836	769	729	709	692	757	680	653	802	711	604	493	600	520	512	502
Idiopathic Tetanus	28	33	61	47	51	42	42	51	42	51	50	39	47	45	32	28	30	28	26	29
Paraplegia, Dis. of Spinal Cord*†	712	796	1398	1543	1495	1573	1709	1922	1845	1895	1899	2001	2139	2037	2035	2080	2269	2070	2206	2250
Other and undefined Diseases of Brain or Nervous System*†	3288	2985	3910	4309	4690	4502	4429	4318	4470	4519	3913	3338	3383	3138	3438	2866	3124	2832	2665	2554
DISEASES OF ORGANS OF SPECIAL SENSE.																				
Otitis, Otorrhœa	243	282	359	453	343	391	415	409	408	516	509	589	567	614	771	733	828	832	905	895
Epistaxis and Dis. of Nose	57	71	73	70	89	78	69	89	93	88	82	72	85	86	95	88	76	95	91	82
Ophthalmia and Dis. of Eye	47	61	60	59	50	60	60	70	82	68	73	53	48	55	64	65	72	57	66	50
DISEASES OF CIRCULATORY SYSTEM.																				
Endocarditis, Valvular Disease*†	234	284	5369	5509	5901	6238	6770	7088	7339	7616	7662	8356	9238	8772	9130	9315	10072	10220	10644	11059
Pericarditis*	486	434	399	415	456	448	480	476	515	567	431	636	668	608	662	607	527	550	554	535
Hypertrophy of Heart	472	461	365	328	391	386	372	339	299	343	305	280	341	300	255	218	256	213	197	206
Angina Pectoris	507	523	511	558	567	632	606	575	608	694	678	662	727	650	639	646	696	708	714	642
Syncope	2259	2262	1214	1292	1281	1691	1411	1563	1837	1713	1861	2487	2656	1884	1618	1564	1831	1609	1613	1471
Aneurism	788	832	779	791	758	834	853	874	755	782	824	833	750	810	855	851	849	840	879	889
Senile Gangrene	753	622	741	740	1175	1211	1366	1474	1430	1455	1424	1433	1568	1408	1239	1281	1331	1187	1284	1257
Embolism, Thrombosis	578	593	615	645	640	714	801	873	956	1043	1072	993	1050	1023	1144	1110	1277	1345	1309	1359
Phlebitis	115	118	127	130	128	138	157	120	181	126	130	148	164	169	170	125	135	153	148	161
Varicose Veins*	94	88	75	104	83	86	91	84	88	93	101	89	107	110	111	99	81	100	104	97
Other and undefined Diseases of Heart or Circulatory System*†	32186	29266	25487	25726	27852	28289	31004	31866	32363	33389	32862	34627	35816	33914	32635	31004	34237	31425	32797	32816

* 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, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF NERVOUS SYSTEM.																				
Inflammation of Brain or its Membranes*†	271	300	281	308	319	319	313	338	321	308	301	314	291	266	273	229	249	236	239	241
Apoplexy†	560	554	513	512	542	546	562	584	573	571	560	587	614	581	570	535	567	557	574	573
Softening of Brain	136	127	124	123	118	121	124	126	124	116	116	120	113	106	102	87	90	83	80	82
Hemiplegia, Brain Paralysis*†	496	457	386	381	381	350	341	343	329	315	299	303	294	269	254	216	240	210	210	200
Paralysis Agitans*	6	5	7	5	6	6	8	8	5	7	7	9	10	9	9	10	9	9	9	11
Insanity, General Paralysis of Insane†	68	65	96	90	112	106	99	86	89	92	97	93	96	91	100	101	119	110	119	114
Chorea	4	3	4	4	4	4	5	4	4	4	3	4	5	4	4	4	4	4	5	5
Epilepsy*	117	106	107	102	118	116	116	115	107	103	102	106	105	95	95	85	93	84	81	85
Convulsions	940	912	852	874	852	854	808	831	778	736	756	749	703	701	701	603	674	596	592	579
Laryngismus Stridulus	37	29	26	27	31	28	27	26	25	27	24	23	28	24	20	16	20	17	16	16
Idiopathic Tetanus	1	1	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1
Paraplegia, Dis. of Spinal Cord*†	28	31	54	59	56	58	63	70	66	67	67	70	74	69	68	69	75	67	71	72
Other and undefined Diseases of Brain or Nervous System*†	130	116	150	164	176	167	163	157	161	160	137	116	116	106	116	95	103	92	86	81
DISEASES OF ORGANS OF SPECIAL SENSE.																				
Otitis, Otorrhœa	10	11	14	17	13	14	15	15	15	18	18	20	19	21	26	24	27	27	29	29
Epistaxis and Dis. of Nose	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Ophthalmia and Dis. of Eye	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2	2	2
DISEASES OF CIRCULATORY SYSTEM.																				
Endocarditis, Valvular Disease*†	9	11	206	209	222	231	249	258	264	270	269	290	318	297	307	310	332	332	343	352
Pericarditis*	19	17	15	16	17	17	18	17	19	20	15	22	23	21	22	20	17	18	18	17
Hypertrophy of Heart	19	18	14	12	15	14	14	12	11	12	11	10	12	10	9	7	8	7	6	7
Angina Pectoris	20	20	20	21	21	23	22	21	22	25	24	23	25	22	22	21	23	23	23	20
Syncope	80	88	47	49	48	63	52	57	66	61	65	86	91	64	54	52	60	52	52	47
Aneurism	31	32	30	30	28	31	31	32	27	28	29	29	26	27	29	28	28	27	28	28
Senile Gangrene	30	24	28	28	44	45	50	54	51	52	50	50	54	48	42	43	44	39	41	40
Embolism, Thrombosis	23	23	24	24	24	26	29	32	34	37	38	35	36	35	37	37	42	44	42	43
Phlebitis	5	5	5	5	5	5	6	4	7	4	5	5	6	6	6	4	4	5	5	5
Varicose Veins*	4	3	3	4	3	3	3	3	3	3	4	3	4	4	4	3	3	3	3	3
Other and undefined Diseases of Heart or Circulatory System*†	1269	1135	979	977	1046	1048	1139	1158	1163	1183	1155	1204	1231	1150	1098	1031	1127	1020	1056	1045

* See note *, p. lxxiv.

† See note †, page lxxiv.

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TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Persons.

CAUSES OF DEATH	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF RESPIRATORY SYSTEM.																				
Laryngitis*	1077	1022	1160	1444	1499	1650	1597	1440	1605	1590	1438	1556	1402	1400	1651	1392	1372	1428	1284	1189
Croup	3574	3571	3594	4609	4591	4748	4235	3685	3979	3632	3241	3145	2638	2235	2102	1742	1647	1578	1099	863
Other Diseases of Larynx and Trachea*	67	55	223	234	218	235	159	174	183	108	181	172	137	166	154	133	126	130	132	126
Empysema, Asthma	2871	2145	2696	2450	2689	2368	2581	2434	2475	2388	2236	2554	3054	2882	2324	2150	2617	2130	2242	2354
Bronchitis	71419	57939	55870	57853	58794	53410	60963	61438	58908	57571	55674	67104	75425	66858	56686	49356	59901	47417	46839	46621
Pneumonia	27174	25166	23702	26058	28195	26246	29376	28098	30983	30844	29071	40373	42799	36891	38247	32577	35609	35405	34835	35462
Pleurisy	1369	1310	1334	1312	1584	1454	1677	1467	1611	1559	1321	1891	2005	1710	1837	1471	1537	1536	1493	1498
Other and undefined Diseases of Respiratory System*†	5944	5530	4314	4525	4886	4848	5359	5156	5127	4839	4204	4847	5306	4629	4246	3691	4339	3857	3814	3553
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis (Dis. of Mouth)*†	420	508	374	449	450	583	482	535	536	484	628	488	479	484	686	518	635	504	482	534
Dentition	4256	4124	4550	4673	4762	4942	4653	4899	4219	4235	4366	4542	4661	4242	4057	3553	4193	3721	3728	3542
Sore-throat, Quinsy*	329	396	579	629	747	727	654	604	684	564	584	696	674	611	702	562	580	612	533	545
Dyspepsia*	364	426	403	484	477	507	447	520	528	457	535	536	535	590	647	597	362	211	246	161
Hæmatemesis	365	348	343	358	431	405	379	330	338	335	362	344	297	261	285	234	274	259	295	257
Melæna	152	130	126	137	155	169	173	184	178	140	131	119	132	133	134	100	120	127	143	109
Diseases of Stomach*†	984	1037	2555	2548	2458	2768	2800	3437	3424	3329	3476	3917	3983	4057	4668	4329	4963	4827	5019	5288
Enteritis*	2445	3036	2720	2974	2888	3240	2979	3949	3651	3621	4555	5165	5179	5633	8654	5946	10600	9756	13267	16214
Ulceration of Intestine†	1165	1225	409	410	697	689	644	570	423	366	466	322	340	347	328	338	377	367	337	365
Ileus, Obstruction of Intestine	1757	1806	1767	1812	1770	1818	1919	1912	1907	2017	1996	2012	2064	1924	2083	2067	2147	2170	2228	2200
Stricture or Strangulation of Intestine†	461	449	226	232	239	206	238	234	205	181	208	163	173	157	158	143	174	115	169	156
Intussusception of Intestine	430	497	411	407	425	444	446	463	407	451	478	378	447	394	442	400	470	369	397	389
Hernia	1119	1153	1123	1141	1108	1131	1149	1207	1211	1197	1315	1220	1256	1294	1395	1217	1312	1249	1304	1325
Fistula	111	101	65	73	125	131	112	123	113	93	98	77	77	76	51	64	63	80	53	70
Peritonitis	1963	2154	2028	2015	2265	2393	2362	2333	2370	2422	2374	2502	2594	2294	2575	2092	2172	2064	1975	1985
Ascites	431	453	415	436	425	355	340	325	268	226	239	242	187	153	175	134	165	161	138	137
Gallstones	172	194	231	222	203	203	212	210	316	280	289	329	265	295	316	449	480	437	447	470
Cirrhosis of Liver	2799	2792	3013	3047	3183	3360	3324	3505	3341	3362	3431	3563	3641	3609	3584	3473	3591	3782	4134	4146
Other Diseases of Liver*	6966	6755	6299	6415	6082	6045	5921	5823	5445	5051	4876	4586	4469	4044	4118	3470	3491	3395	3140	3057
Other and undefined Diseases of Digestive System*†	1872	1940	1114	1181	1021	748	553	570	601	883	715	796	718	613	715	611	487	535	533	475
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.																				
Diseases of Spleen	126	146	118	117	142	112	138	131	102	104	132	98	93	94	101	75	69	60	73	58
Diseases of Lymphatic System*	63	50	215	225	121	171	203	219	190	229	230	223	244	284	255	271	286	274	286	316
Diseases of Thyroid Body	81	80	91	114	89	117	111	123	141	137	152	174	163	174	237	195	215	230	245	295
Diseases of Supra-Renal Cap- sules	122	117	105	133	149	127	147	167	157	148	136	169	138	141	154	153	172	194	181	197

* 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, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF RESPIRATORY SYSTEM.																				
Laryngitis*	42	40	45	55	56	61	59	52	58	56	51	54	48	47	56	46	45	46	41	38
Croup	141	138	138	175	172	176	156	134	143	129	114	109	91	76	71	58	54	51	35	27
Other Diseases of Larynx and Trachea*	3	2	9	9	8	9	6	6	7	7	6	6	5	6	5	4	4	5	4	4
Empysema, Asthma	113	83	104	93	101	88	95	88	89	85	79	80	105	98	78	72	86	69	72	75
Bronchitis	2815	2247	2145	2197	2208	1978	2240	2232	2117	2041	1957	2333	2593	2267	1906	1642	1972	1539	1508	1485
Pneumonia	1071	976	910	989	1059	972	1079	1021	1113	1093	1022	1404	1472	1251	1286	1084	1172	1149	1122	1120
Pleurisy	54	51	51	50	59	54	62	53	58	55	46	66	69	58	62	49	51	50	48	48
Other and undefined Diseases of Respiratory System*†	234	215	166	172	183	180	197	187	184	164	148	169	182	157	143	123	143	125	123	113
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis (Dis. of Mouth)*†	17	20	14	17	17	22	18	19	19	17	22	17	16	16	23	17	21	16	16	17
Dentition	168	160	175	177	179	183	171	178	152	150	153	158	160	144	136	118	138	121	120	113
Sore-throat, Quinsy*	13	15	22	24	28	27	24	22	25	20	21	24	23	21	24	19	19	20	17	17
Dyspepsia*	14	17	15	18	18	19	16	19	19	16	19	19	18	20	22	20	12	7	8	5
Hæmatemesis	14	13	13	14	16	15	14	12	12	12	13	12	10	9	10	8	9	8	10	8
Melæna	6	5	5	5	6	6	6	7	6	5	5	4	5	5	5	3	4	4	5	3
Diseases of Stomach*†	39	40	98	97	92	103	103	125	123	118	122	136	137	138	156	144	163	157	162	168
Enteritis*	96	118	104	113	108	120	109	143	131	128	160	180	178	191	290	198	349	317	427	516
Ulceration of Intestine†	46	48	16	16	26	26	24	21	15	13	16	11	12	12	11	11	12	12	11	12
Ileus, Obstruction of Intestine	69	70	68	69	66	67	71	69	69	72	70	70	71	65	70	69	71	70	72	70
Stricture or Strangulation of Intestine†	18	17	9	9	8	9	9	9	7	6	7	6	6	5	5	5	6	4	5	5
Intussusception of Intestine	17	19	16	15	16	16	16	17	15	16	17	13	15	13	15	13	15	12	13	12
Hernia	44	45	43	43	42	42	44	44	44	42	46	42	43	44	47	40	43	41	42	42
Fistula	4	4	2	3	5	5	4	4	4	3	3	3	3	3	2	2	2	3	2	2
Peritonitis	77	84	78	77	85	89	87	85	85	86	83	87	89	78	87	70	71	67	64	63
Ascites	17	18	16	17	16	13	12	12	10	8	8	8	6	5	6	4	5	5	4	4
Gallstones	7	8	9	8	8	8	8	8	11	10	10	11	9	10	11	15	16	14	14	15
Cirrhosis of Liver	110	108	116	116	120	124	122	127</												

TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis	1143	1116	1093	1103	1219	1177	1226	1193	1231	1443	1376	1626	1800	1861	1912	1902	2060	2089	2266	2303
Bright's Disease, Albuminuria..	5062	4842	5103	5489	6200	6297	6538	6839	6848	6941	7069	7319	7529	7378	7590	7531	8251	8023	8234	8537
Uræmia	415	439	447	463	441	473	463	500	429	487	497	489	526	499	510	416	414	409	447	440
Suppression of Urine	133	126	130	148	180	139	135	160	119	122	112	110	111	95	106	92	83	78	75	65
Calculus	237	229	235	254	249	226	214	260	255	259	242	251	237	230	241	245	241	223	272	269
Hæmaturia	164	145	145	182	147	161	153	145	144	137	104	124	131	100	102	95	92	77	73	79
Dis. of Bladder and of Prostate*	1691	1691	1856	1772	2088	2020	2094	2107	2042	2073	2123	2060	2171	2147	2117	2016	2298	2199	2335	2206
Other and undefined Diseases } of Urinary System* .. .	1065	997	911	993	1422	1431	1263	1190	1332	1105	1009	985	1073	932	842	647	678	603	638	699
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease*	343	384	591	542	572	598	567	589	600	558	498	494	536	499	506	435	500	456	457	447
Diseases of Uterus and Vagina*†	900	743	701	647	669	683	700	680	678	614	617	648	648	675	723	734	688	710	745	682
Disorders of Menstruation* ..	104	84	98	98	91	94	73	63	85	84	81	87	77	63	71	76	91	73	74	65
Pelvic Abscess	62	62	115	106	99	175	154	158	164	165	155	159	135	101	64	61	55	63	59	58
Perineal Abscess	37	33	34	23	39	36	47	23	51	54	41	26	28	23	37	25	17	20	12	19
Dis. of Testes, Penis, Scrotum, &c.*	69	71	68	92	57	78	91	73	57	72	54	73	69	73	77	65	83	58	81	72
DISEASES OF PARTURITION.																				
Abortion, Miscarriage	107	82	168	169	83	96	104	107	80	88	88	185	228	255	161	160	180	215	191	187
Puerperal Mania	89	83	100	109	101	114	97	71	84	70	87	87	105	77	83	76	65	77	74	59
Puerperal Convulsions	382	381	391	407	329	352	412	335	336	362	313	296	373	333	376	350	325	358	314	386
Placenta Prævia, Flooding ..	703	721	763	743	794	762	852	774	738	763	726	700	778	806	803	780	710	701	694	660
Phlegmasia Dolens	69	68	76	77	85	112	114	82	71	71	57	60	96	83	71	90	78	70	62	60
Other and undefined Accidents } of Childbirth* .. .	526	498	442	455	500	443	450	430	401	420	462	971	1234	1284	1433	1152	1012	1087	1079	1015
DISEASES OF ORGANS OF LOCOMOTION.																				
Caries, Necrosis*	1006	973	991	1007	1127	1094	1102	1141	1055	1007	1072	1012	1023	981	942	934	898	859	876	787
Arthritis, Ostitis, Periostitis ..	166	154	161	170	209	152	229	224	184	246	213	256	254	263	294	277	286	263	272	255
Other and undefined Diseases } of Organs of Locomotion* ..	1590	1553	1258	1254	1375	1230	1182	1168	1295	1138	1111	1015	898	682	524	492	514	425	418	353
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle	248	235	184	161	187	154	180	164	172	151	160	161	175	169	149	118	146	145	159	157
Phlegmon, Cellulitis*	380	383	180	220	232	286	286	266	255	310	234	324	295	376	457	370	372	409	427	406
Lupus	77	68	63	64	72	74	63	73	75	80	70	69	78	78	57	62	68	66	54	53
Ulcer, Bedsore*	574	547	562	539	608	572	541	591	605	579	544	548	538	555	575	562	571	502	560	540
Eczema	308	330	311	376	359	406	395	410	351	372	388	394	429	418	460	386	405	380	373	397
Pemphigus	56	59	62	97	75	75	71	89	96	106	101	106	123	105	135	122	146	161	142	147
Other and undefined Diseases } of Integumentary System* ..	226	217	225	205	223	251	211	215	201	194	184	192	178	200	214	207	246	241	187	208

* 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, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis	45	43	42	42	46	44	45	43	44	51	48	57	62	63	64	63	68	68	73	73
Bright's Disease, Albuminuria..	200	188	196	208	233	233	240	248	246	246	248	254	259	250	256	251	272	260	265	272
Uræmia	16	17	17	18	17	18	17	18	15	17	17	17	18	17	17	14	14	13	14	14
Suppression of Urine	5	5	5	6	7	5	5	6	4	4	4	4	4	3	4	3	3	3	2	2
Calculus	9	9	9	10	9	8	8	9	9	9	8	9	8	8	8	8	8	7	9	9
Hæmaturia	6	6	6	7	6	6	6	5	5	5	4	4	5	3	3	3	3	2	2	3
Dis. of Bladder and of Prostate*	67	66	71	67	78	75	77	77	73	73	75	72	75	73	71	67	76	71	75	70
Other and undefined Diseases } of Urinary System* .. .	42	39	35	38	53	53	46	43	48	39	35	34	37	32	28	22	22	20	21	22
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease*	14	15	23	21	21	22	21	21	22	20	18	17	18	17	17	14	16	15	15	14
Diseases of Uterus and Vagina*†	35	29	27	25	25	25	26	25	24	22	22	23	22	23	25	24	23	23	24	22
Disorders of Menstruation* ..	4	3	4	4	3	3	3	2	3	3	3	3	3	2	2	3	3	2	2	2
Pelvic Abscess	2	2	4	4	4	7	6	6	6	6	5	6	5	3	2	2	2	2	2	2
Perineal Abscess	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	0	1
Dis. of Testes, Penis, Scrotum, &c.*	3	3	3	3	2	3	3	3	2	3	2	3	2	2	3	2	3	2	3	2
DISEASES OF PARTURITION.																				
Abortion, Miscarriage	4	3	6	6	3	4	4	4	3	3	3	6	8	9	5	5	6	7	6	6
Puerperal Mania	4	3	4	4	4	4	4	3	3	2	3	3	4	3	3	3	2	2	2	2
Puerperal Convulsions	15	15	15	15	12	13	15	12	12	13	11	10	13	11	13	12	11	12	10	12
Placenta Prævia, Flooding ..	28	28	29	28	30	28	31	28	27	27	26	24	27	27	27	26	23	23	22	21
Phlegmasia Dolens	3	3	3	3	3	4	4	3	3	3	2	2	3	3	3	3	3	2	2	2
Other and undefined Accidents } of Childbirth* .. .	21	19	17	17	19	16	17	16	14	15	16	34	42	44	48	38	33	35	35	32
DISEASES OF ORGANS OF LOCOMOTION.																				
Caries, Necrosis*	40	38	38	38	42	41	40	41	38	36	38	35	35	33	32	31	30	28	28	25
Arthritis, Ostitis, Periostitis ..	7	6	6	6	8	6	8	8	7	9	7	9	9	9	10	9	9	9	9	8
Other and undefined Diseases } of Organs of Locomotion* ..	63	60	48	48	52	46	43	42	47	40	39	35	31	23	18	16	17	14	13	11
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle	10	9	7	6	7	6	7	6	6	5	6	6	6	6	5	4	5	5	5	5
Phlegmon, Cellulitis*	15	15	7	8	9	11	11	10	9	11	8	11	10	13	15	12	12	13	14	13
Lupus	3	3	2	2	3	3	2	3	3	3	2	2	3	3	2	2	2	2	2	2
Ulcer, Bedsore*	23	21	22	20	23	21	20	21	22	21	19	19	19	19	19	19	19	16	18	17
Eczema	12	13	12	14	13	15	15	15	13	13	14	14	15	14	15	13	13	12	12	13
Pemphigus	2	2	2	4	3	3	3	3	3	4	4	4	4	4	5	4	5	5	5	5
Other and undefined Diseases } of Integumentary System* ..	9	8	9	8	8	9	8	8	7	7	6	7	6	7	7	7	8	8	6	7

* See note *, p. lxxiv.

TABLE 17 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries													920	945	1129	1122	1007	1043	936	860
Vehicles and Horses													2512	2474	2398	2400	2387	2428	2648	2625
Ships, Boats, and Docks (not Drowning)													150	177	216	219	255	262	265	295
Building Operations													151	167	195	199	203	219	241	239
Machinery													220	228	265	233	241	211	222	215
Weapons and Implements	15275	15187	15829	15350	15755	15312	14939	14860	15518	14908	15025	16263	234	248	233	151	126	136	133	116
Burns and Scalds													2250	2369	2351	2191	2852	2569	2501	2330
Poisons, Poisonous Vapours													544	514	597	588	598	619	691	620
Drowning													2708	2637	2747	2589	2797	2415	2724	2547
Suffocation													2264	2166	2140	2081	2319	2223	2188	2238
Falls													2583	2417	2499	2401	2553	2681	2853	2914
Weather Agencies													285	244	407	184	395	272	297	317
Otherwise or not stated													1867	1757	1947	1770	1810	1780	1818	1768
Homicide	310	310	365	363	322	326	309	311	352	301	290	286	315	300	337	298	315	301	292	307
Suicide	2035	1979	1955	1965	1962	2043	2007	2254	2234	2308	2170	2205	2483	2583	2599	2729	2797	2656	2792	2877
Execution	15	14	11	11	14	14	13	19	21	17	12	16	14	16	16	18	10	20	7	10
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy*	2357	2131	1882	1852	1848	866	418	336	325	319	257	271	271	248	210	190	183	142	140	187
Debility, Atrophy, Inanition*	25781	27886	22699	23318	24329	24937	22131	24146	21879	20741	21311	21434	21934	21303	22929	18281	22568	19745	20113	20355
Mortification*†	631	628	564	485	273	190	152	68	93	53	31	59	56	53	33	39	24	38	35	35
Tumour†	259	269	353	351	357	384	318	359	192	124	140	153	135	151	119	126	135	79	121	82
Abscess†	—	—	636	656	644	707	658	645	671	573	573	568	533	562	553	441	413	405	403	372
Hæmorrhage†	—	—	159	182	181	143	186	144	175	105	125	145	123	127	161	157	135	131	107	108
Sudden Deaths (Cause unascertained)	2656	2269	370	373	418	509	486	438	464	403	377	437	394	402	348	285	301	317	204	199
Other ill-defined and not specified Causes*	1329	1115	3562	3260	3778	3529	3288	3147	3166	2814	2652	2816	2694	2330	1922	1764	1990	1760	1931	1701

* 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, 1879-98.—Persons.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries													32	32	38	37	33	34	30	27
Vehicles and Horses													86	84	81	80	79	79	85	84
Ships, Boats, and Docks (not Drowning)													5	6	7	7	8	9	9	9
Building Operations													5	6	7	7	7	7	8	8
Machinery													8	8	9	8	8	7	7	7
Weapons and Implements	602	589	608	583	592	567	549	540	558	528	528	565	8	8	8	5	4	4	4	4
Burns and Scalds													77	80	79	73	94	83	81	74
Poisons, Poisonous Vapours													19	17	20	20	20	20	22	20
Drowning													93	89	92	86	92	78	88	81
Suffocation													78	73	72	69	76	72	70	71
Falls													89	82	84	80	84	86	92	93
Weather Agencies													10	8	14	6	13	9	10	10
Otherwise or not stated													64	60	65	59	60	58	59	56
Homicide	12	12	14	14	12	12	11	11	13	11	10	10	11	10	11	10	10	10	9	10
Suicide	80	77	75	75	74	76	74	82	80	82	76	77	85	88	87	91	92	86	90	92
Execution	1	1	0	0	1	1	0	1	1	1	0	1	0	0	1	1	0	1	0	0
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy*	93	83	72	70	69	32	15	12	12	11	9	9	9	8	7	6	6	5	5	6
Debility, Atrophy, Inanition*	1016	1081	871	885	914	924	813	877	786	735	749	745	754	722	771	608	743	641	648	648
Mortification*†	25	24	22	18	10	7	6	2	3	2	1	2	2	2	1	1	1	1	1	1
Tumour†	10	10	14	13	13	14	12	13	7	4	5	5	5	5	4	4	4	3	4	3
Abscess†	—	—	24	25	24	26	24	23	24	20	20	20	18	19	19	15	14	13	13	12
Hæmorrhage†	—	—	6	7	7	5	7	5	6	4	4	5	4	4	5	4	4	4	3	3
Sudden Deaths (Cause unascertained)	105	88	14	14	16	19	18	16	17	14	13	15	14	14	12	9	10	10	7	6
Other ill-defined and not specified Causes*	51	38	139	128	146	134	122	115	109	99	93	97	92	79	64	63	67	62	67	58

* See note *, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 19.—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	
ALL CAUSES	271496	273442	253605	265767	269262	273522	268305	275874	272137	263294	266102	290448	302494	286062	291889	256015	290704	270575	280211	283981	
MIASMATIC DISEASES.																					
Small-pox* { Vaccinated	283	339	360	103	44	286	343	18	23	55	2	4	2	32	99	80	24	27	5	62	
{ Unvaccinated			588	188	95	340	433	21	57	159	1	—	8	8	59	140	84	33	62	3	35
{ No Statement			725	467	400	597	841	145	225	400	12	8	18	186	643	301	67	196	9	44	44
Chicken-pox	44	66	57	64	55	72	51	56	49	64	37	55	53	70	71	66	42	88	57	67	
Measles†	4678	6312	3693	6628	4872	5831	7396	6090	8657	5096	7716	6516	6509	6907	5771	6107	5858	3993	6533	6783	
Epidemic Rose Rash†	—	—	28	54	52	41	62	57	90	63	83	38	24	41	19	30	14	31	18	22	
Scarlet Fever	9148	8841	7145	6904	6449	5504	3210	2999	3899	3218	3353	3481	2495	2799	3430	2452	2238	2749	2296	1808	
Typhus*	304	265	280	499	475	157	186	140	110	87	78	80	74	48	71	58	28	36	26	27	
Relapsing Fever	10	9	6	4	7	6	5	3	3	4	1	2	4	7	2	4	2	2	1	1	
Influenza	121	85	50	43	47	37	66	42	41	49	29	2415	8621	7673	4808	3233	6173	1912	3085	5010	
Whooping-cough	5804	6084	4798	6898	4855	5188	5819	5894	4928	5578	5622	6166	6051	6005	4515	5547	4275	5859	5234	4495	
Mumps	35	48	52	47	50	34	59	47	47	47	50	39	40	44	49	35	26	41	40	31	
Diphtheria	1425	1273	1512	1867	1979	2345	2129	1918	2116	2264	2446	2469	2365	3156	4652	4198	3851	4436	3764	3724	
Cerebro-spinal Fever	28	22	14	23	25	15	15	22	17	9	12	25	10	13	10	7	9	8	4	7	
Simple and Ill-defined Fever*†	734	750	574	496	464	358	305	282	255	208	182	172	146	121	128	103	77	82	50	63	
Enteric Fever†	2920	3286	2797	3173	3120	3295	2496	2671	2671	2624	2598	2769	2603	2194	3611	2701	2870	2935	2681	3205	
Other Miasmatic Diseases*	3	2	—	2	2	1	2	1	1	—	1	3	12	15	7	5	12	17	23	24	
DIARRHOEAL DISEASES.																					
Cholera	122	457	174	201	221	467	164	288	257	109	175	239	175	265	767	137	469	336	539	614	
Diarrhoea, Dysentery	6003	15879	7676	8967	8213	13672	7069	12936	10725	6757	9733	9098	7185	7851	14853	5502	13936	8875	13705	15148	
MALARIAL DISEASES.																					
Remittent Fever†	89	44	119	122	88	98	71	63	47	39	40	29	21	17	16	7	18	12	4	8	
Ague	53	52	62	61	49	67	57	54	69	52	52	59	59	61	48	56	56	66	98	60	
ZOOGENOUS DISEASES.																					
Hydrophobia	29	24	24	24	31	21	43	24	27	10	22	4	6	5	3	11	17	7	6	1	
Glanders	5	3	4	3	2	1	5	4	5	2	7	3	4	4	6	1	3	1	6	4	
Anthrax, Splenic Fever	6	15	8	10	5	13	7	8	10	11	6	3	1	5	6	7	11	8	16	16	
Cow-pox and other Effects of Vaccination*	16	21	25	33	31	28	28	19	25	20	27	22	21	30	34	26	29	23	21	9	
VENEREAL DISEASES.																					
Syphilis*	1056	1127	1099	1158	1180	1174	1161	1168	1095	984	1069	1049	1042	1108	1190	1066	1126	980	1046	1007	
Gonorrhoea, Stricture of Urethra	283	281	237	249	255	287	254	292	286	276	273	272	333	299	291	316	321	343	368	326	
SEPTIC DISEASES.																					
Phagedæna*†	—	—	31	32	29	23	28	21	19	35	20	25	28	24	35	20	34	20	16	25	
Erysipelas*	990	1043	1247	1280	1164	1139	1058	804	919	860	595	707	644	767	1025	706	564	570	501	516	
Pyæmia, Septicæmia	330	322	357	293	284	290	240	200	202	200	166	183	166	168	193	154	164	188	160	134	
Puerperal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

* See note *, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 20.—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	
ALL CAUSES	21974	21786	20011	20749	20801	20850	20292	20644	20150	19237	19290	20833	21466	20023	20262	17577	19746	18129	18622	18667	
MIASMATIC DISEASES.																					
Small-pox* { Vaccinated	23	27	28	8	3	22	26	1	2	4	0	0	0	2	7	5	2	2	0	4	
{ Unvaccinated			46	15	7	26	33	2	4	12	0	0	0	1	4	10	6	2	4	0	2
{ No Statement			57	36	31	46	64	11	17	29	1	1	1	1	12	45	21	5	13	1	3
Chicken-pox	4	5	4	5	4	5	4	4	4	5	3	4	4	5	5	5	3	6	4	4	
Measles†	379	503	291	517	376	444	559	456	641	372	559	467	462	483	401	419	398	603	434	446	
Epidemic Rose Rash†	—	—	2	4	4	3	5	4	7	5	6	3	2	3	1	2	1	2	1	1	
Scarlet Fever	741	704	564	539	498	420	243	224	289	235	243	250	177	196	238	168	152	184	153	119	
Typhus*	25	21	22	39	37	12	14	10	8	6	6	6	5	3	5	4	2	2	2	2	
Relapsing Fever	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Influenza	10	7	4	3	4	3	5	3	3	4	2	173	612	538	334	222	419	128	205	329	
Whooping-cough	470	485	379	539	375	395	440	441	365	408	408	442	429	420	313	381	290	393	348	295	
Mumps	3	4	4	4	4	3	4	4	3	3	4	3	3	3	3	2	2	3	3	2	
Diphtheria	115	101	119	146	153	179	161	144	157	165	177	177	168	221	323	288	262	297	250	245	
Cerebro-spinal Fever	2	2	1	2	2	1	1	1	1	1	1	2	1	1	1	0	1	1	0	0	
Simple and Ill-defined Fever*†	59	60	45	39	36	27	23	21	19	15	13	12	10	8	9	7	5	5	3	5	
Enteric Fever†	236	262	221	248	241	251	189	200	198	192	188	199	185	154	251	185	195	197	178	211	
Other Miasmatic Diseases*	0	0	—	0	0	0	0	0	0	—	0	0	1	1	0	0	1	1	2	2	
DIARRHOEAL DISEASES.																					
Cholera	10	36	14	16	17	36	12	22	19	8	13	17	12	19	53	9	32	23	36	40	
Diarrhoea, Dysentery	486	1265	606	700	635	1042	535	968	794	494	706	653	510	549	1031	378	947	595	911	996	
MALARIAL DISEASES.																					
Remittent Fever†	7	4	9	10	7	7	5	5	3	3	3	2	1	1	1	0	1	1	0	1	
Ague	4	4	5	5	4	5	4	4	5	4	4	4	4	4	3	4	4	4	7	4	
ZOOGENOUS DISEASES.																					
Hydrophobia	2	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	0	1	0	0	0	0	0	0	0	0	0	
Anthrax, Splenic Fever	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	
Cow-pox and other Effects of Vaccination*	1	2	2	3	2	2	2	1	2	1	2	2	1	2	2	2	2	2	1	1	
VENEREAL DISEASES.																					
Syphilis*	86	90	87	90	91	89	88	87	81	72	77	75	74	78	83	73	76	66	70	66	
Gonorrhoea, Stricture of Urethra	23	22	19	19	20	22	19	22	21	20	20	20	24	21	20	22	22	23	24	21	
SEPTIC DISEASES.																					
Phagedæna*†	—	—	2	2	2	2	2	2	1	3	1	2									

TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
PARASITIC DISEASES.																				
Thrush..	491	702	409	404	441	458	387	427	366	290	307	308	300	249	213	177	217	184	137	157
Other Diseases from Vegetable Parasites*	9	4	3	9	4	2	2	3	4	5	2	2	2	1	8	3	4	4	11	7
Hydatid Disease	22	21	23	36	25	30	21	24	23	25	19	24	20	21	23	32	26	28	29	23
Other Dis. from Animal Parasites*	78	91	79	75	66	56	36	48	52	44	40	36	34	36	33	21	25	20	21	13
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	319	386	264	266	263	162	153	132	168	162	176	166	183	184	222	163	160	186	203	198
Scurvy†	—	—	15	10	6	4	10	13	17	13	12	14	10	13	14	12	20	9	20	17
Intemp. { Chronic Alcoholism..	389	407	500	604	550	537	552	586	631	653	691	902	857	859	927	795	920	1019	1101	1135
{ Delirium Tremens ..	225	230	322	278	336	306	340	297	283	276	307	406	470	372	407	314	317	345	359	365
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheumatism of Heart*	696	984	1262	1374	1239	1381	1493	1282	1320	1365	1132	1215	1278	1306	1546	1280	1102	1317	1266	1195
Rheumatism*†	1032	729	499	410	471	418	418	382	430	427	415	377	494	454	408	359	368	348	395	405
Gout†	515	482	411	423	406	423	465	423	444	438	438	479	521	487	482	428	494	461	462	421
Rickets..	267	295	261	261	290	325	346	457	378	501	532	653	714	728	710	713	950	689	797	803
Cancer*†	4149	4423	4611	4685	4967	5346	5495	5754	6262	6284	6891	7137	7294	7547	7908	8077	8628	9216	9573	9932
Tabes Mesenterica ..	4059	5052	3965	4455	4093	4448	3674	4416	3773	3659	4025	4113	3897	3753	4116	3005	3910	3198	3355	3344
Tubercular Meningitis (Acute)	4742	4858	4116	3970	3907	3993	3788	3953	3674	3722	3650	3823	3992	3734	3663	3385	3691	3483	3522	3608
Hydrocephalus†	26423	24331	24339	24934	25466	25276	24796	25042	23337	23505	23711	26049	25090	23223	23600	22755	23027	22166	23046	23037
Other Forms of Tuberculosis, Scrofula*	1548	1779	1980	2124	2189	2363	2262	2605	2673	2534	2725	2870	3123	3025	2926	2993	3294	2984	2939	3109
Purpura, Hæmorrhagic Diathesis*†	173	169	180	190	180	185	157	189	165	150	199	155	211	172	190	188	191	177	164	186
Anæmia, Chlorosis, Leucocythæmia*	302	405	367	432	394	370	414	458	474	518	531	471	558	583	553	629	668	691	699	717
Diabetes Mellitus ..	645	624	769	733	838	886	896	978	1019	1070	980	1076	1082	1142	1169	1166	1262	1243	1303	1437
Other and undefined Constitutional Diseases*†..	2	1	197	185	181	200	205	206	232	241	198	224	251	234	268	237	284	275	270	307
DEVELOPMENTAL DISEASES.																				
Premature Birth ..	6755	6851	6714	6895	7314	7340	7330	7614	7906	7943	8109	8489	9125	9344	9673	8990	9858	9739	10020	10393
Atelectasis†	—	—	339	399	356	320	382	394	416	455	445	434	547	544	593	562	599	717	616	662
Cyanosis ..	517	570	506	525	522	570	590	604	520	493	549	530	551	584	566	655	593	603	630	635
Spina Bifida ..	271	288	254	296	272	283	267	295	309	255	276	260	290	302	292	278	282	313	304	323
Imperforate Anus ..	129	141	144	143	144	190	118	129	130	130	124	117	137	126	122	131	99	104	106	139
Cleft Palate, Harelip ..	112	100	111	108	119	125	110	110	113	98	112	105	125	115	115	114	127	120	126	123
Other Congenital Defects*	155	127	153	144	111	132	167	168	177	167	169	222	202	205	299	283	233	245	260	250
Old Age ..	13072	11408	11704	11218	12060	11714	12143	12290	11648	11732	11275	12059	12487	11813	11188	10414	12845	11130	12260	12148

* 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, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
PARASITIC DISEASES.																				
Thrush..	40	56	32	32	34	35	29	32	27	21	22	22	21	17	15	12	15	12	9	10
Other Diseases from Vegetable Parasites*	1	0	0	1	3	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Hydatid Disease	2	2	2	3	2	2	2	2	2	2	1	2	1	1	2	2	2	2	2	2
Other Diseases from Animal Parasites*	6	7	6	6	5	4	3	4	4	3	3	3	2	3	2	1	2	1	1	1
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	26	31	21	21	20	12	12	10	12	12	13	12	13	13	15	11	11	12	13	13
Scurvy†	—	—	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Intemp. { Chronic Alcoholism..	31	32	39	47	42	41	42	44	47	48	50	65	61	60	64	55	62	68	73	75
{ Delirium Tremens ..	18	18	25	22	26	23	26	22	21	20	22	29	33	26	28	22	22	23	24	24
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheumatism of Heart*	56	78	100	107	96	105	113	96	98	100	82	87	91	91	107	88	75	88	84	79
Rheumatism*†	84	58	39	32	36	32	32	29	32	31	30	27	35	32	28	25	25	23	26	27
Gout†	42	38	32	33	31	32	35	32	33	32	32	34	37	34	33	29	34	31	31	28
Rickets..	22	24	21	20	22	25	26	34	28	36	39	47	51	51	49	49	65	46	53	53
Cancer*†	336	352	364	366	384	408	416	431	464	459	500	512	518	528	550	555	586	618	636	653
Tabes Mesenterica ..	329	403	313	348	316	339	278	330	279	267	292	295	277	263	286	206	266	214	223	220
Tubercular Meningitis (Acute)	384	387	325	310	302	304	287	296	272	272	265	274	283	261	254	232	251	233	234	237
Hydrocephalus†	2140	1939	1920	1947	1967	1927	1875	1874	1728	1717	1719	1868	1781	1626	1639	1562	1564	1485	1532	1514
Other Forms of Tuberculosis, Scrofula*	125	142	156	166	169	180	171	195	198	185	198	206	222	212	203	205	224	200	195	204
Purpura, Hæmorrhagic Diathesis*†	14	13	14	15	14	14	12	14	12	11	14	11	15	12	13	13	13	12	11	12
Anæmia, Chlorosis, Leucocythæmia*	24	32	29	34	30	28	31	34	35	38	38	34	40	41	38	43	45	46	46	47
Diabetes Mellitus ..	52	50	61	57	65	68	68	73	75	78	71	77	77	80	81	80	86	83	87	94
Other and undefined Constitutional Diseases*†..	0	0	16	14	14	15	16	15	17	18	14	16	18	16	19	16	19	18	18	20
DEVELOPMENTAL DISEASES.																				
Premature Birth ..	547	546	530	538	565	560	554	570	585	580	588	609	648	654	671	617	670	653	666	683
Atelectasis†	—	—	27	31	28	24	29	29	31	33	32	31	39	38	41	39	41	48	41	44
Cyanosis ..	42	45	40	41	40	43	45	45	39	36	40	38	39	41	39	45	40	40	42	42
Spina Bifida ..	22	23	20	23	21	22	20	22	23	19	20	19	21	21	20	19	19	21	20	21
Imperforate Anus ..	10	11	11	11	11	14	9	10	10	10	9	8	10	9	8	9	7	7	7	9
Cleft Palate, Harelip ..	9	8	9	8	9	10	8	8	8	7	8	8	9	8	8	8	9	8	8	8
Other Congenital Defects*	13	10	12	11	9	10	13	13	13	12	12	16	14	14	21	19	16	16	17	16
Old Age ..	1057	909	924	876	932	893	918	920	862	857	817	865	886	827	778	715	873	746	815	799

* See note *, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF NERVOUS SYSTEM.																				
Inflammation of Brain or its Membranes*†	3789	4304	3943	4345	4668	4737	4627	4969	4848	4664	4579	4962	4574	4172	4265	3594	4020	3900	4026	4035
Apoplexy†	6904	6873	6204	6307	6804	6843	7140	7612	7399	7394	7279	7819	8234	7829	7775	7372	7902	7811	8171	8206
Softening of Brain	2002	1877	1827	1878	1786	1831	1893	1975	1896	1816	1804	1909	1757	1730	1624	1417	1460	1372	1309	1345
Hemiplegia, Brain Paralysis*†	6339	6034	4739	4719	4745	4398	4265	4331	4324	4027	3934	4050	3881	3630	3472	2963	3332	2941	3000	2877
Paralysis Agitans*	76	82	87	81	92	91	122	118	96	113	113	137	165	128	167	143	156	153	140	187
Insanity, General Paralysis of Insane†	804	811	1523	1497	1754	1706	1585	1439	1443	1568	1742	1630	1671	1638	1757	1893	2290	2137	2264	2278
Chorea	24	22	28	28	19	34	40	33	28	25	26	36	32	39	30	35	40	33	33	38
Epilepsy*	1555	1421	1380	1371	1663	1642	1678	1665	1504	1484	1494	1553	1563	1458	1446	1302	1439	1308	1336	1347
Convulsions	13639	13253	12522	12847	12803	13010	12462	12892	12169	11639	12197	12091	12726	11705	11579	10245	11536	10234	10445	10304
Laryngismus Stridulus	610	480	441	449	526	479	478	448	430	490	441	411	515	450	351	310	362	312	319	330
Idiopathic Tetanus	20	25	48	37	41	29	31	41	29	36	34	32	29	37	22	21	22	22	15	17
Paraplegia, Dis. of Spinal Cord*†	399	427	805	904	866	864	965	1077	1067	1073	1096	1142	1227	1195	1196	1230	1320	1221	1291	1293
Other and undefined Diseases of Brain or Nervous System*†	1785	1567	2089	2400	2548	2398	2418	2375	2390	2422	2112	1746	1748	1618	1709	1437	1548	1455	1385	1248
DISEASES OF ORGANS OF SPECIAL SENSE.																				
Otitis, Otorrhœa	137	167	203	255	175	228	222	214	224	298	305	336	316	349	447	389	494	456	511	486
Epistaxis and Dis. of Nose	23	44	38	41	46	36	40	45	39	52	39	43	47	50	50	44	35	51	48	42
Ophthalmia and Dis. of Eye	22	33	30	33	26	30	32	36	40	43	42	37	21	32	38	33	39	30	42	32
DISEASES OF CIRCULATORY SYSTEM.																				
Endocarditis, Valvular Disease*†	106	137	2589	2614	2818	2912	3058	3318	3438	3602	3584	3851	4232	3991	4243	4400	4659	4759	5078	5122
Pericarditis*	280	260	209	216	249	233	255	248	287	340	255	362	363	346	379	355	279	266	349	318
Hypertrophy of Heart	243	265	193	164	206	212	208	191	158	186	161	153	193	172	145	120	137	126	113	104
Angina Pectoris	294	336	314	327	334	386	361	376	362	430	422	420	455	424	402	403	448	449	481	419
Syncope	1047	1100	536	616	575	763	650	744	786	817	939	1237	1355	941	848	864	1001	908	954	826
Aneurism	610	649	606	600	591	643	637	680	585	602	629	659	565	630	657	660	654	642	688	707
Senile Gangrene	445	376	434	432	684	708	759	817	801	843	813	793	851	805	708	681	730	618	681	677
Embolism, Thrombosis	187	211	233	234	203	276	285	325	351	371	407	389	472	404	455	436	532	531	510	534
Phlebitis	49	54	56	54	58	49	67	51	87	51	56	60	65	65	71	49	51	67	58	58
Varicose Veins*	27	33	20	38	27	29	26	34	33	41	33	35	35	32	33	35	28	31	32	33
Other and undefined Diseases of Heart or Circulatory System*†	15180	14037	12135	11976	13054	13284	14264	14760	15046	15574	15323	16213	16412	15916	15144	14540	15648	14676	15366	15233

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 20 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF NERVOUS SYSTEM.																				
Inflammation of Brain or its Membranes*†	307	343	311	339	361	361	350	372	359	341	332	356	325	292	296	247	273	261	268	265
Apoplexy†	559	548	490	492	526	522	540	570	548	540	528	561	584	548	540	506	537	523	543	539
Softening of Brain	162	150	144	147	138	140	143	148	140	133	131	137	125	121	113	97	99	92	87	88
Hemiplegia, Brain Paralysis*†	513	481	374	368	367	335	323	324	320	294	285	291	275	254	241	203	226	197	199	189
Paralysis Agitans*	6	7	7	6	7	7	9	9	7	8	8	10	12	9	12	10	11	10	9	12
Insanity, General Paralysis of Insane†	65	65	120	117	136	130	120	108	107	115	126	117	119	115	122	130	156	143	150	150
Chorea	2	2	2	2	1	3	3	2	2	2	2	2	3	2	3	2	2	3	2	2
Epilepsy*	126	113	109	107	128	125	127	125	111	108	111	111	111	102	100	89	98	88	89	89
Convulsions	1104	1056	988	1003	991	992	943	965	901	851	884	867	903	820	804	703	784	686	694	677
Laryngismus Stridulus	49	38	35	35	41	37	36	34	32	36	32	29	37	31	24	21	25	21	21	22
Idiopathic Tetanus	2	2	4	3	3	2	2	3	2	3	2	2	2	3	2	2	1	1	1	1
Paraplegia, Dis. of Spinal Cord*†	32	34	64	71	67	66	73	81	79	78	79	82	87	84	83	84	90	82	86	85
Other and undefined Diseases of Brain or Nervous System*†	145	125	165	187	197	183	183	178	177	177	153	125	124	113	119	99	105	97	92	82
DISEASES OF ORGANS OF SPECIAL SENSE.																				
Otitis, Otorrhœa	11	13	16	20	14	17	17	16	17	22	22	24	22	24	31	27	34	31	34	32
Epistaxis and Dis. of Nose	2	4	3	3	4	3	3	3	3	4	3	3	3	3	3	3	2	3	3	3
Ophthalmia and Dis. of Eye	2	3	2	3	2	2	2	3	3	3	3	3	1	2	3	2	3	2	3	2
DISEASES OF CIRCULATORY SYSTEM.																				
Endocarditis, Valvular Disease*†	9	11	204	204	218	222	231	248	255	263	260	276	300	280	295	302	316	319	337	337
Pericarditis*	23	21	16	17	19	18	19	19	21	25	18	26	26	24	26	24	19	20	23	21
Hypertrophy of Heart	20	21	15	13	16	16	16	14	12	14	12	11	14	12	10	8	9	8	8	7
Angina Pectoris	24	27	25	26	26	29	27	28	27	31	31	30	32	30	28	28	30	30	32	28
Syncope	85	88	42	48	44	58	49	56	58	60	68	89	96	66	59	59	68	61	63	54
Aneurism	49	52	48	47	46	49	48	51	43	44	46	47	40	44	46	45	44	43	46	46
Senile Gangrene	36	30	34	34	53	54	57	61	59	62	59	57	60	56	49	47	50	41	45	44
Embolism, Thrombosis	15	17	18	18	16	21	22	24	26	27	30	28	33	28	32	30	36	36	34	35
Phlebitis	4	4	4	4	4	4	5	4	6	4	4	4	5	5	5	3	3	4	4	4
Varicose Veins*	2	3	2	3	2	2	2	3	2	3	2	3	2	2	2	2	2	2	2	2
Other and undefined Diseases of Heart or Circulatory System*†	1229	1118	958	935	1008	1013	1079	1105	1114	1138	1111	1163	1165	1114	1051	998	1063	983	1021	1005

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF RESPIRATORY SYSTEM.																				
Laryngitis*	614	596	640	784	814	900	860	748	840	860	774	838	765	766	884	758	742	803	694	677
Croup	1932	1905	1896	2444	2464	2582	2278	2007	2092	1971	1728	1760	1392	1217	1153	939	891	834	598	469
Other Dis. of Larynx and Trachea* .. .	39	35	123	129	114	139	93	103	104	114	111	102	80	102	87	79	59	79	72	80
Empysema, Asthma	1674	1288	1595	1454	1620	1412	1505	1434	1449	1386	1360	1507	1752	1672	1406	1263	1553	1287	1385	1392
Bronchitis	35595	29617	28374	29318	29868	27445	30782	30481	29333	29105	27850	33686	37802	33071	27735	24656	29274	23569	23306	22970
Pneumonia	15721	14606	13805	14990	16382	15187	16992	16693	17817	18115	16643	24138	25332	21231	22103	18605	20327	20330	20163	20134
Pleurisy	777	790	785	741	931	826	938	869	935	931	793	1158	1213	1033	1101	879	880	918	905	861
Other and undefined Diseases of Respiratory System*† .. .	3274	3028	2351	2544	2674	2676	2918	2821	2834	2515	2251	2660	2880	2490	2311	2028	2401	2108	2144	1958
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis (Dis. of Mouth)*† .. .	184	243	186	215	223	286	229	277	252	233	320	246	220	241	349	271	334	259	246	292
Dentition	2392	2253	2478	2631	2650	2727	2588	2696	2339	2404	2410	2462	2554	2351	2197	1959	2313	1976	2072	1904
Sore-throat, Quinsy*	185	210	300	311	420	373	345	317	350	301	294	336	346	315	376	289	286	320	259	291
Dyspepsia*	174	195	188	234	237	229	216	254	233	238	256	241	255	309	322	292	202	114	107	73
Hæmatemesis	228	203	208	207	242	235	217	170	201	190	212	196	167	145	156	132	150	152	163	148
Melæna	76	70	68	70	86	90	98	107	93	67	71	69	76	74	70	53	63	67	77	60
Diseases of Stomach*†	413	447	1203	1180	1142	1283	1310	1563	1550	1537	1580	1696	1732	1727	2063	1883	2134	2048	2252	2344
Enteritis*	1187	1521	1351	1524	1417	1619	1503	2022	1803	1872	2328	2587	2653	2906	4592	3111	5639	5091	7032	8483
Ulceration of Intestine†	561	576	210	211	310	316	305	284	198	179	220	150	172	175	163	168	178	199	183	193
Ileus, Obstruction of Intestine .. .	868	887	893	915	853	904	940	936	904	987	937	988	957	910	1010	959	1022	1048	1093	1066
Stricture or Strangulation of Intestine†	250	220	106	114	120	102	131	113	98	95	90	80	104	92	82	89	77	62	90	80
Intussusception of Intestine .. .	233	297	225	213	241	263	236	253	241	260	274	223	270	213	247	243	279	223	242	235
Hernia	546	572	563	594	557	546	592	608	599	596	639	582	599	608	676	621	626	586	627	617
Fistula	80	72	47	53	89	90	76	83	86	69	61	54	50	48	32	43	40	44	34	42
Peritonitis	834	938	870	949	1005	1098	1107	1079	1165	1206	1118	1162	1163	1089	1181	966	1060	1020	992	1016
Ascites	153	173	149	149	168	129	115	102	94	74	87	82	79	47	63	54	52	58	47	52
Gallstones	52	61	75	75	65	67	52	62	111	86	95	105	86	98	104	151	145	133	120	138
Cirrhosis of Liver	1597	1561	1694	1724	1826	1852	1847	1974	1886	1908	1926	2002	2089	2029	2007	1983	1962	2092	2283	2318
Other Diseases of Liver*	3456	3314	3090	3056	2876	2968	2867	2819	2630	2515	2341	2236	2213	1973	2055	1675	1726	1653	1581	1526
Other and undefined Diseases of Digestive System*† .. .	913	905	575	612	540	386	277	288	291	456	376	448	392	332	393	331	270	272	274	211
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.																				
Diseases of Spleen	66	69	59	60	71	47	69	72	56	60	72	49	48	47	49	34	31	25	35	26
Diseases of Lymphatic System* .. .	32	24	128	121	74	95	138	143	116	126	126	145	146	167	149	166	179	166	168	211
Diseases of Thyroid Body	13	13	21	26	9	25	14	23	29	28	26	32	31	34	24	29	30	34	40	40
Diseases of Supra-Renal Capsules .. .	60	62	52	59	70	50	68	101	80	71	61	97	55	72	69	79	74	85	76	92

* 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, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF RESPIRATORY SYSTEM.																				
Laryngitis*	50	47	50	61	63	69	65	56	62	63	56	60	54	54	61	52	50	54	46	44
Croup	156	152	150	191	190	197	172	150	155	144	125	126	99	85	80	52	61	56	40	31
Other Diseases of Larynx and Trachea* .. .	3	3	10	10	9	11	7	8	8	8	7	6	6	7	6	5	4	5	5	5
Empysema, Asthma	136	103	126	114	125	108	114	107	107	101	99	108	124	117	98	87	105	86	92	91
Bronchitis	2882	2360	2239	2289	2307	2092	2328	2281	2172	2127	2019	2416	2683	2315	1926	1693	1988	1579	1549	1510
Pneumonia	1273	1164	1089	1170	1266	1158	1285	1204	1319	1324	1206	1731	1798	1486	1534	1277	1381	1362	1340	1323
Pleurisy	63	63	62	58	72	63	71	65	69	68	57	83	86	72	76	60	60	62	60	57
Other and undefined Diseases of Respiratory System*† .. .	265	241	186	199	207	204	221	211	210	184	163	191	204	174	160	139	163	141	142	129
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis (Dis. of Mouth)*† .. .	15	19	15	17	17	22	17	21	19	17	23	18	16	17	24	19	23	17	16	19
Dentition	194	180	196	206	205	208	196	202	173	176	175	177	181	165	153	134	157	132	138	125
Sore-throat, Quinsy*	15	17	24	24	32	28	26	24	26	22	21	24	25	22	26	20	19	21	17	19
Dyspepsia*	14	16	15	18	18	17	16	19	17	17	19	17	18	22	22	20	14	8	7	5
Hæmatemesis	18	16	16	16	19	18	16	13	15	14	15	14	12	10	11	9	10	10	11	10
Melæna	6	6	5	5	7	7	7	8	7	5	5	5	5	5	5	4	4	4	5	4
Diseases of Stomach*†	33	36	95	92	88	98	99	117	115	112	115	122	123	121	143	129	145	137	150	154
Enteritis*	96	121	107	119	109	123	114	151	134	137	169	186	188	204	320	214	383	341	467	558
Ulceration of Intestine†	45	46	16	16	24	24	23	21	15	13	16	11	12	12	11	12	12	13	12	13
Ileus, Obstruction of Intestine .. .	70	71	70	71	66	69	71	70	67	72	68	71	68	64	70	66	69	70	73	70
Stricture or Strangulation of Intestine†	20	18	8	9	9	8	10	8	7	7	7	6	7	6	6	6	5	4	6	5
Intussusception of Intestine .. .	19	24	18	17	19	20	18	19	18	19	20	16	19	15	17	17	19	15	16	15
Hernia	44	40	44	46	43	42	45	45	44	44	46	42	43	43	47	43	43	39	42	41
Fistula	6	6	4	4	7	7	6	6	6	5	4	4	4	3	2	3	3	3	2	3
Peritonitis	68	75	69	74	78	84	84	81	86	88	81	83	83	76	82	66	72	68	66	67
Ascites	12	14	12	12	13	10	9	8	7	5	6	6	6	3	4	4	4	4	3	3
Gallstones	4	5	6	6	5	5	4	5	8	6	7	8	6	7	7	10	10	9	8	9
Cirrhosis of Liver	129	124	134	135	141	141	140	148	140	139	140	144	148	142	139	136	133	140	152	152
Other Diseases of Liver*	280	264	244	239	222	226</														

TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis	658	656	637	619	681	674	687	653	703	845	755	874	1044	1090	1102	1052	1152	1105	1266	1268
Bright's Disease, Albuminuria..	2845	2737	2838	3062	3386	3449	3554	3709	3762	3761	3854	4049	4067	3993	4126	4107	4379	4324	4451	4568
Uræmia	243	248	243	256	237	268	258	258	232	246	249	267	285	258	279	207	224	205	213	243
Suppression of Urine	91	86	85	94	102	89	93	97	72	80	75	74	64	63	67	59	52	46	49	36
Calculus	198	194	186	202	197	180	165	213	206	204	183	205	176	164	186	192	176	170	211	197
Hæmaturia	122	125	111	131	107	111	117	104	98	99	80	95	99	76	70	71	69	64	48	61
Diseases of Bladder and of Prostate*	1532	1516	1636	1576	1856	1819	1888	1855	1821	1852	1892	1847	1951	1907	1881	1763	2044	1963	2116	1995
Other and undefined Diseases of Urinary System*	654	618	573	654	856	880	782	751	797	683	646	626	657	576	555	408	427	389	403	435
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Uterus and Vagina*†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Disorders of Menstruation* ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pelvic Abscess	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perineal Abscess	30	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.*	69	71	68	92	57	78	91	73	57	72	54	73	69	73	77	65	83	58	81	72
DISEASES OF PARTURITION.																				
Abortion, Miscarriage	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Mania	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Convulsions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Placenta Prævia, Flooding ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phlegmasia Dolens	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other and undefined Accidents of Childbirth*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DISEASES OF ORGANS OF LOCOMOTION.																				
Caries, Necrosis*	600	594	595	588	709	642	663	687	609	584	623	600	555	576	518	531	498	470	527	448
Arthritis, Ostitis, Periostitis ..	104	95	97	104	115	82	124	123	110	144	126	140	137	150	149	163	167	151	171	153
Other and undefined Diseases of Organs of Locomotion* ..	896	859	695	676	761	672	664	623	719	649	615	554	497	327	264	246	246	217	203	170
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle	165	162	116	113	129	104	116	116	120	110	99	102	119	102	94	78	99	88	100	100
Phlegmon, Cellulitis*	213	230	112	121	126	170	181	156	141	165	139	180	178	226	249	225	203	217	253	231
Lupus	29	29	21	29	30	29	27	19	20	27	23	29	18	25	19	24	14	21	16	16
Ulcer, Bedsore*	213	208	236	207	228	213	205	202	231	208	195	196	173	177	216	194	199	194	181	174
Eczema	183	190	183	221	215	242	243	227	192	226	226	240	249	230	255	238	217	217	226	220
Pemphigus	27	27	34	47	41	32	37	54	64	60	40	57	64	61	68	64	78	82	69	78
Other and undefined Diseases of Integumentary System* ..	116	115	118	99	108	135	110	99	95	106	76	83	84	100	102	89	128	125	104	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, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis	53	52	50	48	53	51	52	49	52	62	55	63	74	77	76	72	78	74	84	83
Bright's Disease, Albuminuria..	230	218	224	239	262	263	269	278	279	275	279	290	289	280	286	282	297	290	296	300
Uræmia	20	20	19	20	18	20	20	19	17	18	18	19	20	18	19	14	15	14	14	16
Suppression of Urine	7	7	7	7	8	7	7	7	5	6	5	5	5	4	5	4	4	3	3	2
Calculus	16	15	15	16	15	14	12	16	15	15	13	15	12	11	13	13	12	11	14	13
Hæmaturia	10	10	9	10	8	8	9	8	7	7	6	7	7	5	5	5	5	4	3	4
Dis. of Bladder and of Prostate* ..	124	121	129	123	143	139	143	139	135	135	137	132	138	134	131	121	139	132	141	131
Other and undefined Diseases of Urinary System*	53	49	45	51	66	67	59	56	59	50	47	45	47	40	39	28	29	26	27	29
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of Uterus and Vagina*†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Disorders of Menstruation* ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pelvic Abscess	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Perineal Abscess	2	2	3	2	3	3	3	2	3	3	2	2	2	2	3	2	1	1	1	1
Dis. of Testes, Penis, Scrotum, &c.*	6	6	5	7	4	6	7	5	4	5	4	5	5	5	5	4	6	4	5	5
DISEASES OF PARTURITION.																				
Abortion, Miscarriage	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Mania	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Convulsions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Placenta Prævia, Flooding ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Phlegmasia Dolens	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other and undefined Accidents of Childbirth*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DISEASES OF ORGANS OF LOCOMOTION.																				
Caries, Necrosis*	49	47	47	46	55	49	50	51	45	43	45	43	39	40	36	36	34	31	35	29
Arthritis, Ostitis, Periostitis ..	8	8	8	8	9	6	9	9	8	11	9	10	10	11	10	11	11	10	11	10
Other and undefined Diseases of Organs of Locomotion* ..	73	68	55	53	59	51	50	47	53	47	45	40	35	23	18	17	17	15	13	11
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle	13	13	9	9	10	8	9	9	9	8	7	7	8	7	7	5	7	6	7	7
Phlegmon, Cellulitis*	17	18	9	9	10	13	14	12	10	12	10	13	13	16	17	15	14	15	17	15
Lupus	2	2	2	2	2	2	2	1	1	2	2	2	1	2	1	2	1	1	1	1
Ulcer, Bedsore*	17	17	19	16	18	16	16	15	17	15	14	14	12	12	15	13	14	13	12	11
Eczema	15	15	14	17	17	18	18	17	14	17	16	17	18	16	18	16	15	15	15	14
Pemphigus	2	2	3	4	3	2	3	4	5	4	3	4	5	4	5	4	5	5	5	5
Other and undefined Diseases of Integumentary System* ..	9	9	9	8	8	10	8	7	7	8	6	6	6	7	7	6	9	8	7	7

* See note *, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 19 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Males.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries													919	944	1128	1121	1007	1040	936	859
Vehicles and Horses													2186	2149	2102	2111	2065	2148	2297	2235
Ships, Boats, and Docks (not Drowning)													149	175	215	219	248	261	264	294
Building Operations													151	167	195	199	203	219	241	239
Machinery													209	213	248	220	230	199	211	206
Weapons and Implements													186	190	187	134	118	116	116	101
Burns and Scalds	11167	11241	11539	11406	11583	11208	10807	10812	11103	10546	10790	11600	1048	1069	1061	1005	1209	1099	1094	1000
Poisons, Poisonous Vapours													378	340	400	399	389	403	449	407
Drowning													2273	2231	2343	2172	2384	2015	2251	2118
Suffocation													1161	1180	1119	1106	1236	1170	1169	1174
Falls													1603	1451	1410	1386	1365	1507	1623	1658
Weather Agencies													219	179	318	147	294	211	217	236
Otherwise or not stated													1317	1222	1357	1228	1272	1276	1341	1315
Homicide	168	168	199	214	188	178	172	181	181	155	159	160	158	153	185	162	165	154	160	162
Suicide	1519	1496	1476	1446	1445	1550	1529	1694	1675	1732	1626	1635	1863	1907	1940	2052	2071	1979	2090	2166
Execution	12	14	11	11	13	11	13	18	20	17	12	16	13	16	16	17	10	19	7	10
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy*	942	860	734	763	729	365	156	136	130	120	90	101	109	96	84	72	68	59	64	87
Debility, Atrophy, Inanition*	13569	14693	12196	12478	12974	13325	11888	13109	11802	11325	11608	11431	12073	11718	12601	9994	12555	10940	11079	11263
Mortification*†	350	353	308	270	154	100	76	33	46	24	13	29	23	22	16	16	13	17	14	14
Tumour†	120	125	112	122	111	115	90	119	75	38	42	53	56	61	45	48	61	30	44	29
Abscess†	—	—	325	305	316	363	332	327	350	288	266	271	261	268	276	209	228	206	206	183
Hæmorrhage†	—	—	89	112	109	81	116	85	101	63	73	83	78	71	86	99	80	85	69	60
Sudden Deaths (Cause unascertained)	1543	1359	237	245	253	307	301	260	266	244	222	243	253	230	197	164	158	190	121	109
Other ill-defined and not specified Causes*	727	609	1984	1834	2141	1989	1885	1777	1808	1587	1481	1648	1552	1341	1087	1002	1102	992	1131	948

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 20 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1879-98.—Males.

CAUSES OF DEATH	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries													65	66	78	77	68	70	62	56
Vehicles and Horses													155	150	146	145	140	144	153	147
Ships, Boats, and Docks (not Drowning)													11	12	15	15	17	17	18	19
Building Operations													11	12	14	14	14	15	16	15
Machinery													15	15	17	15	16	13	14	14
Weapons and Implements	904	896	910	891	895	854	817	809	822	771	782	832	13	13	13	9	8	8	8	7
Burns and Scalds													74	75	74	69	82	74	73	66
Poisons, Poisonous Vapours													27	24	28	27	26	27	30	27
Drowning													161	156	163	149	162	135	150	139
Suffocation													83	83	78	76	84	78	78	77
Falls													114	102	98	95	93	101	108	109
Weather Agencies													16	13	22	10	20	13	14	16
Otherwise or not stated													93	86	94	84	86	86	89	86
Homicide	14	13	16	17	15	14	13	14	13	11	12	11	11	11	13	11	11	10	11	11
Suicide	123	119	117	113	112	118	116	127	124	127	118	117	132	133	135	141	141	133	139	142
Execution	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy*	76	69	58	60	56	28	12	10	10	9	7	7	8	7	6	5	5	4	4	6
Debility, Atrophy, Inanition*	1099	1171	962	975	1002	1016	899	981	874	828	841	820	855	820	875	686	853	733	736	740
Mortification*†	28	28	24	21	12	8	6	2	3	2	1	2	2	2	1	1	1	1	1	1
Tumour†	10	10	9	10	9	7	9	6	6	3	3	4	4	4	3	3	4	2	3	2
Abscess†	—	—	26	24	24	28	25	24	26	21	19	19	19	19	19	14	15	14	14	12
Hæmorrhage†	—	—	7	9	8	6	9	6	7	5	5	6	6	5	6	7	5	6	5	4
Sudden Deaths (Cause unascertained)	125	108	19	19	20	23	23	19	20	18	16	17	18	16	14	11	11	13	8	7
Other ill-defined and not specified Causes*	55	43	155	139	161	152	141	130	138	112	109	119	109	94	75	82	71	73	77	66

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 21. ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	
ALL CAUSES	254759	255182	238330	250887	253735	257306	254445	261402	258621	247677	252251	271800	285431	273622	278069	242812	278293	256152	261276	268160	
MIASMATIC DISEASES.																					
Small-pox* { Vaccinated.. .. .	253	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	128	266	5	4	11	104	411	190	62	182	56	5	43
Chicken-pox	45	37	76	58	44	57	58	37	38	52	46	40	38	53	56	42	44	63	46	49	
Measles†	4507	6016	3607	6083	4457	5493	7099	5923	8108	4688	7016	6098	6164	6646	5339	5650	5633	8625	6178	6437	
Epidemic Rose Rash†	—	—	35	58	53	46	51	41	92	60	65	39	27	37	26	22	16	25	26	18	
Scarlet Fever	8465	8563	7130	6828	6200	5359	3145	2987	3960	3160	3345	3493	2464	2819	3552	2580	2294	2727	2281	1740	
Typhus*	229	265	272	441	402	171	132	105	101	73	59	71	63	37	66	57	30	35	23	20	
Relapsing Fever	12	12	9	9	6	5	4	4	6	4	2	1	7	—	7	5	3	—	1	2	
Influenza	145	86	49	47	60	35	72	41	44	43	26	2108	8065	8064	4861	3392	6707	1841	3003	5395	
Whooping-cough	6948	7578	6032	8361	5616	6288	7287	7042	6323	6709	6603	7590	7561	7401	5661	6807	5319	7407	6197	5680	
Mumps.. .. .	31	34	54	43	36	23	36	26	40	39	29	39	37	40	28	26	28	36	45	28	
Diphtheria	1628	1537	1641	2125	2239	2675	2342	2180	2327	2551	2922	2681	2671	3396	4814	4576	4044	4557	3890	3937	
Cerebro-spinal Fever	18	21	20	19	13	17	12	18	7	9	11	13	21	16	3	16	14	3	6	4	
Simple and Ill-defined Fever*†	738	740	585	520	499	410	357	323	252	228	231	189	179	123	137	100	80	82	70	67	
Enteric Fever†	2940	3424	2732	2863	2958	3085	2269	2390	2484	2224	2413	2377	2272	1843	3190	2080	2456	2190	2170	2503	
Other Miasmatic Diseases*	—	—	—	—	2	2	1	—	—	—	1	1	7	8	5	2	6	3	1	3	
DIARRHŒAL DISEASES.																					
Cholera	87	340	143	150	171	338	144	248	205	111	155	169	134	173	584	113	371	228	413	489	
Diarrhœa, Dysentery	5460	14306	6860	8218	7720	12740	6329	11812	9517	6082	8701	8331	6468	7047	13517	5011	12616	7949	12394	13845	
MALARIAL DISEASES.																					
Remittent Fever†	29	32	130	124	106	79	67	64	46	42	37	39	19	12	22	11	13	11	5	4	
Ague	46	39	51	38	45	32	32	34	31	26	29	19	34	20	34	14	22	17	11	19	
ZOOGENOUS DISEASES.																					
Hydrophobia	6	5	10	4	3	7	17	2	2	4	8	4	1	1	1	2	3	1	—	1	
Glanders	3	—	—	—	—	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	
Anthrax, Splenic Fever	6	3	1	5	3	5	4	3	1	1	1	1	2	1	1	3	2	1	2	2	
Cow-pox and other Effects of Vaccination*	20	20	33	32	24	25	24	26	20	25	31	21	22	28	25	24	27	19	15	17	
VENEREAL DISEASES.																					
Syphilis*	976	1033	998	1069	1133	1106	1035	1063	969	943	984	1007	922	933	964	945	973	852	833	794	
Gonorrhœa, Stricture of Urethra	1	—	—	2	2	4	2	2	8	9	2	4	10	7	12	6	10	9	11	9	
SEPTIC DISEASES.																					
Phagedœna*†	—	—	35	41	42	46	37	25	20	38	30	17	26	28	43	24	32	16	37	20	
Erysipelas*	834	971	1067	1155	1002	1006	938	719	934	775	614	668	619	707	896	647	535	531	513	454	
Pyæmia, Septicæmia	313	324	289	251	228	274	244	175	143	192	146	179	157	174	191	153	145	113	139	117	
Puerperal Fever	1464	1659	2287	2564	2616	2468	2420	2078	2450	2386	1852	1956	1973	2356	3023	2167	1849	2053	1836	1707	

* 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, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	
ALL CAUSES.	19564	19283	17822	18548	18545	18542	18177	18461	18057	17050	17214	18338	19040	18003	18145	15670	17770	16134	16322	16570	
MIASMATIC DISEASES.																					
Small-pox* { Vaccinated.. .. .	19	23	22	5	2	15	17	0	1	2	0	—	0	2	3	5	1	1	0	3	
Unvaccinated			36	10	5	18	26	44	2	4	8	0	—	1	3	7	6	2	4	0	1
No Statement			49	26	23	40	44	4	4	3	9	18	0	0	1	7	27	12	4	11	0
Chicken-pox	3	3	6	4	3	4	4	418	566	323	479	411	411	437	348	365	300	543	386	398	
Measles†	346	455	270	450	326	396	507	211	276	218	228	236	164	185	232	167	146	172	142	108	
Epidemic Rose Rash†	—	—	3	4	4	3	4	3	6	4	4	3	164	185	232	167	146	172	142	108	
Scarlet Fever	650	647	533	505	453	386	225	211	276	218	228	236	164	185	232	167	146	172	142	108	
Typhus*	18	20	20	33	29	12	9	7	7	5	4	5	4	2	4	4	2	2	1	0	
Relapsing Fever	1	1	1	1	1	0	0	0	0	0	0	0	0	—	0	0	0	—	0	0	
Influenza	11	6	4	3	4	3	5	3	3	3	2	142	538	532	318	219	428	116	188	333	
Whooping-cough	534	573	451	618	410	453	521	497	441	462	451	512	504	487	369	439	340	467	387	351	
Mumps.. .. .	2	3	4	3	2	3	3	2	3	3	2	3	2	3	2	2	2	2	3	2	
Diphtheria	125	116	123	157	164	193	167	154	162	176	199	181	178	223	314	295	258	287	243	243	
Cerebro-spinal Fever	1	2	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	0	
Simple and Ill-defined Fever*†	57	56	44	38	36	30	26	23	18	16	16	13	12	8	9	6	5	5	4	4	
Enteric Fever†	226	259	204	212	216	222	162	169	173	153	165	160	152	121	208	134	157	138	136	155	
Other Miasmatic Diseases*	—	—	—	—	0	0	0	—	—	—	0	0	0	0	0	0	0	0	0	0	
DIARRHŒAL DISEASES.																					
Cholera	7	26	11	11	12	24	10	18	14	8	11	11	9	11	38	7	24	14	26	30	
Diarrhœa, Dysentery	419	1081	513	608	564	918	452	834	664	419	594	562	431	464	882	323	806	501	774	855	
MALARIAL DISEASES.																					
Remittent Fever†	2	2	10	9	8	6	5	5	3	3	3	3	1	1	1	1	1	1	0	0	
Ague	4	3	4	3	3	2	2	2	2	2	2	1	2	1	2	1	1	1	1	1	
ZOOGENOUS DISEASES.																					
Hydrophobia	0	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	0	1	2	2	2	2	1	1	1	
Cow-pox and other Effects of Vaccination*	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	1	1	1	
VENEREAL DISEASES.																					
Syphilis*	75	78	75	79	83	80	74	75	68	65	67	68	62	61	63	61	62	54	52	49	
Gonorrhœa, Stricture of Urethra	0	—	—	0	0	0	0	0	1	1	0	0	1	0	1	0	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	
Erysipelas*																					

TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
PARASITIC DISEASES.																				
Thrush..	436	574	399	319	404	395	305	383	289	249	247	250	234	230	221	162	180	146	121	134
Other Diseases from Vegetable Parasites*..	2	2	5	3	—	2	2	3	2	2	2	3	—	2	1	—	4	2	4	2
Hydatid Disease	29	39	28	23	28	29	25	34	24	29	28	29	26	27	35	20	35	28	42	41
Other Diseases from Animal Parasites*..	90	90	73	100	71	77	51	68	64	65	62	50	42	51	43	40	39	26	28	26
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	287	319	204	199	207	139	116	115	133	146	134	118	148	150	196	121	148	142	158	166
Scurvy†	—	—	8	5	4	2	9	4	5	7	10	7	10	7	4	11	14	11	14	9
Intemp. {Chronic Alcoholism..	266	269	347	400	354	379	388	459	471	472	511	661	645	683	782	672	743	756	859	892
{Delirium Tremens ..	48	44	44	41	43	47	54	50	57	50	57	68	83	57	58	61	65	68	78	72
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheumatism of Heart*	660	918	1167	1216	1118	1333	1419	1248	1330	1332	1126	1203	1269	1217	1539	1366	1155	1360	1261	1220
Rheumatism*†	1027	723	468	520	544	455	450	485	551	515	482	561	573	575	470	440	520	502	519	500
Gout†	167	162	86	99	118	112	122	101	129	120	107	125	132	113	137	137	112	118	108	101
Rickets..	223	259	204	232	239	282	262	331	282	341	428	471	530	593	535	517	667	544	630	593
Cancer*†	8540	8742	8931	9372	9647	9852	10065	10489	10851	11222	11763	12296	12823	12806	13227	13345	14317	14305	14870	15264
Tabes Mesenterica ..	3558	4484	3437	3791	3590	3919	3151	3849	3261	3115	3620	3519	3404	3382	3751	2758	3479	2846	2900	3013
Tubercular Meningitis (Acute Hydrocephalus)†..	3416	3656	3060	2989	3079	3131	3086	3120	2907	3021	2997	3066	3188	2957	3062	2960	3055	2992	3084	3073
Phthisis	24849	23870	23202	23781	24587	24049	23379	22830	21598	20743	21027	22317	21425	20100	20032	18886	19463	18085	18596	18298
Other Forms of Tuberculosis, Scrofula*	1402	1548	1805	1916	2079	2229	2022	2260	2298	2383	2480	2573	2788	2841	2592	2559	2790	2537	2499	2657
Purpura, Hæmorrhagic Diathesis*†	143	131	138	183	158	166	150	138	138	149	176	139	167	144	171	181	170	157	176	188
Anæmia, Chlorosis, Leucocythæmia*	543	589	604	681	668	657	688	809	841	961	901	918	1000	966	971	991	1215	1149	1150	1107
Diabetes Mellitus ..	403	435	468	520	531	589	628	656	731	703	774	787	848	869	913	871	1003	1043	1123	1148
Other and undefined Constitutional Diseases*†..	3	—	182	208	224	234	252	290	306	313	359	413	456	469	450	419	513	524	577	602
DEVELOPMENTAL DISEASES.																				
Premature Birth ..	5174	5415	5334	5539	5558	5736	5574	6028	6182	6120	6330	6719	7326	7233	7590	6847	7650	7645	7759	7959
Atelectasis† ..	—	—	289	291	246	223	292	273	291	370	300	323	375	395	393	407	480	518	459	485
Cyanosis ..	436	443	411	420	402	377	476	433	365	392	414	413	391	488	417	441	445	456	466	441
Spina Bifida ..	328	333	367	351	324	344	372	312	346	356	333	309	342	342	345	352	379	377	354	325
Imperforate Anus ..	61	70	50	62	65	98	74	56	51	41	64	44	61	56	53	66	63	57	76	49
Cleft Palate, Harelip ..	71	76	84	81	89	73	80	90	79	99	93	75	93	88	112	102	121	97	88	115
Other Congenital Defects*	92	127	116	124	92	117	121	146	117	178	142	178	174	197	261	205	229	201	211	217
Old Age ..	16453	14415	14668	14547	16036	15165	15828	16161	15283	15464	15364	16043	16930	16053	15340	14103	16997	15038	16358	16550

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
PARASITIC DISEASES.																				
Thrush..	33	43	30	24	30	28	22	27	20	17	17	17	16	15	14	10	11	9	8	8
Other Diseases from Vegetable Parasites* ..	0	0	0	0	—	0	0	0	0	0	0	0	—	0	0	—	0	0	0	0
Hydatid Disease	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3
Other Diseases from Animal Parasites* ..	7	7	5	7	5	6	4	5	4	4	4	3	3	3	3	3	2	2	2	2
DIETETIC DISEASES.																				
Starvation, Want of Breast Milk*	22	24	15	15	15	10	8	8	9	10	9	8	10	10	13	8	10	9	10	10
Scurvy†	—	—	1	0	0	0	1	0	0	0	1	0	1	0	0	1	1	1	1	1
Intemp. {Chronic Alcoholism..	20	20	26	30	26	27	28	32	33	32	35	45	43	45	51	43	47	48	54	55
{Delirium Tremens ..	4	3	3	3	3	3	4	4	4	3	4	5	6	4	4	4	4	4	5	4
CONSTITUTIONAL DISEASES.																				
Rheumatic Fever, Rheumatism of Heart*	51	69	87	90	82	96	101	88	93	92	77	81	85	80	100	88	74	86	79	75
Rheumatism*†	79	55	35	38	40	33	32	34	38	35	33	38	38	38	31	28	33	32	32	31
Gout†	13	12	6	7	9	8	9	7	9	8	7	8	9	7	9	7	7	7	7	6
Rickets..	17	20	15	17	17	20	19	23	20	23	29	32	35	39	35	33	43	34	39	37
Cancer*†	656	661	668	693	705	710	719	741	758	773	803	830	855	843	863	861	914	901	929	943
Tabes Mesenterica ..	273	339	257	280	262	282	225	272	228	214	247	237	227	223	245	178	222	179	181	186
Tubercular Meningitis (Acute Hydrocephalus)†..	262	276	229	221	225	226	220	220	203	208	205	207	213	195	200	191	195	188	193	190
Phthisis	1908	1804	1735	1758	1797	1733	1670	1612	1508	1428	1435	1506	1429	1322	1307	1217	1243	1139	1162	1131
Other Forms of Tuberculosis, Scrofula*	108	117	135	142	152	161	144	160	160	164	169	174	186	187	169	165	178	160	156	164
Purpura, Hæmorrhagic Diathesis*†	11	10	10	14	12	12	11	10	10	10	12	9	11	9	11	12	11	10	11	12
Anæmia, Chlorosis, Leucocythæmia*	42	45	45	50	49	47	49	57	59	66	61	62	67	64	63	64	78	72	72	68
Diabetes Mellitus ..	31	33	35	38	39	42	45	46	51	48	53	53	57	57	60	56	64	66	70	71
Other and undefined Constitutional Diseases*†..	0	—	14	15	16	17	18	20	21	22	25	28	30	31	29	27	33	33	36	37
DEVELOPMENTAL DISEASES.																				
Premature Birth ..	397	409	399	409	406	413	398	426	432	421	432	453	489	476	495	442	488	482	485	492
Atelectasis† ..	—	—	22	22	18	16	21	19	20	25	20	22	25	26	26	26	31	33	29	30
Cyanosis ..	33	33	31	31	29	27	34	31	25	27	28	28	26	32	27	28	29	29	29	27
Spina Bifida ..	25	25	27	26	24	25	27	22	24	25	23	21	23	23	23	23	24	24	22	20
Imperforate Anus ..	5	5	4	5	5	7	5	4	4	3	4	3	4	4	3	4	4	4	5	3
Cleft Palate, Harelip ..	5	6	6	6	7	5	6	6	6	7	6	5	6	6	7	7	8	6	5	7
Other Congenital Defects*	7	10	9	9	7	8	9	10	8	12	10	12	12	13	17	13	15	13	13	13
Old Age ..	1264	1089	1097	1075	1172	1093	1131	1141	1067	1065	1048	1082	1129	1055	1001	910	1087	947	1022	1023

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF NERVOUS SYSTEM.																				
Inflammation of Brain or its Membranes*†	3093	3436	3363	3777	3822	3888	3899	4340	4076	4025	3982	4068	3881	3660	3843	3299	3541	3384	3403	3521
Apoplexy†	7301	7414	7148	7186	7638	7894	8149	8473	8552	8733	8647	9051	9627	9299	9174	8725	9325	9353	9666	9796
Softening of Brain	1440	1408	1408	1371	1356	1433	1492	1497	1565	1448	1495	1555	1518	1393	1399	1192	1288	1178	1180	1238
Hemiplegia, Brain Paralysis*†	6254	5739	5307	5316	5397	5057	5006	5103	4840	4859	4563	4663	4670	4311	4076	3524	3968	3533	3534	3396
Paralysis Agitans*	66	49	95	56	61	78	102	91	56	87	100	122	134	130	100	113	157	123	148	154
Insanity, General Paralysis of Insane†	926	872	970	870	1234	1159	1119	928	1030	1023	1008	1036	1124	1040	1204	1131	1330	1242	1439	1304
Chorea	80	62	78	81	84	79	106	71	78	81	70	80	98	77	88	92	91	84	111	113
Epilepsy*	1421	1300	1394	1322	1471	1494	1486	1499	1480	1416	1421	1492	1491	1351	1365	1253	1387	1273	1192	1311
Convulsions	10214	10250	9678	10174	9874	10046	9540	9981	9490	9125	9308	9444	9496	8982	9277	7881	8948	8113	7939	7861
Laryngismus Stridulus	316	274	243	253	310	290	251	261	262	267	239	242	287	261	253	183	238	208	193	172
Idiopathic Tetanus	8	8	13	10	10	13	11	10	13	15	16	7	18	8	9	6	9	6	11	12
Paraplegia, Dis. of Spinal Cord*†	313	369	593	639	629	709	744	845	778	822	803	859	912	842	839	850	949	849	915	957
Other and undefined Dis. of Brain or Nervous System*†	1503	1418	1821	1909	2142	2104	2011	1943	2080	2097	1801	1592	1635	1520	1729	1429	1576	1377	1280	1306
DISEASES OF ORGANS OF SPECIAL SENSE.																				
Otitis, Otorrhœa	106	115	156	198	168	163	193	195	184	218	204	253	251	265	324	344	334	376	394	409
Epistaxis and Disease of Nose	34	27	35	29	43	42	29	44	54	36	43	29	38	36	45	44	41	44	43	40
Ophthalmia and Dis. of Eye	25	28	30	26	24	30	28	34	42	25	31	16	27	23	26	32	33	27	24	18
DISEASES OF CIRCULATORY SYSTEM.																				
Endocarditis, Valvular Disease*†	128	147	2780	2895	3083	3326	3712	3770	3901	4014	4078	4505	5006	4781	4887	4915	5413	5461	5566	5937
Pericarditis*	206	174	190	199	207	215	225	228	228	227	176	274	305	262	283	252	248	254	205	217
Hypertrophy of Heart	229	196	172	164	185	174	164	148	141	157	144	127	148	128	110	98	119	87	84	102
Angina Pectoris	213	187	197	231	233	246	245	199	246	264	256	242	272	226	237	243	248	259	233	223
Syncope	1212	1162	678	676	706	928	761	819	1051	896	922	1250	1301	943	770	700	830	701	659	645
Aneurism	178	183	173	191	167	191	216	194	170	180	195	174	185	180	198	191	195	198	191	182
Senile Gangrene	308	246	307	308	491	503	607	657	629	612	611	640	717	603	531	600	601	569	603	580
Embolism, Thrombosis	391	382	382	411	437	438	516	548	605	672	665	604	578	619	689	674	745	814	799	825
Phlebitis	66	64	71	76	70	89	90	69	94	75	74	88	99	104	99	76	84	86	90	103
Varicose Veins*	67	55	55	66	56	57	65	50	55	52	68	54	72	78	78	64	53	69	72	64
Other and undefined Diseases of Heart or Circulatory System*†	17006	15229	13352	13750	14798	15005	16740	17106	17317	17815	17539	18414	19404	17998	17491	16464	18589	16749	17431	17533

* 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, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF NERVOUS SYSTEM.																				
Inflammation of Brain or its Membranes*†	238	260	252	279	279	280	279	307	285	277	272	274	259	241	251	213	226	213	213	218
Apoplexy†	561	560	535	531	559	569	582	598	597	601	591	612	642	612	599	563	595	589	604	605
Softening of Brain	111	106	105	101	99	103	107	106	109	100	102	105	101	92	91	77	82	74	74	76
Hemiplegia, Brain Paralysis*†	480	434	397	393	394	364	358	360	338	335	311	315	312	284	266	227	253	223	221	210
Paralysis Agitans*	5	4	7	4	4	6	7	6	4	6	7	8	9	9	7	7	10	8	9	10
Insanity, General Paralysis of Insane†	71	66	73	64	90	84	80	66	72	70	69	70	75	68	79	73	85	78	90	81
Chorea	6	5	6	6	6	6	8	5	5	6	5	5	7	5	6	6	6	5	7	7
Epilepsy*	109	98	104	98	108	108	106	106	103	97	97	101	99	89	89	81	89	80	74	81
Convulsions	784	775	724	752	722	724	681	705	663	628	635	637	633	591	605	509	571	511	496	486
Laryngismus Stridulus	24	21	18	19	23	21	18	18	18	16	16	19	17	17	17	12	15	13	12	11
Idiopathic Tetanus	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1
Paraplegia, Diseases of Spinal Cord*†	24	28	44	47	46	51	53	60	54	57	55	58	61	55	55	55	61	53	57	59
Other and undefined Diseases of Brain or Nervous System*†	115	107	136	141	157	152	144	137	145	144	123	107	109	100	113	92	101	87	80	81
DISEASES OF ORGANS OF SPECIAL SYSTEM.																				
Otitis, Otorrhœa	8	9	12	15	12	12	14	14	13	15	14	17	17	17	21	22	21	24	25	25
Epistaxis and Dis. of Nose	3	2	3	2	3	3	2	3	4	2	3	2	3	2	3	3	3	3	3	2
Ophthalmia and Dis. of Eye	2	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	2	2	1	1
DISEASES OF CIRCULATORY SYSTEM.																				
Endocarditis, Valvular Disease*†	10	11	208	214	225	240	265	266	272	276	278	304	334	315	319	317	346	344	348	367
Pericarditis*	16	13	14	15	15	15	16	16	16	16	12	18	20	17	18	16	16	16	13	13
Hypertrophy of Heart	18	15	13	12	14	13	12	10	10	11	10	9	10	8	7	6	8	5	5	6
Angina Pectoris	16	14	15	17	17	18	18	14	17	18	17	16	18	15	16	16	16	16	14	14
Syncope	93	88	51	50	52	67	54	58	73	62	63	84	87	62	50	45	53	44	41	40
Aneurism	14	14	13	14	12	14	15	14	12	12	13	12	12	12	13	12	13	12	12	11
Senile Gangrene	24	19	23	23	36	36	43	46	44	42	42	43	48	40	35	39	38	36	38	36
Embolism, Thrombosis	30	29	29	30	32	32	37	39	42	46	45	41	39	41	45	43	48	51	50	51
Phlebitis	5	5	5	6	5	6	6	5	7	5	5	6	7	7	6	5	5	5	6	6
Varicose Veins*	5	4	4	5	4	4	5	4	4	4	5	4	5	5	5	4	3	4	4	4
Other and undefined Diseases of Heart or Circulatory System*†	1306	1151	998	1017	1082	1081	1196	1208	1209	1226	1197	1242	1294	1184	1142	1063	1187	1055	1089	1083

* See note *, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF RESPIRATORY SYSTEM.																				
Laryngitis*	463	426	520	660	685	750	737	692	765	730	664	718	637	634	767	634	630	625	590	512
Croup	1642	1666	1698	2165	2127	2166	1957	1678	1887	1661	1513	1385	1246	1018	949	803	756	744	501	394
Other Diseases of Larynx and Trachea*	28	20	100	105	104	96	66	71	79	84	70	70	57	64	67	54	67	60	60	46
Emphysema, Asthma	1197	857	1101	996	1069	956	1076	1000	1026	1002	876	1047	1302	1210	918	887	1064	843	857	962
Bronchitis	35824	28322	27496	28535	28926	25965	30181	30957	29575	28466	27824	33418	37623	33787	28951	24700	30627	23848	23533	23651
Pneumonia	11453	10560	9897	11068	11813	11059	12384	12005	13166	12729	12428	16235	17467	15660	16144	13972	15282	15075	14672	15328
Pleurisy	592	520	549	571	653	628	739	598	676	628	528	733	792	677	736	592	657	618	588	637
Other and undefined Diseases of Respiratory System*†	2670	2502	1963	1981	2212	2172	2441	2335	2293	2124	1953	2187	2426	2139	1935	1663	1938	1749	1670	1595
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis (Dis. of Mouth)*† ..	236	265	188	234	227	297	253	258	284	251	308	242	259	243	337	247	301	245	236	242
Dentition	1864	1871	2072	2042	2112	2215	2065	2203	1880	1831	1956	2080	2107	1891	1860	1594	1880	1745	1656	1638
Sore-throat, Quinsy*	144	186	279	318	327	354	309	287	334	263	290	360	328	296	326	273	294	292	274	254
Dyspepsia*	190	231	215	250	240	278	231	266	295	219	279	295	280	281	325	305	160	97	139	88
Hæmatemesis*	137	145	135	151	189	170	162	160	137	145	150	148	130	116	129	102	124	107	132	109
Melæna	76	60	58	67	69	79	75	77	85	73	60	50	56	59	64	47	57	60	66	49
Diseases of Stomach*†	571	590	1352	1368	1316	1485	1490	1874	1874	1792	1896	2221	2251	2330	2605	2446	2819	2779	2767	2944
Enteritis*	1258	1515	1369	1450	1471	1621	1476	1927	1848	1749	2227	2578	2526	2727	4062	2835	4961	4665	6235	7731
Ulceration of Intestine†	604	649	199	199	387	373	339	286	225	187	246	172	168	172	165	170	199	168	154	172
Ileus, Obstruction of Intestine ..	889	919	874	897	917	914	979	976	1003	1030	1059	1024	1107	1014	1073	1108	1125	1122	1135	1134
Stricture or Strangulation of Intestine†	211	229	120	118	119	104	107	121	107	86	118	83	69	65	76	54	97	53	79	76
Intussusception of Intestine	197	200	186	194	184	181	210	210	166	191	204	155	177	181	195	157	191	146	155	154
Hernia	573	581	560	547	551	585	557	599	612	601	676	638	657	686	719	596	686	663	677	708
Fistula	31	29	18	20	36	41	36	40	27	24	37	23	27	28	19	21	23	36	19	28
Peritonitis	1129	1216	1158	1066	1260	1295	1255	1254	1205	1216	1256	1340	1431	1205	1394	1126	1112	1044	983	969
Ascites	278	280	266	287	257	226	225	223	174	152	152	160	108	106	112	80	113	103	91	85
Gallstones	120	133	156	147	138	141	160	148	205	194	194	224	179	197	212	298	335	304	327	332
Cirrhosis of Liver	1202	1231	1319	1323	1357	1508	1477	1531	1455	1454	1505	1561	1552	1580	1577	1490	1629	1690	1851	1828
Other Diseases of Liver*	3510	3441	3209	3359	3206	3077	3054	3004	2815	2536	2535	2350	2256	2071	2063	1795	1765	1742	1559	1531
Other and undefined Diseases of Digestive System*† ..	959	1035	539	569	481	362	276	282	310	407	339	348	326	281	322	280	217	263	259	264
DISEASES OF LYMPHATIC SYSTEM AND DUCTLESS GLANDS.																				
Diseases of Spleen	60	77	59	57	68	65	69	59	46	44	60	49	45	47	52	41	38	35	38	32
Diseases of Lymphatic System* ..	31	26	87	104	50	76	65	76	74	103	104	78	98	117	106	105	107	108	116	105
Diseases of Thyroid Body	68	67	70	88	80	92	97	100	112	109	126	142	132	140	213	166	185	196	205	255
Diseases of Supra-Renal Capsules ..	62	55	53	74	79	77	79	66	77	77	75	72	83	74	85	74	98	109	105	105

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF RESPIRATORY SYSTEM.																				
Laryngitis*	36	32	39	49	50	54	53	49	53	50	45	48	42	42	50	41	40	39	37	32
Croup	126	126	127	160	155	156	140	119	132	114	103	93	83	67	62	52	48	47	31	24
Other Dis. of Larynx and Trachea*	2	2	7	8	8	7	5	5	6	6	5	5	4	4	4	3	4	4	4	3
Emphysema, Asthma	92	65	82	74	78	69	77	71	72	69	60	71	87	80	60	57	68	53	54	59
Bronchitis	2751	2140	2056	2110	2114	1871	2156	2186	2065	1960	1899	2255	2510	2223	1890	1594	1956	1502	1470	1401
Pneumonia	880	798	740	818	863	797	885	848	919	876	848	1095	1165	1030	1053	902	976	949	917	947
Pleurisy	45	39	41	42	48	45	53	42	47	43	36	49	53	45	48	38	42	39	37	39
Other and undefined Diseases of Respiratory System*†	205	189	147	146	162	157	174	165	160	146	133	148	162	141	126	107	124	110	104	99
DISEASES OF DIGESTIVE SYSTEM.																				
Stomatitis (Dis. of Mouth)*† ..	18	20	14	17	17	21	18	18	20	17	21	16	17	16	22	16	19	15	15	15
Dentition	143	141	155	151	154	160	148	156	131	126	133	140	141	124	121	103	120	110	103	101
Sore-throat, Quinsy*	11	14	21	24	24	26	22	20	23	18	20	24	22	19	21	18	19	18	17	16
Dyspepsia*	15	17	16	18	18	20	17	19	21	15	19	20	19	18	21	20	10	6	9	5
Hæmatemesis*	11	11	10	11	14	12	12	11	10	10	10	10	9	8	8	7	8	7	8	7
Melæna	6	5	4	5	5	6	5	5	6	5	4	3	4	4	4	3	4	4	4	3
Diseases of Stomach*†	44	45	101	101	96	107	106	132	131	123	129	150	150	154	171	158	180	175	173	182
Enteritis*	97	114	102	107	108	117	105	136	129	120	152	175	168	180	266	183	317	294	389	478
Ulceration of Intestine†	46	49	15	15	28	27	24	20	16	13	17	12	11	11	11	11	13	11	10	11
Ileus, Obstruction of Intestine ..	68	69	65	66	67	66	70	69	70	71	72	69	74	67	70	72	72	71	71	70
Stricture or Strangulation of Intestine†	16	17	9	9	9	7	8	9	7	6	8	6	5	4	5	3	6	3	5	5
Intussusception of Intestine	15	15	14	14	13	13	15	15	12	13	14	10	12	12	13	10	12	9	10	10
Hernia	44	44	42	40	40	42	40	42	43	41	40	43	44	45	47	38	44	42	42	44
Fistula	2	2	1	1	3	3	3	3	2	1	3	2	2	2	1	1	1	2	1	2
Peritonitis	87	92	87	79	92	93	90	89	84	84	86	90	95	79	91	73	71	66	61	60
Ascites	21	21	20	21	19	16	16	16	12	10	10	11	7	7	7	5	7	6	6	5
Gallstones	9	10	12	11	10	10	11	10	14	13	13	15	12	13	14	19	21	19	20	21
Cirrhosis of Liver	92	93	99	98	99	109	106	108	102	100	103	105	104	104	103	96	104	106	116	113
Other Diseases of Liver*	270	260	240	248	234	222	218	212	197	175	173									

TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis	485	460	456	484	538	503	539	540	528	598	621	752	756	771	810	850	908	984	1000	1035
Bright's Disease, Albuminuria ..	2217	2105	2265	2427	2814	2348	2984	3130	3086	3180	3215	3270	3462	3385	3464	3424	3872	3699	3783	3969
Uræmia	172	191	204	207	204	205	205	242	197	241	248	222	241	241	231	209	190	204	234	197
Suppression of Urine	42	40	45	54	78	50	42	63	47	42	37	36	47	32	39	33	31	32	26	29
Calculus	39	35	49	52	52	46	49	47	49	55	59	46	61	66	55	53	65	53	61	72
Hæmaturia	42	20	34	51	40	50	36	41	46	38	24	29	32	24	32	24	23	13	25	18
Diseases of Bladder and of Prostate*	159	175	220	196	232	201	206	252	221	221	231	213	220	240	236	253	254	236	219	211
Other and undefined Diseases of Urinary System*	411	379	338	339	566	551	481	439	535	422	363	359	416	356	287	239	251	214	235	264
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease*	343	384	591	542	572	598	567	589	600	558	498	494	536	499	506	435	500	456	457	447
Diseases of Uterus and Vagina*†	900	743	701	647	669	683	700	680	678	614	617	648	648	675	723	734	688	710	745	682
Disorders of Menstruation* ..	104	84	98	98	91	94	73	63	85	84	81	87	77	63	71	76	91	73	74	65
Pelvic Abscess	62	62	115	106	99	175	154	158	164	165	155	159	135	101	64	61	55	63	59	58
Perineal Abscess	7	6	2	2	6	3	6	1	8	11	7	3	4	1	—	—	—	—	—	—
Dis. of Testes, Penis, Scrotum, &c.*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DISEASES OF PARTURITION.																				
Abortion, Miscarriage	107	82	168	169	83	96	104	107	80	88	88	185	228	255	161	160	180	215	191	187
Puerperal Mania	89	83	100	109	101	114	97	71	84	70	87	87	105	77	83	76	65	77	74	59
Puerperal Convulsions	382	381	391	407	329	352	412	335	336	362	313	296	373	333	376	350	325	358	314	386
Placenta Prævia, Flooding ..	703	721	763	743	794	762	852	774	738	763	726	700	778	806	803	780	710	701	694	660
Phlegmasia Dolens	69	68	76	77	85	112	114	82	71	71	57	60	96	83	71	90	78	70	62	60
Other and undefined Accidents of Childbirth*	526	498	442	455	500	443	450	430	401	420	462	971	1234	1284	1433	1152	1012	1087	1079	1015
DISEASES OF ORGANS OF LOCOMOTION.																				
Caries, Necrosis*	406	379	396	419	418	452	439	454	446	423	449	412	468	405	424	403	400	389	349	339
Arthritis, Ostitis, Periostitis ..	62	59	64	66	94	70	105	101	74	102	87	116	117	113	145	114	119	112	101	102
Other and undefined Diseases of Organs of Locomotion* ..	694	694	563	578	614	558	518	545	576	489	496	461	401	355	260	246	268	208	215	183
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle	83	73	68	48	58	50	64	48	52	41	61	59	56	67	55	40	47	57	59	57
Phlegmon, Cellulitis*	167	153	68	99	106	116	105	110	114	145	95	144	117	150	208	145	169	192	174	175
Lupus	48	39	42	35	42	45	36	54	55	53	47	40	60	53	38	38	54	45	38	37
Ulcer, Bedsore*	361	339	326	332	380	359	336	389	374	371	349	352	365	378	359	368	372	308	379	366
Eczema	125	140	128	155	144	164	152	183	159	146	162	154	180	188	205	148	188	163	147	177
Pemphigus	29	32	28	50	34	43	34	35	32	46	61	49	59	44	67	58	68	79	73	69
Other and undefined Diseases of Integumentary System* ..	110	102	107	106	115	116	101	116	106	88	108	109	94	100	112	118	118	116	83	100

* See note *, p. lxxiv.

† See note †, p. lxxiv.

TABLE 22 (continued).—ENGLAND AND WALES.—Annual Death-rates from Various Causes, to a Million living, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
DISEASES OF URINARY SYSTEM.																				
Acute Nephritis	37	35	34	36	39	36	39	38	37	41	42	51	50	51	53	55	58	62	62	64
Bright's Disease, Albuminuria ..	170	159	169	179	206	205	213	221	215	219	219	221	231	223	226	221	247	233	236	245
Uræmia	13	14	15	15	15	15	15	17	14	17	17	15	16	16	15	13	12	13	15	12
Suppression of Urine	3	3	3	4	6	4	3	4	3	3	3	2	3	2	3	2	2	2	2	2
Calculus	3	3	4	4	4	3	4	3	3	4	4	3	4	4	4	3	4	3	4	4
Hæmaturia	3	2	3	4	3	4	3	3	3	3	2	2	2	2	2	1	1	1	2	1
Diseases of Bladder and of Prostate*	12	13	16	14	17	14	15	18	15	15	16	14	15	16	15	16	16	15	14	13
Other and undefined Diseases of Urinary System*	32	29	25	25	41	40	34	31	37	29	25	24	28	23	19	15	16	13	15	16
DISEASES OF ORGANS OF GENERATION.																				
Ovarian Disease*	26	29	44	40	42	43	41	42	42	38	34	33	36	33	33	28	32	29	29	28
Diseases of Uterus and Vagina*†	60	56	52	48	49	49	50	48	47	42	42	44	43	44	47	47	44	45	47	42
Disorders of Menstruation* ..	8	6	7	7	7	5	5	4	6	6	6	6	5	4	5	5	6	5	5	4
Pelvic Abscess	5	5	9	8	7	13	11	11	11	11	11	11	9	7	4	4	4	4	4	4
Perineal Abscess	1	0	0	0	0	0	0	0	1	1	0	0	0	0	—	—	—	—	—	—
Dis. of Testes, Penis, Scrotum, &c.*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DISEASES OF PARTURITION.																				
Abortion, Miscarriage	8	6	13	12	6	7	7	8	6	6	6	12	15	17	10	10	11	14	12	12
Puerperal Mania	7	6	7	8	7	8	7	5	6	5	6	6	7	5	5	4	5	5	5	4
Puerperal Convulsions	29	29	29	30	24	25	29	24	23	25	21	20	25	22	25	23	21	23	20	24
Placenta Prævia, Flooding ..	54	54	57	55	58	55	61	55	52	53	50	47	52	53	52	50	45	44	43	41
Phlegmasia Dolens	5	5	6	6	6	8	8	6	5	5	4	4	6	5	5	6	5	4	4	4
Other and undefined Accidents of Childbirth*	40	38	33	34	37	32	32	30	28	29	32	66	82	85	94	74	65	68	67	63
DISEASES OF ORGANS OF LOCOMOTION.																				
Caries, Necrosis*	31	29	30	31	31	33	31	32	31	29	31	28	31	27	28	26	26	25	22	21
Arthritis, Ostitis, Periostitis ..	5	4	5	5	7	5	8	7	5	7	6	8	8	7	9	7	8	7	6	6
Other and undefined Diseases of Organs of Locomotion* ..	53	52	42	43	45	40	37	38	40	34	34	31	27	23	17	16	17	13	13	11
DISEASES OF INTEGUMENTARY SYSTEM.																				
Carbuncle	6	6	5	4	4	4	5	3	4	3	4	4	4	4	4	3	3	4	4	4
Phlegmon, Cellulitis*	13	12	5	7	8	8	8	8	8	10	6	10	8	10	14	9	11	12	11	11
Lupus	4	3	3	3	3	3	3	4	4	4	3	3	4	3	2	2	3	3	2	2
Ulcer, Bedsore*	28	26	24	25	28	26	24	27	26	26	24	24	24	25	23	24	24	19	24	23
Eczema	10	11	10	11	11	12	11	13	11	10	11	10	12	12	13	10	12	10	9	11
Pemphigus	2	2	2	4	2	3	2	2	2	3	4	3	4	3	4	4	4	5	5	4
Other and undefined Diseases of Integumentary System* ..	8	8	8	8	8	8	7	8	7	6	7	7	6	7	7	8	8	7	5	6

* See note *, p. lxxiv.

† See note †, p. lxxiv.

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TABLE 21 (continued).—ENGLAND AND WALES.—Deaths from Various Causes, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries													1	1	1	1	—	3	—	1
Vehicles and Horses													326	325	296	289	322	280	351	390
Ships, Boats, and Docks (not Drowning)													1	2	1	—	7	1	1	1
Building Operations													—	—	—	—	—	—	—	—
Machinery													11	15	17	13	11	12	11	9
Weapons and Implements													48	58	46	17	8	20	17	15
Burns and Scalds	4108	3946	4290	3944	4172	4104	4132	4048	4415	4362	4235	4663	1202	1300	1290	1186	1643	1470	1407	1330
Poisons, Poisonous Vapours													166	174	197	189	209	216	242	213
Drowning													435	406	404	417	413	400	473	429
Suffocation													1103	986	1021	975	1083	1053	1019	1064
Falls													980	966	1089	1015	1188	1174	1230	1256
Weather Agencies													66	65	89	37	101	61	80	81
Otherwise or not stated													550	535	590	542	538	504	477	453
Homicide	142	142	166	149	134	148	137	130	171	146	131	126	157	147	152	136	150	147	132	145
Suicide	516	483	479	519	517	493	478	560	559	576	544	570	620	676	659	677	726	677	702	711
Execution	3	—	—	—	1	3	—	1	1	—	—	—	1	—	—	1	—	1	—	—
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy*	1415	1271	1148	1089	1119	501	262	200	195	199	167	170	162	152	126	118	115	83	76	100
Debility, Atrophy, Inanition*	12212	13193	10503	10840	11355	11612	10243	11037	10077	9416	9703	10003	9861	9585	10328	8287	10013	8805	9034	9092
Mortification*†	281	275	256	215	119	90	76	35	47	29	18	30	33	31	17	23	21	11	21	21
Tumour†	139	144	241	229	246	269	228	240	117	86	98	100	79	90	74	78	74	49	77	53
Abscess†			311	351	328	344	326	318	321	285	307	297	272	294	277	232	185	199	197	189
Hæmorrhage†			70	70	72	62	70	59	74	42	52	62	45	56	75	58	55	46	38	48
Sudden Deaths (Cause unascertained)	1113	910	133	128	165	202	185	178	198	159	155	194	141	172	151	121	143	127	83	90
Other ill-defined and not specified Causes*	602	506	1578	1426	1637	1540	1403	1370	1358	1227	1171	1168	1142	989	835	762	888	768	800	753

* 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, 1879-98.—Females.

CAUSES OF DEATH.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
ACCIDENT OR NEGLIGENCE.																				
In Mines and Quarries													0	0	0	0	—	0	—	0
Vehicles and Horses													22	21	19	19	21	18	22	24
Ships, Boats, and Docks (not Drowning)													0	0	0	—	0	0	0	0
Building Operations													—	—	—	—	—	—	—	—
Machinery													1	1	1	1	1	1	1	1
Weapons and Implements													3	4	3	1	1	1	1	1
Burns and Scalds	315	298	321	292	305	296	295	286	308	302	289	315	80	86	84	77	105	93	88	82
Poisons, Poisonous Vapours													11	11	13	12	13	14	15	13
Drowning													29	27	26	27	26	25	30	27
Suffocation													74	65	67	63	69	66	64	66
Falls													65	64	71	66	76	74	77	78
Weather Agencies													4	4	6	2	6	4	5	5
Otherwise or not stated													37	35	39	35	34	32	30	28
Homicide	11	11	12	11	10	11	10	9	12	10	9	9	10	10	10	9	10	9	8	9
Suicide	40	36	36	38	38	36	34	40	39	40	37	38	41	44	43	44	46	43	44	44
Execution	0	—	—	—	0	0	—	0	0	—	—	—	0	—	—	0	—	0	—	—
ILL-DEFINED AND NOT SPECIFIED CAUSES.																				
Dropsy*	109	96	86	81	82	36	19	14	14	14	11	11	11	10	8	8	7	5	5	6
Debility, Atrophy, Inanition*	938	997	786	801	830	837	732	780	704	648	662	675	656	631	674	535	639	555	564	562
Mortification*†	22	21	19	16	9	6	5	2	3	2	1	2	2	2	1	1	1	1	1	1
Tumour†	11	11	18	17	18	19	16	17	8	6	7	7	5	6	5	5	5	3	5	3
Abscess†			23	26	24	25	23	22	22	20	21	20	18	19	18	15	12	13	12	12
Hæmorrhage†			5	5	5	4	5	4	5	3	4	4	3	4	5	4	4	3	2	3
Sudden Deaths (Cause unascertained)	85	69	10	9	12	15	13	13	14	11	11	13	9	11	10	8	9	8	5	6
Other ill-defined and not specified Causes*	49	37	117	109	118	112	94	102	101	84	79	80	76	65	54	52	54	48	45	46

* For note *, see page lxxiv.

† For note †, see page lxxiv.

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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	29·2	31·8	35·8	40·4	51·4	62·4	69·4
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 shown, 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..	996·6	1095·8	1256·8	1419·2	1467·6	1686·4	1676·8
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	201·0	191·4	187·8	179·0	177·0	158·2	139·2
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	3·8	4·0	3·8	5·0	4·6	4·2	2·6
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	246·2	286·8	326·4	374·6	422·4	445·4	453·0
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, 1849-98.

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
1838-42 (5 years.)	576	539	797		504	1053			254	44	152
1847-50 (4 years.)	292	403	884		480	1246			900	810	154
1851-60	222	412	982		505	913			918	170	154
1861-70	162	443	971	187	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
1849	264	311	747		548	1044			1189	3033	160
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	637	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	83	419	402	186	425	12	236	28	978	30	147
1885	104	533	233	164	481	12	175	24	492	11	138
1886	10	436	218	149	470	9	184	22	899	19	149
1887	18	602	282	160	404	8	185	18	727	17	145
1888	36	347	226	171	436	6	172	15	455	8	136
1889	1	518	235	189	430	6	176	15	648	12	144
1890	1	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

TABLE 25.—LONDON.*—Annual Death-rates from the Principal Zymotic Diseases, and Infant Mortality, 1849-98.

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
1838-40 (3 years.)	1065	695	1108		804	1339			274	21	—
1841-50	402	623	863		867	979			782	688	157
1851-60	280	530	1017		877	886			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
1849	229	506	943		1030	1125			1683	6196	169
1850	215	422	503		675	875			894	55	140
1851	448	547	541		921	1000			1161	90	154
1852	478	246	1061		648	901			1037	67	151
1853	86	398	820		1084	1064			1077	359	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	936	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</		

TABLE 26.—ENGLAND AND WALES.—Death-rates from several Causes in Registration Counties, 1898.

REGISTRATION COUNTY.	Estimated Population in the middle of 1898.*	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.	
ENGLAND & WALES	31397078	17586	8	421	113	244	324	1	182	4	923	35	802	202	1317	397	2060	1607	2919	1316	465	43	54	75	646	3428	
I.—LONDON.																											
London†	4,504,766	18338	0	682	118	396	479	1	130	2	971	29	918	221	1734	496	1644	1482	3256	1316	527	57	48	40	781	3010	
II.—SOUTH EASTERN.																											
Surrey	666,396	14226	2	282	44	237	243	—	69	3	789	41	786	114	1128	273	1906	1420	1996	1046	423	32	42	48	521	2781	
Kent	881,368	15963	1	306	45	458	261	—	161	—	868	42	831	183	1212	414	1777	1566	2207	1101	434	39	39	60	601	3357	
Sussex	600,463	14427	—	248	47	212	145	—	123	—	671	17	908	132	1301	346	1619	1690	1885	1031	373	43	33	68	480	3055	
Hampshire .. .	738,280	15406	5	257	64	222	225	—	134	1	654	47	899	176	1433	340	1822	1651	1992	1015	479	46	47	60	486	3351	
Berkshire .. .	283,351	14858	—	378	18	113	88	—	46	—	582	11	935	99	1165	364	1719	1719	1976	1105	487	28	39	60	565	3361	
III.—SOUTH MIDLAND.																											
Middlesex .. .	771,934	13977	1	428	122	342	369	—	86	—	930	49	658	170	931	325	1770	1110	2206	1197	315	13	32	60	446	2417	
Hertfordshire ..	224,032	15382	—	245	27	103	312	—	89	—	772	49	955	76	1058	317	1736	1910	2223	991	446	62	13	62	553	3383	
Buckinghamshire	170,361	14463	—	229	35	276	293	—	76	6	470	23	787	82	898	282	1685	1509	1949	1303	470	12	29	76	477	3498	
Oxfordshire .. .	192,211	14099	—	88	16	73	94	—	73	—	291	42	994	99	1025	203	1618	1649	2253	1035	536	16	31	36	445	3480	
Northamptonshire	331,546	15651	—	341	181	130	229	—	121	—	721	33	782	139	1252	323	1834	1577	2202	1004	383	39	42	81	519	3718	
Huntingdonshire..	48,076	15538	—	250	21	166	104	—	21	—	395	42	1414	83	1165	229	1539	1456	1997	1061	437	21	21	104	416	4596	
Bedfordshire ..	174,359	15468	—	327	6	350	218	—	98	—	922	11	797	138	1061	327	1858	1474	1761	1176	505	40	52	46	470	3831	
Cambridgeshire ..	199,180	16021	—	452	40	286	407	—	126	5	567	30	974	156	1155	286	1656	1656	1863	1180	562	25	5	85	511	3994	
IV.—EASTERN.																											
Essex	956,764	15733	—	361	60	417	365	1	206	4	949	64	712	201	1015	406	1850	1352	2494	1250	347	29	40	52	576	2982	
Suffolk	359,430	15847	—	250	47	147	512	—	81	6	634	11	843	97	1116	314	1656	1616	2267	1074	501	39	42	67	551	3976	
Norfolk	468,585	17376	—	277	117	203	301	—	280	6	856	6	1001	143	1018	297	1991	1818	2155	1080	412	58	49	70	623	4615	
V.—SOUTH WESTERN.																											
Wiltshire .. .	259,039	14697	—	185	58	116	93	—	27	—	351	8	726	100	1011	228	1926	2077	2170	1038	440	42	27	66	517	3491	
Dorsetshire .. .	191,216	15548	—	37	37	105	209	—	63	—	413	5	900	94	1124	303	1893	1930	2495	941	403	47	16	73	586	3874	
Devonshire .. .	654,739	16562	—	313	20	81	335	—	139	6	495	26	932	148	1388	388	2008	1804	2537	1124	499	53	43	70	499	3654	
Cornwall .. .	311,734	18102	—	96	35	103	558	—	115	—	590	32	982	192	1225	337	2059	1752	2813	1039	436	32	22	37	571	5026	
Somersetshire ..	522,148	15641	—	270	46	96	239	—	73	—	487	8	887	107	1025	278	1902	1950	2279	1044	483	34	40	73	552	3768	

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* The Population of London has been estimated to the middle of 1898 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, 1898.

REGISTRATION COUNTY.	Estimated Population in the middle of 1898.*	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.	
VI.—WEST MIDLAND.																											
Gloucestershire ..	564,536	16148	—	572	44	165	241	—	73	—	712	19	928	136	1150	333	1959	1835	2648	996	510	60	44	60	655	3008	
Herefordshire ..	109,665	17280	—	137	73	201	191	—	18	—	301	—	966	119	930	410	2571	2152	2362	1140	483	27	46	109	538	4506	
Shropshire .. .	246,037	16481	4	150	49	215	175	—	53	4	406	4	1028	146	1024	264	1922	2081	2520	1081	471	33	53	69	630	4099	
Staffordshire ..	1,179,792	19833	1	894	201	325	321	—	320	5	1255	14	720	275	1010	352	2369	1472	3497	1558	430	31	75	97	608	4003	
Worcestershire ..	451,919	16682	—	440	111	274	272	—	135	—	644	27	768	186	1016	387	1940	1637	2711	1343	502	31	60	53	555	3590	
Warwickshire ..	854,334	18961	—	382	101	197	341	1	194	7	1310	22	784	162	1350	368	2156	1636	3177	1621	458	50	64	83	730	3767	
VII.—NORTH MIDLAND.																											
Leicestershire ..	420,938	16903	—	912	166	252	116	—	150	—	1150	7	722	169	1072	342	2064	1466	2587	1185	340	29	52	55	589	3478	
Rutlandshire ..	21,420	16993	—	233	47	420	327	—	—	—	280	—	1261	327	700	140	1914	1541	2895	840	794	47	47	93	467	4620	
Lincolnshire ..	468,520	17197	2	126	90	98	348	—	196	2	704	98	837	147	1042	350	2273	1701	2318	1344	495	45	43	83	578	4277	
Nottinghamshire ..	557,714	17482	—	308	127	95	197	—	305	—	1044	56	816	204	1169	332	2042	1519	2880	1366	389	52	68	93	647	3773	
Derbyshire .. .	467,215	17095	—	441	216	116	276	—	173	—	845	11	719	220	1072	351	2300	1687	2710	1271	402	51	73	75	606	3480	
VIII.—NORTH WESTERN.																											
Cheshire .. .	769,243	17507	—	363	150	243	186	3	187	4	968	46	814	226	1213	417	1946	1804	2850	1478	475	40	48	87	690	3269	
Lancashire .. .	4,322,745	19393	1	350	157	147	318	7	275	9	1295	56	703	251	1449	417	2261	1629	3792	1553	505	46	72	87	732	3281	
IX.—YORK.																											
West Riding .. .	2,667,115	18421	1	456	169	221	368	1	253	5	1039	35	768	227	1288	427	2376	1617	3360	1306	490	41	59	95	613	3206	
East Riding (with York)	428,178	18408	2	353	135	77	238	—	252	—	1373	—	859	189	1259	341	2490	1719	2709	1247	430	51	44	91	705	3844	
North Riding ..	368,136	18004	576	201	79	152	166	3	225	19	628	73	774	299	1184	405	2380	1671	2678	1260	456	41	19	82	723	3910	
X.—NORTHERN.																											
Durham .. .	1,143,433	19388	13	387	164	69	395	—	296	6	1214	61	568	338	1410	507	2423	1477	3147	1732	372	31	72	103	697	3906	
Northumberland..	563,684	19814	11	385	138	137	459	—	220	20	839	35	754	389	1712	541	2436	1906	2743	1801	493	67	73	73	816	3766	
Cumberland .. .	277,618	16858	11	829	133	90	47	4	68	—	418	4	890	144	1160	407	1812	1887	2734	1250	421	22	29	68	684	3742	
Westmorland ..	67,364	13449	—	327	30	74	89	—	119	—	267	—	1024	59	727	490	1678	1796	1737	1128	430	30	45	74	490	2835	
XI.—WELSH.																											
Monmouthshire ..	308,120	16176	—	357	10	351	357	3	88	6	500	39															

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 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.
ENGLAND & WALES	16	8	432	421	194	113	234	244	4	1	172	182	9	4
I.—LONDON.														
London*	2	0	616	682	211	118	487	396	2	1	139	130	6	2
II.—SOUTH EASTERN.														
Surrey	4	2	258	282	60	44	260	237	0	—	87	69	7	3
Kent	54	1	272	306	84	45	304	458	2	—	132	161	5	—
Sussex	4	—	216	248	47	47	290	212	1	—	128	123	4	—
Hampshire	5	5	284	257	72	64	173	222	0	—	141	134	12	1
Berkshire	3	—	215	378	70	18	205	113	2	—	77	46	4	—
III.—SOUTH MIDLAND.														
Middlesex	3	1	367	428	221	122	304	342	1	—	125	86	6	—
Hertfordshire	8	—	283	245	70	27	191	103	1	—	83	86	2	—
Buckinghamshire	3	—	328	229	64	35	201	276	2	—	107	76	4	6
Oxfordshire	2	—	293	88	63	16	201	73	1	—	63	73	5	—
Northamptonshire	3	—	396	341	142	181	127	130	0	—	139	121	4	—
Huntingdonshire	8	—	141	250	74	21	144	166	2	—	98	21	2	—
Bedfordshire	4	—	261	327	122	6	191	350	1	—	84	98	5	—
Cambridgeshire	1	—	158	452	61	40	181	286	2	—	119	126	5	5
IV.—EASTERN.														
Essex	18	—	387	361	139	60	413	417	1	1	176	206	6	4
Suffolk	2	—	212	250	62	47	255	147	1	—	101	81	7	6
Norfolk	3	—	181	277	79	117	204	203	2	—	182	280	6	6
V.—SOUTH WESTERN.														
Wiltshire	2	—	225	185	74	58	181	116	—	—	65	27	3	—
Dorsetshire	3	—	240	37	70	37	167	105	1	—	83	63	9	—
Devonshire	3	—	313	182	20	107	81	1	—	139	139	9	6	—
Cornwall	4	—	242	96	145	35	149	103	1	—	124	115	8	—
Somersetshire	7	—	324	270	129	46	133	96	1	—	80	73	4	—
VI.—WEST MIDLAND.														
Gloucestershire	100	—	318	572	109	44	163	165	1	—	101	73	5	—
Herefordshire	10	—	183	137	106	73	162	201	—	—	48	18	5	—
Shropshire	2	4	171	150	113	49	208	215	2	—	103	53	2	4
Staffordshire	23	1	549	894	213	201	153	325	2	—	187	320	9	5
Worcestershire	8	—	314	440	93	111	165	274	2	—	120	135	10	—
Warwickshire	36	—	449	382	185	101	197	197	0	1	140	194	8	7
VII.—NORTH MIDLAND.														
Leicestershire	11	—	349	912	169	166	210	252	1	—	193	150	2	—
Rutlandshire	—	—	123	233	64	47	109	420	—	—	63	—	5	—
Lincolnshire	15	2	164	126	119	90	159	98	2	—	184	196	7	2
Nottinghamshire	10	—	392	308	201	127	102	95	1	—	256	305	5	—
Derbyshire	35	—	413	441	195	216	135	116	1	—	154	173	7	—
VIII.—NORTH WESTERN.														
Cheshire	11	—	392	363	190	150	197	243	8	3	209	187	12	4
Lancashire	17	1	643	350	330	157	194	147	13	7	258	275	15	9
IX.—YORK.														
West Riding	48	1	457	456	264	169	141	221	2	1	197	253	12	5
East Riding (with York)	12	2	337	353	140	135	128	77	2	—	232	252	12	—
North Riding	12	576	243	201	145	79	139	152	4	3	253	225	14	19
X.—NORTHERN.														
Durham	7	13	490	387	216	164	139	69	12	—	306	296	23	6
Northumberland	1	11	376	385	177	138	155	137	5	—	194	220	17	20
Cumberland	3	11	469	829	200	133	110	90	10	—	76	68	8	4
Westmorland	2	—	188	327	92	30	141	74	—	—	107	119	6	—
XI.—WELSH.														
Monmouthshire	5	—	555	357	246	10	223	351	0	3	150	88	9	6
South Wales	4	—	409	348	327	75	202	623	3	—	187	151	8	7
North Wales	3	—	220	199	152	138	211	217	1	—	139	106	10	7

* See Note to Table 25.

from Phthisis, from Diseases of Circulatory, Respiratory (excluding Croup), and Urinary in Registration Counties, 1888-97, and 1898.

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 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.	Ten Years 1888 to 1897.	1898.		
ENGLAND & WALES	413	324	625	923	1479	1317	1669	1607	3522	2892	451	465	5'07	4'41		ENGLAND & WALES.
I.—LONDON.															I.—LONDON.	
London*	563	479	668	971	1838	1734	1559	1482	4027	3243	516	527	4'00	2'98	London.*	
II.—SOUTH EASTERN.															II.—SOUTH EASTERN.	
Surrey	320	243	347	789	1327	1128	1565	1420	2315	1987	398	423	4'21	3'69	Surrey.	
Kent	317	261	443	868	1332	1212	1620	1566	2439	2184	431	434	4'21	3'84	Kent.	
Sussex	280	145	353	671	1413	1301	1687	1690	2358	1877	447	373	4'23	4'43	Sussex.	
Hampshire	292	225	436	654	1577	1433	1738	1651	2512	1966	479	479	4'12	4'13	Hampshire.	
Berkshire	266	88	328	582	1213	1165	1804	1719	2484	1958	449	487	4'71	3'98	Berkshire.	
III.—SOUTH MIDLAND.															III.—SOUTH MIDLAND.	
Middlesex	440	369	581	930	1155	931	1255	1110	2589	2183	368	315	4'09	3'48	Middlesex.	
Hertfordshire	314	312	349	772	1291	1058	1976	1910	2444	2205	458	446	4'19	2'99	Hertfordshire.	
Buckinghamshire	273	293	313	470	1078	898	1722	1509	2566	1920	451	470	4'26	4'14	Buckinghamshire.	
Oxfordshire	282	94	310	291	1171	1025	1894	1649	2558	2222	456	536	4'42	2'80	Oxfordshire.	
Northamptonshire	367	229	468	721	1224	1252	1588	1577	2636	2154	374	383	4'64	4'21	Northamptonshire.	
Huntingdonshire	264	104	328	395	1268	1165	1492	1456	2676	1997	385	437	3'40	5'01	Huntingdonshire.	
Bedfordshire	315	218	430	922	1212	1061	1647	1474	2440	1738	412	505	4'33	3'84	Bedfordshire.	
Cambridgeshire	326	407	365	567	1405	1155	1781	1656	2538	1843	468	562	4'18	3'56	Cambridgeshire.	
IV.—EASTERN.															IV.—EASTERN.	
Essex	443	365	570	949	1217	1015	1416	1352	2849	2467	343	347	4'01	3'08	Essex.	
Suffolk	352	512	397	634	1386	1116	1720	1616	2609	2239	452	501	4'21	4'05	Suffolk.	
Norfolk	349	301	498	856	1242	1018	1734	1818	2547	2136	419	412	4'59	4'46	Norfolk.	
V.—SOUTH WESTERN.															V.—SOUTH WESTERN.	
Wiltshire	245	93	237	351	1146	1011	2129	2077	2818	2155	537	440	4'48	3'55	Wiltshire.	
Dorsetshire	215	209	233	413	1169	1124	2022	1930	2691	2485	453	403	4'17	3'50	Dorsetshire.	
Devonshire	334	335	365	495	1466	1388	1954	1804	3226	2505	483	499	4'55	4'56	Devonshire.	
Cornwall	402	558	381	590	1433	1225	1795	1752	2663	2794	444	436	5'02	4'28	Cornwall.	
Somersetshire	303	239	274	487	1142	1025	2034	1950	2895	2268	465	483	4'57	4'20	Somersetshire.	
VI.—WEST MIDLAND.															VI.—WEST MIDLAND.	
Gloucestershire	328	241	378	712	1329											

TABLE 28.—ENGLAND AND WALES.—Deaths from various Causes to a Million Deaths from All Causes, 1898.

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.	13685	Acute Nephritis	4171
Small-pox	459	Apoplexy	32604	Bright's Disease	15462
Chicken-pox	210	Softening of Brain	4678	Uræmia	797
Measles	23943	Hemiplegia, Brain Paralysis.	11361	Suppression of Urine	118
Epidemic Rose Rash	72	Paralysis Agitans	618	Calculus	487
Scarlet Fever	6426	Insanity, General Paralysis of Insane.	6487	Hæmaturia	143
Typhus	85	Chorea	273	Diseases of Bladder and of Prostate.	3995
Relapsing Fever	5	Epilepsy	4814	Other Diseases of Urinary System.	1266
Influenza	18845	Convulsions	32899	Ovarian Disease	810
Whooping-cough	18428	Laryngismus Stridulus	909	Diseases of Uterus and Vagina.	1235
Mumps	107	Idiopathic Tetanus	53	Disorders of Menstruation	118
Diphtheria	13875	Paraplegia, Diseases of Spinal Cord.	4075	Pelvic Abscess	105
Cerebro-spinal Fever	20	Other Diseases of Nervous System.	4626	Perineal Abscess	34
Simple and Ill-defined Fever.	246	Otitis, Otorrhœa	1621	Diseases of Testes, Penis, Scrotum, &c.	130
Enteric Fever	10337	Epistaxis and Diseases of Nose.	149	Abortion, Miscarriage	339
Other Miasmatic Diseases	49	Ophthalmia and Diseases of Eye.	91	Puerperal Mania	107
Cholera	1998	Endocarditis, Valvular Disease.	20029	Puerperal Convulsions	699
Diarrhœa, Dysentery	52510	Pericarditis	969	Placenta Prævia, Flooding	1195
Remittent Fever	22	Hypertrophy of Heart	373	Phlegmasia Dolens	109
Ague	143	Angina Pectoris	1163	Other Accidents of Child-birth.	1838
Hydrophobia	4	Syncope	2664	Caries, Necrosis	1425
Glanders	7	Aneurism	1610	Arthritis, Ostitis, Periostitis	462
Anthrax, Splenic Fever	33	Senile Gangrene	2277	Other Diseases of Organs of Locomotion.	639
Cow-pox and other effects of Vaccination.	47	Embolism, Thrombosis	2461	Carbuncle	284
Syphilis	3262	Phlebitis	292	Phlegmon, Cellulitis	735
Gonorrhœa, Stricture of Urethra.	607	Varicose Veins	176	Lupus	96
Phagedæna	82	Other Diseases of Circulatory System.	59434	Ulcer, Bedsore	978
Erysipelas	1757	Laryngitis	2153	Eczema	719
Pyæmia, Septicæmia	455	Croup	1563	Pemphigus	266
Puerperal Fever	3092	Other Diseases of Larynx and Trachea.	228	Other Diseases of Integumentary System.	377
Thrush	527	Empysemata, Asthma	4263	(In Mines and Quarries	1558
Other Diseases from Vegetable Parasites.	16	Bronchitis	84437	Vehicles and Horses	4754
Hydatid Disease	116	Pneumonia	64226	Ships, Boats, and Docks (not drowning).	534
Other Diseases from Animal Parasites.	71	Pleurisy	2713	Building Operations	433
Starvation, Want of Breast-milk.	659	Other Diseases of Respiratory System.	6435	Machinery	389
Scurvy	47	Stomatitis (Dis. of Mouth)	967	Weapons and Implements.	210
Intemperance (Chronic Alcoholism, Delirium Tremens.)	3671	Dentition	6415	Burns and Scalds	4220
Rheumatic Fever, Rheumatism of Heart.	4374	Sore Throat, Quinsy	987	Poison, Poisonous Vapours.	1123
Rheumatism	1639	Dyspepsia	292	Drowning	4613
Gout	945	Hæmatemesis	465	Suffocation	4053
Rickets	2528	Melæna	197	Falls	5278
Cancer	45633	Diseases of Stomach	9577	Weather Agencies	574
Tabes Mesenterica	11513	Enteritis	29366	Otherwise, or not stated	3202
Tubercular Meningitis (Acute Hydrocephalus).	12100	Ulceration of Intestine	661	Homicide	556
Phthisis	74863	Ileus, Obstruction of Intestine.	3984	Suicide	5211
Other Forms of Tuberculosis, Scrofula.	10443	Stricture or Strangulation of Intestine.	283	Execution	18
Purpura, Hæmorrhagic Diathesis.	677	Intussusception of Intestine.	705	Dropsy	339
Anæmia, Chlorosis, Leucocythæmia.	3304	Hernia	2400	Debility, Atrophy, Inanition.	36866
Diabetes Mellitus	4682	Fistula	127	Mortification	63
Other Constitutional Diseases.	1646	Peritonitis	3595	Tumour	149
Premature Birth	33238	Ascites	248	Abscess	674
Atelectasis	2077	Gallstones	851	Hæmorrhage	196
Cyanosis	1949	Cirrhosis of Liver	7509	Sudden (Cause unascertained).	360
Spina Bifida	1174	Other Diseases of Liver	5537	Other ill-defined and not specified Causes.	3083
Imperforate Anus	340	Other Diseases of Digestive System.	860		
Cleft Palate, Harelip	431	Diseases of Spleen	105		
Other Congenital Defects	846	Diseases of Lymphatic System.	572		
Old Age	51976	Diseases of Thyroid Body	534		
		Diseases of Supra-Renal Capsules.	357		

TABLE 29.—ENGLAND AND WALES.—Death-rates in Town* and Country Districts, 1851-98.

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

* 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 1881-98, 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, 1888-98.

Area in Acres.	ESTIMATED POPULATION in the middle of 1898.	Quarter ending	ANNUAL RATE of MORTALITY per 1000 in each Quarter of the Years.											
			1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	Mean of Ten Years, 1888-97.	1898.
ENGLAND AND WALES } 37,317,885 31,397,078	YEAR	Mar.	18.1	19.9	23.3	22.0	24.9	19.7	20.0	22.7	17.9	18.7	21.1	19.5
		June	17.8	17.5	17.9	23.7	18.0	18.0	15.8	17.2	16.3	16.3	17.9	16.2
		Sept.	15.2	17.1	16.9	15.9	15.7	19.2	14.2	17.5	16.3	17.8	16.6	17.9
		Dec.	18.1	18.4	20.1	19.3	17.4	19.9	16.5	17.6	17.9	17.0	18.2	16.8
TOWN DISTRICTS* } 4,222,051 21,454,691	YEAR	Mar.	19.0	19.3	20.9	21.1	19.5	20.2	17.1	19.5	18.0	18.2	19.3	18.3
		June	21.9	20.6	24.4	22.8	24.6	20.4	20.0	25.4	18.5	18.9	21.6	19.8
		Sept.	18.2	18.3	18.7	24.7	18.5	18.7	16.2	17.4	17.2	16.6	18.5	16.6
		Dec.	16.2	18.5	18.5	16.8	16.6	20.6	14.9	18.9	17.6	19.4	17.8	19.3
COUNTRY DISTRICTS* } 33,095,834 9,942,387	YEAR	Mar.	16.6	16.4	17.4	18.5	18.1	17.4	15.6	17.0	15.3	15.8	16.8	16.0
		June	20.5	18.5	21.7	20.7	25.5	18.4	19.8	21.5	16.6	18.4	20.2	18.9
		Sept.	17.1	16.2	16.5	21.7	17.2	16.4	15.0	16.9	14.5	15.6	16.7	15.4
		Dec.	13.5	14.6	14.1	14.2	13.9	16.5	12.7	14.4	13.7	14.3	14.2	14.9

* 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. Since the beginning of 1894 the Town Districts have consisted 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, resided within the boundaries of Urban Districts. The Country Districts have consisted 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, 1849-98.

YEAR.	NAMES ON THE REGISTERS AT THE END OF EACH YEAR.				SEARCHES IN THE REGISTERS, INCLUDING NON-PAROCHIAL.		AMOUNT RECEIVED FOR SEARCHES AND FOR CERTIFICATES.*
	PERSONS MARRIED.	BIRTHS.	DEATHS.	TOTAL.	NUMBER.*		
1849	3,250,260	6,518,094	4,590,533	14,358,887	2,534	£ s. d.	
1850	3,555,748	7,111,516	4,959,528	15,626,792	2,562	357 1 6	
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 0†	
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	45,861,837	28,793,568	96,718,387	63,825	8,450 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, 1876-98.

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	1,283
1878	3,455	2,845	1,437	1,285
1879	3,624	2,999	1,569	1,122
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	3,778	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	1,269
1893	3,633	2,884	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

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, 1878-98.

(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	5,380	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

TABLE 34.—ARMY. Strength and Mortality, 1869—98.

(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 ..	186,389	97,635	88,754	2,136	1,007	1,129	11.5	10.3	12.7
1875 ..	184,669	97,193	87,476	2,269	1,061	1,208	12.3	10.9	13.8
1876 ..	184,433	97,146	87,287	2,102	930	1,172	11.4	9.6	13.4
1877 ..	190,502	101,904	88,598	1,801	856	945	9.5	8.4	10.7
1878 ..	200,758	109,201	91,557	2,249	778	1,471	11.2	7.1	16.1
1879 ..	191,290	88,215	103,075	4,239	796	3,443	22.2	9.0	33.4
1880 ..	188,986	91,887	97,099	3,333	756	2,577	17.6	8.2	26.5
1881 ..	188,798	91,946	96,852	2,650	844	1,806	14.0	9.2	18.6
1882 ..	189,229	94,295	94,934	2,224	806	1,418	11.8	8.5	14.9
1883 ..	181,971	90,071	91,900	1,783	672	1,111	9.8	7.5	12.1
1884 ..	183,004	89,994	93,010	1,611	523	1,088	8.8	5.8	11.7
1885 ..	198,064	91,579	106,485	2,730	735	1,995	13.8	8.0	18.7
1886 ..	203,805	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	109,408	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

TABLE 35.—ROYAL NAVY. Mortality in the Service Afloat, 1859—98.

(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.
1859 ..	16.7	11.8	4.9	1879 ..	8.6	6.2	2.4
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 ..	16.3	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

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.	YEAR.	No. of PERSONS EMPLOYED.	No. of DEATHS REPORTED.	DEATH-RATE per 1000.
1861 ..	171,957	3,580	20.8	1880 ..	192,972	4,100	21.2
1862 ..	173,863	3,620	20.8	1881 ..	192,903	4,464	23.1
1863 ..	184,727	3,380	18.3	1882 ..	195,937	4,659	23.8
1864 ..	195,756	3,893	19.9	1883 ..	200,727	4,451	22.2
1865 ..	197,643	4,600	23.3	1884 ..	199,654	3,757	18.8
1866 ..	196,371	4,866	25.8	1885 ..	198,781	3,286	16.5
1867 ..	196,340	5,283	26.9	1886 ..	204,470	3,546	17.3
1868 ..	197,502	5,237	26.6	1887 ..	220,266	3,384	15.4
1869 ..	195,490	4,832	24.7	1888 ..	223,673	3,114	13.9
1870 ..	195,962	4,523	23.1	1889 ..	230,263	3,018	13.1
1871 ..	199,738	4,338	21.7	1890 ..	236,108	3,305	14.0
1872 ..	203,720	4,123	20.2	1891 ..	240,480	3,263	13.6
1873 ..	202,239	5,393	26.6	1892 ..	241,735	3,452	14.3
1874 ..	203,606	4,602	22.6	1893 ..	240,974	3,199	13.2
1875 ..	199,667	4,076	20.4	1894 ..	240,458	3,305	13.7
1876 ..	198,638	4,151	20.9	1895 ..	240,486	3,597	14.9
1877 ..	196,562	4,181	21.3	1896 ..	231,736	2,953	12.7
1878 ..	195,585	3,870	19.8	1897 ..	233,780	2,730	11.7
1879 ..	193,548	3,692	19.0	1898 ..	231,385	2,637	11.4

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 Acts, whose crews are not included in the employment column.

Since 1886 masters are included in both columns, and the employment and mortality figures relate only to persons employed in 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.—MERCHANT SERVICE. Births and Deaths at Sea among Passengers (British Subjects), reported to the Registrar-General of Seamen.

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

YEAR.	BIRTHS.			DEATHS.		
	Total.	Males.	Females.	Total.	Males.	Females.
1868 ..	272	147	125	666	470	196
1869 ..	258	134	124	553	369	184
1870 ..	315	169	146	800	536	264
1871 ..	208	106	102	445	299	146
1872 ..	289	142	147	548	372	176
1873 ..	309	145	164	1,207	765	442
1874 ..	510	244	266	1,744	1,015	729
1875 ..	357	184	173	786	510	276
1876 ..	364	181	183	738	464	274
1877 ..	287	148	139	646	428	218
1878 ..	291	150	141	613	408	205
1879 ..	344	184	160	776	526	250
1880 ..	208	104	104	421	267	154
1881 ..	169	84	85	612	415	197
1882 ..	266	131	135	678	492	186
1883 ..	430	228	202	941	607	334
1884 ..	264	132	132	799	528	271
1885 ..	141	62	79	598	439	159
1886 ..	172	88	84	515	351	164
1887 ..	144	73	71	870	544	326
1888 ..	129	64	65	447	300	147
1889 ..	128	70	58	484	353	131
1890 ..	108	65	43	515	362	153
1891 ..	87	36	51	386	279	107
1892 ..	77	41	36	412	293	119
1893 ..	78	44	34	420	304	116
1894 ..	55	35	20	334	232	102
1895 ..	60	36	24	365	283	82
1896 ..	59	26	33	464	321	143
1897 ..	50	31	19	326	241	85
1898 ..	47	21	26	409	304	105

NOTE.—Natives of British India are not included in these columns, but some persons whose nationality is not stated are included as they are supposed to have been British.

TABLE 38.—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.
1849	1808	- 63	23.9	- 0.2	78	- 3	50.0	+ 0.7
1850	1841	- 30	19.7	- 4.4	79	- 2	49.3	0.0
1851	1730	-141	21.6	- 2.6	78	- 3	49.2	- 0.1
1852	1781	- 90	34.2	+10.1	76	- 5	50.6	+ 1.3
1853	1597	-274	29.0	+ 4.9	79	- 2	47.7	- 1.6
1854	1731	-140	18.7	- 5.4	83	+ 2	48.9	- 0.4
1855	1659	-212	21.1	- 3.0	83	+ 2	47.1	- 2.2
1856	1775	- 96	22.2	- 1.9	83	+ 2	49.0	- 0.3
1857	1562	-309	21.4	- 2.7	83	+ 2	51.0	+ 1.7
1858	1626	-245	17.8	- 6.3	79	- 2	49.2	- 0.1
1859	1598	-273	25.9	+ 1.8	80	- 1	50.7	+ 1.4
1860	1676	-195	32.0	+ 7.9	84	+ 3	47.0	- 2.3
1861	1666	-205	20.8	- 3.3	84	+ 3	49.4	+ 0.1
1862	1680	-191	26.2	+ 2.1	84	+ 3	49.5	+ 0.2
1863	1775	- 96	20.0	- 4.1	80	- 1	50.3	+ 1.0
1864	1597	-274	16.7	- 7.4	78	- 3	48.5	- 0.8
1865	1553	-318	29.0	+ 4.9	80	- 1	50.3	+ 1.0
1866	1917	+ 46	30.7	+ 6.6	82	+ 1	49.8	+ 0.5
1867	1981	+110	28.4	+ 4.3	82	+ 1	48.6	- 0.7
1868	2029	+158	25.2	+ 1.1	78	- 3	51.5	+ 2.2
1869	2043	+172	24.0	- 0.1	81	0	49.5	+ 0.2
1870	1872	+ 1	18.5	- 5.6	79	- 2	48.7	- 0.6
1871	1749	-122	22.3	- 1.8	81	0	48.7	- 0.6
1872	1998	+127	30.0	+ 5.9	82	+ 1	50.7	+ 1.4
1873	1940	+ 69	23.4	- 0.7	82	+ 1	48.9	- 0.4
1874	1915	+ 44	20.0	- 4.1	82	+ 1	49.3	0.0
1875	1942	+ 71	28.2	+ 4.1	80	- 1	49.2	- 0.1
1876	2036	+165	24.2	+ 0.1	80	- 1	50.1	+ 0.8
1877	2184	+213	26.9	+ 2.8	79	- 2	49.4	+ 0.1
1878	1880	+ 9	29.2	+ 5.1	81	0	49.6	+ 0.3
1879	1873	+ 2	31.3	+ 7.2	83	+ 2	46.2	- 3.1
1880	1928	+ 57	29.8	+ 5.7	84	+ 3	49.4	+ 0.1
1881	2030	+159	25.2	+ 1.1	81	0	48.7	- 0.6
1882	2151	+280	25.2	+ 1.1	84	+ 3	49.7	+ 0.4
1883	2058	+187	21.9	- 2.2	82	+ 1	49.4	+ 0.1
1884	2034	+163	18.1	- 6.0	80	- 1	50.7	+ 1.4
1885	2008	+137	24.0	- 0.1	81	0	48.6	- 0.7
1886	1962	+ 91	24.2	+ 0.1	81	0	48.7	- 0.6
1887	1927	+ 56	19.9	- 4.2	79	- 2	47.8	- 1.5
1888	2049	+178	27.5	+ 3.4	82	+ 1	47.7	- 1.6
1889	1934	+ 63	23.3	- 0.8	83	+ 2	48.8	- 0.5
1890	1946	+ 75	21.9	- 2.2	81	0	48.6	- 0.7
1891	1945	+ 74	25.1	+ 1.0	82	+ 1	48.4	- 0.9
1892	1863	- 8	22.3	- 1.8	80	- 1	48.1	- 1.2
1893	1909	+ 38	20.1	- 4.0	76	- 5	51.1	+ 1.8
1894	2019	+148	26.9	+ 2.8	81	0	49.9	+ 0.6
1895	1951	+ 80	19.7	- 4.4	78	- 3	49.3	0.0
1896	1932	+ 61	22.4	- 1.7	79	- 2	50.2	+ 0.9
1897	2033	+162	22.1	- 2.0	79	- 2	50.3	+ 1.0
1898	1956	+ 85	18.9	- 5.3	78	- 3	51.3	+ 2.0
Average in 50 Years.	1871	—	24.1	—	81	—	49.3	—

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

1849-98. By JAMES GLAISHER, Esq., F.R.S.

MEAN TEMPERATURES of the AIR in the Quarters ending the last day of								YEAR.
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.	
41.9	+ 2.2	51.7	- 1.1	61.0	+ 0.8	44.8	+ 0.6	1849
39.4	- 0.3	53.5	+ 0.7	59.6	- 0.6	44.7	+ 0.5	1850
41.9	+ 2.2	51.5	- 1.3	59.8	- 0.4	43.7	- 0.5	1851
41.4	+ 1.7	51.2	- 1.6	61.8	+ 1.6	48.1	+ 3.9	1852
38.1	- 1.6	51.8	- 1.0	58.5	- 1.7	42.3	- 1.9	1853
40.8	+ 1.1	51.7	- 1.1	59.8	- 0.4	43.7	- 0.5	1854
34.1	- 5.6	50.5	- 2.3	60.4	+ 0.2	42.7	- 1.5	1855
40.0	+ 0.3	52.3	- 0.5	59.9	- 0.3	44.2	0.0	1856
39.2	- 0.5	53.8	+ 1.0	63.3	+ 3.1	47.9	+ 3.7	1857
37.8	- 1.9	54.3	+ 1.5	61.0	+ 0.8	43.8	- 0.4	1858
43.3	+ 3.6	53.7	+ 0.9	62.8	+ 2.6	43.3	- 0.9	1859
38.8	- 0.9	50.5	- 2.3	56.2	- 4.0	42.6	- 1.6	1860
39.9	+ 0.2	51.8	- 1.0	60.4	+ 0.2	45.5	+ 1.3	1861
41.0	+ 1.3	53.3	+ 0.5	58.8	- 1.4	45.0	+ 0.8	1862
42.6	+ 2.9	53.1	+ 0.3	58.8	- 1.4	46.8	+ 2.6	1863
37.9	- 1.8	53.1	+ 0.3	59.4	- 0.8	43.7	- 0.5	1864
36.5	- 3.2	56.2	+ 3.4	62.5	+ 2.3	46.0	+ 1.8	1865
41.2	+ 1.5	53.0	+ 0.2	58.9	- 1.3	46.2	+ 2.0	1866
38.9	- 0.8	53.5	+ 0.7	59.7	- 0.5	42.5	- 1.7	1867
41.4	+ 1.7	55.8	+ 3.0	63.9	+ 3.7	45.1	+ 0.9	1868
41.3	+ 1.6	52.0	- 0.8	61.4	+ 1.2	43.3	- 0.9	1869
38.0	- 1.7	54.4	+ 1.6	60.7	+ 0.5	41.6	- 2.6	1870
40.2	+ 0.5	51.5	- 1.3	61.3	+ 1.1	41.8	- 2.4	1871
43.6	+ 3.9	52.8	0.0	61.1	+ 0.9	45.3	+ 1.1	1872
39.4	- 0.3	51.8	- 1.0	60.3	+ 0.1	44.2	0.0	1873
41.4	+ 1.7	52.8	0.0	60.9	+ 0.7	42.3	- 1.9	1874
39.5	- 0.2	53.4	+ 0.6	60.7	+ 0.5	43.1	- 1.1	1875
39.5	- 0.2	51.7	- 1.1	61.8	+ 1.6	47.0	+ 2.8	1876
42.3	+ 2.6	51.9	- 0.9	58.5	- 1.7	45.0	+ 0.8	1877
41.5	+ 1.8	54.6	+ 1.8	60.8	+ 0.6	41.6	- 2.6	1878
37.1	- 2.6	49.5	- 3.3	58.1	- 2.1	39.9	- 4.3	1879
39.8	+ 0.1	52.4	- 6.4	61.4	+ 1.2	44.0	- 0.2	1880
37.3	- 2.4	52.9	+ 0.1	60.0	- 0.2	44.6	+ 0.4	1881
42.3	+ 2.6	53.0	+ 0.2	58.1	- 2.1	44.7	+ 0.5	1882
40.0	+ 0.3	53.0	+ 0.2	59.5	- 0.7	44.9	+ 0.7	1883
43.4	+ 3.7	52.5	- 0.3	62.7	+ 2.5	44.1	- 0.1	1884
40.3	+ 0.6	52.4	- 0.4	59.1	- 1.1	42.8	- 1.4	1885
36.5	- 3.2	52.5	- 0.3	61.2	+ 1.0	44.6	+ 0.4	1886
37.3	- 2.4	51.6	- 1.2	61.0	+ 0.8	41.3	- 2.9	1887
36.9	- 2.8	51.6	- 1.2	57.6	- 2.7	44.6	+ 0.4	1888
38.2	- 1.5	54.5	+ 1.7	58.9	- 1.3	43.5	- 0.7	1889
41.4	+ 1.7	52.8	0.0	58.4	- 0.8	40.8	- 3.4	1890
37.6	- 2.1	51.6	- 1.2	59.3	- 0.9	45.0	+ 0.8	1891
37.5	+ 2.2	53.4	+ 0.6	59.2	- 1.0	42.3	- 1.9	1892
40.9	+ 1.2	57.0	+ 4.2	61.9	+ 1.7	44.6	+ 0.4	1893
41.4	+ 1.7	53.3	+ 0.5	58.6	- 1.6	46.4	+ 2.2	1894
35.2	- 4.5	55.1	+ 2.3	62.3	+ 2.1	44.7	+ 0.5	1895
42.2	+ 2.5	55.6	+ 2.8	60.4	+ 0.2	42.4	- 1.8	1896
41.1	+ 1.4	53.1	+ 0.3	60.9	+ 0.7	46.0	+ 1.8	1897
41.5	+ 1.8	52.4	- 0.4	62.7	+ 2.5	48.5	+ 4.3	1898
39.7	—	52.8	—	60.2	—	44.2	—	{ Average in 50 Years.

TABLE 39.—Quarterly Meteorological
Compiled by JAMES GLAISHER, Esq., F.R.S., from Tables

1898. 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 57 Years.	Mean.	Diff. from Average of 57 Years.	
	Mean.	Diff. from Average of 127 Years.	Mean.	Diff. from Average of 57 Years.	Mean.	Diff. from Average of 57 Years.	Mean.	Diff. from Average of 57 Years.					
	Jan., Feb., March.	April, May, June.	July, Aug., Sept.	Oct., Nov., Dec.									
	°	°	°	°	°	°	°	°	in.	in.	grs.	gr.	
	51.3	+ 2.6	+ 2.0	47.8	+ 1.4	44.4	+ 0.9	14.7	- 1.4	301	+ .008	3.4	+ 0.1
	41.5	+ 2.6	+ 1.8	39.2	+ 1.3	36.2	+ 1.0	10.5	- 1.3	215	+ .008	2.5	+ 0.1
	52.4	0.0	- 0.5	48.5	- 0.6	44.8	- 0.6	16.8	- 3.2	300	- .006	3.4	0.0
	62.7	+ 3.0	+ 2.5	57.3	+ 1.0	52.8	- 0.2	21.2	+ 1.5	399	- .004	4.4	- 0.1
	48.5	+ 4.8	+ 4.2	46.3	+ 3.9	44.0	+ 3.5	10.3	- 1.4	291	+ .035	3.3	+ 0.2

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

TABLE 40.—Monthly Meteorological
By JAMES

1898. MONTH.	Mean Reading of the Barometer.	Temperature of the Air.							Departure from Average of 127 Years (1771-1897).	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. 30.151	° 54.5	° 30.0	° 24.5	° 47.1	° 39.3	° 7.8	° 43.6	+ 6.9	° 39.5
February ..	29.771	55.8	26.1	29.7	46.9	36.0	10.9	41.2	+ 2.4	35.1
March ..	29.702	60.0	27.2	32.8	46.8	34.0	12.8	39.8	- 1.4	34.0
April ..	29.743	67.2	29.7	37.5	57.4	39.8	17.6	48.0	+ 1.8	39.7
May ..	29.664	75.0	36.0	39.0	60.2	44.9	15.3	51.7	- 0.9	44.6
June ..	29.814	78.4	40.0	38.4	67.3	49.8	17.5	57.6	- 0.8	50.0
July ..	29.935	82.0	44.6	37.4	72.3	52.7	19.6	61.5	- 0.2	51.9
August ..	29.845	90.0	48.0	42.0	75.9	55.2	20.7	64.6	+ 3.7	55.0
September ..	29.930	92.1	39.9	52.2	74.5	51.3	23.2	62.1	+ 5.5	51.4
October ..	29.669	69.2	37.9	31.2	59.6	48.4	11.2	53.8	+ 4.4	48.6
November ..	29.678	60.3	29.0	31.3	51.0	40.5	10.5	45.9	+ 3.4	42.7
December ..	29.897	57.8	28.6	29.2	49.9	40.7	9.2	45.8	+ 6.7	40.8
Means ..	29.816	70.2	34.8	35.4	59.1	44.4	14.7	51.3	+ 2.6	44.4

Elements, Greenwich, 1898.

furnished to the Registrar-General by the Astronomer Royal.

1898. YEAR .. Winter Quarter Spring do. Summer do. Autumn do.	Degree of Humidity.	Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.	Reading of Thermometer on Grass.					1898. YEAR .. Winter Quarter Spring do. Summer do. Autumn do.		
		Mean.	Diff. from Average of 57 Years.	Mean.	Diff. from Average of 57 Years.		Amount.	Diff. from Average of 57 Years.	Number of Nights it was				Lowest Reading at Night.	Highest Reading at Night.
									At or below 39°.	Between 39° and 40°.	Above 40°.			
	Mean.	ins.	in.	grs.	grs.	Sums.	Sums.			°	°			
	78	- 4	29.816	+ .040	540	- 1	ins. 18.85	ins. - 6.07	64	114	187	18.1	60.9	
	81	- 3	29.875	+ .100	552	- 0	3.24	- 1.71	40	39	11	22.2	44.9	Winter Quarter.
	75	- 1	29.740	- .045	538	- 0	5.32	- 0.29	6	30	55	25.4	55.4	Spring do.
	70	- 7	29.903	+ .111	529	- 1	2.51	- 4.77	0	10	82	32.8	60.9	Summer do.
	85	- 4	29.748	- .004	542	- 4	7.78	+ 0.70	18	35	39	18.1	50.2	Autumn do.

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

Elements, Greenwich, 1898.

GLAISHER, Esq., F.R.S.

1898. 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.		1898. MONTH.
						N.	E.	S.	W.		Number of Days on which measured.	Amount collected.	
January.	ins. 242	grs. 2.8	grs. 0.5	85	grs. 555	3	4	11	13	8.1	8	ins. 0.65	January.
February.	204	2.4	0.6	79	551	6	1	5	16	7.2	12	1.19	February.
March.	196	2.3	0.6	80	551	9	8	5	9	6.8	14	1.40	March.
April.	244	2.8	1.0	73	544	4	9	9	8	5.7	10	0.93	April.
May.	295	3.4	1.0	77	537	9	6	9	7	7.3	22	2.64	May.
June.	361	4.0	1.3	76	533	10	3	7	10	7.0	11	1.75	June.
July.	386	4.3	1.8	72	531	12	5	4	10	6.5	9	1.34	July.
August.	433	4.8	1.9	71	526	6	6	8	11	4.9	11	0.86	August.
September.	379	4.2	2.0	68	530	6	8	9	7	3.3	5	0.31	September.
October.	343	3.9	0.8	83	535	4	10	10	7	7.0	17	3.15	October.
November.	274	3.1	0.4	89	544	4	9	10	7	6.5	13	2.41	November.
December.	255	2.9	0.6	84	548	4	1	13	13	6.8	10	2.22	December.
Means.	301	3.4	1.0	78	540	77	70	100	118	6.4	142	18.85	Means.

TABLE 43.—ENGLAND AND WALES Prices and Pauperism, 1849-98.

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.	d.	d.	s. d.						
1849	94 5 0	44 3	—	—	—	—	—	—	62'0	7'6	54'4	140		
1850	96 15 0	40 3	3½	—	—	—	—	—	56'7	6'9	49'8	139		
1851	97 7 6	38 6	3½	—	—	—	—	—	52'4	6'4	46'0	138		
1852	100 3 9	40 10	3½	—	—	—	—	—	50'3	6'1	44'2	138		
1853	97 14 1	53 3	4½	—	—	—	—	—	48'2	6'0	42'2	142		
1854	91 15 8	72 5	4½	—	—	—	—	—	46'4	6'0	40'4	138		
1855	90 7 2	74 8	4½	—	—	—	—	—	47'7	6'5	41'2	156		
1856	92 18 9	69 2	4½	—	—	—	—	—	48'2	6'6	41'6	158		
1857	91 16 3	56 4	4½	—	—	—	—	—	44'6	6'3	38'3	165		
1858	96 19 5	44 2	4½	—	—	—	—	—	44'7	6'2	38'5	160		
1859	95 0 0	43 9	4½	—	—	—	—	—	41'5	5'6	35'9	157		
1860	93 19 8	53 3	4	—	—	—	—	—	40'1	5'6	34'5	161		
1861	92 0 8	55 4	4	—	—	—	—	—	41'9	6'1	35'8	170		
1862	93 8 9	55 5	4	—	—	—	—	—	46'7	6'4	40'3	160		
1863	92 17 10	44 9	4½	—	—	—	—	—	48'0	6'3	41'7	151		
1864	90 6 3	40 2	4½	—	—	—	—	—	43'8	6'1	37'7	161		
1865	89 11 7	41 10	4½	—	—	—	—	—	41'9	6'0	35'9	168		
1866	87 16 11	49 11	4	—	—	—	—	—	40'5	6'1	34'4	176		
1867	93 1 3	64 5	4	—	—	—	—	—	42'5	6'4	36'1	178		
1868	93 19 5	63 9	4	—	—	—	—	—	43'6	6'8	36'8	183		
1869	93 2 2	48 2	4	—	—	—	—	—	43'4	6'7	36'7	183		
1870	92 13 2	46 10	4	—	—	—	—	—	43'5	6'6	36'9	180		
1871	92 18 5	56 8	5	—	—	—	—	—	41'6	6'3	35'3	179		
1872	92 10 8	57 0	5	—	—	—	—	—	36'9	6'0	30'9	192		
1873	92 14 8	58 8	5	—	—	—	—	—	33'9	5'9	28'0	210		
1874	92 12 6	55 8	5	—	—	—	—	—	31'5	5'8	25'7	225		
1875	93 15 11	45 2	5	—	—	—	—	—	29'7	5'6	24'1	233		
1876	95 5 8	46 2	5	—	—	—	—	—	19 1	27'5	21'8	260		
1877	95 10 0	56 9	4	—	—	—	—	—	17 5	27'0	21'0	283		
1878	95 5 0	46 5	4	—	—	—	—	—	16 4	27'3	21'1	293		
1879	97 12 10	43 10	4	—	—	—	—	—	15 11	29'0	22'5	290		
1880	98 10 8	44 4	4	—	—	—	—	—	14 10	28'4	21'7	310		
1881	100 2 6	45 4	4	—	—	—	—	—	16 0	28'2	21'4	318		
1882	100 17 10	45 1	4	—	—	—	—	—	15 10	27'2	20'5	325		
1883	101 8 2	41 7	5	—	—	—	—	—	16 10	26'7	20'1	331		
1884	101 4 8	35 8	4	—	—	—	—	—	15 5	26'0	19'4	339		
1885	99 4 8	32 10	3	—	—	—	—	—	15 5	26'0	19'4	338		
1886	100 17 10	31 0	3	—	—	—	—	—	14 9	26'6	20'0	328		
1887	101 16 2	32 6	3	—	—	—	—	—	14 10	26'2	19'6	336		
1888	101 0 0	31 10	3	—	—	—	—	—	14 10	26'0	19'4	337		
1889	98 0 9	29 9	—	—	—	—	—	—	16 6	25'0	18'6	345		
1890	96 10 0	31 11	—	—	—	—	—	—	18 7	23'8	17'6	350		
1891	95 14 8	37 0	—	—	—	—	—	—	18 3	22'8	16'8	360		
1892	96 13 6	30 3	4	—	—	—	—	—	17 7	22'7	16'6	370		
1893	98 7 4	26 4	4	—	—	—	—	—	19 0	23'2	16'8	378		
1894	101 1 5	22 10	3	—	—	—	—	—	16 1	23'4	16'9	386		
1895	106 3 3	23 1	4	—	—	—	—	—	14 7	24'3	17'7	376		
1896	110 5 7	26 2	3	—	—	—	—	—	14 4	23'4	16'9	385		
1897	112 8 0	30 2	3	—	—	—	—	—	15 7	23'1	16'6	392		
1898	110 19 6	34 0	3	—	—	—	—	—	16 2	23'0	16'5	393		

* The prices of Consols for the years 1849-52 relate to the 12 months beginning 1st April; from 1853 onwards the prices relate to calendar years. For the years 1849-88 the prices relate to stock bearing 3 per cent. interest, for 1889-98 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 44.—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 27 years 1871-97	31'8	33'0	32'9	24'4	31'4	30'6	29'1	38'3	43'1	29'2	37'6 (26 yrs.)	37'9	34'6	30'5	24'1	36'9
1871	33'7	35'0	34'5	28'1	30'2	29'2	30'4	38'9	43'0	29'1	—	33'8	35'4	31'0	22'6	37'0
1872	34'3	35'6	34'9	27'8	30'3	29'7	30'0	39'1	41'0	30'0	39'5	39'8	36'0	32'3	26'8	37'9
1873	34'0	35'4	34'8	27'1	30'8	29'9	30'8	39'9	42'2	29'9	39'7	39'6	36'2	32'5	26'1	36'3
1874	34'4	36'0	35'6	26'6	30'9	30'7	30'9	39'7	42'7	30'5	40'1	40'2	36'4	32'6	26'2	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	40'8	36'6	32'5	26'0	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	25'0	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	24'5	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	24'8	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	24'2	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	30'8	27'7	37'9	43'7	27'8	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	26'7	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	28'2	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	27'9	35'7	36'3	32'0	28'9	22'1	36'3
1893	29'9	30'8	31'0	23'0	30'6	30'7	27'4	37'9	42'5	28'3	36'8	37'5	33'8	29'5	22'9	36'7
1894	28'9	29'6	30'2	22'9	30'2	29'8	27'1	36'7	41'3	27'8	35'9	36'6	32'7	29'0	22'4	35'7
1895	29'5	30'4	30'4	23'2	30'2	30'6	27'5	38'1	41'5	27'9	36'1	36'9	32'8	28'5	21'9	35'1
1896	29'2	29'7	30'9	23'6	30'5	30'4	27'2	38'0	40'3	28'8	36'3	36'9	32'7	29'0	22'7	35'0
1897	29'1	29'7	30'6	23'5	29'9	30'0	26'7	37'5	40'1	29'1	36'0	36'6	32'5	29'0	22'4	35'0
1898	28'9	29'4	30'8	23'2	30'5	30'3	—	36'2	3							

TABLE 45.—UNITED KINGDOM. Population, Marriages, Births, and Deaths, 1864-98.

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	310,055	620,110	1,159,601	712,951	15.4	28.9	17.7

* Census year.

TABLE 46.—ENGLAND AND WALES. Population, Marriages, Births, and Deaths, 1849-98.

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.
1849	17,564,656	141,883	283,766	578,159	440,839	16.2	32.9	25.1
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	885,331	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	223,204	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	923,265	552,141	16.3	29.4	17.6

* Census year.

TABLE 47.—SCOTLAND. Population, Marriages, Births, and Deaths, 1855-98.
(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	32,096	64,192	130,879	78,406	15·1	30·8	18·4

* Census year.

TABLE 48.—IRELAND. Population, Marriages, Births, and Deaths, 1864-98.
(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

* Census year.

TABLE 49.—DENMARK (the Kingdom properly so-called). **Population, Marriages, Births, and Deaths, 1861-98.**

(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	55,142	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	17,488	34,976	69,522	38,712	15·0	29·9	16·6
1898	2,350,100	17,872	35,744	71,677	36,669	15·2	30·5	15·6

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 50.—NORWAY. **Population, Marriages, Births, and Deaths, 1871-98.**

(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	12,674	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	63,417	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	14,970	29,940	64,700	32,600	14·0	30·3	15·2

* Census year.

TABLE 51.—SWEDEN. Population, Marriages, Births, and Deaths, 1851-98.

(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	—	—	—	—	—	—	—	—

* Census year

TABLE 52.—AUSTRIA. Population, Marriages, Births, and Deaths, 1853-98.

(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	577,177	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	333,322	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*	21,981,821	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	25,195,015	203,843	407,686	944,764	646,019	16.2	37.5	25.6
1898	25,469,102	199,723	399,446	922,745	635,341	15.7	36.2	24.9

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 53.—HUNGARY.* Population, Marriages, Births, and Deaths, 1866-98.

(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	17,544,000	150,825	301,650	742,416	581,263	17·2	42·3	33·1
1892	17,672,000	162,707	325,414	712,608	618,765	18·4	40·3	35·0
1893	17,820,000	166,511	333,022	758,222	554,941	18·7	42·5	31·1
1894	18,021,000	166,075	332,150	744,995	547,194	18·4	41·3	30·4
1895	18,229,636	153,931	307,862	755,687	538,768	16·9	41·5	29·6
1896	18,441,509	147,477	294,954	742,936	530,368	16·0	40·3	28·8
1897	18,668,302	151,176	302,352	748,097	529,020	16·2	40·1	28·4
1898	18,862,260	156,208	312,416	706,833	524,390	16·6	37·7	27·9

* 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 54.—SWITZERLAND. Population, Marriages, Births, and Deaths, 1868-98.

(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	30·0	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	2,925,214	20,691	41,382	81,176	59,715	14·2	27·8	20·4
1890	2,938,009	20,836	41,672	78,548	61,805	14·2	26·7	21·0
1891	2,964,720	21,264	42,528	83,596	61,183	14·4	28·2	20·6
1892	2,983,630	21,884	43,768	83,125	57,178	14·6	27·9	19·2
1893	3,002,975	21,884	43,768	84,897	61,059	14·6	28·3	20·3
1894	3,022,851	22,188	44,376	84,142	61,885	14·6	27·8	20·5
1895	3,044,716	22,682	45,364	84,973	59,747	14·8	27·9	19·6
1896	3,069,233	23,784	47,568	88,428	56,096	15·4	28·8	18·3
1897	3,094,529	24,954	49,908	89,988	56,399	16·2	29·1	18·2
1898	3,119,835	25,114	50,228	91,793	58,914	16·0	29·4	18·9

* Census year.

TABLE 55.—GERMAN EMPIRE. Population, Marriages, Births, and Deaths, 1872-98.

(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

* Census year.

TABLE 56.—PRUSSIA. Population, Marriages, Births, and Deaths, 1855-98.

(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	601,057	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	699,464	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	699,523	429,973	16·7	38·6	23·7
1861*	18,394,861	146,992	293,984	693,089	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	745,346	492,079	17·3	39·5	26·1
1864*	19,134,883	165,590	331,180	759,128	503,288†	17·3	39·7	26·3†
1865	19,363,435	176,236	352,472	761,451	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	885,317	614,872	18·6	37·1	25·8
1868	24,066,759	212,958	425,916	887,997	658,754	17·7	36·9	27·4
1869	24,260,862	216,914	433,828	919,302	632,196	17·9	37·9	26·1
1870	24,484,786	181,539	363,078	938,746	665,982†	14·8	38·3	27·2†
1871*	24,630,440	196,330	392,660	833,412	709,301†	15·9	33·8	28·8†
1872	24,750,637	255,886	511,772	984,493	725,964	20·7	39·8	29·3
1873	24,948,408	253,327	506,654	989,346	699,682†	20·3	39·6	29·0†
1874	25,219,818	245,224	490,448	1,013,732	652,235	19·4	40·2	25·9
1875*	25,549,935	231,331	462,662	1,042,325	679,923	18·1	40·8	26·6
1876	25,950,148	221,727	443,454	1,057,020	660,452	17·1	40·7	25·4
1877	26,305,317	210,357	420,714	1,048,901	672,432	16·0	39·9	25·6
1878	26,634,797	207,716	415,432	1,032,325	686,335	15·6	38·7	25·8
1879	26,952,742	206,752	413,504	1,051,972	666,629	15·3	39·0	24·7
1880*	27,205,339	208,456	416,912	1,029,158	692,939	15·3	37·8	25·5
1881	27,382,662	209,586	419,172	1,013,047	682,382	15·3	37·0	24·9
1882	27,560,419	217,239	434,478	1,036,255	700,352	15·8	37·6	25·4
1883	27,746,488	220,748	441,496	1,028,973	711,394	15·9	37·1	25·6
1884	27,955,360	225,939	451,878	1,051,278	718,248	16·2	37·6	25·7
1885*	28,207,721	230,707	461,414	1,064,777	717,038	16·4	37·7	25·4
1886	28,484,191	231,588	463,176	1,074,580	742,912	16·3	37·7	26·1
1887	28,790,042	229,999	459,998	1,085,274	686,333	16·0	37·7	23·8
1888	29,137,429	233,421	466,842	1,091,443	665,577	16·0	37·4	22·8
1889	29,493,056	240,996	481,992	1,094,749	682,910	16·3	37·1	23·2
1890*	29,825,633	244,657	489,314	1,092,410	717,309	16·4	36·6	24·0
1891	30,165,866	245,906	491,812	1,138,452	689,582	16·3	37·7	22·9
1892	30,501,468	245,447	490,894	1,106,694	714,790	16·1	36·3	23·4
1893	30,830,253	248,348	496,696	1,156,475	746,640	16·1	37·5	24·2
1894	31,222,040	250,960	501,920	1,143,244	679,912	16·1	36·6	21·8
1895*	31,666,802	253,729	507,458	1,168,145	689,776	16·0	36·9	21·8
1896	32,142,517	264,822	529,644	1,185,426	666,760	16·5	36·9	20·7
1897	32,638,581	274,693	549,386	1,193,981	682,981	16·8	36·6	20·9
1898	33,156,573	280,394	560,788	1,219,360	665,018	16·9	36·8	20·1

NOTE.—Prussia includes Schleswig-Holstein, Hanover, Hesse-Nassau, and Frankfort-on-Maine from the year 1867; and the Duchy of Lauenburg since the middle of the year 1876.

* Census year.

† Cholera prevailed in 1866 and 1873. The deaths for 1864, 1866, 1870, and 1871 include those of soldiers who fell in war.

TABLE 57.—THE NETHERLANDS. Population, Marriages, Births, and Deaths, 1853-98.

(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	3,885,124	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

* Census year.
† Cholera prevailed in 1859 and 1866, and caused 3,878 and 19,886 deaths respectively; small-pox caused 5,787 deaths in 1871.

TABLE 58.—BELGIUM. Population, Marriages, Births, and Deaths, 1853-98.

(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	6,586,963	54,198	108,396	190,967	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

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

TABLE 59.—FRANCE. Population, Marriages, Births, and Deaths, 1853-98.

(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	36,108,206	280,609	561,218	936,967	795,607	15.5	25.9	22.0
1854	36,249,566	270,696	541,392	923,461	992,779	14.9	25.5	27.4
1855	36,180,248	283,335	566,670	902,336	937,942	15.7	24.9	25.9
1856*	36,139,364	284,401	568,802	952,116	837,082	15.7	26.3	23.2
1857	36,268,793	295,510	591,020	940,709	858,785	16.3	25.9	23.7
1858	36,350,717	307,056	614,112	969,343	874,186	16.9	26.7	24.0
1859	36,445,874	298,417	596,834	1,017,896	979,333	16.4	27.9	26.9
1860	36,484,437	288,936	577,872	956,875	781,635	15.8	26.2	21.4
1861*	37,386,313	305,203	610,406	1,005,078	866,597	16.3	26.9	23.2
1862	37,517,752	303,514	607,028	995,167	812,978	16.2	26.5	21.7
1863	37,699,941	301,376	602,752	1,012,794	846,917	16.0	26.9	22.5
1864	37,865,818	299,579	599,158	1,005,880	860,330	15.8	26.6	22.7
1865	38,011,368	299,242	598,484	1,005,753	921,887†	15.7	26.5	24.3†
1866*	38,067,064	303,634	607,268	1,006,258	854,573†	16.0	26.4	23.2†
1867	38,188,749	300,333	600,666	1,007,755	866,887	15.7	26.4	22.7
1868	38,329,617	301,225	602,450	984,140	922,038	15.7	25.7	24.1
1869	36,835,178	303,482	606,964	948,526	864,320	16.5	25.7	23.5
1870	36,985,212	223,705	447,410	943,515	1,046,909†	12.1	25.5	28.3†
1871	36,544,067	262,476	524,952	826,121	1,271,010†	14.4	22.6	34.8†
1872*	36,102,921	352,754	705,508	966,000	793,064	19.5	26.8	22.0
1873	36,281,335	321,238	642,476	946,354	844,588	17.7	26.1	23.3
1874	36,459,749	303,113	606,226	954,652	781,709	16.6	26.2	21.4
1875	36,638,163	300,427	600,854	950,975	845,062	16.4	26.0	23.1
1876*	36,905,788	291,366	582,732	966,682	834,074	15.8	26.2	22.6
1877	37,048,410	279,094	558,188	944,576	801,954	15.1	25.5	21.6
1878	37,146,585	279,892	559,784	937,211	839,036	15.1	25.2	22.6
1879	37,365,544	282,776	565,552	936,529	839,882	15.1	25.0	22.5
1880	37,518,796	279,046	558,092	920,177	858,237	14.9	24.5	22.8
1881*	37,672,048	282,079	564,158	937,057	828,828	15.0	24.9	22.0
1882	37,769,000	281,060	562,120	935,566	838,539	14.8	24.8	22.2
1883	37,866,000	284,519	569,038	937,944	841,141	15.0	24.8	22.2
1884	37,949,000	289,555	579,110	937,758	858,784	15.3	24.8	22.2
1885	38,128,000	283,170	566,340	924,558	836,897	14.9	24.2	21.9
1886*	38,218,903	283,208	566,416	912,838	860,222	14.8	23.9	22.5
1887	38,320,000	277,060	554,120	899,333	842,797	14.5	23.5	22.0
1888	38,390,000	276,848	553,696	882,639	837,867	14.4	23.1	21.8
1889	38,460,000	272,934	545,868	880,579	794,933	14.2	23.0	20.5
1890	38,430,000	269,332	538,664	838,059	876,505	14.0	21.8	22.6
1891*	38,343,385	285,458	570,916	866,377	876,882	15.0	22.6	22.6
1892	38,343,385	290,319	580,638	855,847	875,888	15.2	22.1	22.6
1893	38,143,385	287,294	574,588	874,672	867,526	15.0	22.9	22.8
1894	38,133,385	286,662	573,324	855,388	815,620	15.0	22.4	21.4
1895	38,133,385	282,918	565,836	834,173	851,986	14.8	21.9	22.3
1896*	38,133,011	290,171	580,342	865,586	771,886	15.2	22.7	20.2
1897	38,269,011	291,462	582,924	859,107	751,019	15.2	22.4	19.6
1898	38,269,011	287,179	574,358	843,933	810,073	15.0	22.1	21.2

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

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

TABLE 60.—SPAIN. Population, Marriages, Births, and Deaths, 1861-98.

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	598,347	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	637,952	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	—	—	—	—	—	—	—	—

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 61.—ITALY. **Population, Marriages, Births, and Deaths, 1864-98.**
(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).	MARRIAGES.	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

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.