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FORTY-NINTH
ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

OF

BIRTHS, DEATHS, AND MARRIAGES
IN ENGLAND.

(1886.)

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



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REPORT

TO

The Right Honourable CHARLES T. RITCHIE, M.P.,
President of the Local Government Board, &c. &c.

*General Register Office, Somerset House,
30th November, 1887.*

(1886.)

SIR,

I HAVE the honour to submit to you the following report on the births, deaths, and marriages, registered in England and Wales in the year 1886.

POPULATION.

The births and deaths registered in the year numbered respectively 903,866 and 537,276, so that the natural increment, or excess of births over deaths, was 366,590, and equal to 1.32 per cent. of the estimated population at the beginning of the year. The population of England and Wales, as enumerated in April 1881, consisted of 25,974,439 persons. The excess of births over deaths from that date to the middle of 1886 was 1,971,600; so that the population at the later date, if its growth were determined simply by the balance between births and deaths, would have been 27,946,039. This, however, takes no account of emigration and immigration; and, as there are no data for determining with accuracy the balance between these two factors, the best method of estimating the population is to assume that the rate of growth which existed in the last intercensal period has been maintained in the years that have since elapsed. On this, which is the usual, hypothesis the population of England and Wales in the middle of 1886 consisted of 27,870,586 persons, of whom 13,562,621 were males, and 14,307,965 were females. (Table I.) It is on this population that the rates in this report have been calculated.

MARRIAGES.

The marriages registered in 1886 numbered 196,071, giving a rate of 14.1 persons married to 1000 living. This is the lowest marriage-rate recorded since civil registration began. (Tables 2 and 3.) The fall in the marriage-rate was coincident, as previous reports (cf. 44th and 48th Annual Reports) have shown to have been the general rule in recent years, not only with a fall in the value per head of British exports, but also with a fall in the average price of wheat. (Table A.)

TABLE A.—MARRIAGE-RATE, BRITISH EXPORTS and IMPORTS, PRICE of WHEAT, and amount cleared at the London Bankers' Clearing House, 1860-86.*

YEARS.	Marriage-rate.	Value per Head of Population of United Kingdom.			Average Price of Wheat per Quarter.	Amount cleared at the Bankers' Clearing House per Head of Population.
		Exports of British Produce.	Imports.	Total Exports and Imports.		
Cols.	1.	2.	3.	4.	5.	6.
		£ s. d.	£ s. d.	£ s. d.	s. d.	£
1860	17.1	4 14 5	7 6 4	13 0 8	53 3	—
1861	16.3	4 6 4	7 10 1	13 0 3	55 4	—
1862	16.1	4 4 10	7 14 4	13 8 0	55 5	—
1863	16.8	4 19 6	8 8 11	15 2 7	44 8	—
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 9	—
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 10	210
1872	17.4	8 0 10	11 2 7	21 0 0	57 1	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 9	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	243
1882	15.5	6 16 10	11 14 0	20 7 8	45 0	236
1883	15.4	6 14 8	11 19 9	20 11 3	41 7	221
1884	15.0	6 9 7	10 16 11	19 1 6	35 8	214
1885	14.4	5 17 3	10 4 3	17 13 7	32 10	200
1886	14.1	5 15 9	9 10 7	16 17 0	31 1	212

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

Forms of Marriage.—Of the 196,067 marriages contracted in 1886, 138,567, or 70.7 per 1000, were solemnised according to the rites of the Established Church, and 57,500, or 29.3 per 1000, otherwise. The proportions had been almost exactly the same in each of the two immediately preceding years (Table 5). Among the Church marriages there was, as had been the general rule for many successive years, a slight increase in the proportion of marriages by banns and a slight diminution in the proportion of marriages by licence.

From a table, which makes its first appearance in this Report (Table 6), it will be seen that the proportion of Church marriages to total marriages varied enormously in different parts of the country. By far the lowest proportions were registered, as might be anticipated, in North and South Wales and Monmouthshire, and the proportion was also very low, less than 60 per cent., in Devonshire, Cornwall, Durham, Northumberland, and Cumberland; while the proportions were highest, in each case above 80

per cent., in London, the extra-metropolitan portion of Middlesex, Hertfordshire, Buckinghamshire, Oxfordshire, Huntingdonshire, and Essex, or, speaking generally, in London and the immediately surrounding counties, as also in Staffordshire, Worcestershire, and the little county of Rutland.

The marriages solemnised otherwise than by the rites of the Established Church were divided in much the same proportions as in recent years; the most noticeable features being that the increase in the proportion of Jewish marriages, to which attention was directed in the last Annual Report, was continued in 1886 (Table 5), and that the proportion was higher than in any previous year.

First Marriages; Re-marriages.—Of the 196,071 men whose marriages were recorded in 1886, 171,664, or 87.6 per cent., were bachelors, and 24,407, or 12.4 per cent., were widowers. Of the 171,664 bachelors, 164,167, or 95.6 per cent., married spinsters, and 7497, or 4.4 per cent., married widows. Of the 24,407 widowers who re-married, 15,134, or 62.0 per cent., married spinsters, and 9273, or 38.0 per cent., married widows.

Of the 196,071 women whose marriages were recorded in 1886, 179,301, or 91.4 per cent., were spinsters, and 16,770, or 8.6 per cent., were widows. Of the 179,301 spinsters who married, 164,167, or 91.6 per cent., married bachelors, and 15,134, or 8.4 per cent., married widowers. Of the 16,770 widows who re-married, 7497, or 44.7 per cent., married bachelors, and 9273, or 55.3 per cent., married widowers.

As compared with the returns for 1885, the marriages of bachelors, of spinsters, of widowers, and of widows, all showed a decline.

Re-marriages of Divorced Persons.—The number of persons married in the year who were described as divorced was 163, and included 78 men and 85 women; these showed a decline of 7 from the number of divorced persons married in 1885. Of the 78 divorced men, 65 married spinsters, 8 married widows, and 5 married divorced women. Of the 85 divorced women, 59 married bachelors, 21 married widowers, and 5 married divorced men.

Ages at Marriage.—In 13,609, or 6.9 per cent., of the marriages, the ages of both contracting parties were not inserted in the register. The mean age at marriage of the remaining 182,462 couples was 28.2 years for the men and 25.9 for the women. The mean age of the widowers was 43.8 and of the widows 40.1 years; while that of the bachelors was 26.2 and of the spinsters 24.6 years. The mean ages at marriage, as was noticed in the last Annual Report, have been gradually rising since 1873, when they were at their minima, and the figures just given for bachelors and spinsters are the highest as yet recorded; but, notwithstanding this, under-age marriages are still very numerous, for no fewer than 13,079, or 8.1 per cent., of the bachelors, and 39,533, or 23.6 per cent., of the spinsters, whose marriage-ages were stated in 1886, were under 21 years of age; while in 9558, or 6.2 per cent., of the marriages between bachelors and spinsters, whose ages were stated, both parties were minors.

In the last Annual Report (pp. ix-x) some account was given of the average ages at which men marry in different ranks of life. It has been found since that report was published that, by a clerical oversight, the odd months over the fully completed years of age had not been taken into account, and that consequently the average age was under-stated in each group by six months. The table, duly corrected, is here reprinted; and to it has been added another column giving the average ages of the women at marriage with men in the same groups of occupations. The table is based

on the registered ages of bachelors and spinsters only, widowers and widows alike being left out of account.

TABLE B.—AVERAGE AGES at MARRIAGE of BACHELORS and SPINSTERS in OCCUPATIONAL GROUPS, 1884-85.

Occupations.	Bachelors.	Spinsters.	Difference between the Ages of Husband and of Wife.
Miners - - - - -	24·06	22·46	-1·60
Textile hands - - - - -	24·38	23·43	-0·95
Shoemakers, Tailors - - - - -	24·92	24·31	-0·61
Artisans - - - - -	25·35	23·70	-1·65
Labourers - - - - -	25·56	23·66	-1·90
Commercial Clerks - - - - -	26·25	24·43	-1·82
Shopkeepers, Shopmen - - - - -	26·67	24·22	-2·45
Farmers and Sons - - - - -	29·23	26·91	-2·32
Professional and Independent Class	31·22	26·40	-4·82

If the two sets of figures be compared with each other it will be seen that they present a very close resemblance in their main features; for in those groups in which the men marry early, so also do the women; while in those, on the other hand, where the men postpone marriage till comparatively riper years, the wives also are more mature. Thus, the miners, and next to them the textile hands, are the groups in which the mean age at marriage is lowest both for men and for women; while the farmers and the professional and independent class come in each set of figures at the other end of the column, showing the highest mean ages both for men and for women. It is, however, noticeable, among other small points of difference between the male and female series, that while the professional and independent class are far ahead of all the other groups, farmers included, in respect of the mean age at which the men venture to marry, this is not the case with their brides, for in this respect they fall somewhat behind the farmers.

A third column in the table shows the average difference of age between the husband and wife in the several groups, and it is seen that, speaking generally, the more advanced the marriage-age, the greater is this difference. In other words, the ages of the wives in the several groups differ considerably less than do the ages of the husbands.

The marriages which served for the calculation of the mean ages in Table B. were carefully taken from all parts of the country, so that the sample might fairly represent the bulk. This precaution was absolutely necessary; for there appear to be local conditions, of which our official returns afford no explanation, that most seriously affect the age at which marriage is usually contracted in different counties. Thus, on comparing the marriages of miners for one complete year (1884) in Durham, with those of miners in Staffordshire, it was found that the proportion of under-age bridegrooms was not far from twice as high in the latter as in the former county; and, similarly, when the marriages of labourers in the two agricultural counties of Dorsetshire and Bedfordshire were compared with each other, the under-age proportion was nearly twice as high in the latter as in the former. Thus it will be seen on examining Table 8, which gives the per-centage of under-age husbands and wives in each county, that though the per-centage of the former (judged by the mean proportion in the ten years 1876-85) is very high in Leicestershire, Nottinghamshire,

Staffordshire, the West Riding, and Derbyshire, among mining and textile counties, yet it is scarcely above the average in the pre-eminently mining county of Durham; while, on the other hand, it is excessively high in Buckinghamshire, and still more so in Bedfordshire, in neither of which counties are there any miners or any notable proportion of textile hands. The local conditions or customs in these counties are apparently more potent than the occupations. As regards the marriage-ages of the wives, the county figures tally more closely with the occupational figures than do those of the men; for the counties in which on an average of ten years (1876-85) the proportions of under-age brides were highest were, beginning from the highest, Durham, Nottinghamshire, Staffordshire, Derbyshire, and the West Riding.

Signature in Marriage Register.—Of the men who married in the year, 96 per 1000, and of the women 115 per 1000, were unable to write their names, and signed the register by mark; while in 37 per 1000 of the marriages both husband and wife were alike illiterate. How great an improvement these figures imply in the diffusion of elementary education will be seen on consulting Tables 7 and 8.

Taking England and Wales as a whole, the number of men who are unable to write is considerably smaller than that of women, though the difference in this respect between the sexes is rapidly diminishing; for in 1856 there were 140 such women to 100 such men, whereas in 1886 there were but 120. But taking the counties separately there is great diversity, and the general rule, as is conspicuously visible in Table 8, is that in agricultural counties the male, and in mining and industrial counties the female, is the worse educated sex.

Buildings registered for the Solemnisation of Marriages.—The number of buildings registered for marriages by other rites than those of the Established Church, standing on the register at the end of 1886, was 9766 (Table 9), showing an increase of 173 in the course of the year, or of 1·8 per cent. on the number on the register at the end of 1885. There were also 14,818 churches or chapels in which marriages could be solemnised according to the rites of the Established Church.

Certified Places of Worship.—There were on the register at the end of 1885, 24,075 places of worship (not belonging to the Established Church), certified under Acts 15 & 16 Vict. c. 36, and 18 & 19 Vict. c. 81. During 1886, 741 new buildings were registered, while 116 were removed from the list by cancellation; thus the net increase during the year was 625, and the total number on the register on 31st December 1886 was 24,700. Doubtlessly, however, some of the buildings that stand on the register are no longer in use, for while there is a sufficient provision for the registration of all new buildings, inasmuch as the superintendent registrars receive fees for supplying the requisite information to the Registrar-General, there is no effective provision to ensure the removal from the list of such buildings as have gone out of use.

When application is made for a certificate, the applicant is called on to fill in and sign a form, in which among other particulars the precise designation of the community that purposes to make use of the building for worship is included. The great variety of such designations may be judged of from the following list, which gives the names of the several bodies that obtained certificates for additional buildings during the year 1886, and also the number of buildings certified during the year for each such body. The list, however, excludes the designations of a few sects,

in cases where, through cancellation, no increase to the number of buildings on the register occurred during the year.

Roman Catholics	16	Unsectarian Body of Christian Workers	1
Church of England	3	The Christian Assembly	1
Members of the Church of England	5	Evangelists	6
Reformed Church of England	2	Carter's Christian Association	1
Members of Established Church of England	1	Young Men's Christian Association	1
Holy Trinity Church of England Mission	1	Seamen's Christian Friendly Society	1
Presbyterians	3	Christian Brethren	4
Presbyterian Church of England	4	Christadelphians	2
Independents	10	Brethren	10
Congregationalists	41	Loving Brethren	1
Congregational Dissenters	1	Brethren in the Lord	1
Baptists	29	Unsectarian Protestants	1
English Baptists	1	Protestants Undenominated	1
General Baptists	2	Unsectarians	11
Particular Baptists	6	Undenominationists	4
Strict Baptists	3	Objected to be called by any distinctive religious appellation	3
Strict and Particular Baptists	2	Salvation Army	159
Strict Communion Baptists	1	Full Salvationists	1
Unitarians	1	Blue Ribbon Gospel Army	12
Unitarian Christians	1	St. Peter's Church Army	1
Wesleyans	6	Army of the Lord	1
Wesleyan Methodists	103	Gospel Union and Blue Ribbon Mission	1
Welsh Wesleyan Methodists	1	Colchester Gospel Band	1
Methodist New Connection	5	Army Mission Band	1
Primitive Methodists	45	Gospel Temperance Union	1
Bible Christians	7	Gospel Temperance Mission	2
United Free Methodists	12	Gospel Mission	4
United Methodists	4	Three Towns Gospel Mission	1
Gospel or Independent Methodists	1	Unsectarian Mission	1
Gospel Methodists	1	The Rescue Mission	1
Independent Methodists	2	Rescue and Evangelization Mission	5
Wesleyan Reformers	1	Christians carrying on Mission work among the Poor	1
Methodists Reform Union	1	The City Mission	3
Calvinistic Methodists	8	United Christian Mission	4
Countess of Huntingdon's Connection	1	Non-sectarian Working Men's Mission	1
Catholic and Apostolic Church	1	Unsectarian Embleton Mission	1
German Reform Congregation	1	Christian Mission	2
Plymouth Brethren	1	Working Men's Mission	4
Swedenborgians	1	Evangelical Mission	3
New Churchmen or members of the New Jerusalem Church	1	Members of the Gospel Mission Church	1
Sandemanians	1	Latter Day Saints	2
Catholics	2	The Church of Jesus Christ of Latter Day Saints	4
The Church of Christ	5	The Congregation of the Sons of the Covenant	1
Union Church	1	Spiritualists	4
The Ecclesia of Christ Christians	1	Holiness Church	1
Unsectarian Christians	1	Theists	1
		Psalms of David Society	1

BIRTHS.

The births registered in 1886 numbered 903,866, and were in the proportion of 32.4 to 1000 persons living. This is the lowest rate recorded since 1848, when the rate was also 32.4.

The rate varied from 26.7 in North Wales, 27.3 in Herefordshire, and 27.4 in Sussex, to 36.1 in Staffordshire, 36.2 in Durham, 36.8 in Essex, and 37.4 in Monmouthshire. (Table 10.) The causes of the differences presented by the registration counties in regard to their birth-rates, differences which repeat themselves with very considerable constancy year after year, have been discussed in a previous report. (42nd Annual Report, p. xiv).

Sex.—The male births numbered 460,470, and the female births numbered 443,396, the former being to the latter in the proportion of 1039 to 1000, the mean proportion in the preceding ten years having been 1038 to 1000.

Illegitimate Births.—The infants registered as born out of wedlock numbered 42,838, and were in the proportion of 1.5 to 1000 persons living, a lower rate than in any previous year (Table 2.) The proportion of births registered as illegitimate to total births was 47 to 1000, the mean proportion for the ten preceding years having been 48 per 1000. In the registration counties the proportion varied from 32 in the extra-metropolitan portion of Middlesex, 34 in Essex, and 38 in London, to 72 in Norfolk, 75 in North Wales, 79 in Cumberland, 80 in Herefordshire, and 82 in Shropshire. These differences between counties, as may be seen in Table 10, repeat themselves with much constancy.

DEATHS.

The deaths registered in 1886 numbered 537,276, and were in the proportion of 19.3 to 1000 persons living. The rate in 1885 had been 19.0, and in 1881 had been 18.9, but with these two exceptions the rate in 1886 was the lowest as yet recorded. In each of the six years 1881-6 the death-rate was below 20.0 per 1000, having been above 20.0 in every other year since civil registration began. (Table 2.)

The rate ranged from 14.7 in Westmorland, 16.0 in the extra-metropolitan part of Surrey, and 16.1 in Sussex, to 21.0 in South Wales, 21.9 in Lancashire, 22.1 in Cornwall, and 23.1 in Monmouthshire.

The rate in 1886 was below the decennial average (Table 10) in most of the registration counties, and notably in the counties forming the West Midland, the North Midland, the North-Western, the Yorkshire, and the Northern Divisions of the country; but the reverse was the case in the South Midland and the Eastern Counties, as also in the extra-metropolitan part of Kent, and in Hampshire, Dorsetshire, Devonshire, Cornwall, Herefordshire, Shropshire, Monmouthshire, and South Wales.

Sex.—The male death-rate was 20.3, and the female rate 18.3 per 1000 living of each sex respectively, giving for equal numbers living 1109 male deaths to 1000 female deaths. In no year previous to 1863 did the proportion reach 1100, while in no year since that date has it failed to be above that level. There has clearly, therefore, been some condition in operation that has prevented males from sharing equally with females in the general diminution of mortality that has been so conspicuous in recent years, and the probable explanation is that more of the male than of the female mortality is due to causes that lie outside the reducing influences of sanitary measures, such causes, for instance, as violence, overwork, drink, and generally all kinds of excess.* It is worth noting, therefore, that in

* This, however, can scarcely be the complete explanation, for a careful examination of the mortality at different ages shows that the increase of male as compared with female mortality was shared by all ages, though it was far the most marked in the age-periods which would be most affected by the causes mentioned above, namely from 25 to 55 years of age.

each of the last two years, 1885 and 1886, the male mortality was lower in proportion to the female mortality than in any year since 1866; and moreover, that while in the five years 1876-80 the average proportion of male to female deaths was, for equal numbers living, 1133 to 1000, in the six years that have since elapsed the proportion has only averaged 1120.

Ages at Death.—On looking at Tables 11-13, it will be seen that, though the general death-rate both for males and females was slightly higher in 1886 than on two previous occasions, namely 1881 and 1885, yet the rate for each separate age-period from 5 to 35 years of life was the lowest on record. The mortality in the first quinquennial period, 0-5 years, was also far below the average, though higher than on three previous occasions, viz., 1881, 1883, and 1885, in each of which years there was much less summer diarrhoea than in 1886, when the diarrhoea mortality was much above the average in the ten preceding years, and in consequence the proportion of infantile deaths to births was 149 per 1000, and higher than the average of the previous ten years, in which the proportion was only 142 to 1000 (Table 10). The year 1886 then was unfavourable to infants, as it was also to persons at the other end of life, for in each age-period from 65 years onwards the mortality was very considerably above the average of recent years.

Among the deaths were 71 of reputed centenarians, 27 of whom were males and 44 were females. In 1885 and 1884 the numbers had been 63 and 58 respectively.

Urban and Rural mortality.—The terms urban and rural are somewhat vague, and the line of demarcation between the two can only be drawn arbitrarily. In Table 25 will be found stated the sense in which the terms are here used, and it will be seen that while the urban death-rate in 1886 was 20.0, the rural rate was only 18.0 per 1000 living. This difference, however, is much less than that in most previous years, for while the urban rate previously to the beginning of the current decennium had been from 22 to 26 per cent. above the rural rate, in 1881-4 the excess was only 18 per cent., and in 1885 and 1886 fell still further to 11 per cent. (Table 24), although in the latter of these two years summer diarrhoea, a specially urban disease, was more than usually prevalent. The healthiness of towns, as measured by their death-rates, appears therefore to be improving more rapidly than the healthiness of rural districts.

REGISTERED CAUSES OF DEATH.

The assigned causes of death were distributed as follows in the several classes:—

TABLE C.—MORTALITY FROM THE SEVERAL CLASSES OF DISEASES.

Causes of Death.	Total Deaths in 1886.	Rate per Million living.						
		1886.	1885.	1884.	1883.	1882.	1881.	Mean 1871-80.
Zymotic diseases - -	73,747	2,648	2,507	3,094	2,639	3,088	2,660	3,724
Parasitic diseases - -	990	35	30	38	39	37	39	57
Dietetic diseases - -	1,656	59	59	58	66	68	66	63
Constitutional diseases -	92,751	3,330	3,276	3,404	3,407	3,395	3,328	3,594
Developmental diseases -	45,103	1,618	1,598	1,574	1,632	1,558	1,582	1,674
Local diseases - - -	276,302	9,915	9,908	9,543	9,890	9,591	9,348	9,920
Violence - - - - -	17,444	626	625	651	675	669	697	736
Ill-defined and not specified causes - - -	29,283	1,047	1,007	1,140	1,188	1,154	1,160	1,610
All causes - - - -	537,276	19,278	19,010	19,511	19,536	19,560	18,880	21,378

Zymotic or Specific Febrile Diseases.—The deaths ascribed to this class of specially preventable diseases numbered 73,747, being in the proportion of 2648 to a million persons living; a proportion, which, though not actually the lowest as yet recorded, was far below the average of the decennium 1871-80. (Table C.)

The deaths ascribed to *small-pox* numbered 275, and were far lower in proportion to the population than in any previous year. There were, however, also 93 deaths ascribed to chicken-pox; and, as this ailment is rarely if ever fatal, in all probability most or all of these deaths were really due to small-pox. Supposing this to be the case, the small-pox deaths would amount to 368, being in the proportion of 13.2 to a million living; and even this proportion was far lower than the uncorrected small-pox rate in any previous year. (Tables 16, 17, 18.)

The deaths from *typhus* were in the proportion of only 9 to a million living, a lower rate than in any previous year. In 1869, the first year in which typhus was separated from other forms of fever, the rate was 193 per million; but from that date it has fallen almost uninterruptedly, with the exception of a slight recrudescence in 1882-83, to its present low figure. This disease still, however, maintains comparative activity in some of the northern counties and notably in Lancashire and Durham; for while the annual rate per million in all England and Wales averaged 20 in the six years 1881-86, in Lancashire it averaged 77 and in Durham 63.

The deaths from *enteric fever*, perhaps the best single test of sanitary condition, were in the proportion of 182 per million living. In the immediately preceding year the rate had been 173 per million; but with this exception the rate in 1886 was the lowest recorded, and no less than 53 per cent. lower than in 1869, the first year for which the rate is known.

The death-rates from *diphtheria* and *whooping-cough* were respectively 147 and 464 per million living, and did not depart materially from the average rates in recent years.

The mortality from *diarrhoea*, under the influence of the hot weather that prevailed during the third or summer quarter (Table 35), rose to 888 per million living, having averaged only 653 in 1881-85, and 834 in the still earlier quinquennium 1876-80 (Table 17).

The mortality from *measles*, to which cause 12,013 deaths were ascribed, was in the proportion of 431 per million living, and, though not so high as in the immediately preceding year, 1885, was considerably above the average of the decennium, 1876-85, which was only 398 per million. This disease was especially fatal in the counties of Warwick, Stafford, Cornwall, Monmouth, Huntingdon, Devon, Lancaster, Northampton, and Worcester, the mortality in these several counties ranging from 800 to 600 per million; while on the other hand the rate was less than 100 per million living in Berkshire, Dorsetshire, Wiltshire, North Riding, Somersetshire, Westmorland, and North Wales.

The deaths from *scarlet fever* numbered only 5986, being absolutely, and not merely in relation to the population, fewer than in any previous year in the table (Table 15), which goes back to 1862. Indeed, with the exception of the immediately preceding year 1885, there is scarcely a year in the table in which the scarlet fever deaths were not more than twice as numerous as in 1886. Relatively to the population, the mortality was 215 per million, having been 231 in 1885, 400 in 1884, 472 in 1883, and never in any earlier year under 500 (Table 16). The highest mortalities from

this disease were in Durham, West Riding, and South Wales, in each of which the rate exceeded 400 per million, while it was less than 50 per million in Rutlandshire, Dorsetshire, Herefordshire, Westmorland, and Kent (extra-metropolitan).

In previous Reports (47th Annual Report, and Annual Summary for 1880) some account has been given of the geographical distribution of scarlet fever and also of its relations to seasons. It may be well here to examine the relations in which this disease stands to age and sex, so far as official returns throw light on the subject.

In the course of the 27 years 1859-85, nearly half a million deaths from scarlet fever were registered in England and Wales. These deaths form the basis of the following table, which gives the mean annual mortality per million living at successive age-periods, for each sex.

TABLE D.—MEAN ANNUAL MORTALITY FROM SCARLET FEVER per Million living at successive AGE-PERIODS, 1859-85.

AGE.	Annual Deaths per Million living.	
	Males.	Females.
0-1	1664	1384
1-2	4170	3874
2-3	4676	4491
3-4	4484	4332
4-5	3642	3556
0-5	3681	3482
5-10	1667	1613
10-15	346	381
15-20	111	113
20-25	59	77
25-35	36	58
35 and upwards	13	15
All Ages	778	717

It will be seen that in each sex the mortality from scarlet fever rises to a maximum in the third year of life, and then falls, at first slowly, but afterwards rapidly, becoming smaller and smaller with each successive age-period, to the end of life.

Further it will be noted that from birth to the end of the tenth year of life, that is to say, throughout that portion of life in which by far the greater part of the deaths from scarlet fever occur, the male mortality is considerably higher than the female mortality, but that after this period the reverse is the case, the excess being in each later age-period on the side of the female sex.

Seeing on what a very large basis these rates have been calculated, both as regards number of deaths and number of years over which they were spread,* we may feel assured that the differences here pointed out between successive age-periods and the two sexes are not accidental or transitory, but fixed and permanent; and the question next to be considered is whether these differences of mortality are due to the disease being more common, or to its being more likely to terminate fatally in one sex than

* The very variable severity of scarlet fever in different outbreaks makes it necessary, for any trustworthy statistics, to take a long series of years into account.

the other, and at some ages than others. Are the differences, that is to say, differences of prevalence or differences of case-mortality?

The first step in examining this question is to ascertain the case-mortality, that is to say, the proportion of deaths to cases at each age-period and in each sex.

The data available for this calculation are neither so abundant nor so complete as could be wished. The particulars, however, as to age, sex, and results have been obtained in 17,795 cases of scarlet fever admitted during the 12 years 1874-85 into the London Fever Hospital and the Metropolitan Asylum Hospitals at Stockwell and Homerton, and the rates given in Table E. are calculated from these 17,795 cases. It was necessary, however, to supplement, to a certain extent, the information obtained from these London Hospitals; for the published reports of these hospitals do not distinguish the several years of life in the 0-5 years-period, and, as this is the period of life in which scarlet fever is at its maximum, the separation of these single years from each other is of much importance. This deficiency has been met in the following manner:—The official reports for Christiania in Norway give the full particulars of nearly 5,000 cases of scarlet fever which had occurred there in the years 1870-82. The case-mortality among these attacks for the aggregate 0-5 years age-period differed very slightly from the case-mortality for the corresponding age-period in London, and it was therefore no very great assumption to suppose that there was a corresponding degree of similarity between the case mortalities in the single years which make up the 0-5 years period. It has been assumed therefore that the case-mortality in the 1st, 2nd, 3rd, 4th, and 5th years of life in London differed from the corresponding case-mortalities in Christiania just in the same degree as did the case-mortality in the aggregate age-period, made up of those five years, and the rates given in the table for these first five years are those thus obtained.*

TABLE E.—CASE-MORTALITY.—DEATHS per 1,000 CASES of SCARLET FEVER in HOSPITALS, 1874-85.

AGE.	Males.	Females.
0-1	395	442
1-2	384	346
2-3	255	226
3-4	184	174
4-5	130	112
0-5	241	217
5-10	106	97
10-15	56	53
15-20	40	34
20-25	39	32
25-35	75	43
35 and upwards	85	65

The figures in this table are very striking, and show beyond dispute how utterly untenable is the statement made, even in some works of high medical authority, that age and sex are without importance as elements in the

* The case-mortality in Christiania for the entire 0-5 age-period was, for males 211 per 1,000 cases, while in London it was 241. For females it was 200 in Christiania and 217 in London. The case-mortalities in Christiania for the single years have therefore been raised by 14.22 per cent. for males and by 8.5 per cent. for females, to give the mortalities for London. Cf. Beretning om Folkemængden og Sundhedstilstanden i Christiania, 1882, pp. xiii-xiv.

prognosis of scarlet fever. As regards sex, putting aside the first year of life, when the cases are so few that the accuracy of the calculated case-mortality is doubtful, the danger of an attack of this disease is at every age-period considerably greater if the patient be of the male than if of the female sex. The differences due to sex are, however, as nothing in comparison with those due to age. The chance of a case proving fatal in each sex is highest in the first year of life, and then diminishes rapidly and with unbroken regularity to the end of the twenty-fifth year, after which there is again an increase of risk.

Having now ascertained, firstly, what is the mortality from scarlet fever at each age-period and in either sex, and secondly, what number of cases correspond to each such death, it is of course a simple matter to combine the two tables and calculate the number of cases at each age-period and in each sex for equal numbers living, it being, however, important to notice that the cases thus obtained will be cases of equal severity to those which form the basis of Table E., that is to say, cases fit for admission into a hospital. The results are given in the following table.

TABLE F.—ESTIMATED ANNUAL CASES OF SCARLET FEVER, OF EQUAL SEVERITY TO THOSE ADMITTED INTO HOSPITAL, PER MILLION LIVING, AT SUCCESSIVE AGE-PERIODS AND IN EACH SEX.

AGES.	Males.		Females.	
0-1	4,213	3,131		
1-2	10,859	11,197		
2-3	18,337	19,872		
3-4	24,370	24,897		
4-5	28,015	31,750		
0-5	15,274	16,046		
5-10	15,726	16,629		
10-15	6,179	7,189		
15-20	2,775	3,324		
20-25	1,513	2,406		
25-35	480	1,349		
35 and upwards	153	231		

So far our course has been simple, and the results arrived at may be accepted with much confidence, though it may be admitted that it would be more satisfactory were the basis of the table of case-mortality (Table E.) enlarged so as to embrace a greater number of cases and a longer series of years. But the next stage in the inquiry becomes much more hypothetical, and the result will consequently be less trustworthy. The question to which an answer has to be sought is, whether the diminution of cases of scarlet fever in successive age-periods, shown in Table F., is merely due to the increased proportion, at each successive age-period, of persons who have already been attacked by scarlet fever and are therefore protected against a future attack, or whether it indicates a diminishing susceptibility to the infection with advance of age in those who are as yet unprotected. It would not be difficult to obtain an answer to this question if the figures in Table E represented the general case-mortality and not merely the mortality of hospital cases; but, though scarlet fever patients are sent into hospital not only when they are severe cases, but often simply in order to separate an infectious child from the rest of the family, it cannot be doubted that on the whole the average of the hospital cases will be of more than average severity, there being notoriously a large number of scarlet fever cases in which the ailment is so slight, that it would not occur to the

parents to send the child away from home. Consequently the case-mortality as given in Table E. is almost certainly much too high; it is true for hospital cases, but not for all cases. Now there are some large towns in which returns are made of all known cases of scarlet fever, whether occurring in or out of hospitals, and, though these returns are neither of sufficient magnitude nor of sufficient certainty to afford a very secure basis, yet they afford some assistance, and judging by them we shall probably not be very far from the mark if we assume that, for every individual who is protected against future scarlet fever by an attack of equal severity to that of an average hospital case, there is another person protected by an attack of less severity. Let it be assumed then, that this is true, and then the next step can be taken; the proportion of the population that is protected at each successive age-period in each sex can be calculated, and the proportion between the cases and the unprotected population ascertained. The results of this somewhat tedious arithmetical process are given in the following table:—

TABLE G.—ESTIMATED* ANNUAL NUMBER OF ATTACKS AND DEATHS BY SCARLET FEVER IN A MILLION UNPROTECTED PERSONS OF EACH SEX AT SUCCESSIVE AGE PERIODS.

AGE.	Attacks.		Deaths.	
	Males.	Females.	Males.	Females.
0-1	6,779	4,887	1,668	1,386
1-2	17,758	18,723	4,220	3,916
2-3	33,065	36,480	4,832	4,647
3-4	47,385	48,874	4,801	4,657
4-5	58,906	68,036	4,095	4,036
5-10	37,524	40,423	2,100	2,060
10-15	17,332	20,817	499	567
15-20	8,365	10,508	171	182
20-25	4,714	7,972	94	130
25-30	1,491	4,585	58	101
30-35	472	787	21	26

* Estimated on the assumption stated above.

The figures in this table cannot of course claim to be more than approximate estimates. More precise results will be hereafter obtainable, when the case-mortality can be based upon a larger accumulation of data than was available for the construction of Table E., and which shall include the cases outside as well as those within hospitals. Allowing, fully, however, for this element of uncertainty as to the precise figures, we are nevertheless able to draw with much certainty the following conclusions as to scarlet fever:—

1. The mortality from this disease is at its maximum in the third year of life, and after this diminishes with age, at first slowly, afterwards rapidly. (Table D.)
2. This diminution is due to three contributory causes; (α) the increased proportion in the population at each successive age-period of persons protected by a previous attack; (β) the diminution of liability to infection in successive age-periods of those who are as yet unprotected; (γ) the diminishing risk in successive age-periods of an attack, should it occur, proving fatal.

It does not follow, surely, that the proportion will be the same at each age G.M.

3. The liability of the unprotected to infection is small in the first year of life, increases to a maximum in the fifth year or soon after*, and then becomes rapidly smaller and smaller with advance of years. (Table G. Cols. 1, 2).
4. The chance that an attack will terminate fatally is highest in infancy, and diminishes rapidly with years to the end of the twenty-fifth year; after which an attack is again somewhat more dangerous. (Table E.)
5. The female sex throughout life, the first year possibly† excepted, is more liable to scarlet fever than is the male sex. (Table G.)
6. But the attacks in males, though fewer, are more likely to terminate fatally. (Table E.)

Now it is sometimes said that the separation from its family of a child who is attacked by scarlet-fever is scarcely worth the trouble and expense it involves, seeing that the rest of the children, though they may escape on that special occasion, are almost certain to contract this very common disease at some future time, and may therefore as well, if not preferably, have it at once. The results, however, to which our statistical inquiry has led us, are completely subversive of such a position. They show—independently of the plain fact that a very large proportion of persons go through life without ever contracting this disease—that the longer an attack is deferred, the less likely it is to occur at all; and not only so, but that, even supposing it to occur eventually, the less likely it is to end fatally.

The deaths ascribed to *puerperal fever* were 2078, and those ascribed to *accidents of childbirth* 1799, making together 3877 deaths from parturition. This gives a proportion of 4.29 deaths to a thousand registered births of living children, the proportion in the preceding decennium 1871-80, having been 4.72. The proportion varied greatly in different registration counties, and was, as it also had been in the previous decennium, much above the general average in North and South Wales and in Shropshire. (Table 23.)

The deaths from *hydrophobia* which had risen in 1885 to 60, a higher number than in any year in our Table (Table 15), with the exceptions of 1874 and 1877, fell in 1886 to 26, and were fewer than in any year since 1869. Of these 26 deaths 10‡ occurred in London, while the remaining 16 were distributed as follows: Devonshire 1, Derbyshire 2, Cheshire 2, Lancashire 6, West Riding 5. This distribution tallied pretty closely with previous experience, Lancashire, and Cheshire being the counties that are found on an average of many years (1864-86) to have had the largest number of deaths from this disease in proportion to their populations, and the West Riding and Derbyshire also standing high up in the list. Could a census be taken of stray curs, the cause of this distribution would probably be apparent. In London, at any rate, the destruction of over 30,000 stray dogs in the nine months beginning with November 1885, and the compulsory muzzling of all other dogs in the streets, appears to have been most efficacious; for while in 1885 the deaths from hydrophobia registered in London had risen to the unprecedented number of 26, in 1886 they fell, as before stated, to 10‡; and, of these 10, 6 were registered in the first quarter, 2 each in the second and third quarters, and none in the last three months of the year.

* The Table does not suffice to show whether the fifth year be the year of actual maximum. For as the 5-10 year-period is not broken up into separate years the maximum might possibly be in the sixth or even seventh year.

† See first paragraph on p. xvi.

‡ One of these 10 deaths really occurred in 1885, but was not registered till 1886.

Parasitic diseases.—The deaths attributed to parasitic diseases were 990, and in the proportion of 35 to a million persons living; a proportion differing very little from that of the previous five years. Of these 990 deaths 810 were ascribed to thrush and 6 to other vegetable parasites; 58 to hydatids, and 116 to other animal parasites.

Dietetic Diseases.—The deaths under these headings numbered 1656, or 59 per million living. Most of these deaths were ascribed to delirium tremens or chronic alcoholism, which together caused 1392 deaths, or 49 per million living, a rate practically identical with that in the immediately preceding quinquennium (Table 17). It is noticeable that while chronic alcoholism is not vastly more common, as an assigned cause of death, in the male than in the female sex, 586 men and 459 women having according to the certificates thus died in the year, delirium tremens is six times as frequent among men as among women, the precise figures being 297 for the former and only 50 for the latter sex.

Constitutional Diseases.—These diseases caused 92,751 deaths in the year, or 3330 per million living, a proportion not far from the average in the previous five years (Table 17). The changes that occurred in 1886 in the mortality from the several diseases included in this group were all in the same direction as those of previous and recent years. Thus there was a small decline under Rheumatic Fever and other Rheumatic affections, and a larger decline under Phthisis, the death-rate from this cause being 1718 per million living, and lower than in any previous year (Table 16). On the other hand there was a further increase under Cancer, which, if the certificates are to be trusted, was 50 per cent. more common in 1886 than it was twenty years earlier; and also a slight further increase under Diabetes, which must, if again full reliance be placed on certificates as a measure of prevalence, have become nearly twice as frequent as it was twenty years back. It has, however, been pointed out in previous reports that very possibly, and in the opinion of the Registrar-General, most probably, some part of these increases, how much is uncertain, may be due to improved diagnosis and more careful statement of cause on the part of medical men.

Developmental Diseases.—The deaths of infants from premature birth numbered 13,642, and were in the proportion of 15,093 per million births of living children, the mean proportion in the preceding quinquennium, 1881-85, having been 14,185. As has been pointed out in previous reports, the proportion of premature births appears to be gradually increasing, and the figure now recorded is the highest as yet reached. The deaths from congenital malformations numbered 2343, the proportion to births scarcely differing from the average in recent years. As usual, cyanosis, imperforate anus, and cleft palate were much more common in male than in female children, while the opposite was the case with spina bifida.

The deaths ascribed simply to old age numbered 28,451, and were above the average of recent years, the increase being probably attributable to the excessively cold weather that prevailed in February and in December, cold being the special enemy of the old, as heat is of the young. The year 1886, with its hot summer and its cold winter months, was more than usually unfavourable both to old persons and to young children.

Local Diseases.—Among the many large groups of diseases comprised in this class there are three that show year by year an almost uninterrupted increase, namely, diseases of the nervous system, diseases of the circulatory system, and urinary diseases; and it will be seen, on referring to Table 16, that in 1886 the mortality under each of these was either at its maximum, or almost so.

Thus the mortality from nervous diseases, omitting convulsions, was in the ratio of 1835 deaths to a million living, a rate which had only three times been passed and once equalled in the previous 24 years, for which figures are given in the table (Table 16). Is the mortality from these diseases really increasing, or can the apparent increase be accounted for on the hypothesis of transference from other headings? If we take the five years 1861-5, and the five years 1881-5, we find that the mean annual mortality in the former period was 1546 per million living, while in the latter it was 1798 per million living.

There have been some slight changes of classification within the group, but not any that will have seriously affected the group as a whole, so that it appears that of a million persons living at each period, 252 more were certified to have died annually from nervous diseases in 1881-5 than was the case 20 years earlier. Examining carefully the ages of those who died, we find that of these 252 extra deaths 112 were deaths of children under five years of age, 47 were deaths of persons over five but under 65 years, and 93 were deaths of persons over 65 years of age. The increase then has been almost exclusively at the two extreme ends of life, and one cannot but suspect that much of the apparent increase under the heading Nervous Diseases may have been due to the simultaneous decrease under the heading Convulsions, which has added to the deaths in the 0-5 years period, and to the diminution under the heading Old Age, which has added to the deaths in the 65 years and upwards period; for had the increase been real and not in great part only apparent, had, that is, fatal nervous diseases been really largely increasing, the natural expectation would be that the increase would have affected all ages in much the same degree, and not have been confined almost exclusively to early childhood and advanced life.

The deaths from diseases of the circulatory system in 1886 were 1625 per million living, having been 1597 in 1885, and these two rates are the highest as yet recorded. Here again the question arises, whether the increase may not be due to transference from such headings as Debility, Old Age, and the like. A comparison of the age-tables for 1881-5 with those of 1861-5, renders it not improbable that such may be at any rate in part the case. For the increase in the mortality from this group of diseases has not been by any means equally divided between all ages, but has been far most marked among persons of advanced age. Thus the rate has remained practically unchanged for persons under 25 years of age; for persons over 25 but under 65 it has gone up 35 per cent.; while for persons above 65 it has increased by no less than 80 per cent.

The mortality from urinary diseases was in the ratio of 445 per million living, a ratio almost the same as in each of the three next preceding years, which are the only years in which it has reached as high as 400. In the course of the 25 years included in the table (Table 16) the registered mortality in this group of diseases has almost doubled. Again, however, the diminution of deaths under such headings as Dropsy has to be kept in mind.

It is of course very annoying to the student of mortality statistics, and not less so to those who are charged with their preparation, when they would make comparison between the past and the present, to be met at almost every step by this necessity of making allowance, and that to an uncertain amount, for the possibility of transference from one heading to another, and the very efforts made to improve the quality of these annual statistics by obtaining further information as to vaguely certified cases, and by inducing medical men to be more careful and precise in statement of cause, add somewhat to the difficulty in question; for the numbers under the more definite headings are thus gradually increased at the expense of the vaguer headings. It is useless, however, to shut our eyes to the imperfections of our records. To be without trustworthy means of comparison is doubtlessly an evil, but to ignore the

difficulties and to deal with the records as thoroughly reliable would be still worse, for it is far better to be without statistics at all than to be misled by false ones.

It is to be hoped that at some future period, when all medical men shall have become more alive to the value of accurate statistics of disease, and shall have realised that to give a false or careless certificate is not only to neglect their legal duty but to do their best to retard the advance of their own science, it may be possible for the Registrar-General to put out figures that will allow serial comparison to be made without risk of error, but to judge from the character of a considerable fraction of the medical certificates at the present date that time would seem to be as yet remote.

Violence.—The deaths from some or other kind of violence numbered 17,444, being 626 to a million persons living, a proportion almost identical with that recorded in the previous year.

The deaths from suicide, however, which numbered 2254, 1694 being of males and 560 of females, were more numerous in proportion to the population—80 per million—than in any earlier year with the exception of 1879, when the rate was also 80 per million.

On the other hand, the deaths ascribed to accident, 14,860 in number, were fewer in proportion to the population than on any previous occasion. In 1865 the accidental deaths were 735 per million living, but from that date the ratio has fallen almost uninterruptedly, until in 1886 it reached 534.

The fall in the mortality from homicide, which includes all cases in which a coroner's jury has returned a verdict of murder or of manslaughter, has been even more striking, for in 1866 the ratio of these deaths was 22 to a million living; but it has fallen gradually until in 1885 and 1886 it reached its present minimum of 11 per million, so that the rate fell 50 per cent. in the course of 20 years. Of these deaths from homicide, 311 in number, 171 were cases of murder, and 140 were cases of manslaughter. Nearly half the murders, 81 out of the 171, were cases of infanticide, that is murders of children in the first year, and generally the first month, of life; and more than 10 per cent. of the deaths ascribed to manslaughter were also deaths of infants. Taking the two together, and basing the calculation upon the records of 20 years, we obtain the following annual rates of death from homicide at successive age-periods, the rates being to a million living, with the exception of the line relating to infants under one year, where the rate is to a million registered births.

TABLE H.—DEATH-RATES FROM HOMICIDE PER MILLION LIVING at groups of ages, 1858-86.

AGES.	Per Million Births.	Per Million Living.										
		All Ages.	0-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 and upds.
Males	183	19	53	4	5	9	18	19	21	19	17	17
Females	189	13	54	3	2	3	6	9	11	10	7	9

It will be noted that in infancy and childhood, to the end, that is, of the 10th year of life, there is practically no difference in the liability of the two sexes to death from homicide; but that after this throughout life males are very much more liable than females, as might be anticipated. In each sex the liability is far highest in infancy, and lowest in childhood, increasing after this to the 35-45 years period, and then slightly and gradually declining.

There remain for consideration deaths by execution. In 1886 19 persons died at the hands of the hangman, this being a larger number than in any year since 1877. Of these 19 persons who forfeited their lives, 18 were men and only one a woman; and, as is shown by the following table to be the general law, the greater part of these criminals were persons in the earlier and more turbulent half of ordinary life.

TABLE I.—SEXES AND AGES OF PERSONS EXECUTED in the 29 Years 1858–86.

AGES.	15—	20—	25—	35—	45—	55—	65—	75 and upwds.	TOTAL.
Males	22	82	135	74	35	12	3	0	363
Females	0	0	10	8	2	1	1	0	22
PERSONS	22	82	145	82	37	13	4	0	385

In these 29 years, 1858–86, in which 385 murderers were hanged, there were 10,823 deaths in which coroners' juries found verdicts of murder or of manslaughter, giving one person hanged to 28 acts of criminal homicide. If cases of simple manslaughter be omitted and the ratio calculated from murders only, we can only go back as far as 1863, for no separation of murder from manslaughter was made in the Registrar-General's Reports earlier than that year. In these 24 years, 1863–86, 331 persons were hanged, while there were 5116 verdicts of murder; or one criminal was punished by death to 15·5 recognised murders.

Ill-defined and not specified Causes.—The deaths classed in this unsatisfactory group were 29,283, or 5·5 per cent. of the whole. The number would have been still higher had not between two and three thousand letters been sent out from the department to medical men asking for further information than was given in their certificates. The information received in answer to these inquiries reduced the deaths under dropsy from 966 to 336, adding, of course, the balance to heart diseases, kidney diseases, and liver diseases. Similarly an addition was made of 202 deaths to childbirth and puerperal fever, of 148 deaths to violence, and of 472 deaths to other headings.

Certification of the Causes of Death.—During the year 1886 the causes of 490,264 or 91·3 per cent. of the 537,276 deaths were certified by registered medical practitioners; and the causes of 28,690, or 5·3 per cent., were certified by coroners after inquest. The causes of 18,322 or 3·4 per cent. of the total deaths were not certified, the proportion of uncertified deaths having steadily declined from 4·7 per cent. in 1879 to 3·5 per cent. in 1885. The proportion of uncertified deaths varies very considerably in different parts of England and Wales. In the Metropolis the proportion in 1886 did not exceed 1·1 per cent. Excluding the extra-metropolitan parts of Middlesex and Surrey, the per-centage ranged from 1·2 in Wiltshire, 1·3 in Buckinghamshire, 1·7 in Monmouthshire, and 1·8 in Sussex and in Hampshire, to 5·6 in Durham, 6·0 in Cornwall and in Huntingdonshire, 6·3 in Herefordshire, and 8·1 in Wales. The high per-centage in Wales showed, however, a further considerable decline from still higher per-centages in recent years.

PROGRESS OF REGISTRATION.

The number of names added during 1886 to the printed alphabetical indexes of births, deaths, and marriages recorded in the national register of England and Wales was 1,833,284. At the close of the year the aggregate number of names in these indexes, which then embraced a period of 49½ years, was 73,937,736. The total number of searches in 1886 (excluding those in non-parochial and other records) was 35,355, showing a decline of 338 from the number in the previous year. The number of certificates issued was 26,706, and 997 fewer than in 1885. The amount received as fees for searches and certificates in the year 1886 and paid into Her Majesty's Exchequer was 5,168*l.* 1*s.* (Table 27.)

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

MORTALITY IN THE ARMY.*

The average strength of the Army, at home and abroad in 1886, was 203,805 and the deaths were 2,813, so that the rate of mortality was 13·8 per 1,000, and corresponded with the rate in 1885. The mortality in the army abroad was 20·0 per 1000, having averaged only 15·2 in the preceding five years; while the rate at home was only 7·2, and slightly below the rate in the five preceding years, in which it had averaged 7·8. (Table 30.)

MORTALITY IN THE NAVY.†

The total force in the Service afloat in 1886 corrected for time, was 46,770. The deaths were 322, being in the ratio of 6·88 per 1000. Of the 322 deaths, 236 were due to disease, and 86 to violence; so that the death-rate from disease was 5·04 and from violence 1·84 per 1000.

Of the 86 violent deaths, 48 were from accidental drowning, 32 from other accidental causes, and 6 from suicide.

BIRTHS AND DEATHS OF BRITISH SUBJECTS AT SEA.

Marine Register Book.—In accordance with the Births and Deaths Registration Act of 1874, commanding officers of British ships not in Her Majesty's service, are required, under a 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, of Scotland, and of Ireland. Returns of a similar character are also received from the commanding officers of Her Majesty's ships. These certified copies of entries of births and deaths at sea constitute the "Marine Register Book." During the year 1886 the entries added to this Register related to 282 births and to 3937 deaths. Of these 3937 deaths, 1484 were of persons returned as of English origin, while 482 were indefinitely returned as of persons of "British" origin; of the latter number it is impossible to estimate correctly the proportion belonging to England and Wales.

Among *passengers* on board merchant vessels at sea (Table 33), 172 births and 515 deaths were reported in 1886; these numbers showed an increase of 31 births upon the number in 1885, while the deaths showed a decline of 83.

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

† From data supplied by the Director-General of the Medical Department of the Navy.

Mercantile Marine.—The Registrar-General of Shipping and Seamen reports (Table 32), that the number of merchant seamen afloat in registered vessels during 1885 was 198,731, showing a slight decline from the numbers in the two previous years. The reported deaths from all causes among these merchant seamen during the year 1885 were 3286, and give an annual rate of 16.5 per 1000 of the strength; this rate was lower than in any previous year since 1852. The reported number of seamen afloat in 1886 was 205,478, and showed a marked increase upon the numbers in recent years, but the return of deaths for that year has not yet been received.

INTERNATIONAL VITAL STATISTICS.

In Tables 40-57 will be found international vital statistics relating to most of the principal European States, in addition to the United Kingdom. Table 40 affords the means for comparing the marriage, birth, and death-rates in each State in a series of years, with the mean rate during the period 1861-80. Tables 41-57 give detailed statistics for the United Kingdom, and for the other European States.

The *marriage-rates* in 1886 showed a further general decline from the rates recorded in recent years; the rates in Austria and the Netherlands, however, exceptionally showed an increase. The rates in the countries furnishing returns ranged from 13.1 in the United Kingdom and in Norway, to 15.5 in Austria, 15.6 in Italy, and 15.8 in the German Empire.

The *birth-rates* showed a further general decline (which was most marked in Italy), but the rates in the German and Austrian Empires, and in the Netherlands, had slightly increased. The rates in the various states ranged from 23.9 in France, 27.5 in Switzerland, and 29.6 in Belgium, to 37.1 in the German Empire, and 37.7 in the Austrian Empire.

The *death-rates* did not show any considerable variations from those recorded in the preceding year, excepting only a marked increase in Italy, namely from 26.6 to 28.3. The mean death-rate in 1886 in the nine Continental States furnishing returns was 25.5 (against 25.0 in 1885), and exceeded the rate in the United Kingdom by no less than 6.5 per 1000. The rates in the various states furnishing returns, ranged from 16.1 in Norway, 18.2 in Denmark, and 19.0 in the United Kingdom, to 26.2 in the German Empire, 28.3 in Italy, and 29.2 in the Austrian Empire.

I have the honour to be,

Sir,

Your faithful Servant,

BRYDGES P. HENNIKER,

Registrar-General.

REMARKS ON THE METEOROLOGY OF THE YEAR 1886.*

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

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

Atmospheric Pressure.—The readings of the barometer were generally below their averages till February 3rd, particularly so on or about January 13th, when the weather was stormy with high wind; the average daily deficiency of pressure to February 3rd was 0.29 in.; from February 4th to 27th the pressure was generally above the average, the mean daily excess was 0.23 in.; from February 28th to March 6th, there was a mean daily deficiency of 0.42 in.; then for a week to March 14th there was an average daily excess of 0.25 in.; from March 15th to April 11th, there was an average daily deficiency of 0.08 in.; from April 12th to May 9th, the readings were generally high, the mean daily excess being 0.18 in.; then to the 18th, the mean daily deficiency was 0.19 in.; from May 19th to June 5th, the daily readings differed very little from their averages; from June 6th to the 13th there was a slight deficiency of 0.10 daily; then for 28 days to July 11th, there was a mean daily excess of 0.11 in.; from July 12th to August 2nd there was a mean daily deficiency of 0.16 in.; from August 3rd to September 3rd the pressure was variable, being chiefly above the average for these 31 days, the mean daily excess was 0.05 in.; from September 4th to 12th there was an average daily deficiency of 0.1 in.; from September 13th to October 8th the pressure was generally above the average, the mean daily excess was 0.08 in.; from October 9th to 20th the readings were low, the average daily deficiency was 0.42 in.; for the 14 days ending November 3rd, there was an average daily excess of 0.24 in.; from November 4th to 17th, the readings were low, the mean daily deficiency being 0.45 in.; from November 18th to 28th the readings were high, the excess averaging 0.56 in. daily, and from November 29th to the end of the year, the atmospheric pressure was generally below its average, the average daily deficiency for the 33 days ending December 31st, was 0.28 in. On the 8th and 9th of December the readings were nearly 1.4 in. below their averages; see remarks in Report for the Quarter ending December 31st.

The highest reading of the barometer in the year at the height of 150 feet above the sea was 30.55 ins. on February 8th, and the lowest was 28.14 ins. on December 9th; the yearly range was 2.41 ins.

Temperature.—Till the 5th of January the mean daily temperature was above its average, the mean daily excess was 6°.6; on the 6th a cold period set in and continued with but few exceptions till March 18th, the mean daily deficiency for these 72 days was 6°.0. From March 19th to April 6th it was warm, the mean excess for these 19 days was 4°.8; from April 7th to May 4th the weather was changeable, being sometimes warm, but generally cold, the mean deficiency of daily temperature for these 27 days was 2°.2, from May 4th to 10th, it was warm, the average daily excess of temperature was 4°.9. On May 11th a cold period set in and continued with a few exceptions to June 24th, the average daily deficiency of temperature of these 45 days was 2°.7; from June 25th to July 7th the weather was warm, the average excess of daily temperature was 4°.1; from July 8th to August 21st, the weather was mostly cold; the exceptions were July 18th to 22nd and August 6th to 9th, the average

* For Meteorological Tables, see pp. lxiv-lxix.

daily deficiency of these 45 days was $1^{\circ}6$. On August 22nd a period of warm weather set in and continued with slight exceptions to September 14th, the mean daily excess being $4^{\circ}8$; from September 15th to 26th was cold, the deficiency of temperature was $2^{\circ}1$ daily; from September 27th to October 12th the temperature was above its average by 4° daily; from October 13th, to October 18th, the average daily deficiency was $0^{\circ}8$; from October 19th to November 21st, with the exception of the 5 days, November 6th to November 10th was warm, the average daily excess of temperature of these 34 days was $1^{\circ}7$; from November 22nd to December 5th was cold, the mean deficiency of daily temperature was $4^{\circ}1$; the weather was warm on the 10 days ending December 15th, the mean excess of daily temperature being $2^{\circ}5$; and from December 16th to 31st the weather was cold, the mean daily deficiency was $5^{\circ}3$.

The highest temperatures of the air in the year were $90^{\circ}2$ at Osborne, $89^{\circ}8$ at the Royal Observatory, and $89^{\circ}0$ at Salisbury; and the lowest were $4^{\circ}2$ at Carlisle, $7^{\circ}0$ at Barnet, and $9^{\circ}0$ at Hull.

Rainfall.—The fall of rain was above its average in January, somewhat below in February and March. The total fall in these three months at Greenwich was 5.38 ins., being 0.41 in. above the average. The fall was below its average in April, above in May, and somewhat below in June. At Greenwich the total fall in these three months was 5.93 ins., being 0.14 in. above the average. The falls of rain in July were very near their averages, and below in August and September. At Greenwich the total fall in these three months was 4.87 ins., being 2.46 ins. below the average. The falls of rain were below their averages in October, and above in November and December. At Greenwich the total fall for these three months was 8.03 ins., being 0.91 in. above the average. The total fall of rain in the year was 24.21 ins., being 1.03 in. less than the average, and the number of days on which it fell was 163.

The heaviest falls of rain in the year at our stations were at Stonyhurst 52.89 ins., at Guernsey 45.21 ins., and at Barnstaple 45.05 ins.

The least falls were at Lowestoft 22.28 ins., at Somerleyton 23.50 ins., and at Blackheath 23.82 ins.

The greatest number of days of rain was 237 at Nottingham, 228 at Guernsey, and 226 at Burslem; and the smallest number of rainy days was 146 at Blackheath, 154 at Barnet, and 158 at Somerleyton.

Thunderstorms occurred on 57 days at the different stations during the year; of these 9 took place in October, 7 in each of the months of January, April, May, and December, 5 in July, 5 in September, 4 in August, 3 in June, 2 in March, 1 in November, and no thunderstorms were reported in February.

Thunder was heard but lightning was not seen on 47 days during the year; 8 were in each of the months of April and October, 7 in May, 7 in June, 6 in July, 6 in August, 2 in each of the months of September and December, 1 in March. None in the months of January, February, and November.

Lightning was seen but thunder was not heard on 48 days during the year; 11 of which were in October, 9 in December, 7 in September, 5 in January, 4 in June, 3 in each of the months of March, May, and August, 1 in July, 1 in November, and none in February.

Solar halos were seen on 76 days during the year; 13 of which were in April, 12 in May, 10 in each of the months of June and October, 6 in each of the months of March, July, and August, 4 in September, 4 in December, 2 in January, 2 in November, and 1 in February.

Lunar halos were seen on 40 nights during the year; there were 10 in December, 6 in January, 5 in each of the months of October and November, 3 in each of the months of March, April, and May, 2 in February, 2 in September, and 1 in June.

Auroræ boreales were seen on 3 nights during the year; there were 1 in January, 1 in March, and 1 in April.

Snow fell on 102 days during the year; 27 in January, 22 in December, 20 in February, 18 in March, 8 in April, 5 in May, and 2 in November; the day of last fall in the spring was May 26th, none fell in June, July, August, September, or October; the first fall in the autumn was on November 6th at Bradford.

Hail fell on 97 days in the year, 21 in December, 15 in January, 11 in April, 9 in November, 8 in March, 7 in each of the months of February and May, 6 in August, 6 in October, 3 in June, and 2 in each of the months of July and September. The fall on December 26 was general and was heavy.

Fog prevailed on 167 days in the year; on 22 days in January, 18 in February, 18 in October, 17 in each of the months of March and December, 15 in August, 15 in November, 12 in April, 10 in September, 9 in May, 8 in June, and 6 in July.

TABLE 1.—Population of the United Kingdom estimated to the middle of British Seas, and of the portions of the Army,

YEAR.	UNITED KINGDOM. AREA 77,143,938 ACRES.			ENGLAND AND WALES. AREA 37,239,351 ACRES.		
	Persons.	Males.	Females.	Persons.	Males.	Females.
1838	25,903,697	12,651,465	13,252,232	15,287,699	7,479,021	7,808,678
1839	26,200,106	12,796,609	13,403,497	15,514,255	7,586,593	7,927,662
1840	26,487,026	12,937,181	13,549,845	15,730,813	7,689,301	8,041,512
1841	26,751,199	13,065,536	13,685,663	15,929,492	7,784,883	8,144,609
1842	27,004,417	13,194,189	13,810,228	16,130,326	7,887,620	8,242,706
1843	27,255,699	13,321,297	13,934,402	16,332,228	7,990,370	8,341,858
1844	27,525,119	13,456,832	14,068,287	16,535,174	8,093,100	8,442,074
1845	27,776,364	13,582,614	14,193,750	16,739,136	8,195,776	8,543,360
1846	28,002,094	13,694,941	14,307,153	16,944,092	8,298,360	8,645,732
1847	27,972,537	13,675,994	14,296,543	17,150,018	8,400,820	8,749,198
1848	27,820,088	13,593,648	14,226,440	17,356,882	8,503,116	8,853,766
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	27,448,257	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	15,056,678	15,921,600	22,223,299	10,821,775	11,401,524
1870	31,256,535	15,189,549	16,066,986	22,501,316	10,956,608	11,544,708
1871	31,555,694	15,331,177	16,224,517	22,788,594	11,092,620	11,695,974
1872	31,874,183	15,485,219	16,388,964	23,096,495	11,242,495	11,854,000
1873	32,177,550	15,630,140	16,547,410	23,408,556	11,394,394	12,014,162
1874	32,501,517	15,788,489	16,713,028	23,724,834	11,548,346	12,176,488
1875	32,838,758	15,957,608	16,881,150	24,045,385	11,704,378	12,341,007
1876	33,199,994	16,138,194	17,061,800	24,370,267	11,862,519	12,507,748
1877	33,575,941	16,325,250	17,250,691	24,699,539	12,022,796	12,676,743
1878	33,943,773	16,508,370	17,435,403	25,033,259	12,185,238	12,848,021
1879	34,302,557	16,687,367	17,615,190	25,371,489	12,349,875	13,021,614
1880	34,622,930	16,844,178	17,778,752	25,714,288	12,516,737	13,197,551
1881	34,952,204	17,005,692	17,946,512	26,061,736	12,682,383	13,379,353
1882	35,297,114	17,173,950	18,123,164	26,413,861	12,853,737	13,560,124
1883	35,611,770	17,328,684	18,283,086	26,770,744	13,027,407	13,743,337
1884	35,961,663	17,501,448	18,460,215	27,132,449	13,203,423	13,929,026
1885	36,331,119	17,684,167	18,646,952	27,499,041	13,381,817	14,117,224
1886	36,709,477	17,871,248	18,838,229	27,870,586	13,562,621	14,307,965

each of the Years 1838-86, exclusive of the Population of the Islands in the Navy, and Merchant Service Abroad.

YEAR.	SCOTLAND.* AREA 19,084,659 ACRES.			IRELAND.* AREA 20,819,928 ACRES.		
	Persons.	Males.	Females.	Persons.	Males.	Females.
1838	2,548,402	1,208,997	1,339,405	8,067,596	3,963,447	4,104,149
1839	2,574,413	1,221,884	1,352,529	8,111,438	3,988,132	4,123,306
1840	2,600,692	1,234,910	1,365,782	8,155,521	4,012,970	4,142,551
1841	2,621,854	1,242,689	1,379,165	8,199,853	4,037,964	4,161,889
1842	2,653,165	1,258,690	1,394,475	8,220,926	4,047,879	4,173,047
1843	2,683,639	1,274,223	1,409,416	8,239,832	4,056,704	4,183,128
1844	2,713,318	1,289,265	1,424,053	8,276,627	4,074,467	4,202,160
1845	2,742,167	1,303,795	1,438,372	8,295,061	4,083,043	4,212,018
1846	2,770,154	1,317,792	1,452,362	8,287,848	4,078,789	4,209,059
1847	2,797,245	1,331,236	1,466,009	8,025,274	3,943,938	4,081,336
1848	2,823,406	1,344,105	1,479,301	7,639,800	3,746,427	3,893,373
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	5,436,509	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	3,745,485	1,804,680	1,940,805	5,144,983	2,518,629	2,626,354
1882	3,785,400	1,825,650	1,959,750	5,097,853	2,494,563	2,603,290
1883	3,825,744	1,846,864	1,978,880	5,015,282	2,454,413	2,560,869
1884	3,866,521	1,868,325	1,998,196	4,962,693	2,429,700	2,532,993
1885	3,907,736	1,890,035	2,017,701	4,924,342	2,412,315	2,512,027
1886	3,949,393	1,911,997	2,037,396	4,889,498	2,396,630	2,492,868

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

TABLE 2.—ENGLAND.—Annual Marriage-, Birth-, and Death-rates, 1838-86.

YEAR.	MAR-RIAGES. Persons Married to 1000 living.	BIRTHS.					DEATHS.				YEAR.
		Births to 1000 Living.			Illegitimate Births in 1000 Births.	Births of Males to 1000 Births of Females.	Deaths to 1000 Living.			Deaths of Males to 1000 Deaths of Females, in equal Numbers Living.	
		Total.	Legitimate.	Illegitimate.			Persons.	Males.	Females.		
1838	15.4	30.3	—	—	—	1045	22.4	23.4	21.5	1091	1838
1839	15.9	31.7	—	—	—	1048	21.9	22.8	21.0	1086	1839
1840	15.6	31.8	—	—	—	1051	22.8	23.7	22.0	1076	1840
1841	15.4	32.2	—	—	—	1053	21.6	22.4	20.8	1074	1841
1842	14.7	32.1	29.9	2.2	67	1050	21.7	22.4	21.0	1067	1842
1843	15.2	32.3	—	—	—	1054	21.2	22.0	20.5	1074	1843
1844	16.0	32.6	—	—	—	1054	21.5	22.3	20.3	1074	1844
1845	17.2	32.5	30.2	2.3	70	1050	20.9	21.7	20.1	1077	1845
1846	17.2	33.8	31.5	2.3	67	1049	23.0	23.9	22.2	1076	1846
1847	15.8	31.5	29.4	2.1	67	1043	24.7	25.5	23.9	1069	1847
1848	15.9	32.4	30.3	2.1	65	1050	23.0	23.8	22.2	1074	1848
1849	16.2	32.9	30.7	2.2	68	1043	25.1	25.8	24.4	1054	1849
1850	17.2	33.4	31.1	2.3	68	1042	20.8	21.4	20.1	1064	1850
1851	17.2	34.2	31.9	2.3	68	1047	22.0	22.8	21.2	1072	1851
1852	17.4	34.2	31.9	2.3	68	1046	22.3	23.2	21.5	1078	1852
1853	17.9	33.3	31.1	2.2	65	1051	22.9	23.8	22.0	1085	1853
1854	17.2	34.1	31.9	2.2	64	1044	23.5	24.4	22.7	1077	1854
1855	16.2	33.7	31.5	2.2	64	1041	22.6	23.5	21.7	1081	1855
1856	16.7	34.4	32.2	2.2	65	1042	20.5	21.3	19.6	1085	1856
1857	16.5	34.4	32.2	2.2	65	1052	21.8	22.6	21.1	1071	1857
1858	16.0	33.7	31.5	2.2	66	1045	23.1	23.9	22.3	1070	1858
1859	17.0	35.0	32.7	2.3	65	1046	22.4	23.3	21.5	1080	1859
1860	17.1	34.3	32.1	2.2	64	1047	21.2	22.1	20.3	1090	1860
1861	16.3	34.6	32.4	2.2	63	1046	21.6	22.7	20.6	1099	1861
1862	16.1	35.0	32.8	2.2	63	1041	21.4	22.4	20.5	1095	1862
1863	16.8	35.3	33.0	2.3	65	1047	23.0	24.1	21.9	1101	1863
1864	17.2	35.4	33.1	2.3	64	1042	23.7	24.9	22.5	1104	1864
1865	17.5	35.4	33.2	2.2	62	1040	23.2	24.5	22.0	1113	1865
1866	17.5	35.2	33.1	2.1	60	1043	23.4	24.6	22.2	1106	1866
1867	16.5	35.4	33.3	2.1	59	1043	21.7	23.0	20.5	1118	1867
1868	16.1	35.8	33.7	2.1	59	1036	21.8	23.1	20.7	1115	1868
1869	15.9	34.8	32.8	2.0	58	1042	22.3	23.6	21.0	1119	1869
1870	16.1	35.2	33.2	2.0	56	1041	22.9	24.2	21.6	1121	1870
1871	16.7	35.0	33.0	2.0	56	1035	22.6	23.9	21.3	1123	1871
1872	17.4	35.6	33.7	1.9	54	1041	21.3	22.6	19.9	1134	1872
1873	17.6	35.4	33.6	1.8	52	1039	21.0	22.4	19.8	1132	1873
1874	17.0	36.0	34.2	1.8	50	1037	22.2	23.6	20.9	1128	1874
1875	16.7	35.4	33.7	1.7	48	1043	22.7	24.1	21.4	1126	1875
1876	16.5	36.3	34.6	1.7	47	1038	20.9	22.3	19.6	1140	1876
1877	15.7	36.0	34.3	1.7	47	1036	20.3	21.7	18.9	1145	1877
1878	15.2	35.6	33.9	1.7	47	1042	21.6	22.9	20.3	1126	1878
1879	14.4	34.7	33.0	1.7	48	1036	20.7	22.0	19.6	1124	1879
1880	14.9	34.2	32.6	1.6	48	1036	20.5	21.8	19.3	1130	1880
1881	15.1	33.9	32.2	1.7	49	1039	18.9	20.0	17.8	1122	1881
1882	15.5	33.7	32.1	1.6	49	1038	19.6	20.7	18.5	1118	1882
1883	15.4	33.3	31.7	1.6	48	1035	19.5	20.7	18.5	1120	1883
1884	15.0	33.3	31.7	1.6	47	1041	19.5	20.7	18.4	1122	1884
1885	14.4	32.5	30.9	1.6	48	1040	19.0	20.0	18.0	1113	1885
1886	14.1	32.4	30.9	1.5	47	1039	19.3	20.3	18.3	1113	1886

TABLE 3.—ENGLAND.—Annual Marriage-, Birth-, and Death-rates, in Groups of Years, 1838-86.

PERIOD.	MAR-RIAGES. Persons Married to 1,000 Living.	BIRTHS.				Deaths of Males to 1,000 Deaths of Females, in equal Numbers Living.	DEATHS.			
		Births to 1000 Living.			Illegitimate Births in 1000 Births of Females.		Deaths to 1000 Living.			
		Total.	Illegitimate.	Legitimate.			Persons.	Males.	Females.	
1838-36	16.2	34.0	32.4*	2.0*	68 ^w	1043	21.8	22.8	20.8	1099
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	35.5	33.7	1.8	50	1038	21.4	22.7	20.1	1131
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	1037
1851-55	17.2	33.9	31.7	2.2	66	1046	22.7	23.5	21.8	1079
1856-60	16.7	34.4	32.1	2.2	65	1046	21.8	22.6	21.0	1079
1861-65	16.8	35.1	32.9	2.2	63	1043	22.6	23.7	21.5	1102
1866-70	16.4	35.3	33.2	2.1	58	1041	22.4	23.7	21.2	1116
1871-75	17.1	35.5	33.6	1.8	52	1039	22.0	23.3	20.7	1129
1876-80	15.3	35.4	33.7	1.7	47	1038	20.8	22.1	19.5	1133
1881-85	15.1	33.3	31.7	1.6	48	1039	19.3	20.4	18.2	1119

* For the period 1845-86.

TABLE 4.—ENGLAND.—Annual Marriage-, Birth-, and Death-rates in each Quarter; in Groups of Years, 1838-80, and in each Year, 1881-86.

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.
1838-86	13.4	16.5	15.7	19.2	35.4	35.1	32.9	32.7	24.2	21.4	20.0	21.4
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	11.8	15.5	14.8	18.3	35.1	34.7	32.9	33.0	21.5	18.6	16.8	18.7
1882	12.2	16.1	15.4	18.2	34.3	34.5	33.1	32.7	21.5	19.0	17.8	20.0
1883	13.4	14.4	15.5	18.4	35.2	34.3	31.7	32.0	22.2	20.0	16.8	19.2
1884	12.3	15.9	14.7	17.1	33.2	34.2	33.0	32.9	19.5	18.9	19.7	19.9
1885	11.5	15.2	14.3	16.5	34.2	32.4	31.5	32.0	21.8	19.3	16.5	18.5
1886	11.4	14.5	13.8	16.5	33.5	33.3	31.9	31.0	22.8	18.0	17.8	18.5

TABLE 5.—ENGLAND.—Marriages.—Manner of Solemnisation, 1841-86.

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.		Quakers.	Jews.	Civil Marriages in Superintendent Registrar's Office.
							Roman Catholics.	Other Christian Denominations.			
1841	0.1	129	637	8	160	934	66	48	0.5	0.9	17
1842	0.1	126	637	8	155	926	74	52	0.5	1.4	20
1843	0.1	118	645	10	145	918	82	57	0.5	1.2	23
1844	0.1	113	643	12	139	907	93	48	0.4	1.3	26
1845	0.1	111	646	12	132	901	99	49	0.5	1.3	28
1846	0.1	118	638	13	127	896	104	52	0.5	1.5	29
1847	0.1	126	625	14	125	890	110	55	0.6	1.4	31
1848	0.1	122	626	16	115	879	121	58	0.5	1.3	35
1849	0.1	118	639	18	93	868	132	61	0.4	1.6	39
1850	0.1	114	645	21	77	857	143	63	0.5	1.7	41
1851	0.1	115	644	22	68	849	151	62	0.4	1.7	44
1852	0.1	123	670	23	27	843	157	63	0.4	1.6	45
1853	0.1	125	664	23	27	839	161	62	0.5	1.8	46
1854	0.1	132	658	24	26	840	160	61	0.3	1.8	48
1855	0.1	134	655	25	26	840	160	61	0.4	1.5	49
1856	0.1	134	655	25	25	839	161	60	0.5	2.0	51
1857	0.1	134	641	24	25	824	176	67	0.4	2.0	61
1858	0.1	127	644	24	26	821	179	70	0.5	1.4	64
1859	0.1	121	643	25	23	812	188	75	0.4	1.9	65
1860	0.1	122	638	25	22	807	193	79	0.4	1.8	66
1861	0.1	123	628	25	22	798	202	80	0.4	1.6	72
1862	0.1	119	627	24	21	791	209	84	0.4	1.8	78
1863	0.1	111	632	25	20	788	212	84	0.3	1.8	79
1864	0.1	110	629	24	19	782	218	87	0.3	1.9	81
1865	0.1	112	629	22	19	782	219	90	0.3	1.9	80
1866	0.1	108	630	23	17	778	222	91	0.3	1.6	81
1867	0.1	108	628	22	17	775	225	95	0.4	1.8	84
1868	0.2	103	627	23	16	769	231	97	0.4	1.7	90
1869	0.1	98	627	23	15	763	237	99	0.3	1.9	95
1870	0.1	94	634	22	10	760	240	99	0.3	2.0	98
1871	0.1	89	642	22	8	761	239	100	0.3	2.1	97
1872	0.1	85	645	21	6	757	243	100	0.2	2.1	99
1873	0.1	85	642	20	5	752	248	102	0.4	2.4	103
1874	0.1	88	636	19	4	747	253	105	0.2	2.3	105
1875	0.1	87	635	18	4	744	256	107	0.3	2.4	104
1876	0.2	87	630	18	3	738	262	110	0.3	2.3	107
1877	0.1	84	627	18	4	733	267	112	0.4	2.2	109
1878	0.2	82	623	18	3	726	274	113	0.3	2.7	116
1879	0.2	79	623	18	3	723	277	113	0.3	2.5	120
1880	0.2	73	623	18	3	717	283	111	0.3	2.4	126
1881	0.3	69	625	18	3	715	285	111	0.3	2.5	126
1882	0.4	65	631	17	2	715	285	111	0.3	2.5	126
1883	0.3	63	629	18	2	712	288	113	0.3	2.6	128
1884	0.3	60	628	17	2	707	293	116	0.3	2.9	131
1885	0.4	59	629	17	3	708	292	118	0.2	3.2	130
1886	0.2	56	632	17	2	707	293	117	0.2	3.4	130

TABLE 6.—ENGLAND.—Marriages.—Manner of Solemnisation, in Counties, 1886.

REGISTRATION COUNTY.	OF 1000 MARRIAGES.											
	ACCORDING TO THE RITES OF THE ESTABLISHED CHURCH.						NOT ACCORDING TO THE RITES OF THE ESTABLISHED CHURCH.					
	Special Licence.	Licence.	Banns.	Superintendent Registrar's Certificate.	Not stated.	TOTAL IN ESTABLISHED CHURCH.	TOTAL NOT IN ESTABLISHED CHURCH.	In Registered Places.		Quakers.	Jews.	Civil Marriages in Superintendent Registrar's Office.
							Roman Catholics.	Other Christian Denominations.				
ENGLAND	0.2	56	632	17	2	707	293	42	117	0.2	3.4	130
I.—LONDON.	1.0	71	741	1	1	815	185	37	39	0.2	13.6	95
II.—SOUTH-EASTERN.												
Surrey (extra-metrop.)	0.3	64	720	9	2	795	205	21	87	—	—	97
Kent (extra-metrop.)	—	38	692	16	4	750	250	15	122	0.2	—	113
Sussex	0.3	58	730	4	3	795	205	13	83	0.3	1.3	107
Hampshire	—	53	651	21	2	727	273	17	97	0.2	0.4	158
Berkshire	—	49	740	—	4	794	206	7	100	—	—	99
III.—SOUTH MIDLAND.												
Middlesex (extra-metrop.)	—	67	761	—	1	829	171	21	76	0.4	—	74
Hertfordshire	1.0	38	809	1	5	854	146	3	85	1.0	—	57
Buckinghamshire	—	33	767	3	10	813	187	2	98	—	—	87
Oxfordshire	—	56	742	7	5	810	190	14	113	—	—	63
Northamptonshire	—	36	666	7	8	717	283	10	135	—	—	138
Huntingdonshire	—	11	806	—	17	834	166	—	107	—	—	59
Bedfordshire	—	33	704	13	6	756	244	3	151	—	—	90
Cambridgeshire	—	34	754	—	3	791	209	4	127	—	—	78
IV.—EASTERN.												
Essex	0.3	43	759	3	7	812	188	18	96	0.8	—	73
Suffolk	—	39	719	2	18	778	222	1	109	0.4	—	112
Norfolk	0.3	46	711	3	7	767	233	8	101	0.3	—	124
V.—SOUTH-WESTERN.												
Wiltshire	—	47	673	—	3	723	277	5	190	—	—	82
Dorsetshire	—	38	731	14	9	792	208	9	102	—	—	97
Devonshire	0.2	73	461	7	6	547	453	12	150	0.2	1.1	290
Cornwall	—	76	459	4	5	544	456	2	220	—	—	234
Somersetshire	—	62	664	9	4	739	261	7	162	—	—	92
VI.—WEST MIDLAND.												
Gloucestershire	—	54	653	4	4	715	235	11	104	0.5	0.8	169
Herefordshire	—	75	687	4	15	781	219	7	103	—	—	109
Shropshire	—	74	647	16	3	740	260	14	130	—	—	116
Staffordshire	—	34	757	8	3	802	198	30	92	—	—	76
Worcestershire	—	46	787	4	4	841	159	17	77	—	—	65
Warwickshire	0.4	23	752	14	0	789	211	34	61	0.4	3.5	112
VII.—NORTH MIDLAND.												
Leicestershire	—	29	656	10	2	697	303	25	119	—	—	159
Rutlandshire	—	30	826	—	—	864	136	8	61	—	—	67
Lincolnshire	7.6	49	682	3	6	740	260	10	195	—	0.3	55
Nottinghamshire	—	49	660	1	3	713	287	8	99	—	0.9	179
Derbyshire	—	76	627	14	3	720	280	28	164	0.4	—	88
VIII.—NORTH-WESTERN.												
Cheshire	—	76	608	14	2	700	300	60	145	0.2	—	95
Lancashire	0.1	60	546	50	0	656	344	116	147	0.3	2.6	79
IX.—YORKSHIRE.												
West Riding	—	30	673	29	0	732	238	37	139	0.1	3.3	89
East Riding (with York)	0.3	77	615	2	3	697	303	31	134	1.4	2.1	134
North Riding	—	101	503	10	1	618	382	59	121	0.5	1.4	200
X.—NORTHERN.												
Durham	—	46	405	54	1	506	494	78	109	0.3	0.6	306
Northumberland	—	62	469	12	2	545	455	71	109	0.6	3.7	271
Cumberland	—	157	360	60	1	578	422	66	104	—	—	252
Westmorland	—	194	530	11	8	743	257	8	125	5.3	—	119
XI.—WELSH.												
Monmouthshire	—	38	399	8	1	446	554	48	189	—	2.2	315
South Wales	0.1	61	254	13	2	330	670	33	259	0.1	1.0	377
North Wales	—	89	240	18	1	348	652	7	348	—	—	297

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

TABLE 9.—ENGLAND.—Buildings for Solemnisation of Marriage on the Register, 31st December, 1886.

No.	ENGLAND, DIVISION, AND REGISTRATION COUNTY.	ALL RELIGIOUS DENOMINATIONS.	ESTABLISHED CHURCH.	Other Religious Denominations.																			
				ALL OTHER RELIGIOUS DENOMINATIONS.										Wesleyan Methodists.									
				Presbyterians.	Independents.	Baptists.	United Brethren or Moravians.	Roman Catholics.	Unitarians.	Original Connexion.	New Connexion.	Primitive Methodists.	United Methodist Free Church.	Other Wesleyan Methodists.	Calvinistic Methodists.	Countess of Huntingdon's Connexion.	New Jerusalem Church.	Catholic and Apostolic Church.	All others.				
	ENGLAND - - -	24584	14813	9766	349	2271	1832	26	927	142	1796	153	721	417	136	522	35	42	32	365			
	I.—LONDON.																						
	Middlesex (part of) - - -	774	381	393	32	100	69	1	49	8	51	1	13	11	1	7	1	3	5	41			
	Surrey (part of) - - -	281	130	151	7	39	47	-	10	3	19	2	3	6	1	1	1	1	2	10			
	Kent (part of) - - -	112	52	60	5	12	17	-	6	-	9	1	2	2	-	-	-	-	1	5			
	II.—SOUTH EASTERN.																						
1	Surrey (extra-metropolitan) - - -	353	216	137	6	42	32	-	17	2	24	-	6	1	-	-	-	-	-	6			
2	Kent (extra-metropolitan) - - -	718	487	231	6	60	66	-	21	2	47	-	13	2	3	-	3	1	1	6			
3	Sussex - - -	559	389	170	7	48	42	-	21	4	23	-	4	1	3	-	3	1	1	10			
4	Hampshire - - -	630	429	201	6	60	37	-	16	3	37	-	4	1	3	-	3	1	1	12			
5	Berkshire - - -	360	266	94	3	18	24	-	10	1	17	-	15	1	-	-	2	-	-	3			
	III.—SOUTH MIDLAND.																						
6	Middlesex (extra-metropolitan) - - -	247	126	121	4	38	31	-	14	-	19	-	2	-	1	-	1	-	1	10			
7	Hertfordshire - - -	281	188	93	1	41	26	-	4	1	12	-	1	-	-	-	2	-	-	4			
8	Buckinghamshire - - -	274	196	78	-	18	32	-	3	-	13	-	6	2	-	-	-	-	-	4			
9	Oxfordshire - - -	336	264	72	-	16	18	1	9	-	16	-	4	4	-	-	-	-	1	2			
10	Northamptonshire - - -	438	313	125	-	35	46	1	6	1	20	-	4	4	3	-	-	-	1	4			
11	Huntingdonshire - - -	119	81	38	-	5	21	1	2	-	6	-	-	-	-	-	-	-	-	3			
12	Bedfordshire - - -	214	138	76	-	12	31	2	2	-	23	-	5	-	-	-	-	-	-	1			
13	Cambridgeshire - - -	285	192	93	-	19	39	-	3	1	15	-	12	1	-	-	1	-	-	2			
	IV.—EASTERN.																						
14	Essex - - -	609	419	190	2	83	30	-	17	2	34	-	5	1	1	-	-	1	1	13			
15	Suffolk - - -	646	509	187	3	50	45	-	8	1	17	-	9	1	-	-	-	1	1	2			
16	Norfolk - - -	847	702	145	2	26	40	-	9	3	24	-	24	12	-	-	-	1	-	4			
	V.—SOUTH WESTERN.																						
17	Wiltshire - - -	474	330	144	-	43	48	2	7	-	21	-	12	2	-	-	-	-	1	8			
18	Dorsetshire - - -	373	293	80	-	26	6	-	10	3	24	-	9	-	1	-	-	-	-	1			
19	Devonshire - - -	808	538	270	11	70	50	1	14	3	57	-	4	5	28	2	-	-	1	24			
20	Cornwall - - -	398	251	147	-	19	7	-	7	-	57	1	4	25	25	-	-	-	-	-			
21	Somersetshire - - -	803	554	249	3	69	49	2	13	4	61	-	8	11	12	-	-	1	1	14			
	VI.—WEST MIDLAND.																						
22	Gloucestershire - - -	605	402	203	5	62	53	1	12	1	30	-	6	10	2	3	3	-	-	15			
23	Herefordshire - - -	285	228	57	-	10	12	1	2	-	8	1	14	-	-	2	1	-	-	6			
24	Shropshire - - -	437	314	123	2	39	15	-	11	-	17	3	22	3	1	6	-	-	-	3			
25	Staffordshire - - -	627	350	277	7	44	28	-	42	5	79	23	31	8	-	-	1	-	3	6			
26	Worcestershire - - -	338	219	89	3	17	19	-	13	2	15	2	7	2	-	-	1	-	3	3			
27	Warwickshire - - -	500	312	188	3	47	41	1	31	7	30	3	5	5	-	2	1	2	1	9			
	VII.—NORTH MIDLAND.																						
28	Leicestershire - - -	441	293	148	2	28	50	-	14	2	29	2	13	2	-	-	-	-	-	6			
29	Rutlandshire - - -	70	57	13	-	3	5	-	1	-	2	-	1	-	-	-	-	-	-	1			
30	Lincolnshire - - -	846	650	196	1	24	34	-	13	3	56	1	39	21	-	-	-	1	-	3			
31	Nottinghamshire - - -	419	282	137	1	20	31	-	9	2	29	7	18	12	-	-	-	1	1	6			
32	Derbyshire - - -	379	207	172	3	35	20	1	14	2	42	3	23	24	-	-	1	2	-	2			
	VIII.—NORTH WESTERN.																						
33	Cheshire - - -	532	247	285	24	54	24	-	27	7	67	10	42	9	2	13	-	-	2	4			
34	Lancashire - - -	1954	737	1217	62	220	126	4	227	30	222	29	82	89	25	20	3	19	3	56			
	IX.—YORKSHIRE.																						
35	West Riding - - -	1495	667	828	6	164	101	6	62	16	225	44	84	89	3	-	-	-	5	3			
36	East Riding (with York) - - -	377	248	129	5	23	10	-	12	1	39	3	24	6	1	-	-	-	1	4			
37	North Riding - - -	402	264	138	6	22	7	-	18	3	45	-	30	6	-	-	-	-	-	1			
	X.—NORTHERN.																						
38	Durham - - -	500	248	252	28	25	17	-	49	4	53	11	43	17	-	-	-	-	-	5			
39	Northumberland - - -	352	164	188	69	14	7	-	30	-	20	5	18	13	3	-	-	-	-	8			
40	Cumberland - - -	264	175	89	16	16	3	-	13	-	22	-	14	2	1	-	-	-	-	2			
41	Westmorland - - -	113	81	32	2	7	3	-	1	-	9	-	5	2	-	-	-	-	-	3			
	XI.—WELSH.																						
42	Monmouthshire - - -	339	166	173	1	44	76	1	13	-	12	-	8	1	3	12	-	-	-	2			
43	South Wales - - -	1473	640	833	4	290	246	-	22	15	44	-	9	1	4	190	1	-	-	7			
44	North Wales - - -	897	393	504	-	114	51	-	13	-	55	1	5	-	-	261	-	-	-	4			

TABLE 10.—ENGLAND.—Birth- and Death-rates in Counties, 1876-85, and 1886.

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 1876-85.	1886.	Ten Years 1876-85.	1886.	Ten Years 1876-85.	1886.	1886.				Ten Years 1876-85.	1886.
							Persons.	Persons.	Males.	Females.		
ENGLAND - - -	34.4	32.4	48	47	1038	1039	20.1	19.3	20.3	18.3	142	149
I.—LONDON.	34.7	32.4	39	38	1039	1041	21.4	19.9	21.6	18.4	152	149
II.—SOUTH EASTERN.												
Surrey (extra-metrop.) - - -	30.5	28.7	39	41	1033	1016	16.3	16.0	17.3	14.8	112	120
Kent (extra-metrop.) - - -	32.2	31.7	43	43	1044	1028	17.4	17.8	18.5	17.1	118	130
Sussex - - -	29.7	27.4	51	52	1045	1035	16.4	16.1	17.2	15.0	110	121
Hampshire - - -	31.2	31.4	44	41	1036	1022	17.8	19.3	20.4	18.2	112	131
Berkshire - - -	31.2	29.9	48	51	1041	1036	17.3	17.0	17.8	16.1	110	121
III.—SOUTH MIDLAND.												
Middlesex (extra-metrop.) - - -	33.2	35.1	35	32	1041	1041	17.5	17.8	19.2	16.5	128	142
Hertfordshire - - -	31.1	30.3	55	54	1035	1072	17.5	18.2	19.0	17.4	112	115
Buckinghamshire - - -	32.2	32.4	53	46	1043	1026	17.9	18.5	19.0	18.1	122	132
Oxfordshire - - -	31.0	30.8	56	57	1037	1094	17.7	18.2	19.3	17.1	117	121
Northamptonshire - - -	33.9	32.1	45	45	1040	1032	18.3	18.3	18.9	17.7	135	143
Huntingdonshire - - -	29.6	29.7	49	46	1024	980	17.2	19.3	20.5	18.2	114	111
Bedfordshire - - -	32.5	33.2	63	64	1057	1079	18.7	18.9	20.6	17.4	138	137
Cambridgeshire - - -	30.9	30.1	55	54	1043	1045	17.9	19.5	20.3	18.8	123	140

TABLE 11.—ENGLAND.—Annual Death-rates at Twelve Groups of Ages, 1838-86.*—Males.

YEAR.	DEATHS TO 1000 LIVING—MALES.												
	AGES.												
	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwds.
1838	23.4	70.7	9.1	5.3	7.4	9.9	10.7	13.4	19.1	33.6	68.0	148.4	316.0
1839	22.8	71.8	9.1	5.1	7.2	9.4	9.9	12.6	17.7	31.6	63.4	139.1	291.2
1840	23.7	75.2	10.8	5.4	7.4	9.3	9.9	12.7	17.7	31.2	66.0	144.5	311.8
1841	22.4	68.4	9.6	5.1	7.2	9.2	9.8	12.2	17.7	31.3	64.5	142.6	303.0
1842	22.4	70.4	9.0	5.0	6.9	8.9	9.3	12.0	17.2	30.3	65.7	145.6	300.6
1843	22.0	68.8	8.4	4.8	6.7	8.9	9.2	12.2	17.0	30.0	65.5	140.7	293.5
1844	22.3	69.5	8.9	4.7	6.4	8.9	9.3	12.3	17.3	30.3	66.9	145.8	319.9
1845	21.7	66.5	8.2	4.6	6.6	9.1	9.2	12.1	17.0	29.6	64.7	143.7	308.4
1846	23.9	77.4	8.2	5.1	7.3	10.0	10.2	12.8	17.8	31.1	67.4	150.4	328.9
1847	25.5	76.0	9.7	5.5	8.0	10.8	11.0	14.5	20.5	36.5	77.1	173.6	364.6
1848	23.8	73.6	10.4	5.3	7.2	10.0	10.2	13.1	18.4	32.4	67.7	149.2	309.5
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	8.0	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	56.4	5.8	3.2	4.5	6.1	8.3	13.0	19.3	33.9	67.8	144.9	294.1
1882	20.7	62.5	6.3	3.2	4.6	5.9	8.2	12.6	19.1	33.5	66.2	139.0	286.6
1883	20.7	59.3	6.1	3.3	4.7	6.2	8.3	13.0	19.8	34.6	70.1	148.3	300.8
1884	20.7	62.3	5.7	3.2	4.6	6.0	8.1	12.6	19.5	32.8	63.4	141.0	287.8
1885	20.0	57.5	5.0	2.9	4.4	5.8	8.0	12.5	19.4	33.4	71.4	149.8	312.6
1886	20.3	60.3	4.6	2.8	4.3	5.6	7.6	12.0	19.3	33.5	72.7	151.0	333.0

* See Note to Table 13.

TABLE 12.—ENGLAND.—Annual Death-rates at Twelve Groups of Ages, 1838-86.*—Females.

YEAR.	DEATHS TO 1000 LIVING—FEMALES.												
	AGES.												
	ALL AGES.	0—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	85 and upwds.
1838	21.5	61.1	8.6	5.8	8.2	9.3	10.6	13.0	16.4	29.3	58.4	131.4	278.4
1839	21.0	61.7	9.0	5.7	8.2	9.0	10.1	12.4	15.4	27.0	55.0	124.2	263.4
1840	22.0	64.3	10.6	6.0	8.5	8.9	10.3	12.6	15.5	28.0	58.5	134.4	293.5
1841	20.8	58.6	9.2	5.4	8.0	8.8	10.1	12.3	15.4	27.3	58.3	133.5	291.3
1842	21.0	60.2	8.9	5.3	7.9	8.7	10.0	12.2	15.3	27.4	60.0	130.6	291.4
1843	20.5	59.0	8.2	5.0	7.3	8.4	9.7	12.3	14.9	26.9	58.6	130.2	286.0
1844	20.8	58.7	8.7	5.2	7.5	8.6	10.0	12.0	15.3	27.6	60.2	134.4	291.5
1845	20.1	56.5	7.8	4.9	7.6	8.6	9.8	12.0	14.7	26.6	58.4	130.2	282.9
1846	22.2	66.7	8.0	5.5	8.0	9.3	10.4	12.5	15.7	27.8	61.3	137.8	314.6
1847	23.9	65.7	9.4	5.9	8.4	9.9	11.7	14.4	18.1	32.3	69.6	159.9	333.0
1848	22.2	63.8	9.8	5.7	8.0	9.4	10.8	13.1	16.0	28.5	60.3	135.6	285.3
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	263.2
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	55.6	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</			

TABLE 13.—ENGLAND.—Annual Death-rates at Twelve Groups of Ages in Groups of Years, 1838-86.*—Males and Females.

PERIOD.	AGES.												
	ALL AGES.	0-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85 and upwds.
DEATHS TO 1000 LIVING.													
MALES.													
1838 to 1886.	22.8	70.1	7.9	4.4	6.2	8.3	9.5	13.1	18.9	32.8	67.6	147.7	313.5
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
1888-40	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	20.4	59.6	5.8	3.2	4.6	6.0	8.2	12.7	19.4	33.6	68.8	144.6	296.4
FEMALES.													
1838 to 1886.	20.8	60.3	7.7	4.6	6.7	7.9	9.5	12.1	15.6	28.0	59.8	134.3	288.1
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
1888-40	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	18.2	50.5	5.6	3.3	4.7	5.9	7.9	10.9	15.2	27.8	59.5	129.4	267.8

* The populations used are deduced from the rates of increase observed in the 40 years 1841-81 (see Table 1), and are distributed in the several groups of ages according to the proportions found to prevail at the last five Censuses.

TABLE 14.—ENGLAND. Death-rates, at Twelve Groups of Ages, in Registration Counties, 1886.

REGISTRATION COUNTY.	ALL AGES.	0-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85 & up-wards.
ENGLAND - - -	19.3	55.6	4.7	3.0	4.4	5.5	7.4	11.1	17.1	30.8	68.1	143.4	316.3
I.—LONDON - - -	19.9	63.7	4.7	2.7	3.5	4.5	7.2	12.6	20.2	35.3	74.9	151.8	310.0
II.—SOUTH EASTERN.													
No. 1 Surrey (extra-metro.)	16.0	41.5	3.8	2.4	4.0	4.0	6.0	10.5	15.7	28.5	63.8	138.9	361.3
2 Kent (extra-metro.)	17.8	45.6	4.4	2.8	4.2	5.3	7.2	10.2	15.9	28.3	59.7	143.3	312.7
3 Sussex - - -	16.1	40.0	3.3	2.6	3.7	4.6	6.6	9.6	14.2	24.3	55.5	131.9	311.6
4 Hampshire - - -	19.3	51.4	4.9	2.8	4.6	5.8	8.7	10.6	15.8	28.5	65.8	148.6	354.3
5 Berkshire - - -	17.0	40.6	3.9	2.6	3.5	5.0	6.9	9.1	14.5	25.0	61.6	130.3	401.3
III.—SOUTH MIDLAND.													
6 Middlesex (ex-metro.)	17.8	55.1	4.3	2.7	3.3	3.4	6.6	10.2	15.7	29.6	66.5	126.7	295.2
7 Hertfordshire - - -	18.2	41.4	4.1	3.1	3.6	5.4	6.4	8.3	14.7	28.6	62.5	161.0	403.0
8 Buckinghamshire - - -	18.5	48.9	3.4	2.4	2.6	5.2	6.9	8.1	13.8	23.0	64.7	152.8	410.3
9 Oxfordshire - - -	18.2	41.5	3.6	2.8	2.9	5.9	7.4	9.1	14.6	25.0	69.5	155.2	316.8
10 Northamptonshire - - -	18.3	51.4	4.1	2.5	4.2	6.2	6.0	9.7	12.5	25.4	60.5	141.7	400.4
11 Huntingdonshire - - -	19.3	41.7	5.3	3.0	4.5	8.4	7.2	8.3	11.5	24.0	70.8	140.4	355.1
12 Bedfordshire - - -	18.9	51.3	4.0	3.3	3.2	4.3	7.7	10.2	12.3	25.9	67.9	157.9	445.4
13 Cambridgeshire - - -	19.5	49.6	4.0	2.8	5.0	6.3	8.5	9.9	13.8	23.8	59.7	136.1	358.8
IV.—EASTERN.													
14 Essex - - -	19.0	53.5	4.7	2.8	4.4	5.2	6.6	10.9	15.9	25.5	63.3	144.4	338.4
15 Suffolk - - -	18.7	48.2	3.4	2.6	4.3	6.5	6.6	8.3	11.8	23.8	54.2	136.1	343.2
16 Norfolk - - -	19.4	50.7	3.7	2.2	4.0	5.8	6.9	9.2	12.1	23.7	56.5	130.7	349.3
V.—SOUTH-WESTERN.													
17 Wiltshire - - -	17.5	35.1	3.5	2.4	4.1	5.1	7.3	8.9	13.4	24.6	64.9	154.5	341.0
18 Dorsetshire - - -	17.6	39.4	3.6	1.9	4.3	6.1	7.3	9.4	13.1	24.0	58.0	142.9	354.7
19 Devonshire - - -	19.7	49.6	4.5	3.4	5.1	6.2	7.8	10.7	14.7	25.9	61.3	138.9	319.5
20 Cornwall - - -	22.1	69.7	6.0	3.2	4.8	6.7	7.7	8.5	13.5	25.6	64.5	144.4	337.2
21 Somersetshire - - -	18.0	39.0	3.7	2.4	3.8	5.5	6.7	10.3	16.0	26.8	63.5	131.8	300.4
VI.—WEST MIDLAND.													
22 Gloucestershire - - -	18.4	45.9	4.1	2.8	3.5	5.2	6.8	10.6	16.0	29.7	66.0	141.3	309.6
23 Herefordshire - - -	18.8	42.7	3.7	2.8	3.5	6.4	7.4	10.1	13.0	29.3	62.4	148.2	304.2
24 Shropshire - - -	18.0	44.4	3.9	2.5	3.7	6.1	7.0	9.4	12.6	25.9	61.1	136.5	308.8
25 Staffordshire - - -	19.1	58.6	3.7	2.3	3.3	5.1	7.0	10.5	16.4	33.4	71.1	152.2	333.0
26 Worcestershire - - -	17.1	46.5	3.6	2.5	3.5	4.4	5.9	10.0	13.4	27.7	68.2	140.0	275.9
27 Warwickshire - - -	19.1	56.4	4.5	2.7	3.6	4.8	6.6	11.6	17.5	31.1	70.4	142.2	347.3
VII.—NORTH MIDLAND.													
28 Leicestershire - - -	19.2	58.5	3.7	2.6	3.7	4.1	7.0	9.7	14.0	25.7	61.8	152.8	352.0
29 Rutlandshire - - -	16.3	37.2	3.6	3.1	1.3	3.4	3.6	8.2	12.0	19.5	63.3	130.6	460.0
30 Lincolnshire - - -	17.5	44.9	4.1	2.7	4.8	5.1	6.5	9.0	11.9	25.2	55.2	132.3	307.1
31 Nottinghamshire - - -	19.5	61.4	4.1	2.7	4.8	5.6	7.3	9.6	14.7	28.6	58.3	141.8	292.7
32 Derbyshire - - -	17.8	45.7	4.4	2.5	4.3	5.6	6.4	9.5	15.9	31.9	72.7	161.3	337.7
VIII.—NORTH-WESTERN.													
33 Cheshire - - -	18.7	51.4	4.3	3.0	4.3	5.6	7.7	11.6	17.9	32.9	76.0	153.6	302.0
34 Lancashire - - -	21.9	68.4	6.0	3.5	5.0	5.8	8.4	13.7	22.2	41.4	87.7	164.7	317.2
IX.—YORKSHIRE.													
35 West Riding - - -	19.1	56.1	5.0	3.1	5.0	5.6	7.4	10.6	17.8	34.4	78.3	160.6	344.9
36 East Riding (with York)	18.7	52.9	4.4	3.3	4.9	6.3	7.3	9.9	16.7	25.5	62.6	147.1	334.5
37 North Riding - - -	17.0	44.8	4.0	2.7	4.4	5.2	7.0	9.5	14.3	26.5	60.4	134.8	275.0
X.—NORTHERN.													
38 Durham - - -	18.3	55.9	5.2	3.9	5.1	5.7	6.5	9.5	15.5	30.6	71.2	137.7	312.3
39 Northumberland - - -	19.8	54.8	5.1	3.9	6.0	7.1	8.5	12.1	17.6	32.3	67.9	146.6	299.2
40 Cumberland - - -	17.2	41.8	4.6	2.9	4.2	5.7	7.3	10.1	15.5	29.1	62.3	137.8	300.7
41 Westmorland - - -	14.7	29.4	4.1	2.5	2.8	3.9	5.6	7.8	10.6	22.0	62.6	137.8	376.0
XI.—WELSH.													
42 Monmouthshire - - -	23.1	71.6	5.8	3.5	5.8								

TABLE 15.—ENGLAND.—Deaths from Various Causes, 1862-86.

CAUSE OF DEATH.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.
ALL CAUSES - - -	436566	473887	495531	490909	500689	471073	480622	494828	515329	514879	492265	492520	526632	546453	510315	500496	539872	526255	528624	491935	516654	522997	530828	522750	537276
Small-pox - - - -	1579	5891	7624	6361	2977	2467	1994	1489	2547	23062	19022	2303	2084	849	2408	4278	1856	536	648	8098	1317	957	2234	2827	275
Measles - - - - -	9800	11349	8323	8562	10940	6588	11630	10309	7543	9293	8539	7403	12255	6173	9971	9045	7765	9185	12328	7300	12711	9329	11324	14495	12013
Scarlet Fever - - -	14834	30475	29700	17700	11685	12300	21912	27641	32543	18567	11922	13144	24922	20469	16993	14455	18842	17613	17404	14275	13732	12649	10853	6355	5986
Typhus - - - - -	18721	18017	20106	23034	21104	16862	19701	4281	3297	2754	1864	1638	1762	1499	1165	1104	906	533	530	552	910	877	328	818	245
Enteric Fever - - -	12272	11275	8570	8647	15764	11873	9223	8660	8731	8461	8741	8793	8861	8913	7550	6879	7652	5860	6710	5529	6036	6078	6380	4765	5061
Simple and Ill-defined Fever -	4903	6507	5464	4145	3000	2600	3013	2606	2699	2525	2152	2531	3580	3415	3151	2731	3498	3053	2310	3153	3392	4218	5020	4471	4098
Whooping-cough - -	1050	1086	983	746	778	741	439	1014	1393	811	481	435	429	791	464	477	461	494	423	450	471	455	362	495	395
Other Miasmatic Diseases*																									
Cholera - - - - -	511	807	934	1291	14378	922	1498	702	1065	866	801	749	566	550	598	309	629	209	797	317	351	392	805	308	536
Diarrhœa, Dysentery -	12156	15994	17432	24603	18266	20813	30929	20775	26126	24937	23034	22514	21888	24729	23417	15232	25103	11463	30185	14336	17185	15933	26412	13388	24748
Malarial Diseases† - -	434	339	314	197	258	207	163	199	265	263	166	165	193	185	143	208	209	217	167	362	345	288	276	227	215
Hydrophobia - - - -	1	4	12	19	36	10	7	18	32	56	39	28	61	47	53	79	50	35	29	34	28	34	28	60	26
Other Zoogenous Diseases -	7	22	22	20	20	15	21	26	29	34	24	25	33	44	27	43	56	52	61	71	83	65	73	68	61
Venereal Diseases - - -	1444	1565	1774	1885	1853	1888	2035	2037	2046	1995	2081	2078	2225	2461	2421	2353	2456	2316	2441	2334	2478	2570	2571	2452	2525
Erysipelas - - - - -	1520	1909	2091	1953	1665	1446	1943	1854	2120	2216	1771	2027	3358	3018	2327	2077	1870	1824	2014	2314	2435	2166	2145	1996	1523
Puerperal Fever - - -	910	1155	1484	1333	1197	1066	1196	1181	1492	1464	1400	1740	3108	2504	1746	1444	1415	1464	1659	2287	2564	2616	2468	2420	2078
Other Septic Diseases - -	72	159	206	242	273	246	337	355	407	376	366	405	674	645	549	584	577	646	646	712	617	583	633	549	421
Thrush - - - - -	904	961	1006	1244	966	1163	1124	1030	1203	1119	1039	1168	1234	1283	1242	1134	1420	927	1276	808	723	845	853	692	810
Other Parasitic Diseases -	156	193	165	183	163	172	172	148	151	160	154	183	188	227	204	225	240	230	247	211	246	194	196	137	180
Intemperance - - - - -	717	835	1059	1049	933	743	788	764	645	740	713	777	1053	1143	1120	1146	1116	928	950	1213	1323	1283	1269	1334	1392
Other Dietetic Diseases - -	591	538	666	653	606	653	557	518	602	529	450	457	477	566	480	653	707	606	705	491	480	480	307	288	264
Rheumatic Fever, Rheumatism of Heart - - - - -	1943	2175	2559	2530	2338	2253	2503	2753	2791	2726	2456	2503	3203	4044	3640	3574	3420	3415	3354	2429	2590	2357	2714	2912	2530
Rheumatism - - - - -	7350	7442	8065	7875	8246	8487	8834	9286	9330	9350	9945	10395	10941	11336	11521	12061	12594	12722	13210	13542	14057	14614	15193	15560	16243
Cancer - - - - -	50962	51072	53046	53734	55714	55942	54233	52270	54231	53376	52589	51355	49379	52943	51775	51353	52856	51272	48201	47541	48715	50053	49325	49175	47872
Phthisis - - - - -	15201	16227	16247	16908	16335	16520	16496	16565	16694	16236	16256	16496	16596	19042	18036	18850	20321	18788	19245	18937	19245	18937	20083	17983	20203
Other Tubercular and Scrofulous Diseases - - -	574	551	665	669	678	680	671	735	735	805	799	827	882	940	910	1006	1057	1048	1059	1237	1253	1369	1475	1524	1634
Diabetes Mellitus - - -	978	979	1093	1307	1362	1437	1401	1369	1414	1404	1329	1297	1366	1375	1736	2087	2222	2338	2493	2630	2894	2858	2954	3061	3402
Other Constitutional Diseases -																									

* Deaths from Relapsing Fever prior to 1869 are included with "Simple and Ill-defined Fever," and deaths from Cerebro-spinal Fever prior to 1877 are included with Typhus.
 † Deaths of children under 5 years of age from Remittent Fever from 1869 to 1880 are included with Enteric Fever.

TABLE 15 (continued).—ENGLAND.—Deaths from Various Causes 1862-86.

CAUSE OF DEATH.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.
Premature Birth - - -	7706	8121	8339	8791	8943	8990	8757	8666	9195	9550	10334	10186	10527	11685	11446	11618	12002	11929	12266	12048	12434	12872	13076	12904	13642
Atelectasis* - - - -	1269	1261	1297	1298	1398	1376	1432	1454	1480	1418	1475	1491	1496	1806	1904	2091	2157	2172	2275	2196	2254	2140	2309	2375	2343
Congenital Malformations	26780	27263	29498	28709	28546	28646	26050	27932	28889	28038	26900	29282	28604	28514	25461	26078	27483	29525	25823	26372	25765	28096	26879	27971	28451
Old Age - - - - -																									
Convulsions - - - - -	25286	26008	26382	26722	27431	26258	25897	26015	26548	25309	25376	26232	27139	23661	25408	24147	24700	23853	23503	22200	23021	22677	23056	22002	22873
Diseases of Nervous System -	30560	31607	33429	33723	33889	34303	34562	35877	37727	37476	37772	40033	41248	44589	42809	43966	45936	47028	46272	45550	46806	49666	49250	49618	51144
Dis. of Organs of Special Sense	130	190	201	182	188	200	180	192	178	163	153	169	155	240	298	324	377	347	414	492	582	482	529	544	568
Diseases of Circulatory System	19028	19996	22944	22791	22665	23327	23080	25422	25903	26820	27625	29118	30578	33203	32585	34895	36163	38377	35390	35682	36238	39232	40667	43911	45332
Croup - - - - -	5667	6957	6777	5921	5168	4387	4491	4478	4302	4116	3640	4282	5010	4542	4204	3910	4061	3574	3571	3594	4009	4591	4748	4235	3685
Diseases of Respiratory System	67281	66903	74991	69559	76905	71789	62638	79863	81589	81330	72901	85027	90034	102931	89346	87620	95865	109921	93167	89299	93876	97865	90211	101712	100207
Dentition - - - - -	3312	4116	4285	4271	4293	4300	4145	4083	4183	4108	4093	4273	4317	5212	4686	4470	4659	4256	4124	4550	4673	4762	4942	4653	4899
Diseases of Liver, Ascites	7979	8416	8802	9598	9223	9068	9009	9323	9323	9342	9614	9645	10336	11215	10832	10717	10931	10368	10194	9953	10120	9893	9760	9797	9863
Other Dis. of Digestive System	11864	12530	12644	12610	12209	12220	12754	12193	12773	12453	12300	12828	13784	14123	13932	14126	14456	13937	15206	14219	14825	15239	16166	15337	16971
Diseases of Lymphatic System†	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Diseases of Spleen - - - -	98	84	66	66	92	93	85	91	97	99	109	78	81	89	96	127	135	126	146	215	118	117	142	138	219
Dis. of other Ductless Glands†	14	38	37	69	66	67	106	96	92	91															

TABLE 16.—ENGLAND.—Annual Death-rates, from Various Causes, to a Million Persons living, 1862-86.
(Decimals are omitted, the nearest whole number being taken. When the Deaths from any Cause were too few to give a rate of 0.5, a cipher is inserted.)

CAUSE OF DEATH.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.
ALL CAUSES - - -	21431	22973	23663	23216	23386	21731	21833	22266	22902	22594	21255	21041	22199	22723	20883	20266	21570	20746	20501	18880	19560	19536	19511	19010	19278
Small-pox - - - -	78	286	364	301	139	114	91	67	113	1012	821	98	88	35	99	173	74	21	25	119	50	36	82	103	10
Measles - - - -	481	550	377	405	511	304	523	464	335	408	363	316	517	257	408	366	310	362	478	280	481	348	416	526	431
Scarlet Fever - - -	728	1478	1418	887	546	567	996	1244	1446	815	515	562	1051	851	691	585	753	694	675	548	520	472	399	231	215
Typhus - - - -								193	147	121	80	70	74	62	48	45	36	21	21	21	26	33	12	12	9
Enteric Fever - - -	919	874	960	1089	986	778	895	390	388	371	377	376	374	371	309	279	306	231	261	212	229	227	234	173	182
Simple and Ill-defined Fever								239	233	186	145	132	130	108	81	78	71	58	44	44	38	36	28	24	22
Whooping-cough - -	602	547	409	409	736	548	419	493	529	455	596	411	437	594	432	460	711	503	530	416	377	391	422	477	464
Diphtheria - - - -	241	315	261	196	140	120	137	117	120	111	93	108	150	142	129	111	140	120	109	121	151	158	185	163	147
Other Miasmatic Diseases *	52	53	47	35	36	34	20	46	62	36	21	19	18	33	19	19	19	16	17	17	18	17	14	18	14
Cholera - - - -	25	59	45	61	672	43	68	32	47	38	35	32	25	23	25	13	25	8	31	12	13	15	30	11	19
Diarrhoea, Dysentery - -	597	775	882	1164	853	960	1405	935	1161	1094	995	962	923	1029	917	619	1003	452	1171	558	651	595	971	487	888
Malarial Diseases * - -	21	16	15	9	12	10	7	9	12	12	7	7	8	8	6	8	8	9	6	14	13	11	10	8	8
Hydrophobia - - - -	0	0	1	1	2	0	0	1	1	2	2	1	3	2	2	3	2	1	1	1	1	1	1	2	1
Other Zoogenous Diseases	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	3	3	2	2	2
Venereal Diseases - - -	71	76	85	89	87	87	95	94	91	88	90	89	94	102	99	95	98	91	95	90	94	96	94	89	91
Erysipelas - - - -	75	93	100	92	78	69	88	83	94	97	76	87	142	126	95	84	75	72	78	89	92	81	79	73	55
Puerperal Fever - - -	46	56	71	63	56	49	54	53	66	64	60	74	131	104	71	58	57	58	64	88	98	98	91	88	75
Other Septic Diseases - -	4	8	10	11	13	11	15	16	18	16	16	17	28	27	22	24	23	25	25	27	23	22	23	20	15
Thrush - - - -	44	47	48	59	45	54	51	46	53	49	45	50	52	53	51	46	57	37	49	31	23	32	31	25	29
Other Parasitic Diseases - -	8	10	8	9	8	8	8	7	7	7	7	8	4	9	8	9	10	9	10	8	9	7	7	5	6
Intemperance - - - -	35	40	50	50	44	34	36	34	29	32	31	33	44	48	46	46	45	37	37	47	50	48	47	48	49
Other Dietetic Diseases - -	29	26	32	31	28	30	25	23	27	23	19	20	20	24	20	26	28	24	27	19	18	18	11	11	10
Rheumatic Fever, Rheumatism of Heart	95	105	122	120	109	104	114	124	124	120	106	107	135	168	149	145	137	135	130	93	98	88	100	106	91
Rheumatism - - - -																				37	35	38	32	32	31
Cancer - - - -	361	361	385	372	385	392	401	417	424	423	429	444	461	471	471	488	503	502	512	520	532	546	559	566	583
Phthisis - - - -	2502	2476	2533	2541	2602	2539	2336	2352	2410	2342	2271	2194	2081	2202	2119	2079	2112	2021	1869	1825	1844	1870	1812	1762	1718
Other Tubercular and Serofulous Diseases - - -	746	787	776	800	763	762	750	745	742	714	702	705	700	792	738	763	812	741	831	705	729	707	738	654	726
Diabetes Mellitus - - -	28	27	32	32	32	31	30	33	33	35	33	35	37	39	37	41	42	41	41	47	47	51	54	55	59
Other Constitutional Diseases -	48	47	52	62	64	66	64	62	68	62	57	55	58	66	71	85	89	92	97	101	110	107	109	111	122

* See Notes to Table 15.

TABLE 16 (continued).—ENGLAND.—Annual Death-rates, from Various Causes, to a Million Persons living, 1862-86.

CAUSE OF DEATH.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.
Premature Birth - - -	378	392	368	416	418	415	398	390	409	423	446	435	444	486	468	470	480	470	476	462	471	481	481	469	489
Atelectasis * - - -	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	24	26	22	20	25	24
Congenital Malformations - -	62	61	62	61	65	63	65	65	66	62	64	63	63	75	76	85	86	86	87	84	85	80	85	86	84
Old Age - - - -	1315	1322	1409	1358	1333	1321	1184	1257	1234	1230	1161	1251	1206	1186	1042	1056	1098	1164	1001	1012	976	1049	988	1018	1021
Convulsions - - - -	1241	1231	1260	1264	1281	1211	1177	1171	1180	1111	1096	1121	1144	1084	1040	978	987	940	912	852	872	847	847	801	821
Diseases of Nervous System - -	1500	1532	1596	1595	1583	1582	1570	1614	1677	1645	1631	1710	1739	1855	1752	1780	1835	1856	1795	1748	1772	1855	1810	1803	1835
Dis. of Organs of Special Sense	6	9	10	9	9	9	8	9	8	7	7	7	7	10	9	13	15	14	16	19	22	18	19	20	21
Diseases of Circulatory System	934	968	1095	1078	1059	1076	1049	1144	1151	1177	1193	1244	1289	1381	1333	1413	1445	1513	1372	1369	1372	1465	1495	1597	1625
Croup - - - -	278	337	324	280	241	202	204	202	191	181	157	183	211	189	172	158	162	141	138	138	174	171	175	154	182
Diseases of Respiratory System	3303	3244	3580	3291	3592	3312	2847	3594	3626	3569	3147	3632	3797	4282	3656	3548	3830	4333	3614	3427	3555	3656	3317	3699	3594
Dentition - - - -	187	200	205	202	201	198	188	184	186	180	177	183	182	217	200	181	186	168	160	175	177	178	182	169	176
Diseases of Liver, Ascites - -	392	408	420	454	431	418	409	420	410	410	415	412	436	466	443	434	437	409	395	382	383	370	359	356	355
Other Dis. of Digestive System	582	607	604	596	570	564	579	549	568	546	531	548	581	587	570	572	578	549	590	546	561	569	594	558	609
Diseases of Lymphatic System *	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	8	9	5	6	7	8
Diseases of Spleen - - - -	5	4	3	3	4	4	4	4	4	4	5	3	3	4	4	5	5	5	6	5	4	5	4	5	5
Dis. of other Ductless Glands *	1	2	2	3	3	3	5	4	4	4	4	4	4	6	6	7	9	8	8	8	9	9	9	9	10
Diseases of Urinary System - -	233	243	259	264	276	286	280	294	298	297	303	327	336	369	364	372	375	390	372	381	394	446	438	441	445
Diseases of Organs of Generation	63	62	65	62	62	65	62	62	63	58	59	59	59	63	57	60	63	60	53	63	58	58	61	60	57
Diseases of Parturition - - -	105	118	121	118	116	103	105	95	106	108	104	101	119	106	98	81	74	74	71	74	74	71	69	74	65
Dis. of Organs of Locomotion - -	100	107	113	108	94	96	101	100	100	104	100	99	101	104	102	110	114	109	104	92	92	101	91	91	91
Dis. of Integumentary System	71	76	79	71	67	66	65	66	65	63	58	62	63	79	70	80	80	73	71	61	63	66	67	64	66
Accident and Negligence - - -	648	676	723	735	705	699	681	653	651	663	663	654	670	703	662	632	637	602	589	608	581	589	563	542	534
Homicide - - - -	21	19	20	21	22	18	21	17	17	17	17	17	17	15	17	14	15	12	12	14	14	12	12	11	11
Suicide - - - -	65	64	64	66	62	61	69	71	69	66	65	65	67	67	72	69	70	80	77	75	74	73	75	72	80
Execution - - - -	1	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	0	1
Ill-defined and not specified Causes - - - -	2104	2167	2191	2322	2243	2238	2133	1981	1993	1935	1854	1847	1869	1645	1503	1397	1411	1303	1332	1160	1154	1188	1149	1007	1047

* See Notes to Table 15.

TABLE 17.—ENGLAND.—Annual Death-rates, from various Causes, to a Million Persons living, in Groups of Years, 1858-85.

CAUSE OF DEATH.	3 Years 1858-60.	5 Years 1861-65.	5 Years 1866-70.	5 Years 1871-75.	5 Years 1876-80.	5 Years 1881-85.
ALL CAUSES - - - - -	22221.3	22582.0	22424.6	21963.4	20793.2	19299.4
Small-pox - - - - -	219.3	218.6	104.8	410.8	78.4	78.0
Measles - - - - -	480.0	456.6	428.4	373.2	334.8	410.2
Scarlet Fever - - - - -	891.0	982.4	959.8	758.8	679.6	434.0
Typhus - - - - -	792.0	921.8	849.8	81.4	34.2	22.8
Enteric Fever - - - - -				373.8	277.2	215.0
Simple and Ill-defined Fever - - - - -				140.2	69.2	34.0
Whooping-cough - - - - -	494.3	515.8	545.0	498.6	527.2	456.6
Diphtheria - - - - -	372.3	247.6	126.8	120.8	121.8	155.6
Other Miasmatic Diseases* - - - - -	75.7	46.0	39.6	25.4	18.2	16.8
Cholera - - - - -	32.0	42.4	172.4	30.6	20.4	16.2
Diarrhoea, Dysentery - - - - -	777.3	874.0	1062.8	1000.6	832.4	652.4
Malarial Diseases* - - - - -	32.7	16.2	10.0	8.4	7.4	11.2
Hydrophobia - - - - -	0.0	0.4	0.8	2.0	1.8	1.2
Other Zoogenous Diseases - - - - -	0.3	0.6	1.0	1.2	1.8	2.6
Veneral Diseases - - - - -	62.3	77.6	90.8	92.6	95.6	92.6
Erysipelas - - - - -	95.0	87.4	82.4	105.6	80.8	82.8
Puerperal Fever - - - - -	55.7	56.0	55.6	86.6	61.6	92.6
Other Septic Diseases - - - - -	?	8.3 (4 Years)	14.6	20.8	23.8	23.0
Thrush - - - - -	57.0	50.0	49.8	49.8	48.0	29.4
Other Parasitic Diseases - - - - -	8.0	8.6	7.6	7.0	9.2	7.2
Intemperance - - - - -	40.3	41.6	35.4	37.6	42.2	48.0
Other Dietetic Diseases - - - - -	32.0	30.4	26.6	21.2	25.0	15.4
Rheumatic Fever, Rheumatism } of Heart - - - - -	102.7	103.2	115.0	127.2	139.2	97.0
Rheumatism - - - - -						34.3
Cancer - - - - -	335.3	367.8	403.8	415.6	495.2	544.6
Phthisis - - - - -	2565.0	2526.6	2447.8	2218.0	2040.0	1820.6
Other Tubercular and Scrofulous } Diseases - - - - -	739.0	784.4	752.4	712.6	777.0	706.6
Diabetes Mellitus - - - - -						25.7	29.2	31.8	35.8	40.4	50.8
Other Constitutional Diseases - - - - -	46.0	51.2	63.8	59.6	86.8	107.6

* See notes to Table 15.

TABLE 17 (continued).—ENGLAND.—Annual Death-rates, from various Causes, to a Million Persons living, in Groups of Years, 1858-85.

CAUSE OF DEATH.	3 Years 1858-60.	5 Years 1861-65.	5 Years 1866-70.	5 Years 1871-75.	5 Years 1876-80.	5 Years 1881-85.
Premature Birth - - - - -	378.7	392.0	406.0	446.8	472.8	472.8
Atelectasia* - - - - -	?	?	?	?	?	23.4
Congenital Malformations - - - - -	57.7	61.6	64.8	65.6	84.4	84.0
Old Age - - - - -	1422.0	1352.8	1275.8	1206.8	1072.2	1008.6
Convulsions - - - - -	1296.7	1258.0	1204.0	1111.2	971.4	848.8
Diseases of Nervous System - - - - -	1484.0	1546.0	1605.2	1716.0	1803.6	1797.6
Diseases of Organs of Special Sense - - - - -	7.0	8.0	8.6	7.6	13.4	19.6
Diseases of Circulatory System - - - - -	900.3	996.6	1095.8	1256.8	1415.2	1459.6
Croup - - - - -	274.7	287.6	208.0	184.2	154.2	162.4
Diseases of Respiratory System - - - - -	3265.1	3320.6	3394.2	3685.4	3796.2	3530.8
Dentition - - - - -	197.0	201.0	191.4	187.8	179.0	176.2
Diseases of Liver, Ascites - - - - -	394.0	416.0	417.6	427.8	423.6	370.0
Other Diseases of Digestive System - - - - -	628.0	603.0	566.0	558.6	571.8	565.6
Diseases of Lymphatic System* - - - - -	?	?	?	?	?	7.0
Diseases of Spleen - - - - -	3.0	3.8	4.0	3.8	5.0	4.6
Diseases of other Ductless Glands*- - - - -	1.0	1.8	3.8	4.4	7.6	8.8
Diseases of Urinary System - - - - -	217.7	246.2	286.8	326.4	374.6	420.0
Diseases of Organs of Generation - - - - -	60.7	62.0	62.8	59.6	58.6	60.0
Diseases of Parturition - - - - -	110.3	113.4	106.0	107.6	79.6	72.4
Diseases of Organs of Locomotion - - - - -	89.3	106.4	98.2	101.6	107.8	93.4
Diseases of Integumentary System - - - - -	78.3	74.2	65.8	66.0	74.8	64.2
Accident and Negligence - - - - -	653.0	689.6	677.8	670.6	630.4	576.6
Homicide - - - - -	18.0	19.4	19.0	16.6	14.0	12.6
Suicide - - - - -	65.3	65.2	66.4	66.0	73.6	73.8
Execution - - - - -	0.3	0.8	0.4	0.4	1.0	0.4
Ill defined and not specified Causes - - - - -	2288.3	227.6	2117.6	1830.0	1289.2	1131.6

* See notes to Table 15.

TABLE 18.—ENGLAND.—Annual Death-rates from the Principal Zymotic Diseases, and Infant Mortality, 1838-86.

PERIOD.	ANNUAL MORTALITY TO 1000 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.)	0.58	0.54	0.80		0.51	1.05			0.25	0.04	152
1847-50 (4 years.)	0.29	0.41	0.89		0.48	1.25			0.90	0.81	154
1851-60	0.22	0.41	0.99		0.51	0.91			0.92	0.17	154
1861-70	0.16	0.44	0.97	0.19	0.53	0.89			0.97	0.11	154
1871-80	0.25	0.38	0.72	0.12	0.51	0.06	0.33	0.11	0.92	0.03	149
1833	1.06	0.43	0.88		0.60	1.23			0.20	0.02	159
1839	0.59	0.70	0.67		0.53	1.01			0.20	0.03	152
1840	0.68	0.59	1.23		0.39	1.09			0.26	0.04	154
1841	0.40	0.43	0.89		0.51	0.93			0.24	0.03	145
1842	0.17	0.54	0.79		0.50	1.00			0.37	0.10	152
1843	—	—	—		—	—			—	—	150
1844	—	—	—		—	—			—	—	148
1845	—	—	—		—	—			—	—	143
1846	—	—	—		—	—			—	—	164
1847	0.25	0.51	0.86		0.54	1.81			0.87	0.05	164
1848	0.40	0.40	1.18		0.40	1.27			0.79	0.11	154
1849	0.26	0.31	0.75		0.55	1.04			1.19	3.03	160
1850	0.26	0.40	0.75		0.44	0.87			0.76	0.05	146
1851	0.39	0.52	0.76		0.44	1.60			0.94	0.06	154
1852	0.40	0.32	1.04		0.44	1.02			1.12	0.08	158
1853	0.17	0.27	0.85		0.61	1.01			0.87	0.24	160
1854	0.15	0.50	1.00		0.52	1.01			1.18	1.08	157
1855	0.13	0.39	0.90	0.02	0.54	0.87			0.75	0.04	154
1856	0.12	0.37	0.71	0.03	0.48	0.85			0.80	0.04	144
1857	0.20	0.31	0.66	0.08	0.53	0.99			1.19	0.06	156
1858	0.33	0.48	1.22	0.34	0.60	0.92			0.79	0.03	158
1859	0.19	0.48	0.98	0.52	0.46	0.81			1.00	0.05	153
1860	0.14	0.48	0.49	0.26	0.43	0.65			0.55	0.02	148
1861	0.06	0.45	0.45	0.22	0.61	0.77			1.00	0.04	153
1862	0.08	0.48	0.73	0.24	0.60	0.92			0.60	0.03	142
1863	0.29	0.55	1.48	0.32	0.55	0.87			0.78	0.04	149
1864	0.37	0.40	1.42	0.26	0.41	0.96			0.83	0.04	153
1865	0.30	0.40	0.84	0.20	0.41	1.09			1.16	0.06	160
1866	0.14	0.51	0.55	0.14	0.74	0.99			0.85	0.67	160
1867	0.11	0.30	0.57	0.12	0.55	0.78			0.96	0.04	153
1868	0.09	0.53	1.00	0.14	0.42	0.90			1.41	0.07	155
1869	0.07	0.46	1.24	0.12	0.49	0.19	0.39	0.24	0.93	0.03	156
1870	0.11	0.34	1.45	0.12	0.53	0.15	0.39	0.23	1.16	0.05	160
1871	1.01	0.41	0.81	0.11	0.45	0.12	0.37	0.19	1.09	0.04	158
1872	0.82	0.37	0.52	0.09	0.60	0.08	0.38	0.15	1.00	0.03	150
1873	0.10	0.32	0.56	0.11	0.41	0.07	0.33	0.13	0.96	0.03	149
1874	0.09	0.52	1.05	0.15	0.44	0.07	0.37	0.18	0.92	0.03	151
1875	0.04	0.26	0.85	0.14	0.59	0.06	0.37	0.11	1.03	0.02	158
1876	0.10	0.41	0.69	0.13	0.43	0.05	0.31	0.08	0.92	0.02	146
1877	0.17	0.37	0.59	0.11	0.46	0.05	0.28	0.08	0.62	0.01	136
1878	0.07	0.31	0.75	0.14	0.71	0.04	0.31	0.07	1.00	0.03	152
1879	0.02	0.36	0.69	0.12	0.50	0.02	0.23	0.06	0.45	0.01	135
1880	0.03	0.48	0.68	0.11	0.53	0.02	0.26	0.06	1.17	0.03	153
1881	0.12	0.28	0.55	0.12	0.42	0.02	0.21	0.04	0.56	0.01	130
1882	0.05	0.48	0.52	0.15	0.58	0.04	0.23	0.04	0.65	0.01	141
1883	0.04	0.35	0.47	0.16	0.39	0.03	0.23	0.04	0.60	0.01	137
1884	0.03	0.42	0.40	0.19	0.42	0.01	0.24	0.03	0.97	0.03	147
1885	0.10	0.53	0.23	0.16	0.48	0.01	0.17	0.02	0.49	0.01	138
1886	0.01	0.43	0.21	0.15	0.46	0.01	0.18	0.02	0.89	0.02	149

TABLE 19.—LONDON.—Annual Death-rates from the Principal Zymotic Diseases, and Infant Mortality, 1838-86.

PERIOD.	ANNUAL MORTALITY TO 1000 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.)	1.06	0.69	1.10		0.80	1.34			0.27	0.02	—
1841-50	0.40	0.62	0.86		0.87	0.98			0.78	0.68	157
1851-60	0.28	0.53	1.02		0.88	0.89			1.03	0.52	155
1861-70	0.28	0.58	1.13	0.18	0.88	0.91			1.04	0.24	162
1871-80	0.46	0.51	0.60	0.12	0.82	0.05	0.24	0.08	0.95	0.04	158
1838	2.16	0.33	0.86		1.18	2.31			0.28	0.01	—
1839	0.35	1.13	1.39		0.64	1.01			0.25	0.02	—
1840	0.67	0.62	1.06		0.58	0.69			0.28	0.03	—
1841	0.56	0.52	0.35		1.21	0.61			0.29	0.01	160
1842	0.19	0.67	0.64		0.84	0.62			0.45	0.06	157
1843	0.22	0.74	0.96		0.98	1.07			0.51	0.04	163
1844	0.89	0.58	1.49		0.64	0.84			0.41	0.03	152
1845	0.44	1.12	0.52		0.88	0.64			0.45	0.02	149
1846	0.12	0.35	0.44		0.96	0.87			1.09	0.11	157
1847	0.43	0.81	0.65		0.73	1.50			1.04	0.05	166
1848	0.72	0.51	2.12		0.73	1.64			1.00	0.29	158
1849	0.23	0.50	0.94		1.03	1.12			1.68	6.18	169
1850	0.21	0.42	0.50		0.67	0.87			0.89	0.05	140
1851	0.45	0.55	0.54		0.92	1.00			1.16	0.09	154
1852	0.48	0.25	1.06		0.65	0.90			1.04	0.07	151
1853	0.09	0.40	0.82		1.08	1.06			1.08	0.36	158
1854	0.28	0.56	1.39		1.00	1.12			1.33	4.29	164
1855	0.41	0.34	1.02		0.96	0.97			0.86	0.06	152
1856	0.20	0.57	0.70		0.81	1.05			0.93	0.06	150
1857	0.06	0.51	0.61		0.96	0.83			1.25	0.08	156
1858	0.09	0.88	1.56		1.01	0.72			0.83	0.05	160
1859	0.42	0.49	1.28	0.23	0.64	0.68			1.29	0.07	150
1860	0.32	0.75	0.73	0.17	0.75	0.53			0.54	0.02	153
1861	0.08	0.38	0.85	0.24	1.26	0.66			0.97	0.06	155
1862	0.13	0.82	1.22	0.26	0.76	1.28			0.64	0.04	143
1863	0.69	0.66	1.70	0.28	0.74	0.99			0.86	0.05	151
1864	0.19	0.95	1.10	0.21	0.82	1.28			1.02	0.07	169
1865	0.21	0.43	0.73	0.14	0.98	1.07			1.24	0.07	171
1866	0.46	0.73	0.62	0.15	0.97	0.88			1.08	1.84	172
1867	0.44	0.37	0.47	0.14	0.74	0.71			0.99	0.08	159
1868	0.19	0.63	0.93	0.16	0.75	0.79			1.31	0.10	163
1869	0.09	0.46	1.84	0.11	1.19	0.23	0.34	0.19	1.10	0.07	170
1870	0.30	0.45	1.87	0.10	0.61	0.15	0.30	0.18	1.18	0.07	164
1871	2.42	0.44	0.58	0.11	0.70	0.12	0.27	0.13	1.21	0.07	171
1872	0.54	0.51	0.28	0.08	0.98	0.05	0.24	0.10	1.08	0.05	153
1873	0.03	0.64	0.19	0.09	0.78	0.08	0.27	0.10	1.17	0.05	160
1874	0.02	0.49	0.77	0.12	0.54	0.09	0.26	0.10	0.93	0.04	156
1875	0.01	0.40	1.06	0.17	0.92	0.04	0.23	0.08	0.94	0.03	162
1876	0.21	0.49	0.65	0.11	0.77	0.04	0.22	0.06	1.01	0.04	157
1877	0.71	0.66	0.44	0.09	0.51	0.04	0.25	0.05	0.67	0.02	146
1878	0.39	0.41	0.49	0.15	1.23	0.04	0.28	0.05	0.97	0.03	164
1879	0.12	0.67	0.72	0.15	0.79	0.02	0.23	0.04	0.51	0.01	148
1880	0.12	0.40	0.82	0.14	0.93	0.02	0.19	0.04	0.99	0.04	158
1881	0.62	0.66	0.55	0.17	0.51	0.02	0.25	0.03	0.80	0.02	148
1882	0.11	0.60	0.52	0.2							

TABLE 20.—ENGLAND.—Death-rates from several Causes in Registration Counties, 1886.

REGISTRATION COUNTY.	Estimated Population in the middle of 1886.*	ANNUAL 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	27,870,586	19278	10	431	215	147	464	9	182	22	888	19	583	297	1718	429	2656	1625	3726	1140	445	57	75	65	626	3449
I.—LONDON	4,149,533	19893	1	503	166	105	692	3	149	18	963	33	648	382	2026	523	2300	1504	4339	1127	515	74	70	50	689	2963
II.—SOUTH EASTERN.																										
Surrey (extra-metropolitan)	519,333	15978	8	310	62	262	518	-	65	12	595	15	601	196	1586	331	2454	1542	2701	959	493	40	64	42	502	2620
Kent (extra-metropolitan)	752,014	17760	45	173	27	242	430	3	195	19	790	41	605	291	1560	390	2493	1749	2833	1137	468	55	64	61	626	3442
Sussex	536,120	16073	32	244	65	166	571	2	151	15	664	2	690	168	1789	373	1925	1615	2665	976	43	54	48	67	459	2849
Hampshire	602,172	19254	20	543	98	284	472	3	304	46	674	12	614	266	1951	354	2321	1855	3464	1083	450	70	68	51	556	3495
Berkshire	260,073	16953	31	93	88	138	385	-	108	15	523	-	627	185	1423	381	2307	1930	3061	1004	481	54	88	50	511	3517
III.—SOUTH MIDLAND.																										
Middlesex (extra-metropolitan)	459,493	17778	20	294	67	322	694	2	176	7	1058	20	590	303	1456	509	2383	1378	3367	1147	374	50	61	46	540	2914
Hertfordshire	205,988	18176	5	408	126	340	369	5	136	10	757	24	733	189	1432	330	2635	1888	3194	908	476	63	39	49	597	3433
Buckinghamshire	155,883	18501	13	404	90	263	642	6	103	6	712	-	654	244	1174	303	2329	1809	3297	1058	455	58	51	71	642	4112
Oxfordshire	182,205	18188	27	187	60	15	340	-	132	22	483	11	554	143	1454	472	2669	1926	3052	1125	648	27	66	66	510	4199
Northamptonshire	292,688	18306	7	636	226	103	513	7	226	21	721	3	608	205	1874	42	2372	1715	3284	1063	427	44	92	62	578	3537
Huntingdonshire	50,717	19323	-	749	177	237	375	-	217	79	592	39	1222	158	1577	315	2228	1637	3096	1025	35	39	118	39	473	4616
Bedfordshire	155,257	18904	-	264	271	103	374	6	84	19	344	6	702	187	1610	438	2628	1630	3124	1121	593	52	45	84	470	4249
Cambridgeshire	190,573	19525	10	289	84	278	645	5	168	16	640	47	866	257	1842	546	2230	1879	3154	1202	514	58	37	58	687	4013
IV.—EASTERN.																										
Essex	619,841	18976	15	261	108	255	802	2	186	13	978	31	645	334	1710	424	2607	1608	3449	1081	419	43	50	55	563	3337
Suffolk	355,907	18730	14	166	56	129	646	6	104	17	711	8	708	242	1745	455	2203	1717	3037	1023	416	41	53	87	638	4557
Norfolk	440,221	19383	-	111	136	109	277	5	202	11	1090	9	850	154	1467	325	2653	1735	2794	1079	479	75	73	61	552	5086
V.—SOUTH WESTERN.																										
Wiltshire	249,288	17478	-	92	64	136	205	4	100	12	285	4	593	213	1488	261	2676	2415	3321	1003	481	96	76	56	481	3411
Dorsetshire	182,374	17585	27	93	38	269	406	-	164	11	329	-	649	93	1552	285	2572	2204	3361	1079	539	110	55	110	450	3189
Devonshire	607,885	19729	5	684	137	155	301	8	222	16	495	7	788	222	1757	423	2818	2053	3599	1168	462	64	69	64	525	3687
Cornwall	309,865	22145	-	804	126	239	778	6	148	65	568	13	681	229	1810	484	2921	1749	3837	1159	471	29	81	81	633	5233
Somersetshire	493,505	18030	6	71	136	132	365	2	85	12	428	10	703	134	1416	320	2602	2152	3250	1112	551	41	61	61	624	3756

* The Populations of the counties have been estimated to the middle of 1886 from the numbers enumerated at the Censuses in 1871 and 1881.

TABLE 20 (continued).—ENGLAND.—Death-rates from several Causes in Registration Counties, 1886.

REGISTRATION COUNTY.	Estimated Population in the middle of 1886.*	ANNUAL 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	543,727	18371	27	182	256	119	421	-	124	11	484	2	703	221	1436	333	2547	1968	3555	1122	568	63	66	53	653	3457
Herefordshire	115,852	18765	-	190	35	9	630	-	60	-	397	-	630	164	1191	276	2987	2322	3479	1027	397	78	26	43	587	4237
Shropshire	265,137	17998	4	328	64	83	517	4	192	8	445	-	641	166	1448	268	2512	1890	3519	1101	441	41	106	72	596	3552
Staffordshire	1,079,151	19072	4	805	75	71	313	4	146	20	1107	8	468	388	1322	310	2691	1351	3740	1030	335	41	83	71	623	4016
Worcestershire	409,042	17135	2	609	117	132	266	-	149	24	709	22	545	362	1222	342	2278	1714	3017	1002	416	51	64	78	487	3527
Warwickshire	787,035	19086	1	809	114	142	262	-	133	19	1290	9	605	222	1539	351	2183	1623	3811	1013	436	69	72	52	780	3536
VII.—NORTH MIDLAND.																										
Leicestershire	356,292	19243	-	415	261	73	188	-	143	8	1423	8	651	278	1294	488	2655	1643	3416	1075	418	51	84	61	620	3985
Rutlandshire	22,942	16346	-	523	44	44	-	44	-	6	805	-	654	-	1002	305	2659	1308	2354	1177	479	87	44	87	567	4663
Lincolnshire	481,193	17461	2	141	135	170	260	2	162	6	829	15	603	222	1400	351	2749	1598	2803	1135	524	60	46	58	544	3637
Nottinghamshire	488,456	19500	4	534	72	119	401	4	246	8	1103	12	567	481	1511	414	2596	1570	3437	1236	332	76	88	92	624	3973
Derbyshire	422,210	17823	-	277	220	90	341	2	208	26	727	14	471	270	1431	391	2707	1644	3266	1182	355	52	66	85	545	3453
VIII.—NORTH WESTERN.																										
Cheshire	668,764	18741	15	289	196	141	333	16	156	12	860	12	552	251	1579	435	2801	1711	3391	1293	413	51	73	93	598	3470
Lancashire	3,864,111	21869	11	641	379	132	448	25	221	28	1205	35	457	373	1932	484	3000	1506	4832	1363	428	55	88	67	663	3493
IX.—YORKSHIRE.																										
West Riding	2,396,564	19068	3	434	409	66	309	12	205	31	952	20	492	270	1769	426	2945	1538	3746	1181	383	55	76	68	561	3167
East Riding (with York)	394,502	18707	3	279	170	33	312	-	221	18	1257	8	616	236	1597	401	2961	1688	3179	991	370	71	63	61	634	3538
North Riding	383,283	16954	14	85	358	50	262	3	228	33	685	11	584	402	1519	363	2535	1459	2967	911	449	55	52	85	531	3280
X.—NORTHERN.																										
Durham	986,434	18265	54	195	448	57	410	41	180	30	1124	12	401	411	1545	518	2750	1338	3119	1123	305	35	97	79	574	3419
Northumberland	459,974	19760	-	2																						

TABLE 21.—ENGLAND.—Death-rates* of Persons, Males, and Females, from various Causes, 1886.

CAUSE OF DEATH.	Deaths to 1,000,000 living.			CAUSE OF DEATH.	Deaths to 1,000,000 living.			CAUSE OF DEATH.	Deaths to 1,000,000 living.		
	Persons.	Males.	Females.		Persons.	Males.	Females.		Persons.	Males.	Females.
ALL CAUSES - - -	19278	20311	18270	Inflammation of Brain or its Membranes - - -	334	366	303	Acute Nephritis - - -	43	48	38
Small-pox - - -	10	14	6	Apoplexy - - -	577	561	592	Bright's Disease - - -	245	273	219
Chicken-pox - - -	3	4	3	Softening of Brain - - -	125	146	105	Uræmia - - -	18	19	17
Measles - - -	431	449	414	Hemiplegia, Brain Paralysis - - -	338	319	357	Suppression of Urine - - -	6	7	4
Epidemic Rose Rash - - -	4	4	3	Paralysis Agitans - - -	7	7	6	Calculus - - -	9	16	3
Scarlet Fever - - -	215	221	209	Insanity, General Paralysis of Insane - - -	85	106	65	Hæmaturia - - -	5	8	3
Typhus - - -	9	10	7	Chorea - - -	4	2	5	Diseases of Bladder and of Prostate - - -	76	137	18
Relapsing Fever - - -	0	0	0	Epilepsy - - -	114	123	105	Other Diseases of Urinary System - - -	43	55	31
Influenza - - -	3	3	3	Convulsions - - -	821	951	698	Ovarian Disease - - -	21	-	41
Whooping-cough - - -	464	435	492	Laryngismus Stridulus - - -	25	33	18	Diseases of Uterus and Vagina - - -	24	-	48
Mumps - - -	3	3	2	Idiopathic Tetanus - - -	2	3	1	Disorders of Menstruation - - -	2	-	4
Diphtheria - - -	147	141	152	Paraplegia, Diseases of Spinal Cord - - -	69	79	60	Pelvic Abscess - - -	6	-	11
Cerebro-spinal Fever - - -	1	2	1	Other Diseases of Nervous System - - -	155	175	136	Perineal Abscess - - -	1	2	0
Simple and Ill-defined Fever - - -	22	21	23	Otitis, Otorrhœa - - -	15	13	14	Diseases of Testes, Penis, Scrotum, &c. - - -	3	5	-
Enteric Fever - - -	182	197	167	Epistaxis and Diseases of Nose - - -	3	3	3	Abortion, Miscarriage - - -	4	-	7
Other Miasmatic Diseases - - -	0	0	-	Ophthalmia and Diseases of Eye - - -	3	3	2	Puerperal Mania - - -	3	-	5
Cholera - - -	19	21	17	Endocarditis, Valvular Dis. - - -	254	245	263	Puerperal Convulsions - - -	12	-	23
Diarrhœa, Dysentery - - -	888	954	826	Pericarditis - - -	17	18	16	Placenta Prævia, Flooding - - -	28	-	54
Remittent Fever - - -	5	5	4	Hypertrophy of Heart - - -	12	14	10	Phlegmasia Dolens - - -	3	-	6
Ague - - -	3	4	2	Angina Pectoris - - -	21	23	14	Other Accidents of Child-birth - - -	15	-	30
Hydrophobia - - -	1	2	0	Syncope - - -	56	55	57	Caries, Necrosis - - -	41	51	32
Glanders - - -	0	0	0	Aneurism - - -	31	50	14	Arthritis, Ostitis, Periostitis - - -	8	9	7
Splenic Fever - - -	0	1	0	Senile Gangrene - - -	53	60	50	Other Diseases of Organs of Locomotion - - -	42	46	38
Cow-pox and other Effects of Vaccination - - -	2	1	2	Embolism, Thrombosis - - -	31	24	38	Carbuncle - - -	6	9	3
Syphilis - - -	80	86	74	Phlebitis - - -	4	4	5	Phlegmon, Cellulitis - - -	10	12	8
Gonorrhœa, Stricture of Urethra - - -	11	22	0	Varicose Veins - - -	3	3	3	Lupus - - -	3	1	4
Phagedæna - - -	2	2	2	Other Diseases of Circulatory System - - -	1143	1088	1196	Ulcer, Bedsore - - -	21	15	27
Erysipelas - - -	55	59	50	Laryngitis - - -	52	55	48	Eczema - - -	15	17	13
Pyæmia, Septicæmia - - -	13	15	12	Croup - - -	132	148	117	Pemphigus - - -	3	4	2
Puerperal Fever - - -	75	-	145	Other Diseases of Larynx and Trachea - - -	6	8	5	Other Diseases of Integumentary System - - -	8	7	8
Thrush - - -	29	31	27	Empysemata, Asthma - - -	87	106	70	Fractures and Contusions - - -	235	379	98
Other Dis. from Vegetable parasites - - -	0	0	0	Bronchitis - - -	2203	2247	2164	Gunshot Wounds - - -	4	6	1
Hydatid Disease - - -	2	2	2	Pneumonia - - -	1008	1187	889	Cut, Stab - - -	5	9	2
Other Dis. from Animal parasites - - -	4	4	5	Pleurisy - - -	53	64	42	Burn, Scald - - -	72	75	69
Starvation, Want of Breast Milk - - -	9	10	8	Other Diseases of Respiratory System - - -	185	208	163	Poison - - -	12	16	8
Scurvy - - -	1	1	0	Stomatitis - - -	19	20	18	Drowning - - -	101	177	29
Intem- Chron. Alcoholism - - -	37	43	32	Dentition - - -	176	199	154	Suffocation - - -	66	77	54
perance } Delirium Tremens - - -	12	22	3	Sore Throat, Quinsy - - -	22	23	20	Otherwise - - -	39	58	22
Rheumatic Fever, Rheumatism of Heart - - -	91	95	87	Dyspepsia - - -	19	19	19	Murder, Manslaughter - - -	11	13	9
Rheumatism - - -	31	28	34	Hæmatemesis - - -	12	13	11	Gunshot Wounds - - -	6	12	0
Gout - - -	19	31	7	Melæna - - -	7	8	5	Cut, Stab - - -	14	24	5
Rickets - - -	28	34	23	Diseases of Stomach - - -	123	115	131	Poison - - -	10	12	8
Cancer - - -	583	424	733	Enteritis - - -	142	149	135	Drowning - - -	18	23	14
Tabes Mesenterica - - -	297	326	269	Ulceration of Intestine - - -	20	21	20	Hanging - - -	25	43	9
Tubercular Meningitis (Acute Hydrocephalus) - - -	254	291	218	Ileus, Obstruction of Intestine - - -	69	69	68	Otherwise - - -	7	11	3
Phthisis - - -	1718	1846	1596	Stricture or Strangulation of Intestine - - -	8	8	8	Execution - - -	1	1	0
Other Forms of Tuberculosis, Scrofula - - -	175	192	158	Intussusception of Intestine - - -	17	19	15	Dropsy - - -	12	10	14
Purpura, Hæmorrhagic Diathesis - - -	12	14	10	Hernia - - -	43	45	42	Debility, Atrophy, Inanition - - -	863	967	771
Anæmia, Chlorosis, Leucocythæmia - - -	45	34	57	Fistula - - -	4	6	3	Mortification - - -	2	2	2
Diabetes Mellitus - - -	59	72	46	Peritonitis - - -	84	80	88	Tumour - - -	13	9	17
Other Constitutional Dis. - - -	18	15	20	Ascites - - -	12	8	16	Abscess - - -	23	24	22
Premature Birth - - -	489	561	421	Gallstones - - -	8	5	10	Hæmorrhage - - -	5	6	4
Atelectasis - - -	24	29	19	Cirrhosis of Liver - - -	126	146	107	Sudden (Cause unascertained) - - -	16	19	12
Cyanosis - - -	37	45	30	Other Diseases of Liver - - -	209	208	210	Other Ill-defined and not specified Causes - - -	113	131	96
Spina Bifida - - -	22	22	22	Other Diseases of Digestive System - - -	20	21	20				
Imperforate Anus - - -	7	10	4	Diseases of Lymphatic System - - -	8	11	5				
Cleft Palate, Harelip - - -	7	8	6	Diseases of Spleen - - -	5	5	4				
Other Congenital Defects - - -	11	12	10	Bronchocele - - -	4	2	7				
Old Age - - -	1021	906	1129	Addison's Disease - - -	6	7	5				

* See note to Table 6.

TABLE 22.—ENGLAND.—Deaths from various Causes, to a Million Deaths from All Causes, 1886.

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 - - -	17326	Acute Nephritis - - -	2230
Small-pox - - -	512	Apoplexy - - -	29938	Bright's Disease - - -	12729
Chicken-pox - - -	173	Softening of Brain - - -	6462	Uræmia - - -	931
Measles - - -	22359	Hemiplegia, Brain Paralysis - - -	17559	Suppression of Urine - - -	298
Epidemic Rose Rash - - -	182	Calculus - - -	389	Hæmaturia - - -	484
Scarlet Fever - - -	11141	Paralysis Agitans - - -	4106	Diseases of Bladder and of Prostate - - -	3922
Typhus - - -	456	Insanity, General Paralysis of Insane - - -	194	Other Diseases of Urinary System - - -	2215
Relapsing Fever - - -	13	Chorea - - -	5889	Ovarian Disease - - -	1096
Influenza - - -	154	Epilepsy - - -	42572	Diseases of Uterus and Vagina - - -	12.6
Whooping-cough - - -	24077	Convulsions - - -	1320	Disorders of Menstruation - - -	117
Mumps - - -	136	Laryngismus Stridulus - - -	95	Pelvic Abscess - - -	294
Diphtheria - - -	7627	Idiopathic Tetanus - - -	3577	Perineal Abscess - - -	43
Cerebro-spinal Fever - - -	74	Paraplegia, Diseases of Spinal Cord - - -	8037	Diseases of Testes, Penis, Scrotum, &c. - - -	136
Simple and Ill-defined Fever - - -	1126	Other Diseases of Nervous System - - -	2	Abortion, Miscarriage - - -	199
Enteric Fever - - -	9420	Cholera - - -	998	Puerperal Mania - - -	132
Other Miasmatic Diseases - - -	2	Diarrhœa, Dysentery - - -	46062	Puerperal Convulsions - - -	624
Remittent Fever - - -	236	Otitis, Otorrhœa - - -	761	Placenta Prævia, Flooding - - -	1441
Ague - - -	164	Epistaxis and Diseases of Nose - - -	166	Phlegmasia Dolens - - -	153
Hydrophobia - - -	48	Ophthalmia and Diseases of Eye - - -	130	Other Accidents of Childbirth - - -	800
Glanders - - -	20	Endocarditis, Valvular Disease - - -	13192	Caries, Necrosis - - -	2124
Cow-pox and other Effects of Vaccination - - -	84	Pericarditis - - -	886	Arthritis, Ostitis, Periostitis - - -	417
Syphilis - - -	4152	Hypertrophy of Heart - - -	631	Other Diseases of Organs of Locomotion - - -	2174
Gonorrhœa, Stricture of Urethra - - -	547	Angina Pectoris - - -	1070	Carbuncle - - -	305
Phagedæna - - -	86	Syncope - - -	2909	Phlegmon, Cellulitis - - -	495
Erysipelas - - -	2835	Aneurism - - -	1627	Lupus - - -	186
Pyæmia, Septicæmia - - -	698	Senile Gangrene - - -	2743	Ulcer, Bedsore - - -	1100
Puerperal Fever - - -	3868	Embolism, Thrombosis - - -	1623	Eczema - - -	763
Laryngitis - - -	2680	Phlebitis - - -	223	Pemphigus - - -	166
Croup - - -	6859	Varicose Veins - - -	156	Other Diseases of Integumentary System - - -	400
Other Diseases of Larynx and Trachea - - -	324	Other Diseases of Circulatory System - - -	58310	Fractures and Contusions - - -	12174
Empysemata, Asthma - - -	4530	Laryngitis - - -	2680	Gunshot Wounds - - -	184
Bronchitis - - -	114352	Croup - - -	6859	Cut, Stab - - -	279
Other Diseases from Animal parasites - - -	216	Other Diseases of Larynx and Trachea - - -	324	Burn, Scald - - -	3737
Starvation, Want of Breast-milk - - -	460	Empysemata, Asthma - - -	4530	Poison - - -	612
Scurvy - - -	32	Bronchitis - - -	114352	Drowning - - -	5221
Intem- Chron. Alcoholism - - -	1945	Pneumonia - - -	52297	Suffocation - - -	3406
perance } Delirium Tremens - - -	646	Pleurisy - - -	2730	Otherwise - - -	2044
Rheumatic Fever, Rheumatism of Heart - - -	4709	Other Diseases of Respiratory System - - -	9597	Murder, Manslaughter - - -	579
Rheumatism - - -	1614	Stomatitis - - -	996	Gunshot Wounds - - -	307
Gout - - -	975	Dentition - - -	9118	Cut, Stab - - -	735
Rickets - - -	1467	Sore Throat, Quinsy - - -	1124	Poison - - -	521
Cancer - - -	30232	Dyspepsia - - -	968	Drowning - - -	957
Tabes Mesenterica - - -	15383	Hæmatemesis - - -	614	Hanging - - -	1320
Tubercular Meningitis (Acute Hydrocephalus) - - -	13165	Melæna - - -	342	Otherwise - - -	355
Phthisis - - -	89101	Gout - - -	6397	Execution - - -	35
Other Forms of Tuberculosis, Scrofula - - -	9057	Diseases of Stomach - - -	7350	Gunshot Wounds - - -	307
Purpura, Hæmorrhagic Diathesis - - -	607	Enteritis - - -	1061	Cut, Stab - - -	735
Anæmia, Chlorosis, Leucocythæmia - - -	2358	Ulceration of Intestine - - -	3559	Poison - - -	521
Diabetes Mellitus - - -	3041	Ileus, Obstruction of Intestine - - -	436	Drowning - - -	957
Other Constitutional Diseases - - -	923	Stricture or Strangulation of Intestine - - -	362	Hanging - - -	1320
Premature Birth - - -	25391	Intussusception of Intestine - - -	2247	Otherwise - - -	355
Atelectasis - - -	1241	Hernia - - -	229	Execution - - -	35
Cyanosis - - -	1930	Fistula - - -	4342	Dropsy - - -	625
Spina Bifida - - -	1130	Peritonitis - - -	605	Debility, Atrophy, Inanition - - -	44942
Imperforate Anus - - -	344	Ascites - - -	391	Mortification - - -	127
Cleft Palate, Harelip - - -	372	Gallstones - - -	6524	Tumour - - -	668
Other Congenital Defects - - -	584	Cirrhosis of Liver - - -	10838	Abscess - - -	1201
Old Age - - -	52954	Other Diseases of Liver - - -	10838	Hæmorrhage - - -	268
		Other Diseases of Digestive System - - -	1061	Sudden (Cause unascertained) - - -	815
		Diseases of Lymphatic System - - -	408	Other ill-defined and not specified Causes - - -	5857
		Diseases of Spleen - - -	244		
		Bronchocele - - -	229		
		Addison's Disease - - -	311		

TABLE 23.—ENGLAND.—Death-rates from Measles, Scarlet Fever, Fever, Whooping-cough, and Puerperal Fever and Childbirth, in Registration Counties, in 1871-80,* and 1886.

REGISTRATION COUNTY.	TO A MILLION PERSONS LIVING.								TO 1000 BIRTHS.	
	Measles.		Scarlet Fever.		Fever (Typhus, Enteric, Simple and Ill-defined).		Whooping-cough.		Puerperal Fever, and Accidents of Childbirth.	
	Ten Years 1871-80.	1886.	Ten Years 1871-80.	1886.	Ten Years 1871-80.	1886.	Ten Years 1871-80.	1886.	Ten Years 1871-80.	1886.
ENGLAND - - -	378	431	713	215	485	213	512	464	4.72	4.29
I.—LONDON - - -	508	503	601	166	363	170	813	692	4.26	3.68
II.—SOUTH EASTERN.										
Surrey (extra-metrop.) -	256	310	272	62	282	77	402	518	4.62	3.69
Kent (extra-metrop.) -	233	173	340	27	349	217	403	430	3.96	3.61
Sussex - - - - -	175	244	234	65	270	168	342	571	3.96	4.23
Hampshire - - - -	279	543	370	98	435	353	341	472	4.44	3.81
Berkshire - - - -	238	96	321	88	301	123	373	385	4.37	4.62
III.—SOUTH MIDLAND.										
Middlesex (extra-metrop.)	322	294	330	67	306	185	468	694	3.96	3.04
Hertfordshire - - -	258	408	305	126	362	151	418	369	4.55	2.88
Buckinghamshire - -	266	404	348	90	383	115	443	642	4.52	3.77
Oxfordshire - - - -	204	187	381	60	359	154	281	340	4.90	4.27
Northamptonshire - -	331	636	405	226	471	254	396	513	4.25	4.79
Huntingdonshire - -	188	749	437	177	428	296	322	375	3.97	5.31
Bedfordshire - - - -	232	264	483	271	368	109	453	374	4.39	3.88
Cambridgeshire - - -	212	289	253	84	371	189	417	645	4.06	3.14
IV.—EASTERN.										
Essex - - - - -	223	261	424	108	339	201	489	802	3.95	2.85
Suffolk - - - - -	143	166	327	56	330	127	406	646	4.03	2.79
Norfolk - - - - -	145	111	462	136	377	213	378	277	4.81	4.22
V.—SOUTH WESTERN.										
Wiltshire - - - - -	212	92	463	64	321	116	266	205	4.93	4.50
Dorsetshire - - - -	186	83	329	38	276	175	287	406	4.27	5.52
Devonshire - - - - -	503	684	343	137	449	246	442	301	4.34	4.62
Cornwall - - - - -	229	804	585	126	495	219	507	778	4.19	5.23
Somersetshire - - - -	263	71	472	136	389	99	361	365	4.81	4.03
VI.—WEST MIDLAND.										
Gloucestershire - - -	334	182	489	256	363	135	379	421	4.50	4.03
Herefordshire - - - -	162	190	355	35	313	60	261	630	5.16	2.53
Shropshire - - - - -	186	328	518	64	356	204	272	517	5.24	6.15
Staffordshire - - - -	402	805	1014	75	521	170	433	313	4.55	4.29
Worcestershire - - - -	263	609	706	117	361	173	326	266	4.49	4.60
Warwickshire - - - -	339	809	859	114	419	157	628	262	3.96	3.85
VII.—NORTH MIDLAND.										
Leicestershire - - - -	391	415	613	261	447	151	405	188	4.33	4.25
Rutlandshire - - - -	160	523	491	44	384	44	332	-	2.63	4.75
Lincolnshire - - - -	178	141	515	135	389	170	331	260	4.13	3.48
Nottinghamshire - - -	370	534	645	72	581	258	375	401	4.18	5.02
Derbyshire - - - - -	298	277	791	220	501	236	369	341	5.02	4.56
VIII.—NORTH WESTERN.										
Cheshire - - - - -	376	289	865	196	451	184	424	333	5.21	5.20
Lancashire - - - - -	607	641	1126	379	670	274	637	448	5.21	4.61
IX.—YORKSHIRE.										
West Riding - - - - -	394	434	1031	409	658	248	522	309	5.17	4.58
East Riding (with York)	266	279	507	170	608	239	445	312	4.18	3.89
North Riding - - - -	249	85	671	338	572	267	370	262	4.59	4.32
X.—NORTHERN.										
Durham - - - - -	409	195	1376	448	858	251	540	410	5.02	4.87
Northumberland - - -	278	202	1145	241	582	250	485	517	5.49	4.55
Cumberland - - - - -	437	239	818	112	506	145	446	250	5.63	4.84
Westmorland - - - - -	193	62	420	31	408	109	241	156	4.22	1.62
XI.—WELSH.										
Monmouthshire - - - -	565	774	692	335	525	282	489	1034	5.63	3.65
South Wales - - - - -	339	665	860	407	648	388	429	662	6.06	6.15
North Wales - - - - -	253	29	697	130	397	167	318	351	6.52	5.83

* The rates in this Table for the 10 years 1871-80 are derived from the figures in the supplement to the Registrar-General's Forty-fifth Annual Report.

TABLE 24.—ENGLAND. Death-rates in Town* and Country Districts, 1851-86.

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 - - - - -	415	21.4	23.1	19.0	122
1881 - - - - -	447	18.9	20.1	16.9	119
1882 - - - - -	454	19.6	20.9	17.3	121
1883 - - - - -	460	19.5	20.5	17.9	115
1884 - - - - -	466	19.5	20.6	17.7	117
1885 - - - - -	473	19.0	19.7	17.8	111
1886 - - - - -	479	19.3	20.0	18.0	111

* 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-eighth Annual Report, page lxxvi. For description of the Districts taken for 1881-86, see Table 25 below.

TABLE 25. ENGLAND. Town and Country Districts.—Annual Death-rates in each Quarter of the Six Years, 1881-86.

Area in Acres.	ESTIMATED POPULATION in the middle of 1886.	Quarter ending	ANNUAL RATE OF MORTALITY per 1000 in each Quarter of the Years						
			1881	1882	1883	1884	1885	1886	
ENGLAND AND WALES -	37,239,351	27,370,536	YEAR -	18.9	19.6	19.5	19.5	19.0	19.3
			March -	21.5	21.5	22.2	19.5	21.8	22.8
			June -	18.6	19.0	20.0	18.9	19.3	18.0
			Sept. -	16.8	17.8	16.8	19.7	16.5	17.6
			Dec. -	18.7	20.0	19.2	19.9	18.5	18.5
TOWN DISTRICTS.	3,688,436	17,716,932	YEAR -	20.1	20.9	20.5	20.6	19.7	20.0
			March -	22.6	22.9	23.0	20.3	22.1	23.3
			June -	19.2	20.0	20.6	19.6	20.0	18.2
			Sept. -	18.3	19.3	18.1	21.5	17.5	19.1
			Dec. -	20.2	21.4	20.5	21.0	19.4	19.4
COUNTRY DISTRICTS.	3,550,915	10,153,654	YEAR -	16.9	17.3	17.9	17.7	17.8	18.0
			March -	19.7	19.2	21.0	18.3	21.3	22.0
			June -	17.5	17.4	19.2	17.7	18.2	17.7
			Sept. -	14.2	15.2	14.6	16.7	14.7	15.6
			Dec. -	16.1	17.6	16.9	18.0	17.1	16.8

TABLE 26.—ENGLAND. Statistics of Prices and of Pauperism, 1853-86.

Year and Quarter.	AVERAGE PRICES.						PAUPERISM.				
	CONSOLS (for Money).	WHEAT per Quarter in England and Wales.	MEAT per lb. at the Metropolitan Meat Market (by the Carcase).				BEST SEABORNE COAL, in the London Market, per Ton.*	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.	
Year.	£	s. d.	d.	d.	d.	s. d.					
1853 - -	97 2/3	52 11	4 - 5 6/8	4 7/8	4 6/8 - 7	5 7/8	20 1	—	—	—	—
1854 - -	91 2/3	72 5	4 1/8 - 6 1/8	5 1/8	4 6/8 - 7	5 7/8	22 8	—	—	—	—
1855 - -	90 2/3	74 8	4 6/8 - 6 5/8	5 5/8	4 6/8 - 6 5/8	5 5/8	20 10	—	—	—	—
1856 - -	93	69 2	4 2/8 - 6 1/8	5 3/8	4 6/8 - 6 5/8	5 5/8	17 10	—	—	—	—
1857 - -	91 2/3	56 5	4 2/8 - 6 1/8	5 3/8	4 6/8 - 7	5 7/8	17 7	44.6	6.3	38.3	165
1858 - -	97	44 3	4 2/8 - 6 1/8	5 3/8	4 6/8 - 6 5/8	5 5/8	17 4	44.7	6.2	38.5	160
1859 - -	95	43 10	4 1/8 - 6 1/8	5 1/8	4 6/8 - 7	5 7/8	17 3	41.5	5.6	35.9	157
1860 - -	94	53 3	4 - 6 1/8	5 3/8	5 - 7 1/8	6 1/8	19 0	40.1	5.6	34.5	161
1861 - -	92	55 4	4 - 6 1/8	5 3/8	5 - 7 1/8	6 1/8	18 5	41.9	6.1	35.8	170
1862 - -	93 1/3	55 5	4 - 6 1/8	5 1/8	5 - 6 5/8	5 5/8	16 6	46.7	6.4	40.3	160
1863 - -	92 2/3	44 8	4 2/8 - 6 1/8	5 2/8	4 6/8 - 7	5 7/8	17 1	48.0	6.3	41.7	151
1864 - -	90 2/3	40 2	4 1/8 - 6 1/8	5 1/8	5 3/8 - 7	6 2/8	19 0	43.8	6.1	37.7	161
1865 - -	89 2/3	41 9	4 1/8 - 7	5 3/8	5 5/8 - 8 2/8	7	19 1	41.9	6.0	35.9	168
1866 - -	87 2/3	49 11	4 6/8 - 7	5 3/8	5 1/8 - 8	6 5/8	19 0	40.5	6.1	34.4	176
1867 - -	93 1/3	64 5	4 6/8 - 6 5/8	5 5/8	5 - 7	6	19 8	42.5	6.4	36.1	178
1868 - -	94	63 9	4 1/8 - 6 5/8	5 5/8	4 6/8 - 6 5/8	5 5/8	17 7	43.6	6.8	36.8	183
1869 - -	93 1/3	48 2	4 6/8 - 7 1/8	6 1/8	5 - 7 1/8	6 2/8	17 8	43.4	6.7	36.7	183
1870 - -	92 2/3	46 10	4 6/8 - 7 1/8	6	5 2/8 - 7 5/8	6 1/8	17 5	43.5	6.6	36.9	180
1871 - -	93	56 10	5 2/8 - 7 5/8	6 1/8	5 1/8 - 8 2/8	7	18 2	41.6	6.3	35.3	179
1872 - -	92 2/3	57 1	5 2/8 - 7 5/8	6 1/8	6 - 8 5/8	7 2/8	23 10	36.9	6.0	30.9	192
1873 - -	92 2/3	58 8	5 1/8 - 8 1/8	7	6 5/8 - 9	7 5/8	31 3	33.9	5.9	28.0	210
1874 - -	92 2/3	55 9	5 1/8 - 8 1/8	6 5/8	5 1/8 - 8	6 5/8	24 8	31.5	5.8	25.7	225
1875 - -	93 2/3	45 2	5 3/8 - 8 2/8	6 7/8	5 1/8 - 9 1/8	7 2/8	22 9	29.7	5.6	24.1	233
1876 - -	95 2/3	46 2	5 1/8 - 8 2/8	6 5/8	5 3/8 - 9 1/8	7 1/8	20 2	27.5	5.7	21.8	260
1877 - -	95 2/3	56 9	4 6/8 - 8 1/8	6 2/8	4 6/8 - 9 2/8	7	18 5	27.0	6.0	21.0	283
1878 - -	95 2/3	46 5	4 6/8 - 8 1/8	6 3/8	4 7/8 - 9 2/8	7 1/8	16 6	27.3	6.2	21.1	293
1879 - -	97 2/3	43 10	4 - 7 3/8	5 5/8	4 6/8 - 8 5/8	6 5/8	15 10	29.0	6.5	22.5	290
1880 - -	98 2/3	44 4	4 2/8 - 7 1/8	6 1/8	4 7/8 - 8 5/8	6 7/8	15 0	28.4	6.7	21.7	310
1881 - -	100 2/3	45 4	4 1/8 - 7 2/8	5 7/8	5 1/8 - 9	7 1/8	16 0	28.2	6.8	21.4	318
1882 - -	101	45 0	4 6/8 - 8	6 2/8	5 5/8 - 9 5/8	7 5/8	15 10	27.2	6.7	20.5	325
1883 - -	101 1/3	41 7	5 - 8 1/8	6 5/8	5 5/8 - 9 2/8	7 5/8	17 0	26.5	6.6	19.9	331
1884 - -	101 2/3	35 8	4 6/8 - 7 1/8	6	4 6/8 - 8 5/8	6 5/8	15 6	25.8	6.5	19.3	339
1885 - -	99 2/3	32 10	3 5/8 - 6 5/8	5 5/8	4 6/8 - 7 5/8	6	15 8	25.7	6.5	19.2	338
1886 - -	100 2/3	31 1	3 5/8 - 6 3/8	4 7/8	4 1/8 - 8 1/8	6 1/8	14 11	26.2	6.5	19.7	328
Quarter.											
1885:—											
March - -	98 2/3	32 9	4 - 7	5 1/8	4 2/8 - 7 1/8	5 7/8	15 9	26.8	6.9	19.9	347
June - -	98 2/3	34 10	4 2/8 - 6 5/8	5 1/8	4 7/8 - 8 1/8	6 5/8	15 9	25.4	6.3	19.1	331
Sept. - -	99 2/3	32 10	3 6/8 - 6 5/8	5 2/8	4 2/8 - 7 5/8	6	14 10	24.7	6.1	18.6	326
Dec. - -	100	30 9	3 5/8 - 6 5/8	5 1/8	3 5/8 - 7	5 2/8	16 3	25.9	6.7	19.2	347
1886:—											
March - -	100 1/3	29 9	3 1/8 - 6 3/8	4 7/8	3 3/8 - 7 2/8	5 5/8	15 9	27.8	7.0	20.8	335
June - -	101	31 4	3 5/8 - 6 1/8	5 1/8	4 6/8 - 9 1/8	7	14 5	26.3	6.3	20.0	316
Sept. - -	101 1/3	31 9	3 5/8 - 6 1/8	5	4 6/8 - 8 2/8	6 2/8	14 6	25.0	6.0	19.0	318
Dec. - -	101	31 4	3 1/8 - 6 5/8	4 5/8	3 5/8 - 7 1/8	5 5/8	15 0	25.8	6.6	19.2	342

* The prices of coal in 1853-81 are derived from a Parliamentary Return (No. 225, 1881) furnished by the Registrar of the London Coal Market, by order of the House of Commons: the quotations for 1882-6 are the means of the four quarterly averages. The quarterly averages were from time to time supplied to the Registrar-General by Mr. Richard Meade, of the Mineral Statistics Department, Home Office.
 † Derived from Returns, published by the Local Government Board, of the number of persons in receipt of Relief on the last day of each week.

TABLE 27.—ENGLAND. Names on the Registers, Searches, and Fees received, at the General Register Office, 1837-86.

YEAR.	NAMES ON THE REGISTERS AT THE END OF EACH YEAR.				SEARCHES IN THE REGISTERS IN EACH YEAR.	
	PERSONS MARRIED.	BIRTHS.	DEATHS.	TOTAL.	NUMBER.*	AMOUNT RECEIVED.
1837† - -	116,958	164,116	148,701	429,775	Not known.	—
1838 - -	353,092	627,903	491,461	1,472,456		6 10 0
1839 - -	599,424	1,120,477	830,445	2,550,346		18 16 6
1840 - -	844,754	1,622,780	1,190,132	3,657,666		33 5 6
1841 - -	1,089,746	2,134,938	1,533,979	4,758,663		124 7 6
1842 - -	1,327,396	2,652,677	1,883,498	5,863,571		290 15 0
1843 - -	1,575,032	3,180,002	2,229,943	6,984,977		620 311 16 6
1844 - -	1,839,530	3,720,765	2,586,876	8,147,171		705 342 16 6
1845 - -	2,127,016	4,264,286	2,936,242	9,327,544		744 329 11 6
1846 - -	2,418,344	4,836,911	3,326,557	10,581,812		881 329 7 0
1847 - -	2,690,034	5,376,876	3,749,861	11,816,771	941 339 13 0	
1848 - -	2,966,494	5,939,935	4,149,694	13,056,123	1,030 365 11 6	
1849 - -	3,250,260	6,518,094	4,590,533	14,358,887	1,162 357 1 6	
1850 - -	3,555,748	7,111,516	4,959,528	15,626,792	1,228 366 13 0	
1851 - -	3,864,160	7,727,381	5,354,924	16,946,465	1,442 419 10 6	
1852 - -	4,181,724	8,351,393	5,762,059	18,295,176	1,658 467 5 0	
1853 - -	4,510,764	8,963,784	6,183,156	19,657,704	1,676 505 4 0	
1854 - -	4,830,218	9,598,189	6,621,061	21,049,468	2,340 568 7 6	
1855 - -	5,134,444	10,233,232	7,046,764	22,414,440	2,492 592 9 0	
1856 - -	5,453,118	10,890,685	7,437,270	23,781,073	2,853 653 15 0	
1857 - -	5,771,312	11,553,756	7,857,085	25,182,153	2,965 690 1 6	
1858 - -	6,083,452	12,209,237	8,306,741	26,599,430	4,063 815 1 6	
1859 - -	6,418,898	12,899,118	8,747,522	28,065,538	5,052 949 17 6	
1860 - -	6,759,210	13,583,166	9,170,243	29,512,619	5,636 1,031 18 0	
1861 - -	7,086,622	14,279,572	9,605,357	30,971,551	6,133 1,099 1 6	
1862 - -	7,414,632	14,992,256	10,041,923	32,448,811	7,297 1,250 12 0	
1863 - -	7,761,702	15,719,673	10,515,760	33,997,135	7,715 1,280 17 6	
1864 - -	8,122,476	16,459,948	11,011,291	35,593,715	8,346 1,371 18 6	
1865 - -	8,493,424	17,208,017	11,502,200	37,203,641	9,016 1,487 12 0	
1866 - -	8,868,976	17,961,887	12,002,839	38,833,752	10,970 1,860 15 6	
1867 - -	9,227,284	18,730,236	12,473,962	40,431,482	11,306 1,906 16 6	
1868 - -	9,581,208	19,517,094	12,954,584	42,052,886	11,926 2,031 11 0	
1869 - -	9,935,148	20,290,475	13,449,412	43,675,035	13,326 2,247 7 6	
1870 - -	10,298,458	21,083,262	13,964,741	45,346,461	15,303 2,456 19 6	
1871 - -	10,678,682	21,850,690	14,479,620	47,008,992	16,317 2,705 7 0	
1872 - -	11,081,216	22,706,597	14,971,885	48,759,698	17,913 2,867 5 6	
1873 - -	11,492,446	23,536,375	15,464,405	50,493,226	19,907 3,142 9 6	
1874 - -	11,896,406	24,391,331	15,991,037	52,278,834	21,518 3,364 7 0	
1875 - -	12,298,890	25,241,938	16,537,490	54,078,318	25,407 3,879 15 6	
1876 - -	12,702,638	26,129,906	17,047,805	55,880,349	26,762 4,109 15 6	
1877 - -	13,091,342	27,018,106	17,543,301	57,652,749	27,030 4,211 13 6	
1878 - -	13,471,450	27,910,012	18,088,173	59,469,635	27,776 4,313 8 6	
1879 - -	13,835,614	28,790,401	18,614,428	61,240,443	28,973 4,517 15 0	
1880 - -	14,219,544	29,672,044	19,143,052	63,034,640	30,541 4,695 3 0	
1881 - -	14,614,124	30,555,686	19,634,987	64,804,797	31,600 4,976 12 6	
1882 - -	15,022,934	31,444,700	20,151,641	66,619,275	32,879 5,170 15 0	
1883 - -	15,435,702	32,335,422	20,674,638	68,445,762	34,161 5,356 0 0	
1884 - -	15,844,304	33,242,172	21,205,466	70,291,942	34,187 5,177 15 0	
1885 - -	16,239,794	34,136,442	21,728,216	72,104,452	35,693 5,317 13 6	
1886 - -	16,631,936	35,040,308	22,265,492	73,937,736	35,355 5,168 16 0	

* Exclusive of searches in non-parochial registers relating to years prior to 1837.
 † The numbers for 1837 were registered in the half-year commencing 1st July.

TABLE 28.—ISLANDS IN THE BRITISH SEAS. Area and Population; and Births and Deaths, 1871-86.

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				
	Births.*	Deaths.	Births.	Deaths.	Births.	Deaths.	Baptisms.	Deaths.
1871	3,887	3,156	1,684	1,200	1,510	1,268	693	688
1872	3,619	3,023	1,511	1,039	1,421	1,301	687	683
1873	3,674	2,745	1,586	1,122	1,442	1,051	646	572
1874	3,603	2,932	1,518	1,040	1,346	1,081	739	811
1875	3,457	3,387	1,488	1,308	1,311	1,299	658	780
1876	3,297	2,691	1,434	1,058	1,110	947	753	686
1877	3,446	3,077	1,439	1,129	1,283	1,316	724	632
1878	3,455	2,845	1,437	1,174	1,285	1,062	733	609
1879	3,624	2,999	1,569	1,122	1,312	1,099	743	778
1880	3,740	3,050	1,539	1,180	1,415	1,147	786	723
1881	3,490	2,653	1,398	1,051	1,363	1,000	729	602
1882	3,581	2,748	1,474	1,017	1,418	1,110	689	621
1883	3,493	3,061	1,392	1,172	1,376	1,129	725	700
1884	3,618	3,024	1,448	1,129	1,471	1,166	699	729
1885	3,562	2,921	1,439	1,074	1,369	1,179	754	668
1886	3,778	2,960	1,574	1,096	1,461	1,145	740	719

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

TABLE 29.—UNITED KINGDOM. Emigration, 1871-86. (From Returns issued by the Board of Trade.)

YEAR.	TOTAL.	NATIONALITY OF EMIGRANTS.					DESTINATION OF EMIGRANTS OF ENGLISH ORIGIN.			
		ENGLISH.	SCOTCH.	IRISH.	FOREIGNERS.	NOT DISTINGUISHED.	NORTH AMERICAN COLONIES.	UNITED STATES.	AUSTRALIAN COLONIES AND NEW ZEALAND.	ALL OTHER PLACES.
1871	252,435	102,452	19,232	71,067	53,246	6,438	18,285	71,926	7,960	4,281
1872	295,213	118,190	19,541	72,763	79,023	5,696	16,691	82,339	11,611	7,549
1873	310,612	123,343	21,310	83,692	72,198	10,069	19,438	78,968	18,814	6,123
1874	241,014	116,490	20,283	60,496	38,465	5,277	15,224	56,388	35,555	8,323
1875	173,809	84,540	14,686	41,449	31,347	1,787	9,044	43,867	20,749	10,880
1876	188,222	73,396	10,097	25,976	25,784	3,169	6,227	34,612	20,582	11,975
1877	119,971	63,711	8,653	22,331	21,289	3,487	6,009	28,074	19,485	10,143
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	17,764	90,527	15,704	16,581
1882	413,268	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	503,901	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

TABLE 30.—ARMY. Strength and Mortality, 1864-86. (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.
1864	214,858	82,721	132,137	3,510	1,017	2,493	16.3	12.3	18.9
1865	208,377	84,502	124,375	3,537	959	2,578	16.9	11.3	20.7
1866	201,641	84,124	117,517	2,858	1,056	1,802	14.2	12.6	15.3
1867	200,335	87,607	112,728	3,234	950	2,284	16.1	10.8	20.3
1868	196,900	89,633	107,267	2,804	1,088	1,716	14.2	12.1	16.0
1869	186,668	86,278	100,390	3,250	903	2,347	17.4	10.5	23.4
1870	180,444	89,670	90,774	2,633	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	1,733	672	1,111	9.8	7.5	12.1
1884	183,004	89,924	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

TABLE 31.—ROYAL NAVY. Mortality in the Service Afloat, 1856-86. (From Statistical Reports of the Health of the Navy.)

YEAR.	DEATH-RATE PER 1000.		YEAR.	DEATH-RATE PER 1000.	
	From All Causes.	From Disease alone.		From All Causes.	From Disease alone.
1856	15.5	12.1	1872	8.2	5.6
1857	19.4	14.7	1873	8.3	6.0
1858	25.8	22.0	1874	9.4	6.7
1859	16.7	11.8	1875	8.8	6.9
1860	14.7	11.1	1876	9.2	6.0
1861	15.0	11.5	1877	7.1	4.9
1862	15.3	9.6	1878	14.4	5.3
1863	11.3	7.6	1879	8.6	6.2
1864	14.0	9.0	1880	12.6	4.6
1865	11.3	8.1	1881	10.9	5.3
1866	10.2	7.9	1882	9.5	6.9
1867	11.5	8.4	1883	5.9	4.1
1868	8.9	6.5	1884	9.0	5.8
1869	9.9	7.3	1885	7.0	4.8
1870	19.6	6.7	1886	6.9	5.0
1871	8.5	6.3			

TABLE 32.—MERCHANT SERVICE. **Strength and Mortality of Seamen at Sea, 1852-86.**

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

YEAR.	STRENGTH.	No. of DEATHS REPORTED.	DEATH-RATE per 1000.	YEAR.	STRENGTH.	No. of DEATHS REPORTED.	DEATH-RATE per 1000.
1852	159,563	2,205	13.8	1870	195,962	4,523	23.1
1853	172,525	3,276	19.0	1871	199,738	4,338	21.7
1854	162,416	2,772	17.1	1872	203,720	4,123	20.2
1855	168,537	3,318	19.7	1873	202,239	5,393	26.6
1856	173,918	3,549	20.4	1874	203,606	4,602	22.6
1857	176,387	3,444	19.5	1875	199,667	4,076	20.4
1858	177,832	3,486	19.6	1876	198,633	4,151	20.9
1859	172,506	3,430	19.9	1877	196,562	4,181	21.3
1860	171,592	3,760	21.9	1878	195,585	3,870	19.8
1861	171,957	3,580	20.8	1879	193,548	3,692	19.0
1862	173,863	3,620	20.8	1880	192,972	4,100	21.2
1863	184,727	3,380	18.3	1881	192,903	4,464	23.1
1864	195,756	3,893	19.9	1882	195,937	4,659	23.8
1865	197,643	4,600	23.3	1883	200,727	4,451	22.2
1866	196,371	4,866	25.8	1884	199,654	3,757	18.8
1867	196,340	5,283	26.9	1885	198,781	3,236	16.5
1868	197,502	5,237	26.6	1886	204,470	—	—
1869	195,490	4,832	24.7				

TABLE 33.—MERCHANT SERVICE. **Births and Deaths at Sea among Passengers* (British Subjects), 1857-86.**

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

YEAR.	BIRTHS.			DEATHS.		
	Total.	Males.	Females.	Total.	Males.	Females.
1857	310	168	142	437	297	140
1858	249	132	117	591	409	182
1859	267	135	132	1,023	720	303
1860	250	136	114	593	437	156
1861	218	110	108	403	282	121
1862	294	146	148	491	343	148
1863	344	159	185	694	463	231
1864	330	203	177	685	475	210
1865	412	210	202	938	623	315
1866	415	213	202	1,237	874	363
1867	339	162	177	752	538	214
1868	272	147	125	666	470	196
1869	258	134	124	553	369	184
1870	315	169	146	800	536	264
1871	208	106	102	445	299	146
1872	239	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	223	202	941	607	334
1884	264	132	132	799	528	271
1885	141	62	79	593	439	159
1886	172	88	84	515	351	164

* Including soldiers, marines, and invalid seamen from the Royal Navy.

TABLE 34.—ENGLAND.—**Changes in the Constitution of Registration Districts and Sub-districts during the Year 1886.**

N.B.—(1.) The Name of the District is in SMALL CAPITALS, that of the Sub-district in *Italics*.
(2.) The Populations quoted are the Numbers enumerated at the Census of 1881.

No. of District.	NAME OF REGISTRATION DISTRICT.	Date of Change.	Nature of Change.
		1886.	
146	BUCKINGHAM	1 April	The sub-districts of this district were reduced from three to two. The sub-district of <i>Leckhampstead</i> was dissolved and the fourteen parishes formerly comprised therein (aggregate population 3,631), together with the parish of Buckingham (population 3,585) were constituted the sub-district of <i>Buckingham</i> (aggregate population 7,216). The remaining five parishes belonging to the former sub-district of <i>Buckingham</i> , viz., Padbury, Adstock, Addington, Steeple Claydon, and Middle Claydon (aggregate population 2,093) were added to the sub-district of <i>Tingewick</i> .
147	HENLEY	1 April	The sub-districts of this district were increased from two to three. The parishes of Eye and Dunsden, and Caversham (population 4,446) were transferred from the sub-district of <i>Henley</i> and constituted the new sub-district of <i>Caversham</i> , and three other parishes, viz., Ipsden, Nuffield, and Nettlebed (population 1,571) were transferred from the sub-district of <i>Henley</i> to that of <i>Watlington</i> .
181	NEWMARKET	1 February	The sub-districts of <i>Bottisham</i> and <i>Newmarket</i> were united under the name of <i>Newmarket</i> (aggregate population 10,061).
214	WOODBIDGE	1 April	The parishes of Bromeswell, Melton, and Ufford (population 2,164) were transferred from the sub-district of <i>Carlford</i> to that of <i>Woodbridge and Wilford</i> .
284	SOUTH MOLTON	1 January	The sub-district of <i>Chulmleigh</i> (aggregate population 4,083) was dissolved, three parishes, viz., Cheldon, Meshaw, and East and West Worlington (aggregate population 633) were added to the <i>Witheridge</i> sub-district, and seven parishes, viz., Burrington, Chulmleigh, George Nympton, King's Nympton, Romansleigh, Satterleigh, and Warkleigh (aggregate population 3,450) were added to the <i>South Molton</i> sub-district. The parish of Exmoor (population 313) was taken from the <i>South Molton</i> sub-district and constituted a new sub-district called <i>Exmoor</i> .
379	WORCESTER	1 January	The sub-districts of <i>Worcester West</i> and <i>Worcester South</i> were united under the name of <i>Worcester South-west</i> (aggregate population 22,942).
461	BOLTON	1 February	The sub-districts of <i>Bolton Eastern</i> and <i>Bolton Western</i> were united under the name of <i>Great Bolton</i> (aggregate population 45,694).
561	BELLINGHAM	29 April	The townships of Leemailing and Nook (population 265) were transferred from the sub-district of <i>Kirkwhelpington</i> to that of <i>Bellingham</i> .
613	MACHYNLLETH	25 April	The sub-district of <i>Pennal</i> was re-named <i>Towyn</i> .
628	BANGOR	1 August	The parish of Llandegai (population 3,587) was transferred from the sub-district of <i>Bangor</i> to that of <i>Llan-Wechid</i> , and the parishes of Aber and Llanfairfechan (population 2,483) were transferred from the sub-district of <i>Llanllechid</i> to that of <i>Bangor</i> .

Under the provisions of "The Divided Parishes and Poor Law Amendment Act, 1876," changes were made on the 25th March 1886 in the constitution of the following Districts, viz.—CRANBROOK (52), EAST ASHFORD (55), ELHAM (65), ROMNEY MARSH (66), BATTLE (69), TICEHURST (72), HAVANT (87), ALVERSTOKE (89), FAREHAM (90), FARINGDON (114), WYCOMBE (142), AYLESBURY (143), NEWPORT PAGNELL (145*), THAME (148), WITNEY (153), PETERBOROUGH (167*), LEIGHTON BUZZARD (175*), LINTON (180), NEWMARKET (181), WIMBORNE (261*), SHERBORNE (266*), TOTNES (274), KINGSBRIDGE (275), WILLITON (303*), BRIDGWATER (307*), LANGPORT (308), CHARD (309), WINCANTON (311), SHEPTON MALLETT (313), CLUTTON (316), BATH (317), WHEATENHURST (328), STROUD (329), UTTOXETER (366), MARKET BOSWORTH (405*), GAINSBOROUGH (426), EAST RETFORD (427), BELPER (437), ASHBORNE (438), HUDDERSFIELD (495*), ROTHERHAM (510*), SCARBOROUGH (526), PICKERING (531), GUISBROUGH (533*), BEDALE (537), LEYBURN (538), AYSGARTH (539*), STOCKTON (543), LANCHESTER (548), DURHAM (549), CHESTER-LE-STREET (552), BELLINGHAM (561*), PENRITH (569), CARLISLE (572), and BOOTLE (576*).

* In these cases the limits of sub-districts only are affected.

TABLE 35.—Meteorological Elements, Greenwich,

YEAR.	Mean Weekly Movement of the Air in Miles.*	Departure from Average of 38 Years.	Fall of Rain in Inches.	Departure from Average of 38 Years.	Mean Dryness of Atmosphere.	Departure from Average of 38 Years.	Mean TEMPERATURE of the AIR.	Departure from Average of 38 Years.
1849	-	-36	23.9	-0.6	6.6	+0.8	50.0	+0.7
1850	-	-3	19.7	-4.8	6.1	+0.3	49.3	0.0
1851	-	-114	21.6	-2.9	6.5	+0.7	49.2	-0.1
1852	-	-63	34.2	+9.7	7.4	+1.6	50.6	+1.3
1853	-	-247	29.0	+4.5	6.2	+0.4	47.7	-1.6
1854	-	-113	18.7	-5.8	4.7	-1.1	48.9	-0.4
1855	-	-185	21.1	-3.4	4.5	-1.3	47.1	-2.2
1856	-	-69	22.2	-2.3	5.6	-0.2	49.0	-0.3
1857	-	-282	21.4	-3.1	5.2	-0.6	51.0	+1.7
1858	-	-218	17.8	-6.7	6.5	+0.7	49.2	-0.1
1859	-	-246	25.9	+1.4	6.0	+0.2	50.7	+1.4
1860	-	-168	32.0	+7.5	4.6	-1.2	47.0	-2.3
1861	-	-178	20.8	-3.7	5.0	-0.8	49.4	+0.1
1862	-	-164	26.2	+1.7	4.7	-1.1	49.5	+0.2
1863	-	-69	20.0	-4.5	6.0	+0.2	50.3	+1.0
1864	-	-247	16.7	-7.8	7.0	+1.2	48.5	-0.8
1865	-	-291	29.0	+4.5	6.2	+0.4	50.3	+1.0
1866	-	1917	30.7	+6.2	5.6	-0.2	49.8	+0.5
1867	-	1981	28.4	+3.9	5.6	-0.2	48.6	-0.7
1868	-	2029	25.2	+0.7	6.8	+1.0	51.5	+2.2
1869	-	2043	24.0	-0.5	5.7	-0.1	49.5	+0.2
1870	-	1872	18.5	-6.0	6.7	+0.9	48.7	-0.6
1871	-	1749	22.3	-2.2	6.0	+0.2	48.7	-0.6
1872	-	1998	30.0	+5.5	5.5	-0.3	50.7	+1.4
1873	-	1940	23.4	-1.1	5.5	-0.3	48.9	-0.4
1874	-	1915	20.0	-4.5	5.7	-0.1	49.3	0.0
1875	-	1942	28.2	+3.7	6.0	+0.2	49.2	-0.1
1876	-	2036	24.2	-0.3	6.4	+0.6	50.1	+0.8
1877	-	2184	26.9	+2.4	6.7	+0.9	49.4	+0.1
1878	-	1880	29.2	+4.7	5.8	0.0	49.6	+0.3
1879	-	1873	31.3	+6.8	5.4	-0.4	46.2	-3.1
1880	-	1928	29.8	+5.3	5.0	-0.8	49.4	+0.1
1881	-	2030	25.2	+0.7	5.7	-0.1	48.7	-0.6
1882	-	2151	25.2	+0.7	5.0	-0.8	49.7	+0.4
1883	-	2058	21.9	-2.6	5.7	-1.1	49.4	+0.1
1884	-	2034	18.1	-6.4	6.3	+0.5	50.7	+1.4
1885	-	2008	24.0	-0.5	6.0	+0.2	48.6	-0.7
1886	-	1962	24.2	-0.3	5.7	-0.1	48.7	-0.6
Average in 38 Years	1847	-	24.5	-	5.8	-	49.3	-

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

TABLE 36.—Meteorological Elements for different Parallels

PARALLEL of LATITUDE, &c.	Mean Elevation in Feet above the Sea Level.	Barometer.		Thermometer.						Mean Temperature	
		Mean Pressure of Dry Air reduced to the Sea Level.	Mean Monthly Range.	Mean of the highest Monthly Readings.	Mean of the lowest Monthly Readings.	Mean of the Yearly Range of Readings.	Mean of all the highest Daily Readings.	Mean of all the lowest Daily Readings.	Mean Daily Range.	Of the Air.	Of the Dew-point.
Guernsey	275	29.627	1.179	78.0	29.0	49.0	55.7	45.7	10.0	50.3	45.2
Between the latitudes, 50° and 51°	121	29.603	1.217	84.6	21.5	63.1	56.3	43.8	12.5	49.3	44.5
51° and 52°	221	29.629	1.239	86.9	14.9	72.0	56.8	41.3	15.5	48.6	43.0
52° and 53°	174	29.621	1.282	83.7	15.9	67.8	54.6	40.2	14.4	46.8	42.3
53° and 54°	306	29.602	1.313	79.7	15.9	63.8	52.9	41.2	11.7	46.4	41.2
54° and 55°	114	29.553	1.383	79.6	4.2	75.4	54.6	38.9	15.7	46.2	42.6

1849-86. 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 38 Years.	June.	Departure from Average of 38 Years.	Sept.	Departure from Average of 38 Years.	Dec.	Departure from Average of 38 Years.	
41.9	+1.8	51.7	-1.0	61.0	+0.6	44.8	+0.7	1849
39.4	-0.7	53.5	+0.8	59.6	-0.8	44.7	+0.6	1850
41.9	+1.8	51.5	-1.2	59.8	-0.6	43.7	-0.4	1851
41.4	+1.3	51.2	-1.5	61.8	+1.4	48.1	+4.0	1852
38.1	-2.0	51.8	-0.9	58.5	-1.9	42.3	-1.8	1853
40.8	+0.7	51.7	-1.0	59.8	-0.6	43.7	-0.4	1854
34.1	-6.0	50.5	-2.2	60.4	0.0	42.7	-1.4	1855
40.0	-0.1	52.3	-0.4	59.9	-0.5	44.2	+0.1	1856
39.2	-0.9	53.8	+1.1	63.3	+2.9	47.9	+3.8	1857
37.8	-2.3	54.3	+1.6	61.0	+0.6	43.8	-0.3	1858
43.3	+3.2	53.7	+1.0	62.8	+2.4	43.3	-0.8	1859
38.8	-1.3	50.5	-2.2	56.2	-4.2	42.6	-1.5	1860
39.9	-0.2	51.8	-0.9	60.4	0.0	45.5	+1.4	1861
41.0	+0.9	53.3	+0.6	58.8	-1.6	45.0	+0.9	1862
42.6	+2.5	53.1	+0.4	58.8	-1.6	46.8	+2.7	1863
37.9	+2.2	53.1	+0.4	59.4	-1.0	43.7	-0.4	1864
36.5	+3.6	56.2	+3.5	62.5	+2.1	46.0	+1.9	1865
41.2	+1.1	53.0	+0.3	58.9	-1.5	46.2	+2.1	1866
38.9	-1.2	53.5	+0.8	59.7	-0.7	42.5	-1.6	1867
41.4	+1.3	55.8	+3.1	63.9	+3.5	45.1	+1.0	1868
41.3	+1.2	52.0	-0.7	61.4	+1.0	43.3	-0.8	1869
38.0	-2.1	54.4	+1.7	60.7	+0.3	41.6	-2.5	1870
40.2	+0.1	51.5	-1.2	61.3	+0.9	41.8	-2.3	1871
43.6	+3.5	52.8	+0.1	61.1	+0.7	45.3	+1.2	1872
39.4	-0.7	51.8	-0.9	60.3	-0.1	44.2	+0.1	1873
41.4	+1.3	52.8	+0.1	60.9	+0.5	42.3	-1.8	1874
39.5	-0.6	53.4	+0.7	60.7	+0.3	43.1	-1.0	1875
39.5	-0.6	51.7	-1.0	61.8	+1.4	47.0	+2.9	1876
42.3	+2.2	51.9	-0.8	58.5	-1.9	45.0	+0.9	1877
41.5	+1.4	54.6	+1.9	60.8	+0.4	41.6	-2.5	1878
37.1	-3.0	49.5	-3.2	58.1	-3.3	39.9	-4.2	1879
39.8	-0.3	52.4	-0.3	61.4	+1.0	44.0	-0.1	1880
37.3	-2.8	52.9	+0.2	60.0	-0.4	44.6	-0.3	1881
42.3	+2.2	53.0	+0.3	58.1	-2.3	44.7	+0.6	1882
40.0	-0.1	53.0	+0.3	59.5	-0.9	44.9	+0.8	1883
43.4	-3.3	52.5	-0.2	62.7	+2.3	44.1	0.0	1884
40.3	+0.2	52.4	-0.3	59.1	-1.3	42.8	-1.3	1885
36.5	-3.5	52.5	-0.2	61.2	+0.8	44.6	+0.5	1886
40.0	-	52.7	-	60.4	-	44.1	-	Average in 38 Years.

of Latitude, 1886. By JAMES GLAISHER, Esq., F.R.S.

PARALLEL of LATITUDE, &c.	Mean Elastic Force of Vapour.	Mean Weight of Vapour in a Cubic Foot of Air.	Mean additional Weight of Vapour required for Saturation.	Mean Degree of Humidity of the Air. (Saturation=100.)	Mean Weight of a Cubic Foot of Air.	Wind.				Mean Amount of Cloud (0-10).	Rain.			
						Mean estimated Strength.	Relative Proportion of				Mean Number of Days it fell.	Mean Amount collected.		
Guernsey	.312	3.5	0.7	84	538	1.2	7	6	7	11	6.3	228	45.21	Guernsey.
Between the latitudes, 50° and 51°	.305	3.4	0.7	84	541	1.2	7	6	7	10	6.3	189	37.19	Between the latitudes, 50° and 51°
51° and 52°	.290	3.3	0.9	82	542	1.3	7	7	7	9	6.1	173	30.51	51° and 52°
52° and 53°	.282	3.2	0.7	82	543	1.1	7	6	8	10	6.6	181	27.09	52° and 53°
53° and 54°	.267	3.1	0.6	82	541	1.2	6	7	7	11	7.0	235	37.97	53° and 54°
54° and 55°	.281	3.2	0.6	86	544	0.9	5	5	7	14	7.6	183	35.73	54° and 55°

TABLE 37.—Quarterly Meteorological

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

1886. 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 45 Years.	Mean.	Diff. from Average of 45 Years.	
	Mean.	Diff. from Average of 115 Years.	Mean.	Diff. from Average of 45 Years.	Mean.	Diff. from Average of 45 Years.	Mean.	Diff. from Average of 45 Years.					
	o	o	o	o	o	o	o	o	in.	in.	grs.	grs.	
YEAR	- 48.7	+0.1	-0.7	45.9	-0.6	43.0	-0.6	15.6	-0.2	.291	-.004	3.3	-0.1
Winter Quarter	36.5	-2.3	-3.5	34.8	-3.3	32.3	-3.2	10.6	-1.2	.183	-.026	2.2	-0.2
Spring do.	52.5	+0.2	-0.4	48.8	-0.2	45.2	-0.2	19.7	-0.3	.303	-.002	3.4	-0.1
Summer do.	61.2	+1.5	+0.7	57.1	+0.8	53.6	+0.5	20.5	+0.9	.412	+0.006	4.6	0.0
Autumn do.	44.6	+0.9	+0.5	43.0	+0.4	41.0	+0.5	11.7	-0.1	.235	+0.007	3.0	-0.1

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

TABLE 38.—Monthly Meteorological

By JAMES

1886. MONTH.	Mean Reading of the Barometer.	Temperature of the Air.							Departure from Average of 115 years (1771-1886).	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.		
	in.	o	o	o	o	o	o	o	o	o
January	29.475	51.5	16.5	35.0	40.8	30.9	9.9	36.1	-0.4	32.7
February	29.945	47.8	20.6	27.2	38.0	29.8	8.2	33.7	-5.0	30.2
March	29.792	64.1	20.3	43.8	47.3	33.5	13.8	39.6	-1.5	33.9
April	29.743	68.3	32.5	35.8	55.8	38.9	16.9	46.4	+0.3	41.1
May	29.758	78.9	29.1	49.8	64.0	43.6	20.4	53.3	+0.8	45.5
June	29.805	81.4	38.4	43.0	69.6	47.9	21.7	57.8	-0.4	48.9
July	29.747	89.8	45.4	44.4	75.0	52.8	22.2	63.0	+1.3	53.2
August	29.816	89.1	44.6	44.5	73.8	53.3	20.5	62.0	+1.1	55.5
September	29.856	87.7	40.3	47.4	69.2	50.3	18.9	58.7	+2.1	52.0
October	29.618	79.2	38.0	41.2	60.5	47.1	13.4	53.3	+3.8	49.2
November	29.732	59.1	26.9	32.2	49.5	38.0	11.5	44.0	+1.6	41.1
December	29.522	54.1	17.3	36.8	41.4	31.2	10.2	36.5	-2.6	32.7
Means	29.734	70.9	30.0	40.9	57.1	41.5	15.6	48.7	+0.1	43.0

Elements, Greenwich, 1886.

furnished to the Registrar General by the Astronomer Royal.

1886. YEAR Winter Spring Summer Autumn	Degree of Humidity.	Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.		Reading of Thermometer on Grass.				1886. YEAR Winter Spring Summer Autumn	
		Mean.	Diff. from Average of 45 Years.	Mean.	Diff. from Average of 45 Years.	Mean.	Diff. from Average of 45 Years.	Number of Nights it was			Lowest Reading at Night.		Highest Reading at Night.
								At or below 30°.	Between 30° and 40°.	Above 40°.			
		in.	in.	grs.	grs.	Sums.	Sums.	o	o	o	o		
		in.	in.	grs.	grs.	in.	in.						
82	-1	29.734	-0.024	542	0	24.21	-1.08	90	141	134	15.0	58.2	YEAR.
85	+1	29.737	+0.027	556	+3	5.38	+0.31	52	30	8	16.5	47.1	Winter Quarter.
77	-1	29.769	-0.012	538	0	5.93	+0.14	8	50	33	18.8	50.2	Spring do.
77	-1	29.806	+0.014	529	-1	4.87	-2.44	0	19	73	31.0	58.2	Summer do.
87	-1	29.624	-0.125	544	-3	8.03	+0.91	30	42	20	15.0	48.1	Autumn do.

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

Elements, Greenwich, 1886.

GLAISHER, Esq., F.R.S.

1886. 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.		1886. MONTH.
						N.	E.	S.	W.		Number of Days on which measured.	Amount collected.	
	in.	grs.	grs.		grs.						in.		
January	.186	2.2	0.3	88	551	6	8	8	9	7.2	22	3.68	January.
February	.168	2.0	0.3	87	563	9	12	3	4	7.8	10	0.56	February.
March	.195	2.4	0.5	80	553	4	11	8	8	7.5	15	1.14	March.
April	.258	3.0	0.6	82	544	7	11	6	6	6.9	12	1.26	April.
May	.305	3.4	1.1	76	537	2	12	9	8	6.8	15	4.23	May.
June	.346	3.8	1.5	73	533	8	9	3	10	6.5	9	0.44	June.
July	.404	4.5	1.9	72	526	4	3	14	10	6.5	13	2.51	July.
August	.441	4.9	1.3	79	528	5	2	10	14	6.0	10	1.12	August.
September	.388	4.3	1.2	79	532	7	4	9	10	6.1	10	1.24	September.
October	.351	3.9	0.6	86	534	3	8	12	8	7.4	14	1.41	October.
November	.258	2.9	0.4	89	547	5	5	9	11	7.0	15	3.92	November.
December	.186	2.2	0.4	86	551	7	3	9	12	6.0	18	3.60	December.
Means	.291	3.3	0.8	82	542	67	88	100	110	6.8 Mean	163 Sum	24.21 Sum	Means.

TABLE 39.—Mean Annual Values of Meteorological Elements from Observations

NAME OF STATION.	Elevation in feet above the Sea Level.	Latitude.	Barometer.		Thermometer.						Mean Temperature	
			Mean.	Mean Monthly Range.	Highest Reading in the Year.	Lowest Reading in the Year.	Difference or Extreme Range.	Mean of all highest Daily Readings.	Mean of all lowest Daily Readings.	Mean Daily Range.	Of the Air.	Of the Dew-point.
Guernsey - - - -	275	49 27 N.	29.627	1.179	78.0	29.0	49.0	55.7	45.7	10.0	50.3	45.2
Truro - - - - -	43	50 17	29.562	1.167	85.0	14.0	71.0	57.9	44.1	13.8	49.6	44.3
Plymouth - - - -	69	50 23	29.622	1.189	83.4	22.2	61.2	56.1	44.2	11.9	49.7	45.2
Torquay - - - - -	305	50 29	29.629	1.240	83.3	24.2	59.1	55.2	43.8	11.4	49.1	44.0
Ventnor - - - - -	80	50 36	29.581	1.198	81.5	25.4	56.1	56.0	45.7	10.3	49.9	44.8
Eastbourne - - - -	65	50 44	..	..	83.5	21.8	61.7	56.7	42.0	13.7	49.3	44.2
Osborne - - - - -	172	50 45	29.593	1.288	90.2	21.4	68.8	57.1	43.0	14.1	49.0	45.9
Southbourne - - - -	95	50 45	29.628	1.230	85.2	21.5	63.7	55.2	42.7	12.6	48.6	42.9
Salisbury - - - - -	186	51 4	29.625	1.214	89.0	15.0	74.0	58.1	37.7	20.4	47.9	42.8
Barnstaple - - - - -	43	51 5	29.609	1.188	83.0	17.0	66.0	58.1	46.1	12.0	51.3	45.3
Whitechurch - - - -	150	51 29	29.657	..	..	..	..	56.5	40.0	16.5	48.0	42.1
Royal Observatory - -	159	51 29	29.617	1.255	89.8	16.5	73.3	57.1	41.5	15.6	48.7	43.0
Blackheath - - - - -	150	51 29	29.612	1.237	86.8	15.0	71.8	55.0	41.7	13.4	48.1	42.9
Camden Square - - - -	123	51 32	29.634	1.258	88.4	19.4	69.0	57.0	42.4	14.6	48.8	42.7
Barnet - - - - -	212	51 38	29.655	1.252	87.3	7.0	80.3	56.7	38.8	17.9	47.3	42.5
Oxford - - - - -	212	51 46	29.622	1.267	83.9	14.3	69.6	55.6	42.2	13.4	48.5	43.0
Royston - - - - -	269	52 2	29.654	1.275	86.0	17.8	68.2	56.1	40.6	15.5	47.2	42.7
Cambridge - - - - -	40	52 13	29.594	1.273	88.1	17.0	71.1	57.1	40.2	16.9	47.9	43.8
Lowestoft - - - - -	89	52 29	29.638	1.284	81.0	19.2	61.8	53.5	42.1	11.5	47.1	43.0
Somerleyton - - - - -	50	52 31	29.609	1.300	83.2	14.2	69.0	54.4	41.0	13.4	46.7	42.7
Wolverhampton - - - -	500	52 37	29.673	1.248	81.8	13.4	68.4	53.2	38.8	14.4	45.2	40.6
Leicester - - - - -	238	52 39	29.611	1.308	85.6	17.5	68.1	54.9	41.3	13.6	47.8	41.6
Nottingham - - - - -	122	52 57	29.594	1.284	83.5	14.9	68.6	54.0	41.5	12.5	47.0	42.4
Holkham - - - - -	39	52 57	29.591	1.286	80.7	13.4	67.3	53.6	36.4	17.2	45.4	41.2
Burslem - - - - -	556	53 3	29.607	1.269	80.3	16.4	63.9	51.7	40.7	11.0	45.6	41.2
Llandudno - - - - -	100	53 20	29.583	1.329	78.0	22.5	55.5	53.7	43.7	10.0	48.4	42.8
Liverpool - - - - -	197	53 24	29.594	1.318	77.1	21.2	55.9	53.2	43.7	9.6	47.3	41.7
Halifax - - - - -	530	53 42	..	..	81.5	13.0	68.5	52.5	39.6	12.9	45.0	40.3
Hull - - - - -	6	53 45	29.609	1.353	82.0	9.0	73.0	53.1	39.5	13.6	46.3	41.3
Bradford - - - - -	364	53 48	29.596	1.347	79.5	17.4	62.1	52.6	42.1	10.5	46.6	40.6
Stonyhurst - - - - -	363	53 51	29.623	1.262	79.5	11.5	68.0	53.5	39.3	14.2	45.7	40.2
Carlisle - - - - -	114	54 53	29.553	1.383	79.6	4.2	75.4	54.6	38.9	15.7	46.2	42.6

at several Stations in the Year 1886. By JAMES GLAISHER, Esq., F.R.S.

Mean Monthly Elastic Force of Vapour.	Mean Weight of Vapour in a Cubic Foot of Air.	Mean additional Weight of Vapour required for Saturation.	Mean Degree of Humidity (Saturation=100).	Mean Weight of a Cubic Foot of Air.	Mean estimated Strength.	Wind.				Mean Amount of Cloud (0-10).	Number of Days on which measured.	Rain. Amount collected.	NAME OF STATION.
						Relative Proportion of							
						N.	E.	S.	W.				
.312	3.5	0.7	84	538	1.2	7	6	7	11	6.3	228	45.21	Guernsey.
.300	3.4	0.8	83	542	2.3	7	7	7	9	6.9	197	44.31	Truro.
.314	3.5	0.7	85	543	1.3	6	7	8	10	6.8	204	37.08	Plymouth.
.298	3.4	0.8	83	539	1.4	7	6	8	10	6.6	208	41.53	Torquay.
.309	3.5	0.7	83	541	..	7	8	7	9	5.9	189	36.61	Ventnor.
.301	3.4	0.8	83	..	0.4	8	4	8	11	..	169	35.44	Eastbourne.
.324	3.6	0.5	89	541	0.5	7	6	8	9	6.0	174	32.21	Osborne.
.289	3.3	0.8	81	543	1.5	9	6	7	9	5.4	181	33.13	Southbourne.
.287	3.3	0.8	84	542	1.2	8	6	7	10	6.4	219	33.70	Salisbury.
.315	3.6	1.0	81	541	1.2	6	6	8	10	4.0	181	45.05	Barnstaple.
.278	3.2	0.9	82	543	..	..	..	..	..	6.3	165	30.18	Whitechurch.
.291	3.3	0.9	82	542	..	..	..	..	..	6.8	163	24.21	Royal Observatory.
.290	3.3	0.8	82	543	0.8	6	7	8	9	6.5	146	23.82	Blackheath.
.286	3.2	1.0	79	543	..	8	9	7	7	5.9	176	27.02	Camden Square.
.285	3.2	0.7	85	543	0.8	8	8	4	11	6.2	154	27.41	Barnet.
.289	3.3	0.8	82	541	2.4	7	5	9	9	6.4	183	32.71	Oxford.
.286	3.3	0.6	84	542	..	7	6	8	9	6.2	165	25.13	Royston.
.302	3.4	0.6	87	543	1.4	6	6	7	12	6.5	170	24.00	Cambridge.
.287	3.2	0.7	65	544	2.0	6	7	7	11	6.2	163	22.28	Lowestoft.
.288	3.2	0.6	86	546	1.1	7	7	8	9	6.1	158	23.50	Somerleyton.
.263	3.0	0.6	86	539	..	6	7	9	8	7.6	179	33.38	Wolverhampton.
.271	3.1	0.9	80	541	0.7	7	5	9	10	6.8	189	30.80	Leicester.
.284	3.2	0.6	85	544	0.2	4	7	9	11	6.9	237	30.53	Nottingham.
.271	3.3	0.6	85	547	1.1	9	4	10	8	6.3	..	..	Holkham.
.270	3.1	0.6	85	539	1.1	6	8	8	9	7.0	226	35.57	Burslem.
.285	3.2	0.8	82	543	0.9	5	6	6	14	7.0	189	35.94	Llandudno.
.273	3.1	0.8	81	542	1.4	4	9	7	11	6.4	219	34.91	Liverpool.
.259	3.0	0.7	84	..	..	5	7	8	10	7.1	190	43.56	Halifax.
.261	3.1	0.6	84	547	1.2	6	5	10	10	6.3	206	26.91	Hull.
.261	3.0	0.8	81	539	..	8	5	7	10	7.5	205	35.99	Bradford.
.260	3.0	0.7	80	538	..	5	7	5	14	7.7	213	52.89	Stonyhurst.
.281	3.2	0.6	86	544	0.9	5	5	7	14	7.6	183	35.73	Carlisle.

INTERNATIONAL VITAL STATISTICS.

TABLE 40.—Persons Married, Births, and Deaths per 1000 of the Population, in the UNITED KINGDOM and in OTHER EUROPEAN STATES.

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

YEAR.	UNITED KINGDOM.	ENGLAND AND WALES.	SCOTLAND.	IRELAND.	DENMARK.	NORWAY.	SWEDEN.	AUSTRIA.	HUNGARY.	SWITZERLAND.	GERMAN EMPIRE.	PRUSSIA.	THE NETHERLANDS.	BELGIUM.	FRANCE.	ITALY.
	15.1 (17 yrs.)	16.4	14.2	9.8 (17 yrs.)	15.3	14.5 (10 yrs.)	13.4	17.1	20.6 (15 yrs)	15.1 (13 yrs)	17.4 (9 yrs.)	17.2	16.2	14.6	15.8	15.2 (18 yrs)
PERSONS MARRIED TO 1000 LIVING.																
Average in the 20 years 1861-80	15.1	16.4	14.2	9.8	15.3	14.5	13.4	17.1	20.6	15.1	17.4	17.2	16.2	14.6	15.8	15.2
1866	16.0	17.5	14.7	10.8	16.8	—	13.4	13.0	16.3	—	—	15.6	16.7	15.7	16.0	11.3
1867	15.2	16.5	13.9	10.7	15.3	—	12.2	19.3	20.8	—	—	18.6	16.8	15.6	15.7	13.5
1868	14.8	16.1	13.3	10.0	14.6	—	10.9	18.3	27.3	13.4	—	17.7	15.3	14.6	15.7	14.4
1869	14.6	15.9	13.4	10.0	14.7	—	11.3	20.7	22.0	14.4	—	17.9	15.4	14.8	16.5	16.0
1870	15.0	16.1	14.3	10.6	14.7	—	13.1	19.5	19.6	14.0	—	14.9	15.9	13.9	12.1	14.6
1871	15.4	16.7	14.3	10.7	14.6	13.3	13.0	18.9	20.8	14.6	—	15.9	16.0	14.7	14.4	14.9
1872	15.9	17.4	15.1	10.0	15.0	14.0	13.9	18.6	21.5	15.7	20.6	20.6	16.5	15.5	19.5	15.0
1873	16.0	17.6	15.5	9.6	16.2	14.5	14.6	18.8	22.6	15.2	20.0	20.2	17.1	15.5	17.7	15.9
1874	15.6	17.0	15.2	9.2	16.4	15.3	14.5	18.1	21.4	16.6	19.1	19.3	16.8	15.1	16.6	15.3
1875	15.3	16.7	14.8	9.1	17.0	15.7	14.0	17.1	21.8	17.9	18.2	18.0	16.7	14.5	16.4	16.8
1876	15.3	16.5	15.0	9.9	17.1	15.4	14.1	16.5	19.8	16.2	17.0	17.1	16.5	14.3	15.8	16.3
1877	14.6	15.7	14.4	9.3	16.1	15.1	13.7	15.0	18.2	15.7	16.0	16.3	16.2	13.7	15.1	15.4
1878	14.1	15.2	13.4	9.5	14.8	14.6	12.9	15.2	18.7	14.7	15.4	15.7	15.5	13.7	15.1	14.2
1879	13.3	14.4	12.8	8.7	14.7	13.5	12.6	15.5	20.5	13.8	15.0	15.4	15.3	13.5	15.1	15.0
1880	13.6	14.9	13.2	7.8	15.2	13.3	12.6	15.2	18.2	13.7	15.0	15.3	15.0	14.1	14.9	13.8
1881	14.0	15.1	13.9	8.5	15.6	12.8	12.4	16.0	19.8	13.6	14.9	15.2	14.6	14.1	15.0	16.2
1882	14.3	15.5	14.1	8.6	15.4	13.4	12.7	16.4	20.3	13.5	15.3	15.7	14.3	13.9	14.8	15.7
1883	14.3	15.4	14.0	8.5	15.4	13.2	12.8	15.7	20.5	13.6	15.3	15.8	14.2	13.5	15.0	16.0
1884	14.1	15.0	13.5	9.1	15.6	13.7	13.1	15.7	20.1	13.6	15.7	16.1	14.4	13.5	15.3	16.4
1885	13.4	14.4	12.9	8.6	15.1	13.3	13.3	15.2	—	13.8	15.8	16.3	12.2	13.6	14.9	15.8
1886	13.1	14.1	12.4	8.4	14.2	13.1	—	15.5	—	13.7	15.8	16.2	13.9	13.4	14.8	15.6
BIRTHS TO 1000 LIVING.																
Average in the 20 years 1861-80	33.8 (17 yrs.)	35.3	34.9	26.2 (17 yrs.)	31.2	30.8 (10 yrs.)	30.9	39.7	42.8 (15 yrs)	30.6 (11 yrs)	39.6 (9 yrs.)	38.6	35.8	31.8	25.9	37.1 (18 yrs)
1866	33.6	35.2	35.4	26.2	32.2	—	33.1	38.7	42.1	—	—	39.3	35.4	32.7	26.4	38.9
1867	33.8	35.4	35.1	26.0	30.5	—	30.8	37.4	38.8	—	—	36.9	35.4	32.1	26.4	36.6
1868	34.2	35.8	35.3	26.8	31.2	—	27.5	38.7	42.4	—	—	36.9	34.9	31.5	25.7	35.4
1869	33.3	34.8	34.3	26.7	29.5	—	28.2	40.2	42.6	—	—	37.9	34.3	31.6	25.7	37.2
1870	33.8	35.2	34.6	27.7	30.5	—	28.3	40.5	41.7	29.8	—	38.5	36.1	32.3	25.5	36.8
1871	33.7	35.0	34.5	28.1	30.2	29.2	30.4	39.8	43.0	29.0	—	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	40.0	41.0	29.5	39.7	36.0	32.3	26.8	26.8	37.9
1873	34.0	35.4	34.8	27.1	30.8	29.9	30.8	40.9	42.2	29.7	39.7	36.2	32.5	26.1	26.4	36.4
1874	34.4	36.0	35.6	26.6	30.9	30.7	30.9	40.7	42.7	30.4	40.1	40.0	36.4	32.6	26.2	34.9
1875	33.9	35.4	35.2	26.1	31.9	31.2	31.0	40.9	45.0	31.8	40.6	40.5	36.5	32.5	26.0	37.8
1876	34.8	36.3	35.6	26.4	32.6	31.8	30.8	41.0	45.6	40.9	40.8	37.1	33.2	26.2	26.2	39.2
1877	34.4	36.0	35.3	26.2	31.8	31.8	31.1	39.7	43.3	40.0	40.0	39.9	36.5	32.3	25.5	36.9
1878	34.0	35.6	34.9	25.1	31.7	31.1	29.8	39.5	42.8	31.3	38.9	38.9	36.1	31.5	25.2	36.0
1879	33.3	34.7	34.3	25.2	32.0	32.0	30.5	40.3	45.3	30.5	38.9	39.2	36.6	31.5	25.0	37.6
1880	32.7	34.2	33.6	24.7	31.8	30.7	29.4	38.7	42.9	29.6	37.6	37.7	35.5	31.1	24.5	33.6
1881	32.5	33.9	33.7	24.5	32.3	30.0	29.1	38.7	43.7	37.0	36.8	35.0	31.4	24.9	24.9	38.0
1882	32.2	33.7	33.3	24.1	32.4	30.9	29.4	38.9	44.6	28.8	37.2	37.4	35.3	31.2	24.8	37.1
1883	31.8	33.3	32.5	25.6	31.8	30.9	28.9	38.2	45.3	28.4	36.6	36.9	34.3	30.5	24.8	37.1
1884	32.1	33.3	32.4	24.0	33.4	31.0	30.0	38.4	46.0	28.1	37.2	37.4	34.9	30.5	24.8	38.7
1885	31.3	32.5	32.3	23.5	32.6	31.3	29.6	37.4	—	27.5	37.0	37.6	34.4	29.9	24.3	38.1
1886	31.3	32.4	32.4	23.3	32.6	30.9	—	37.7	—	27.5	37.1	37.7	34.6	29.6	23.9	36.5
DEATHS TO 1000 LIVING.																
Average in the 20 years 1861-80	21.2 (17 yrs.)	21.9	21.9	17.5 (17 yrs.)	19.7	16.9 (10 yrs.)	19.2	31.1	38.7 (15 yrs)	23.6 (11 yrs)	26.9 (9 yrs.)	26.8	24.7	22.8	23.6	30.0 (18 yrs)
1866	22.1	23.4	22.2	16.7	20.9	—	20.0	40.9	38.9	—	—	34.1	28.8	31.3	23.2	29.1
1867	20.8	21.7	21.3	16.8	20.0	—	19.6	29.2	33.5	—	—	25.6	23.7	21.6	22.7	34.2
1868	20.7	21.8	21.2	15.8	19.3	—	21.0	28.5	33.8	—	—	27.4	24.9	21.7	24.1	30.6
1869	21.3	22.3	23.0	16.4	19.1	—	22.3	28.9	32.0	—	—	26.1	22.9	21.8	23.5	27.9
1870	21.8	22.9	22.2	16.7	19.1	—	19.8	29.3	32.6	25.8	—	27.6	25.8	23.3	23.3	29.9
1871	21.5	22.6	22.2	16.4	19.5	16.9	17.2	29.9	39.0	27.7	—	28.8	29.5	23.5	34.8	30.0
1872	20.9	21.3	22.3	18.1	18.4	16.6	16.3	32.7	42.3	22.2	29.0	29.3	25.9	23.2	22.0	30.8
1873	20.7	21.0	22.4	18.3	18.6	16.9	17.2	39.1	65.1	22.7	28.3	27.9	24.2	21.5	23.3	30.1
1874	21.5	22.2	23.2	17.3	20.0	18.2	20.3	31.7	42.6	22.3	26.7	25.7	22.7	20.5	21.4	30.4
1875	22.1	22.7	23.3	18.5	21.0	18.8	20.3	30.0	37.0	24.6	27.6	26.4	25.6	22.7	23.1	30.8
1876	20.4	20.9	20.9	17.3	19.7	18.0	19.6	29.8	35.0	24.1	26.3	25.5	23.5	21.9	22.6	28.8
1877	19.9	20.3	20.6	17.5	18.7	16.9	18.7	31.6	36.3	23.5	26.4	25.6	22.2	21.1	21.6	28.2
1878	21.1	21.6	21.2	18.6	18.5	15.8	18.1	31.6	37.6	23.3	26.2	25.9	23.0	21.5	22.6	28.9
1879	20.5	20.7	20.0	19.6	19.8	15.0	16.9	29.9	36.4	22.6	25.6	24.8	22.5	21.9	22.5	29.9
1880	20.4	20.5	20.5	19.8	20.4	15.9	18.1	29.7	38.6	21.9	26.0	25.4	23.5	22.3	22.8	30.5
1881	18.7	18.9	19.3	17.5	18.3	16.8	17.7	30.6	35.6	22.4	25.5	24.8	21.5	20.9	22.0	27.6
1882	19.2	19.6	19.3	17.4	19.3	18.4	17.4	30.8	36.6	21.9	25.7	25.3	20.7	20.2	22.2	27.5
1883	19.3	19.5	20.1	19.2	18.4	17.1	17.3	30.1	32.6	20.3	25.9	25.5	21.8	20.8	22.2	27.5
1884	19.3	19.5	19.4	17.6	18.4	16.4	17.5	29.2	31.4	20.1	26.0	25.5	22.2	20.9	22.2	26.7
1885	18.9	19.0	19.1	18.4	17.9	16.5	17.8	29.9	—	21.1	25.7	25.7	21.0	20.1	22.0	26.6
1886	19.0	19.3	18.6	17.9	18.2	16.1	—	29.2	—	20.4	26.2	26.0	21.8	21.1	22.5	28.3

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

TABLE 43.—SCOTLAND. Population, Marriages, Births, and Deaths, 1855-86.

(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	3,275,850	21,855	43,710	115,514	69,416	13·8	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	23,554	47,008	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	126,322	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*	3,745,485	26,004	52,008	126,171	72,325	13·9	33·7	19·3
1882	3,785,400	26,596	53,192	126,158	72,989	14·1	33·3	19·3
1883	3,825,744	26,855	53,710	124,462	76,867	14·0	32·5	20·1
1884	3,866,591	26,061	52,122	120,041	75,128	13·5	33·4	19·4
1885	3,907,736	25,256	50,512	126,110	74,603	12·9	32·3	19·1
1886	3,949,393	24,469	48,938	127,927	73,622	12·4	32·4	18·6

* Census year.

TABLE 44.—IRELAND. Population, Marriages, Births, and Deaths, 1864-86.

(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	30,302	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	24·2	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	93,114	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	5,286,350	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	102,006	7·8	24·7	19·8
1881*	5,144,983	21,326	43,652	125,847	90,035	8·5	24·5	17·5
1882	5,097,853	22,029	44,058	122,648	88,500	8·6	24·1	17·4
1883	5,015,282	21,368	42,736	118,163	96,228	8·5	23·6	19·2
1884	4,962,693	22,585	45,170	118,375	87,154	9·1	24·0	17·6
1885	4,924,342	21,177	42,354	115,951	90,712	8·6	23·5	18·4
1886	4,889,498	20,594	41,188	113,927	87,292	8·4	23·3	17·9

* Census year.

TABLE 45.—DENMARK (the Kingdom properly so called). Population, Marriages, Births, and Deaths, 1850-86.

(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.
1850*	1,407,747	10,824	21,648	44,763	27,231†	15·4	31·8	19·3†
1851	1,425,700	14,205	28,410	43,338	26,570	19·9	30·4	18·6
1852	1,443,900	14,133	28,266	43,390	28,550	19·6	33·5	19·8
1853	1,462,300	13,521	27,042	46,614	35,592†	18·5	31·9	24·3†
1854	1,481,000	12,994	25,988	48,725	27,439	17·5	32·9	18·5
1855*	1,499,350	12,821	25,642	48,160	30,157	17·1	32·1	20·1
1856	1,519,500	13,175	26,350	49,553	28,662	17·3	32·6	18·9
1857	1,539,300	13,847	27,694	51,054	33,768	18·0	33·2	21·9
1858	1,559,500	13,626	27,252	52,115	36,388	17·5	33·4	23·3
1859	1,579,900	13,334	26,668	53,361	32,268	16·9	33·8	20·4
1860*	1,603,362	12,849	25,698	52,536	32,524	16·0	32·7	20·2
1861	1,625,200	12,097	24,194	51,616	29,947	14·9	31·8	18·4
1862	1,642,200	12,044	24,088	50,942	30,200	14·7	31·0	18·4
1863	1,659,400	12,456	24,912	51,701	30,333	15·0	31·1	18·3
1864	1,676,700	9,466	18,932	50,797	39,100†	11·3	30·3	23·3†
1865	1,694,300	15,056	30,112	53,218	39,266	17·8	31·4	23·2
1866	1,712,000	14,354	28,708	55,141	35,707	16·8	32·2	20·9
1867	1,729,900	13,225	26,450	52,700	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	14,908	29,806	56,571	34,250	16·2	30·8	18·6
1874	1,856,300	15,260	30,520	57,273	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	15,423	30,846	60,850	35,803	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	29,913	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	63,340	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	14,331	28,662	68,080	38,094	14·2	32·6	18·2

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

* Census year.

† Cholera was epidemic in the year 1853, and war raged in the years 1850 and 1864.

TABLE 46.—NORWAY. Population, Marriages, Births, and Deaths, 1871-86.

(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	29,382	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	12,374	24,748	59,375	35,325	13·4	30·9	18·4
1883	1,925,000	12,710	25,420	59,498	32,334	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	12,900	25,800	60,700	31,600	13·1	30·9	16·1

TABLE 47.—SWEDEN. Population, Marriages, Births, and Deaths, 1850-86.

(Supplied by the Director of the Statistical Department of Sweden.)

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	POPULATION, 31st Dec., from Parochial Registers.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1850*	3,482,541	26,267	52,534	110,399	68,514	15·2	32·0	19·8
1851	3,516,647	25,750	51,500	111,065	72,506	14·7	31·7	20·7
1852	3,540,409	24,150	48,300	108,305	80,090	13·7	30·7	22·7
1853	3,563,316	25,596	51,192	111,407	84,047†	14·4	31·4	23·7†
1854	3,608,124	27,585	55,170	120,107	70,846	15·4	33·5	19·8
1855*	3,641,011	27,253	54,506	115,072	77,734	15·0	31·7	21·4
1856	3,672,988	27,221	54,442	115,082	79,618	14·9	31·5	21·8
1857	3,687,601	28,531	57,062	119,349	101,491†	15·5	32·4	27·6†
1858	3,734,240	30,092	60,184	129,039	80,498	16·2	34·8	21·7
1859	3,787,735	31,125	62,250	131,605	75,720	16·6	35·0	20·1
1860*	3,859,728	29,839	59,678	133,162	67,502	15·6	34·8	17·7
1861	3,917,339	28,272	56,544	126,634	71,829	14·5	32·6	18·5
1862	3,965,899	27,325	55,650	131,584	84,350	14·1	33·4	21·4
1863	4,022,564	29,013	58,026	134,279	77,227	14·5	33·6	19·3
1864	4,070,061	28,248	56,496	136,004	81,937	14·0	33·6	20·2
1865	4,114,141	28,944	57,888	134,281	79,216	14·1	32·8	19·4
1866	4,160,677	27,797	55,594	136,989	82,666†	13·4	33·1	20·0†
1867	4,195,681	25,440	50,880	128,832	82,072	12·2	30·8	19·6
1868	4,173,080	22,833	45,666	114,955	87,807	10·9	27·5	21·0
1869	4,158,757	23,503	47,006	117,677	92,775	11·3	28·2	22·3
1870*	4,168,525	25,072	50,144	119,838	82,449	13·1	28·3	19·8
1871	4,204,177	27,187	54,374	127,333	72,046	13·0	30·4	17·2
1872	4,250,412	29,470	58,940	126,983	68,802	13·9	30·0	16·3
1873	4,297,972	31,257	62,514	131,643	73,525	14·6	30·8	17·2
1874	4,341,559	31,422	62,844	133,249	87,760†	14·5	30·9	20·3†
1875	4,383,291	30,762	61,524	135,958	88,439	14·0	31·0	20·3
1876	4,429,713	31,184	62,368	135,890	86,334	14·1	30·8	19·6
1877	4,484,542	30,674	61,348	133,476	83,175†	13·7	31·1	18·7†
1878	4,531,863	29,151	58,302	134,464	81,418	12·9	29·8	18·1
1879	4,578,901	28,635	57,270	139,043	77,152	12·6	30·5	16·9
1880*	4,565,668	28,919	57,838	134,262	82,753	12·6	29·4	18·1
1881	4,572,245	28,301	56,602	132,804	80,800†	12·4	29·1	17·7†
1882	4,579,115	28,967	57,934	134,300	79,406	12·7	29·4	17·4
1883	4,603,595	29,449	58,898	132,875	79,487	12·8	28·9	17·3
1884	4,644,448	30,200	60,400	138,745	81,077	13·1	30·0	17·5
1885	4,682,769	30,911	61,822	137,308	82,781	13·3	29·6	17·8
1886	—	—	—	—	—	—	—	—

* Census year.

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

TABLE 48.—AUSTRIA. Population, Marriages, Births, and Deaths, 1853-86.

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

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, at the end of each Year.†	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	17,816,877	137,621	275,242	678,923	570,885	15·4	38·1	32·0
1854	17,911,986	124,258	248,516	666,981	622,695	13·9	37·2	34·8
1855	17,733,086	147,186	294,372	692,985	881,094	16·6	39·1	49·7
1856	17,843,463	147,474	294,948	666,250	541,887	16·5	37·3	30·4
1857*	18,224,500	147,657	295,314	741,239	503,915	16·2	40·7	27·7
1858	18,458,396	155,073	310,146	745,926	532,920	16·8	40·4	28·8
1859	18,671,781	130,656	261,312	770,029	540,475	14·0	41·3	28·9
1860	18,884,598	158,340	316,680	731,759	502,809	16·8	38·8	26·6
1861	19,029,405	151,440	302,880	722,951	563,402	15·9	38·0	29·6
1862	19,193,087	168,684	337,368	742,318	562,792	17·6	38·7	29·3
1863	19,398,051	162,958	325,916	797,972	576,471	16·8	41·2	29·7
1864	19,602,736	160,740	321,480	806,927	585,142	16·4	41·2	29·8
1865	19,750,318	153,492	306,984	762,229	598,863	15·5	38·6	30·3
1866	19,692,487	128,051	256,102	763,023	804,338‡	13·0	38·7	40·9†
1867	19,838,970	191,661	383,322	741,987	580,055	19·3	37·4	29·2
1868	20,026,554	182,940	365,880	774,383	571,558	18·3	38·7	28·5
1869*	20,217,531	208,787	417,574	812,474	583,995	20·7	40·2	28·9
1870	20,421,727	199,083	398,166	826,882	598,581	19·5	40·5	29·3
1871	20,601,118	194,591	389,182	820,869	616,729	18·9	39·8	29·9
1872	20,728,929	192,406	384,812	829,250	677,022	18·6	40·0	32·7
1873	20,740,588	194,815	389,630	848,206	811,150§	18·8	40·9	39·1§
1874	20,902,239	189,017	378,034	849,678	662,929	18·1	40·7	31·7
1875	21,105,317	180,349	360,698	862,828	634,088	17·1	40·9	30·0
1876	21,319,544	176,148	352,296	874,623	634,363	16·5	41·0	29·8
1877	21,467,718	161,337	322,674	851,747	677,748	15·0	39·7	31·6
1878	21,614,206	164,233	323,466	854,752	683,661	15·2	39·5	31·6
1879	21,812,654	169,088	338,176	878,035	652,491	15·5	40·3	29·9
1880*	21,981,321	167,200	334,400	850,009	654,253	15·2	38·7	29·7
1881	22,136,223	176,983	353,966	833,467	676,515	16·0	38·7	30·6
1882	22,320,116	183,378	366,756	873,522	686,951	16·4	38·9	30·8
1883	22,493,862	176,016	352,032	858,832	677,337	15·7	38·2	30·1
1884	22,707,875	179,171	353,342	878,321	666,523	15·7	38·4	29·2
1885	22,876,095	175,233	350,466	860,663	689,493	15·2	37·4	29·9
1886	23,070,688	180,191	360,382	876,033	678,458	15·5	37·7	29·2

* Census year.

† Excluding the army.

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

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

TABLE 49.—HUNGARY. Population, Marriages, Births, and Deaths, 1866-86.

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

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS.	DEATHS.	PERSONS MARRIED.	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*	13,541,245	146,272	292,544	566,123	424,106	22.0	42.6	32.0
1870	13,685,852	133,939	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	13,670,624	135,011	270,022	623,849	478,684	19.8	45.6	35.0
1877	13,767,265	125,064	250,128	595,984	499,343	18.2	43.3	36.3
1878	13,859,144	129,346	258,692	592,854	520,975	18.7	42.8	37.6
1879	13,973,166	140,297	280,534	635,746	502,087	20.5	45.3	36.4
1880*	13,728,622	124,860	249,720	597,791	529,379	18.2	42.9	38.6
1881	13,840,157	137,025	274,050	604,262	492,727	19.8	43.7	35.6
1882	13,951,643	141,944	283,888	622,226	510,740	20.3	44.6	36.6
1883	14,130,811	145,004	290,008	640,235	461,067	20.5	45.3	32.6
1884	14,341,276	144,416	288,832	660,036	449,621	20.1	46.0	31.4
1885	—	—	—	—	—	—	—	—
1886	—	—	—	—	—	—	—	—

* Census year.
† Cholera.

TABLE 50.—SWITZERLAND. Population, Marriages, Births, and Deaths, 1868-86.

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

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION, in the middle of each Year.	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born	DEATHS.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1868	2,629,886	17,648	35,296	?	?	13.4	?	?
1869	2,646,115	19,091	38,182	?	?	14.4	?	?
1870*	2,662,344	18,610	37,220	79,208	68,746	14.0	29.8	25.8
1871	2,679,469	19,514	39,028	77,633	74,002	14.6	29.0	27.7
1872	2,697,165	21,212	42,424	80,329	59,758	15.7	29.8	22.2
1873	2,714,860	20,649	41,298	80,569	61,676	15.2	29.7	22.7
1874	2,732,556	22,655	45,310	83,051	60,845	16.6	30.4	22.3
1875	2,750,251	24,629	49,258	87,579	66,113	17.9	31.8	24.0
1876	2,767,947	22,376	44,752	90,786	66,819	16.2	32.8	24.1
1877	2,785,642	21,871	43,742	89,244	65,353	15.7	32.0	23.5
1878	2,803,338	20,590	41,180	87,833	65,311	14.7	31.3	23.3
1879	2,821,033	19,450	38,900	86,180	63,651	13.8	30.5	22.6
1880*	2,838,723	19,413	38,826	84,165	62,223	13.7	29.6	21.9
1881	2,855,975	19,425	38,850	85,142	63,979	13.6	29.8	22.4
1882	2,872,902	19,414	38,828	82,689	62,849	13.5	28.8	21.9
1883	2,889,826	19,696	39,392	81,974	58,733	13.6	28.4	20.3
1884	2,906,752	19,898	39,796	81,571	58,301	13.6	28.1	20.1
1885	2,923,675	20,105	40,210	80,349	61,548	13.8	27.5	21.1
1886	2,940,602	20,080	40,160	80,763	60,061	13.7	27.5	20.4

* Census year.

TABLE 51.—GERMAN EMPIRE. Population, Marriages, Births, and Deaths, 1872-86.

(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 MARRIED.	BIRTHS.	DEATHS.
1872	41,185,000	423,900	847,800	1,626,037	1,194,732	20.6	39.5	29.0
1873	41,632,000	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	1,744,859	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	737,233	1,729,927	1,199,742	15.8	37.0	25.7
1886	47,103,000	372,318	744,636	1,746,079	1,233,684	15.8	37.1	26.2

* Census year.

TABLE 52.—PRUSSIA. Population, Marriages, Births, and Deaths, 1853-86.

(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 MARRIED.	BIRTHS.	DEATHS.
1853	16,987,416	145,345	290,690	633,018	495,092	17.1	37.3	29.1
1854	17,076,553	134,261	268,522	622,917	475,005	15.7	36.5	27.8
1855*	17,202,831	131,911	263,822	593,511	526,154	15.3	34.5	30.6
1856	17,307,264	141,267	282,534	601,005	453,298	16.3	34.7	26.2
1857	17,486,292	162,475	324,950	674,784	493,173	18.6	38.6	28.2
1858*	17,739,913	167,387	334,774	699,354	488,912	18.9	39.4	27.6
1859	17,886,000	150,569	301,138	715,635	462,360	16.8	40.0	25.9
1860	18,136,436	151,847	303,694	699,403	429,968	16.7	38.6	23.7
1861*	18,491,220	146,992	293,984	692,989	467,612	15.9	37.5	25.3
1862	18,639,760	157,118	314,236	692,395	457,736	16.9	37.1	24.6
1863	18,894,400	163,704	327,408	745,226	492,068	17.3	39.4	26.0
1864*	19,255,139	165,590	331,180	758,983	503,279	17.2	39.4	26.1
1865	19,336,242	176,236	352,472	761,298	530,157	18.2	39.4	27.4
1866	19,475,275	151,759	303,518	765,316	664,903†	15.6	39.3	34.1†
1867*	23,971,337	222,466	444,932	884,471	614,211	18.6	36.9	25.6
1868	24,069,379	212,958	425,916	887,810	658,728	17.7	36.9	27.4
1869	24,237,451	216,914	433,828	919,075	632,042	17.9	37.9	26.1
1870	24,405,523	181,539	363,078	938,489	665,942†	14.9	38.5	27.8†
1871*	24,655,730	196,330	392,660	833,250	709,283†	15.9	33.8	28.8†
1872	24,814,203	255,886	511,772	984,270	725,942	20.6	39.7	29.3
1873	25,085,871	253,327	506,654	989,114	699,647†	20.2	39.4	27.9†
1874	25,357,539	245,224	490,448	1,013,139	652,183	19.3	40.0	25.7
1875*	25,742,404	231,331	462,662	1,041,669	679,862	18.0	40.5	26.4
1876	25,921,687	221,727	443,454	1,056,569	660,394	17.1	40.8	25.5
1877	26,299,028	210,357	420,714	1,048,503	672,395	16.3	39.9	25.6
1878	26,536,369	207,716	415,432	1,031,973	686,296	15.7	38.9	25.9
1879	26,843,710	206,752	413,504	1,051,768	666,539	15.4	39.2	24.8
1880*	27,279,111	208,466	416,902	1,028,986	692,920	15.3	37.7	25.4
1881	27,486,980	209,586	419,172	1,012,891	682,354	15.2	36.8	24.8
1882	27,694,849	217,239	434,478	1,036,095	700,326	15.7	37.4	25.3
1883	27,902,718	220,748	441,496	1,028,812	711,364	15.8	36.9	25.5
1884	28,110,588	225,939	451,878	1,051,135	718,223	16.1	37.4	25.5
1885*	28,318,470	230,707	461,414	1,064,645	716,997	16.3	37.6	25.7
1886	28,526,342	231,588	463,176	1,074,298	742,733	16.2	37.7	26.0

NOTE.—Prussia includes Schleswig-Holstein, Hanover, Hesse, and Nassau from the year 1867.

* Census year.

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

TABLE 53.—THE NETHERLANDS. Population, Marriages, Births, and Deaths, 1853-86.

(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. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	3,154,730	24,487	48,974	104,297	77,415	15·5	33·1	24·5
1854	3,180,790	23,855	47,710	104,244	76,475	15·0	32·8	24·0
1855	3,207,065	23,367	46,734	102,815	90,202	14·6	32·1	23·1
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	27,706	55,592	123,789	82,553	15·4	34·3	22·9
1870	3,601,143	28,632	57,264	129,997	93,066	15·9	36·1	25·8
1871	3,627,301	28,991	57,982	128,305	106,974†	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	36·5	25·6
1876	3,837,491	31,699	63,398	142,210	90,187	16·5	37·1	23·5
1877	3,895,124	31,470	62,940	142,618	86,289	16·2	36·5	22·2
1878	3,953,339	30,711	61,422	142,746	90,739	15·5	36·1	23·0
1879*	4,009,448	30,655	61,310	147,014	90,024	15·3	36·6	22·5
1880	4,048,301	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	12·2	34·4	21·0
1886	4,363,434	30,298	60,596	150,851	95,239	13·9	34·6	21·8

* Census year.

† Cholera prevailed in 1859 and 1866, and caused 3,878 and 19,686 deaths respectively; small-pox caused 15,787 deaths in 1871.

TABLE 54.—BELGIUM. Population, Marriages, Births, and Deaths, 1853-86.

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

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. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	4,548,507	30,636	61,272	127,728	100,333	13·5	28·1	22·1
1854	4,585,096	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	31·5	21·7
1869	5,021,336	37,134	74,268	158,687	109,607	14·8	31·6	21·8
1870	5,087,826	35,233	70,526	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	73,923	175,077	114,269	13·7	32·3	21·1
1878	5,476,939	36,669	73,333	172,730	117,721	13·4	31·5	21·5
1879	5,536,654	37,421	74,842	174,641	121,060	13·5	31·5	21·9
1880*	5,520,009	38,926	77,852	171,864	123,323	14·1	31·1	22·3
1881	5,585,846	39,487	78,974	175,411	117,007	14·1	31·4	20·9
1882	5,655,197	39,214	78,428	176,345	114,298	13·9	31·2	20·2
1883	5,720,807	38,666	77,332	174,484	119,196	13·5	30·5	20·8
1884	5,784,958	39,209	78,418	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	124,903	13·4	29·6	21·1

* Census year.

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

TABLE 55.—FRANCE. Population, Marriages, Births, and Deaths, 1853-86.

(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. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1853	36,108,206	280,609	561,218	936,967	795,607	15.5	25.9	22.0
1854	36,249,566	270,696	541,392	923,461	992,779	14.9	25.5	27.4
1855	36,180,248	283,335	566,670	902,336	937,942	15.7	24.9	25.9
1856*	36,139,364	284,401	568,802	952,116	837,082	15.7	26.3	23.2
1857	36,268,793	295,510	591,020	940,709	858,785	16.3	25.9	23.7
1858	36,350,717	307,056	614,112	969,343	874,186	16.9	26.7	24.0
1859	36,445,874	298,417	596,834	1,017,896	979,333	16.4	27.9	26.9
1860	36,484,437	288,936	577,872	956,875	781,635	15.8	26.2	21.4
1861*	37,386,313	305,203	610,406	1,005,078	866,597	16.3	26.9	23.2
1862	37,517,752	303,514	607,028	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	599,153	1,005,880	830,330	15.8	26.6	22.7
1865	38,011,368	299,242	598,484	1,005,753	921,887†	15.7	26.5	24.3†
1866*	38,067,064	303,634	607,268	1,006,258	884,573†	16.0	26.4	23.2†
1867	38,188,749	300,333	600,666	1,007,755	866,887	15.7	26.4	22.7
1868	38,329,617	301,225	602,450	984,140	922,038	15.7	25.7	24.1
1869	38,855,178	303,432	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	828,121	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	894,074	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	841,101	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	38,028,000	283,170	566,340	922,361	836,897	14.9	24.3	22.0
1886	38,218,903	281,193	566,386	912,782	860,222	14.8	23.9	22.5

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 56.—SPAIN. Population, Marriages, Births, and Deaths, 1861-78.

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION.	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	26.6
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
1871-5	—	—	—	—	—	—	—	—
1876	17,455,375	114,327	228,654	579,067	508,439	13.1	33.2	29.1
1877	—	—	—	—	—	—	—	—
1878*	16,634,345	117,693	235,386	608,626	508,399	14.2	36.6	30.6

NOTE.—The Population enumerated at the Census of 1860 was 15,673,536. The estimated Population for subsequent Years has been deduced from the Excess of Births over Deaths registered in each Year. The facts for the five years 1871-75 were not collected owing to the disturbed state of the country; those for the year 1877 and for the years 1879-86 have not yet been finally dealt with. The decline of registered marriages in 1870 is believed to be due to the introduction of civil registration, which occurred during that year.

* Census year.

TABLE 57.—ITALY. Population, Marriages, Births, and Deaths, 1864-86.

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

YEAR.	NUMBERS.					PROPORTION PER 1000 OF THE POPULATION.		
	ESTIMATED POPULATION in each Year. (See Note.)	MAR-RIAGES.	PERSONS MARRIED.	BIRTHS. Exclusive of Still-born.	DEATHS. Still-born.	PERSONS MARRIED.	BIRTHS.	DEATHS.
1864	24,749,861	198,759	397,518	938,795	737,136	16.1	37.9	29.8
1865	24,957,965	226,458	452,916	961,234	746,685	18.1	38.5	29.9
1866	25,188,744	142,024	284,048	980,200	733,190	11.3	38.9	29.1
1867	25,342,515	170,456	340,912	927,396	866,865	13.5	36.6	34.2
1868	25,434,376	182,743	365,486	900,416	777,224	14.4	35.4	30.6
1869	25,615,123	205,287	410,574	952,134	713,332	16.0	37.2	27.9
1870	25,823,437	188,936	377,972	951,495	773,169	14.6	36.8	29.9
1871*	25,964,450	192,839	385,678	960,020	778,798	14.9	37.0	30.0
1872	26,397,746	202,361	404,722	1,020,682	827,498	15.0	37.9	30.8
1873	27,079,946	214,906	429,812	985,188	813,973	15.9	36.4	30.1
1874	27,227,756	207,997	415,994	951,658	827,253	15.3	34.9	30.4
1875	27,386,066	230,486	460,972	1,035,377	843,161	16.8	37.8	30.8
1876	27,625,825	225,453	450,906	1,033,721	796,420	16.3	39.2	28.8
1877	27,890,085	214,972	429,944	1,029,037	787,817	15.4	36.9	28.2
1878	28,110,158	199,885	399,770	1,012,475	813,550	14.2	36.0	28.9
1879	28,323,356	213,096	426,192	1,064,153	836,682	15.0	37.6	29.9
1880	28,481,045	196,738	393,476	957,900	869,993	13.8	33.6	30.5
1881*	28,459,628	230,143	460,286	1,031,125	784,181	16.2	38.0	27.6
1882	28,596,512	224,041	443,082	1,031,994	787,323	15.7	37.1	27.5
1883	28,872,024	231,945	463,890	1,071,452	794,196	16.0	37.1	27.5
1884	29,185,842	239,513	479,026	1,130,741	780,361	16.4	38.7	26.7
1885	29,504,408	233,931	467,862	1,125,970	787,217	15.8	38.1	26.6
1886	29,821,696	233,099	466,193	1,037,600	843,538	15.6	36.5	28.3

NOTE.—The numbers for Rome were first included with those for the Kingdom of Italy in 1872. The population figures given for census years show the numbers enumerated on 31st December in each of those years; whereas for each of the other years the population is estimated to the middle of the year. The populations in inter-census years are somewhat over-estimated, no account having been taken of emigration.

* Census year.