

APPENDIX

FORTIETH ANNUAL REPORT

(1877)

APPENDIX

TO THE

FORTIETH ANNUAL REPORT.

(1877.)

APPENDIX

CONTENTS OF APPENDIX.

	Page.
LETTER to the REGISTRAR GENERAL on the CAUSES of DEATH in ENGLAND in 1877, by WILLIAM FARR, Esq., M.D., F.R.S.	225
PROXIMITY OF POPULATION	231
DENSITY OR PROXIMITY OF POPULATION: ITS ADVANTAGES AND DISADVANTAGES	234
PRESENT PROVISION OF PARKS IN GREAT TOWNS	239
TABLES (MISCELLANEOUS)	248
TABLE of CAUSES OF DEATH in ENGLAND in 1877, classified in accordance with the NOMENCLATURE drawn up by a COMMITTEE appointed by the ROYAL COLLEGE OF PHYSICIANS OF LONDON	279

APPENDIX.

LETTER to the REGISTRAR GENERAL on the CAUSES OF DEATH
in ENGLAND AND WALES, by W. FARR, Esq., M.D., F.R.S.

YEAR 1877.

SIR,

In your Report you show that the mortality in the year 1877 was exceedingly low. Upon examining the causes which have been less than usually fatal, it will be found that there was a considerable decline from 1875 in the zymotic class; a decline also in the class of constitutional diseases, and in the developmental diseases, and a slight decline in the deaths by violence. The class of local diseases was rather unusually in excess of the average.

I.—ZYMOTIC DISEASES.

Diarrhoea was much below the average. It only destroyed 601 lives in 1,000,000, the average being 891. Small-pox (higher than in the preceding four years) was much below the average; so were measles, scarlet fever, croup, whooping-cough, and fever. Rheumatism was unusually fatal, as it had been in the three previous years.

87,043 deaths occurred from zymotic diseases; 79,640 from miasmatic diseases, of which 4278 were caused by small-pox, 9045 by measles, 14,456 by scarlet fever, 2731 by diphtheria, 3910 by croup, 11,358 by whooping-cough. These diseases affect children chiefly, but in different degrees: thus, whooping-cough of the 11,358 victims counted 11,016 under 5 years of age, of whom 5968 were girls, 5048 were boys; croup of 3910 counted 3318 under 5 years of age. Measles was fatal to 8377, out of 9045, under 5 years of age, of whom 4380 were boys and 3997 were girls; small-pox was fatal to 1056, out of 4278, under 5 years of age; scarlet fever to 9377 out of 14,456; diphtheria to 1456 out of 2731. The air passages are easily obstructed in the first years of life, which will account for the excess of deaths from whooping-cough and croup; and also partly for the excess of deaths from measles in the first five years of life. Fever is a type of the diseases that are most fatal in the prime of life; thus of the 6879 deaths from enteric fever at all ages, 1131 were of children under 5 years of age, and 987 were of persons of the age 25 and under 35, the age at which the greatest number of adult deaths are recorded from that form of disease. Diarrhoea is excessively fatal in the first five years of life. Rheumatism is most fatal at the ages 25-35 and 65-75. Erysipelas caused 693 deaths of children under one year of age, and 271 of persons aged 65-75. Enthetic diseases were fatal to 2436 persons; 2085 of whom died of syphilis, 268 of stricture of urethra, 79 of hydrophobia, and 4 of glanders. The deaths from syphilis in the last three years have been 90, 89, and 86 to 1,000,000 living. In the five previous quinquennials the proportions were 37, 51, 64, 82, and 81; so that there has really been an increase in the three years over the two previous quinquennials; but at the same time there is a tendency to decline in the last two years. The great majority of the deaths were of infants in the first year of age; who it is plain had been infected by the parents. It is one of the sad features of

this disease that life is poisoned at its source; and in the efforts that are made to diminish the prevalence of the disease, we must bear in mind that not only the persons who have been guilty of actively propagating the disease are involved, but innocent children are the principal sufferers. 1551 were children in 1877 under one year of age; 171 were one and under 5; and 363 were 5 years of age and upwards of whom 206 were females, and 157 were males. Stricture of the urethra, the result of gonorrhoea in men, was the cause of 268 deaths.

Hydrophobia has been much more prevalent in the last eight years than it was previously. To 1,000,000 living less than one (0.3) death annually was ascribed in the five years 1860-4; in the next two quinquennials the proportion rose to .9 and 1.8 deaths; in the last three years the mortality was 2, 2, and 3. Thus the proportion was ten times as great in 1877 as in the years 1860-4; glanders is rarely fatal, and it shows no increase.

Among dietetic diseases there are some notable changes. Thus the deaths from privation which had been 3.8 declined to 2 in 1,000,000 in the last year. Purpura and scurvy were unusually fatal; the deaths which were 18 in 1,000,000 in the 25 years 1850-74, rose to 22, 26, 31 in the last three years. Alcoholism, which was fatal to 40 in 1,000,000 in the 25 years 1850-74, was fatal to 48, 46, and 47 in the three years 1875-6-7.

Parasitic disease was less fatal in 1877 than in previous years.

II.—CONSTITUTIONAL DISEASES.

Diathetic diseases are less fatal than they were; this decline is due to dropsy which is now frequently classed under heart or kidney diseases by which it is assumed to be caused. Gout is twice as fatal as it was fifteen years ago. There is no doubt that this is partly due to excesses of the table, which are producing more fatal effects every year, and which deserve to be watched with as much attention as alcoholism. Cancer is one of the saddest diseases to which mankind is liable; and it is unfortunately on the increase. In the five quinquennials 1850-74 the annual mortality was 302, 327, 369, 404, and 443 to 1,000,000 living; while in the last three years the annual deaths were 480, 481, and 496. This high mortality well deserves special investigation; and is recommended to the attention of the pathological society. Is there any ground for supposing that it is transmissible from person to person?

There is a decided tendency in tubercular diseases to decline; thus the annual proportion of deaths to 1,000,000 was in the five quinquennials 1850-74, 3655, 3448, 3368, 3326, and 3018: in the twenty years the decline was 637, and in the last three years there has been a further decline which has brought the number down to 2884. Unfortunately there has been a countervailing increase in diseases of the respiratory organs, so that there is reason to suspect that the change is partly due to nomenclature.

III.—LOCAL DISEASES.

The proportional number of deaths due to diseases of the nervous system was 2761 to 1,000,000. The deaths ascribed to apoplexy were 13,283 and to paralysis 11,937. 1509 deaths were ascribed to insanity, by which it must not be understood that this was the total number of insane persons who died in the year; but the number of the insane whose deaths were referable to no other disease. The greatest number of deaths was ascribed to convulsions, 24,147; that is more than one-third of the total of 67,514 deaths referred to the diseases of the nervous system. 19,236 were of infants under one year of age; of whom 11,105 were boys and 8131 were girls.

34,330 persons died of diseases of the organs of circulation. The increase has been great since 1850 when only 11,356 were referred to this

head. In the last year the increase was 2379: 820 deaths were due to aneurism; 708 to pericarditis, carditis, or endocarditis; 452 to angina pectoris, of whom 298 were males, 154 were females; 1908 to syncope; 388 to embolism or thrombosis, of whom 139 were males, 249 were females; 51 to varicose veins, of whom 15 were males and 36 were females. 29,247 deaths were returned simply as from heart disease.

88,543 deaths were ascribed to diseases of the respiratory organs; the greater number, 54,006, to bronchitis, and 23,696 to pneumonia. The mortality from these diseases was 3620 out of 1,000,000 living.

The deaths due to diseases of the digestive organs were 24,603, or 1006 out of 1,000,000 living; 499 deaths were due to ascites, of which 301 were of females, 198 of males; 1094 were the result of hernia, 565 in males and 529 in females.

Of urinary diseases 10,294 persons died; 6659 were males, 3635 females; for obvious reasons these diseases are much more prevalent and fatal in the male than in the female. Bright's disease is the most fatal disease now recognised, and to it 4763 deaths were referred of which the numbers of males and females were 2692, and 2071. Diabetes was fatal to 1006 persons, of whom 663 were males, and 343 were females. To calculus and gravel 245 deaths were directly ascribed, 206 were of males, 39 were of females. To Addison's disease 92 deaths were referred, 51 of males, 41 of females.

To the diseases of the organs of generation 1400 deaths were due, 64 in males, 1336 in females. Among the deaths of males 10 are referred to orchitis, 2 to hydrocele, 36 to disease of perineum. Of the deaths of females 355 are ascribed to ovarian dropsy, 96 to ovariectomy, 762 to disease of the uterus. The deaths due to ovarian dropsy were at a minimum in 1874 when 168 deaths were recorded; the deaths from this disease were 219 in the year 1850. In 1875 a sudden start took place and in that and in the two years following the deaths were 343, 327, and 355. To what is this due? It is impossible to say; but it is possible that in the first years of the introduction of the operation by Spencer Wells, the great care taken in the operation prevented deaths, which, now the operation has become common, are its more frequent consequences.

Diseases of the organs of locomotion occasioned 2373 deaths. Mollities ossium is mentioned as the cause of 18 deaths, five were of boys under 5 years of age, one of a man aged 20-25, 12 were of adult women.

Diseases of the integumentary system caused 2054 deaths, including 444 by phlegmon, 8 by whitlow, 584 by pyæmia, 401 by ulcer, 343 by eczema, 16 by elephantiasis.

IV.—DEVELOPMENTAL DISEASES.

71,906 deaths were due to developmental diseases; including 18,179 to developmental diseases of children, 2116 of adults, 26,078 of old people, and 25,533 to diseases of nutrition. 11,618 of the children's deaths were of children prematurely born; 4470 were referred to teething; 2091 to malformations of various kinds, namely, 844 to cyanosis, 653 to spina bifida. Here note that there is a great excess of males who died of cyanosis, and of females in the deaths from spina bifida. 3443 mothers died of metria, or of the accidents of childbirth, or 3.9 to every 1000 children born alive, the average since 1847 was 5 per 1000.

V.—VIOLENT DEATHS.

17,684 deaths by violence were recorded in the year, and this implies a mortality of 7.23 to 1,000,000; this is lower by 70 than was observed in the year 1875.

There has been a great decrease in the deaths by "burns," which were 138 to 1,000,000 living in 1862 and were 90 in 1877. The decline has

been progressive since 1860-4 when the deaths by burns were 147 in 1,000,000; in the two following quinquennials the deaths were 122 and 107; in the last three years the decline was still more startling; it was 109, 102, and 90. The deaths ascribed to suffocation showed increasing numbers; the proportions were 57, 61, and 67 in the three quinquennials 1860-74; 72, 71, and 69 in the last three years. Fractures and contusions have grown more fatal.

Homicide has been less fatal than it was; suicide was slightly more fatal than it was, the increase being due to drowning. Executions have been more common in the last three years than they were in the three previous quinquennials.

The tables (p. 198-221) show in detail a classification of injuries which proved fatal. The first class shows that 1106 males and 77 females were killed on railways. The Board of Trade returns show 1175 deaths by the same causes in the *United Kingdom*; including 126 of passengers, 642 of officers and servants of the companies, and 407 of trespassers, or suicides, or other persons who met with accidents at level crossings, or from miscellaneous causes. The deaths of passengers, servants, and others returned to the Board of Trade for England and Wales were 959; a number less by 224 than the numbers returned to the Registrar General, which are undoubtedly the more complete of these two returns. It is probable that the whole number of passengers and others who die of the remote consequences of injuries are not returned to the Board of Trade. It will be noticed that few boys were killed on railways, 7 only were under 5 years of age, 28 were 5-10, 54 were 10-15; the greatest number of males, 233, were of the age of 25-35. Of the 77 females, 6 were under 5 years of age, 5 were 5-10, and 6 were 10-15, 8 were of the age of 25-35, 17 of the age 35-45, 5 of the age 45-55, 10 of the age 55-65, 9 of the age 65-75, and 3 of the age 75-85. It is plain from these returns that the travellers killed by railways are chiefly men, most of whom are in the prime of life.

909 males died of injuries in mines; 823 in coal mines and 86 in mines of copper, tin, iron, or other minerals; only 4 women, two of whom committed suicide by throwing themselves down shafts, were killed in mines. It is worthy of remark that while 72 men died by explosion, 2 by burns, and 61 by choke-damp, 399 were killed by the fall of coal, stone, &c., and 53 were crushed. All these deaths occurred to adult men in coal mines.

5049 males and 1396 females died of mechanical injuries of various kinds. Of the numbers so returned, 243 males were killed by injuries from horses and other animals; 43 by carriages, 26 by omnibuses, 14 by tram cars, 33 by cabs, 325 by vans or waggons, 26 by drays, 535 by carts, and 71 by other conveyances. Thus it will be found that of males 1073 were killed by horse conveyances, and 243 by horses, making in the aggregate 1316; of females only 18 died of injuries from horses, 189 from horse conveyances; 1523 were the total deaths from horses or horse conveyances, which thus exceed the deaths by railways. More persons are perhaps exposed to accidents of that kind than the travellers on railways. If a new means of conveyance has been introduced by the bicycle, a new cause of death has also been introduced: one child and five men died by bicycles.

By chemical injuries 1445 males and 1344 females died. Burns and scalds make up the majority of cases; they constitute, exclusive of deaths by explosions and by lightning, 2049 of the deaths. 559 males died of burns, 359 of scalds; 824 females died of burns, and 271 of scalds; one man, 20 boys, and 15 girls died by drinking scalding water. The girls wear combustible dresses of cotton or linen; the boys wear woollen dresses, which are, comparatively speaking, incombustible: this accounts for a difference of 265 deaths in the deaths by burns. Ten men and 2 women died by lightning; 67 males died by sunstroke, 15 females died

of the same cause; 86 deaths of males, 32 deaths of females, were ascribed to gelatio or cold.

311 males and 173 females died of poisoning: 46 males and 12 females by lead; 20 males and 11 females by carbolic acid; 38 males and 25 females by laudanum and syrup of poppies; 25 males and 11 females by alcohol.

There were 2728 deaths of males by drowning, of whom 169 were drowned while bathing, 2 while skating or sliding, 76 by upsetting of boats. One female was drowned while bathing, 8 were drowned by upsetting of boats: in all 666 females were drowned. Thus 3394 persons were drowned whose deaths were registered. This is exclusive of many of the merchant seamen and men and officers in Her Majesty's Navy drowned.

347 deaths were homicides; a great part of them were infanticides, namely 78 boys, and 64 girls; thus leaving 205 deaths by murder and manslaughter. There were only 14 killed by human agency out of 1,000,000 living; or one in 1427 of the deaths were caused wilfully by criminals.

Violent Deaths and Homicides in Italy and in Eleven other Countries.

This presents a considerable contrast with what is observed in Italy. There the homicides amounted in 1876 to 1504*; against 412 recorded in England and Wales during that year. Thus to 1,000,000 of population there were 54 homicides in Italy against 17 in England. If we had the same proportion the homicides would have amounted to 1309 in England and Wales. In Rome the proportion is much higher: it is 141 in Rome, in Sicily 137. The practise of assassination is thus shown to yield these terrible results.

Although the results in England are so much more favourable as regards homicide than in Italy, it is the reverse with other violent deaths: there the violent deaths in 1876 were 6656 against 18,358 (exclusive of executions) in England; or 240 in 1,000,000 of population in Italy against 757 in England.

If we deduct the 1024 suicides and 1504 homicides, there will remain 4128 violent deaths in Italy; from which we deduct also 47 deaths from intemperance, and 6 from hydrophobia and bites of vipers, and one by privation. To render them comparable with the English returns we obtain 4074 which are thus accounted for:—

Deaths by Violence in Italy in 1876.

Drowning	- - - - -	1324
Suffocation	- - - - -	137
Explosions	- - - - -	131
Burns	- - - - -	337
Lightning	- - - - -	147
Falls	- - - - -	1109
Crushes from falls of fabrics, trees, earth	- - - - -	332
Horse and horse conveyances	- - - - -	167
Railways	- - - - -	84
Agricultural machinery	- - - - -	34
Violence of animals	- - - - -	68
Avalanches	- - - - -	7
Injection of poisonous substances	- - - - -	34
Unknown and various causes	- - - - -	163
		<hr/>
		4074
		<hr/>

* The homicides are thus classified according to the returns made to the "Stato Civile": involuntari 285; voluntari 1163; infanticide 56. They are little more than half the number given by the Judicial Statistics. There is no coroner's inquest in Italy.

Upon comparing these with the English returns the difference is evident. There are no mines in Italy; and the physical forces set in motion by coal are much less than in England and Wales. The railway accidents and burns are less fatal there than in this country. Upon looking back to the state of England in the last century we shall find a state of things very like what is prevalent now in Italy, and our progress in the industrial arts has been accompanied by hecatombs of deaths which it becomes necessary to endeavour to avert by special measures. The genius of the country has been directed to the achievement of certain works, and has never asked at what expense of life. The time has come to ask at what cost? and to consider carefully how life may be saved. For though there are fewer homicides in England and Wales than in Italy, it must be recollected that the lives are equally sacrificed by negligence as if they were taken by the red hand of the murderer. The 574 lives lost in the "Princess Alice" were lost to the country as completely as if they had been deliberately sunk in the Thames. Then does it not follow that the thousands of lives lost in England are of little less importance than if they fell under the hand of the assassin? The mine inspectors and the railway inspectors are well employed if they suggest improvements by which life may be saved; and the same analogy would lead us to try how far similar minds may be directing to the suggesting ways of saving life. The medical health officers will be well employed in this direction.

It will be seen in the annexed table that the United Kingdom is at the head of every country except Switzerland in the number of violent deaths. The avalanches and falls down precipices no doubt give Switzerland its fatal pre-eminence.

TABLE showing the POPULATION in 1876, and the NUMBER of DEATHS from VIOLENCE, distinguishing those from SUICIDE, HOMICIDE, and ACCIDENT in each of the under-mentioned COUNTRIES.

COUNTRIES.	Population, 1876.	Deaths from Violence.	Suicide.	Homicide.	Accident and Negligence.	Proportion to 1,000,000 living.			
						All Causes of Violent Deaths.	Suicide.	Homicide.	Accident and Negligence.
Switzerland - - -	2,759,854	2,550	540	109	1,901	924	196	39	689
United Kingdom† -	33,304,490	25,798	2,052	533	23,213	775	62	16	697
England & Wales -	24,244,010	18,358	1,770	412	16,176	757	73	17	667
Scotland* ‡ - -	3,495,214	2,516	128	4	2,384	720	37	1	682
Ireland - - - -	5,321,618	2,083	111	88	1,884	391	21	17	363
Norway* - - - -	1,787,960	1,295	126	23	1,146	724	70	13	641
Finland* - - - -	1,883,556	1,179	64	66	1,049	626	34	35	557
Sweden - - - -	4,429,713	2,740	409	88	2,243	619	92	20	507
Prussia* - - - -	25,693,677	15,815	3,432	547	11,836	616	134	21	461
Bavaria - - - -	5,062,125	2,629	522	198	1,909	519	103	39	377
Belgium - - - -	5,336,185	2,577	439	85	2,053	483	82	16	385
Austria - - - -	21,565,435	10,150	2,438	—	—	471	113	—	—
Italy - - - -	27,769,475	6,656	1,024	1,504	4,128	240	37	54	149

* The above facts given for Norway are for the year 1873, for Scotland 1875, for Finland 1874, and for Prussia 1875.

† The figures for the *United Kingdom* relate to the population inclusive of the Royal Navy and Merchant Service.

‡ The difference between Scotland and England may be partly accounted for by the returns for England being made by coroners juries and in Scotland by the sheriff substitute: of 439 persons apprehended for murder or manslaughter, and 417 cases of inquest in which the verdict was murder, or manslaughter, or homicide, 247 prisoners were committed for trial in England.

PROXIMITY OF POPULATION.

I am indebted to Dr. Robertson of Edinburgh for the following communication:

"In letters that have reached the Registrar-General of Scotland some doubts have been expressed as to the accuracy of the formula connecting Density with Proximity. Dr. Farr has most kindly communicated to the Statistical Superintendent the following full account of the mathematical reasoning which originally led him to the establishment of the formula, and which may be regarded as a demonstration of its accuracy:—

' DENSITY AND PROXIMITY.

'The density of the population is determined by dividing the population of the country or district by the area. Prony calls this the specific population. It may be described thus:

$$d = \frac{P}{A}, \text{ where } P \text{ represents the population and } A \text{ the area.}$$

'It is assumed that the population is evenly distributed over the area.

'Now, let a be the area to each person; then $a = \frac{A}{P}$; it is the

reciprocal of d , or $a = \frac{1}{d} = \frac{A}{P}$. This a may be called the *areality*.

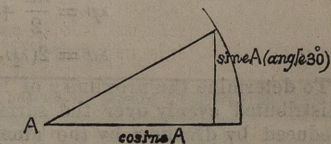
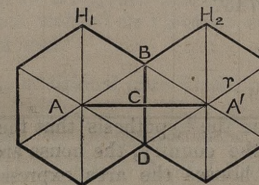
'Now, upon the same hypothesis of even distribution over the area, what is the *proximity* of person to person?

'In England the areality (in 1878) is 7267 square yards to each person; for the population is 24,854,397, and the area is 58,311 square miles, or 180,625,029,640 square yards. So areality, or $a = 7267$ square yards. If areality is 7267 square yards, then proximity is 91,604 linear yards.

'Any other unit might be taken to express the proximity and the areality. But if the areality is expressed in square miles, the proximity must be expressed in linear miles; if in square yards in linear yards; if in square metres in linear metres. The yard or the metre is the most convenient unit by which to express the proximity.

' PROXIMITY.

'To explain its derivation from the given *areality*. All the persons of the population may be conceived as in the centre of plots of ground in equal hexagonal forms; then if the area of the hexagon is known the mean distance from person to person is known. The proximity is a function of the areality.



'Strike a circle with radius r , then inscribe therein a hexagon H_1 with the side r in the usual way; construct six similar hexagons on the six sides. The line AA' from the centre A of H_1 to the centre A' of H_2 represents the proximity p ; $AA' = AC + CA'$ where $AC = CA'$.

' And as $AC = r \cos 30^\circ, p = 2r \cos 30^\circ,$
 Now $BC = r \sin 30^\circ; \text{ and } BD = 2r \sin 30^\circ,$
 And $r = \frac{p}{2 \cos 30^\circ} = \frac{p}{2 \times \frac{\sqrt{3}}{2}} = \frac{p}{\sqrt{3}}. \text{ (Equation 1)}$

' The area of the triangle

$$ABD \text{ is } BD \times \frac{AC}{2} = r^2 \sin 30^\circ \cdot \frac{\cos 30^\circ}{2} = r^2 \sin 30^\circ \cdot \cos 30^\circ;$$

but there are six similar triangles in the hexagon (H_1), the area of which is therefore—

$$a = 6r^2 \sin 30^\circ \cdot \cos 30^\circ.$$

But $r \sin 30^\circ = \frac{1}{2}r; \text{ and } r \cos 30^\circ = \frac{\sqrt{3}}{2}r;$

$$p = 2r \cos 30^\circ = 2 \cdot \frac{\sqrt{3}}{2}r = \sqrt{3}r. \therefore r = \frac{p}{\sqrt{3}}.$$

' By substituting for r its equivalent $\frac{p}{\sqrt{3}}$ in equation 1, we have instead of

$$a = 6r^2 \sin 30^\circ \cdot \cos 30^\circ = 6 \cdot \frac{1}{2} \cdot \frac{\sqrt{3}}{2} r^2; a = \frac{6p^2}{3} \cdot \frac{1}{2} \cdot \frac{\sqrt{3}}{2} = \frac{\sqrt{3}}{2} p^2.$$

$$\text{And } p^2 = \frac{2}{\sqrt{3}} a = \frac{2}{3^{\frac{1}{2}}} a;$$

taking the square root of both sides, $p = \frac{2^{\frac{1}{2}}}{3^{\frac{1}{4}}} a^{\frac{1}{2}} = \left(\frac{4}{3}\right)^{\frac{1}{4}} a^{\frac{1}{2}}.$

' Thus, putting $\frac{2^{\frac{1}{2}}}{3^{\frac{1}{4}}} = \left(\frac{4}{3}\right)^{\frac{1}{4}} = c,$ which is a *constant*, and is equal to

the square root of 2 divided by the fourth root of 3, or to the fourth root of 4 divided by the fourth root of 3, the formula is reduced to the simplest form:— $p = ca^{\frac{1}{2}} =$ proximity when areality (a) is given; and $a = \left(\frac{p}{c}\right)^2 =$ areality when p is given.

' Thus the proximities vary as the square roots of the arealities; the arealities as the squares of the proximities; precisely as the areas of circles vary as the squares of their radii.

' By logarithms—

$$\lambda c = \frac{\lambda 4 - \lambda 3}{4} = .0312347$$

$$\text{and } c = 1.07457$$

$$\lambda p = \frac{\lambda a}{2} + \lambda c$$

$$\lambda a = 2(\lambda p - \lambda c).$$

' To determine the proximity of houses on the hypothesis that they are all distributed evenly over the surface of the country, the house areality is deduced by dividing by the number of houses the area expressed in square units.

' Let the *house-areality* be expressed by a' , and if there are 5 persons to a house, as

$$a = \frac{A}{P} \text{ and } P = 5H; \text{ then } a' = 5a.$$

' The proximity of the houses (p') is thus determined from the proximity of the population by substituting a' for a in the previous formula.

$$\text{And } p' = a'^{\frac{1}{2}} c = (5a)^{\frac{1}{2}} c = 5^{\frac{1}{2}} a^{\frac{1}{2}} c = 5^{\frac{1}{2}} p.$$

' And generally, to obtain the proximity of houses from the proximity of population (p), multiply the latter by the square root of the mean number of persons to a house—say n : $\therefore n^{\frac{1}{2}} p = p'.$

' W. FARR.'

"The following independent and original demonstration of the truth of the formula the Statistical Superintendent owes to the kindness of Professor Tait. In regard to this demonstration it is right to explain, that it was communicated before Professor Tait was made aware of the process followed by Dr. Farr in establishing the formula:—

' Taking a hexagonal distribution, let $n + 1$ be the number of points on each side (including both ends), then

$$\text{Whole number of points} = 1 + 6 \frac{n(n+1)}{1 \cdot 2}.$$

' But those at the corners (6) belong each to only two triangles in the hexagon and to four external ones. They count therefore only as $\frac{2}{6} \times 6$. Those on the sides but not at corners ($6(n-1)$) belong to as many outer as inner triangles, and therefore count only as $3(n-1)$. Hence, subtracting $3(n-1)$ and $\frac{4}{6} \times 6$ from the above number, we have

$$\text{Virtual number of points} = 1 + 3n \frac{n+1}{n+1} - 3n - 1 - 4 = 3n^2.$$

' Also, the number of triangles in the hexagon is evidently $6n^2$.

$$\text{Thus, } \frac{\text{No. of points}}{\text{No. of triangles}} = \frac{3n^2}{6n^2} = \frac{1}{2}.$$

' But the area of one triangle, if l be the length of side, is $\frac{l^2}{4} \sqrt{3}$.

$$\text{Thus, } \frac{\text{No. of points}}{\text{Area of hexagon}} = \frac{1}{l^2 \frac{\sqrt{3}}{2}}.$$

This is the reciprocal of the 'mean area to each person,' what Farr calls a .

$$\text{Hence } a = l^2 \frac{\sqrt{3}}{2}, \text{ or } l = \frac{2^{\frac{1}{2}}}{3^{\frac{1}{4}}} a^{\frac{1}{2}}.$$

' Hence it appears that l is what Farr calls p or proximity.

' This method is rigorous even when $n = 1$, so that it applies to any form of area.'

In an additional note Professor Tait writes:—

' Still better, and I don't think to be farther improved.

' Take one equilateral triangle. Its three corners count each for $\frac{1}{6}$ th only, being common to other five triangles.

' Hence $\frac{\text{points}}{\text{triangles}} = \frac{\frac{1}{6} \cdot 3}{1} = \frac{1}{2}$, and the same holds good for any number of such triangles grouped together.'

DENSITY OR PROXIMITY OF POPULATION: ITS ADVANTAGES AND DISADVANTAGES.

Dr. Chervin, in a periodical of great merit,* points out the fact that Carey, Schaeffle, and Herbert Spencer have not succeeded in applying statistics to their theory of sociology. In our social science we were more fortunate. It is true that in many branches of social science we have to forego the use of analysis; but to others analysis has been successfully applied. I propose to illustrate one of these applications.

The population is distributed over the face of the earth in town and country; and I will consider here some of the advantages and disadvantages of the two kinds of distribution. To do this we must, for mathematical purposes, use terms more precise than town and country: and density—usually of population—has been the term employed. For instance, the density of population in England (1861-70) was 367 persons to a square mile. This implies that England is divided into 58,311 square miles; and that on each square mile there are 367 persons. The density of population on every square mile is different, but taken in the aggregate this is the mean density.

We can conceive the mean population of England in 1861-71 (21,389,245) distributed over 37,319,221 acres, or one person to every 1.74 acres. Thus, imagine the population distributed in the centre of circles—or rather hexagons—of the area of 1.74 acres; then every person must be a certain number of yards from his neighbour: this distance I propose to call the proximity. The proximity of the people of England—their nearness to each other—is now (in 1876) 93 yards.

The advantage of residence in towns—of proximity of people to each other—is evident. Man is a sociable animal; and naturally in his workshop meets his fellow-man. It is, perhaps, impossible to enumerate all the ways in which men derive pleasure or benefits from frequent intercourse with each other; but it is possible to determine the sum of their gratifications by an economical test. What do they give per acre for the ground on which they live in country and town? You will find as from the country you approach the centre of the town the value of the land increases; thus it is 25*l.*, 50*l.*, 100*l.*, 200*l.*, 400*l.*, 800*l.*, 1600*l.* per acre. Now, on what score are these additional sums demanded or given? Is it not that men derive advantages from living near to each other?

There are countervailing disadvantages to which I shall now invite your attention. The first disadvantage strikes every one that comes from the country; and is embodied in Cowper's line—

“God made the country, and man made the town.”

In the country you are surrounded by fields, by trees—in hill or vale; there the breezes coming from sea, shore, or mountain have free play. The atmosphere is redolent of ozone. In the town, this is wanting. Angus Smith, by chemical tests, proves the air is different. You know that nitrogen and oxygen are everywhere nearly the same in proportion; but carbonic acid varies with the density of population, and there are exhalations—smokes—of various kinds from dead matter, as well as from living bodies. Every town has an atmosphere of its own. Nay, every street has its own peculiar atmosphere. I was going to say that every living being has its own atmosphere.

Now, this atmosphere becomes in certain proportions deleterious, and I will proceed to show that as the population becomes more dense—within certain limits—this deleteriousness is expressed by the mortality. For example, if we arrange the 619 districts of England and Wales in groups according to the rates of mortality, we find that the 18 groups follow this

* Annales de Démographie Internationale, No. 5. Article.—Sociologie et Statistique, pp. 75-96.

law; the rate of mortality increases as the density of population increases.* Thus at one end of the scale the deaths per 1000 of population are 15, 16, 17; at the other end of the scale, 31, 33, and 39; the acres to a person in the corresponding districts are 12, 4, and 3; and .01, .05, and .01. The intermediate rates of mortality are 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, and 29; the acres to a person are 4.0, 3.3, 2.9, 2.1, 1.1, 1.0, 0.5, 0.2 and .02.

Now, excluding the London districts, about which there is some difficulty, we have seven groups of districts where the mortality ranges thus: 17, 19, 22, 25, 28, 32, and 39. In the same districts the numbers of persons to a square mile are—166, 186, 379, 1718, 4499, 12,357, and 65,823. Thus in Liverpool, the densest and the unhealthiest district in England, there were 65,823 persons to a square mile; of whom 39 per 1000 died annually. This series of facts may be put in a different way: the nearer people live to each other the shorter their lives are. Thus, the proximity of people in 53 districts is 147 yards, the mean duration of life is 51 years; in 345 districts the proximity is 139 yards, and the mean duration of life is 45 years; in 137 districts the proximity is 97 yards and the mean duration of life is 40 years; in 47 districts the proximity is 46 yards, and the mean duration of life is 35 years; in 9 districts the proximity is 28 yards, and the mean duration of life is 32 years; in Manchester district the proximity is 17 yards, and the mean duration of life is 29 years; in Liverpool district the proximity is 7 yards, and the mean duration of life is 26 years.†

This is a determined law; and the duration of life being given in one set of conditions, the duration of life in another set of conditions is determined from the proximities.

$$e' = e \left(\frac{p'}{p} \right)^{.23996}; \quad 35 = 45 \left(\frac{46}{139} \right)^{.24}$$

applied to the districts where the mean lifetime is 45 and the proximity 139 yards enables us to determine the lifetime where the proximity is 46 yards.

We will now draw some inferences from this law: that proximity and shortness of life go together.

(1.) The question is of the highest importance to England. Every town is surrounded by circles of new houses; and at every census villages are found grown into new towns. Thus, in the last three censuses, the town population was set down at 8,990,809, 10,960,998, and 14,041,404; and to England and Wales 2,000,000 of people have probably been added since the census of 1871, the greater part of whom will be found in the towns.

Now, according to our law, this should imply an increase of mortality; and no doubt such an increase would have been observed, had there not been a countervailing law in operation.

(2.) The mortality was at the annual rate per 1000 in the last three decennials of 22.36 in 1841-50, 22.24 in 1851-60, and 22.51 in 1861-70. In the last seven years, 1871-7, the mortality was at the rate of 21.64, or .87 per 1000 less than in the ten years last quoted. Thus we may hope that there is a reduced mortality in the last seven years; and that thus about 20,000 lives are saved annually.

(3.) While the population has increased, the atmosphere has become purer; and this should encourage us to persevere in our efforts in the same direction.

* The mortality and the density are for the ten years 1861-1870. See Supplement to Registrar-General's 35th Report, p. cli. to clxii.

† It has been found that the mean duration of life of a people (by the English and other Life Tables) is nearly equivalent to the reciprocal of the death-rate minus one-third of the difference between the reciprocal of the death-rate and that of the birth-rate; and the above values were determined in this way. Thus the birth-rate in the group of 53 districts was .03022 and the death-rate .01675; so

$$\frac{1}{.01675} - \frac{1}{3} \left(\frac{1}{.01675} - \frac{1}{.03022} \right) = 59.7 - \frac{1}{3} (59.7 - 33.0) = 51.$$

(4.) The law of proximity would lead us to lay down some standard, and to fix some invariable rule, that beyond a certain density, no further houses should be built on the town areas. Thus, in 23 towns of the United Kingdom, there are 38 persons to an acre; and if such was the standard, where would Liverpool be with its 102 persons to an acre; where would Glasgow be with its 94 persons; Manchester with its 84 persons; Edinburgh and Plymouth with their 53 persons to an acre?

(5.) It is certain that the most effective means of reducing the mortality is to thin the dwellings in the dense parts of the towns; to abolish under Mr. Cross's Act, all the rookeries, and not to rebuild them.

(6.) Simultaneously to put a stop to much of the smoke, and to the sewage gases which are poured into the air the population breathes.

(7.) The law might enact for the future that squares and parks should be left in the area of every town; as these spaces are indispensably required for the health of the population.

(8.) And for the present time the whole of the available land should not be built over, but spaces be appropriated for parks wherever they can be procured. Miss Vernon's paper in the transactions of the Social Science Association will throw much interesting light upon this subject.

(See Diagram on opposite page.)

TABLE A.—PROXIMITY OF POPULATION.

Five hundred and ninety-three districts of England and Wales are arranged in seven groups in the order of mortality. The districts of London are excluded.

	Proximity of the Population (in yards).	Number of living out of which one will die annually.	Mean duration of Life.
Liverpool - - - -	7	26	26
Manchester - - - -	17	31	29
9 Districts - - - -	23	36	32
47 Districts - - - -	46	40	35
137 Districts - - - -	97	46	40
345 Districts - - - -	139	53	45
53 Districts - - - -	147	60	51

TABLE B.—STATES OF EUROPE, 1876.

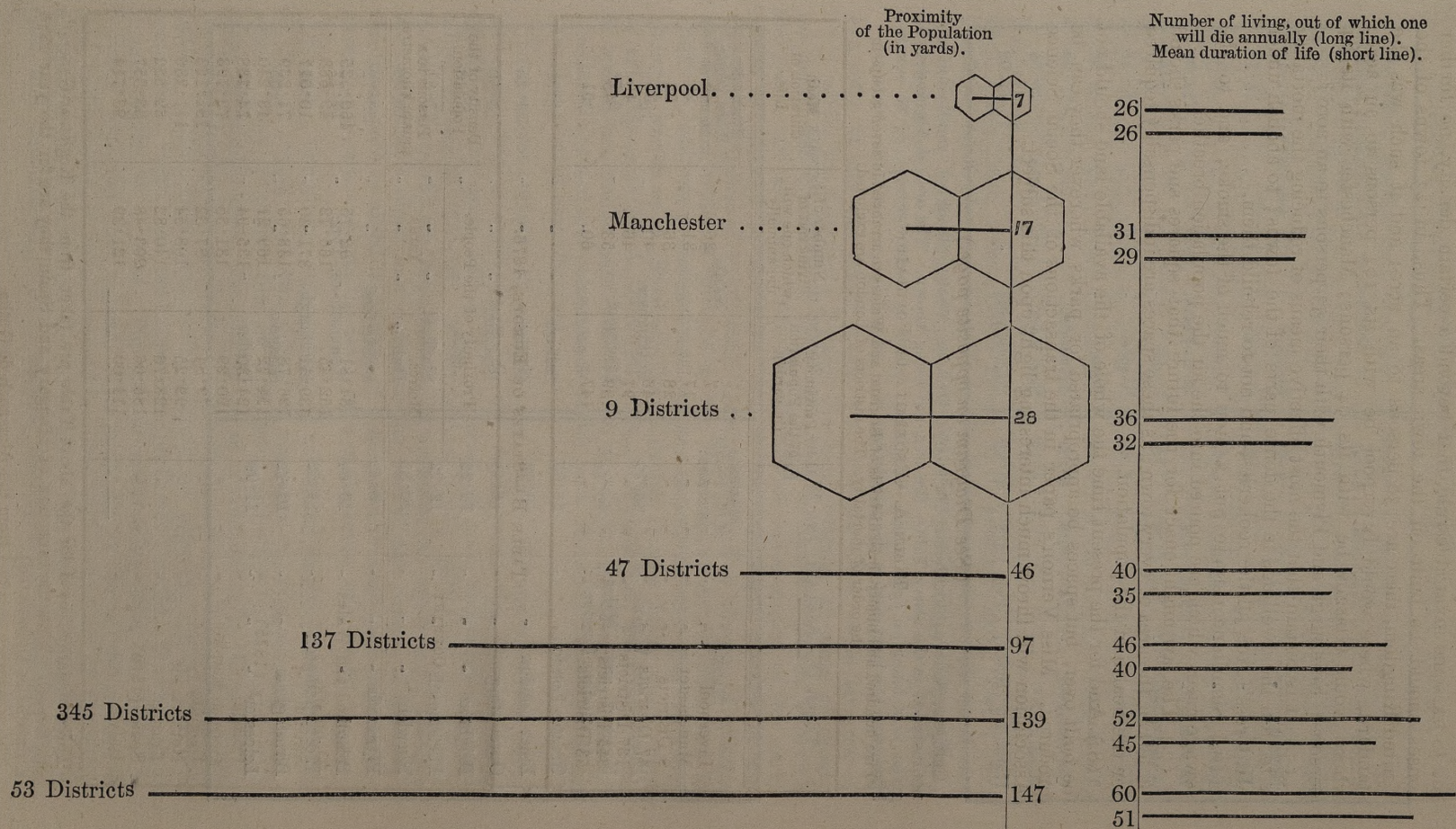
COUNTRY.	Proximity of the People.		Density of the Population.
	Metres.	Yards.	Persons to a square kilometre.
England and Wales - - - -	84·81	92·75	160·535
Denmark - - - - -	152·45	166·72	49·683
Sweden - - - - -	339·51	371·30	10·017
Austria - - - - -	126·78	138·65	71·839
Hungary (1875) - - - -	154·72	169·21	48·240
Prussia - - - - -	124·30	135·94	74·738
German Empire - - - -	120·29	131·55	79·793
Belgium - - - - -	79·84	87·32	181·163
Netherlands - - - - -	99·25	108·54	117·236
France - - - - -	128·76	140·82	69·652
Spain (1870) - - - - -	186·06	203·48	33·357
Italy - - - - -	111·00	121·39	93·714

The Populations used for the above Table are taken from the Registrar-General's 39th Report. With the exception of Hungary and Spain they are for the year 1876 (estimated or enumerated).

The areas were obtained from the Almanach de Gotha.

FORMULA.

$$p = \left(\frac{4}{3}\right)^{\frac{1}{2}} a^{\frac{1}{2}}, \text{ where } p = \text{Proximity, and } a = \text{Area to each Person. } \left(\log. \left(\frac{4}{3}\right)^{\frac{1}{2}} = \cdot 0312347\right)$$



NOTE.—Given the mean duration of life (e) in an area with a stated proximity (p), the mean duration of life (e') in another area with a different proximity (p') can be calculated approximately by the formula $e' = e \left(\frac{p'}{p}\right)^{.24}$.

TABLE C.—FOREIGN TOWNS.

TOWN.	Date at which the Population is taken.	Proximity of the People in metres.	TOWN.	Date at which the Population is taken.	Proximity of the People in metres.
Bombay - -	1872	9·29	Breslau - -	Jan. 1878	11·43
Madras - -	—	14·25	Munich - -	"	16·38
Paris - -	1876	6·73	Vienna - -	"	9·37
Brussels - -	Jan. 1878	7·70	Buda-Pesth - -	"	25·93
Amsterdam - -	Feb. 1878	7·40	Rome - -	"	7·60
Rotterdam - -	"	7·63	Naples - -	"	11·56
The Hague - -	"	15·42	Turin - -	"	9·50
Copenhagen - -	Jan. 1878	8·32	Alexandria - -	—	17·44
Berlin - -	"	8·19	New York - -	1878	10·64
Hamburg (State) - -	Feb. 1878	33·08	Philadelphia - -	"	21·02

Calcutta, Geneva, Stockholm, Christiania, Dresden, Venice, Brooklyn, and Boston are not included in the above Table, the area not being known. The area of Alexandria is given in a letter as 5586 square kilometres, which is clearly wrong; 55·86 square kilometres has been used in the calculation.

TABLE D.—ENGLAND AND WALES, AND TOWNS OF GREAT BRITAIN AND IRELAND, 1878.

NAME.	Proximity of the People in metres.	NAME.	Proximity of the People in metres.
England and Wales - -	83·76	Nottingham - -	16·78
England and Wales } (excluding London) }	90·44	Liverpool - -	6·76
Greater London - -	21·65	Manchester - -	7·46
Inner London - -	9·92	Salford - -	11·91
Outer Ring - -	44·41	Oldham - -	14·25
Brighton - -	10·29	Bradford - -	13·50
Portsmouth - -	12·72	Leeds - -	18·18
Norwich - -	20·31	Sheffield - -	17·81
Plymouth - -	9·42	Hull - -	10·90
Bristol - -	10·04	Sunderland - -	10·72
Wolverhampton - -	14·62	Newcastle-on-Tyne - -	13·17
Birmingham - -	10·12	Edinburgh - -	9·39
Leicester - -	11·09	Glasgow - -	7·05
		Dublin - -	12·21

PRESENT PROVISION OF PARKS IN THE GREAT TOWNS.

To show the present provision of parks in the great towns of the country, queries were addressed to the authorities, and replies, of which the following is a digest, have been furnished by Edward Hornsby, Esq., Secretary, Board of Public Works, Dublin; by Joseph Rayner, Esq., Town Clerk, Liverpool; by Dr. Robertson, M.D., F.R.S.E., Edinburgh; by William Price, Esq., Town Clerk, Bristol; by Dr. Russell, M.D., Medical Officer of Health, Glasgow; by J. A. Freeman, Esq., Town Clerk, Brighton; by J. E. Wakefield, Esq., Clerk of the Metropolitan Board of Works, Spring Gardens, London; by W. T. McGowen, Esq., Town Clerk, Bradford; by W. H. Talbot, Esq., Deputy Town Clerk, Manchester; by E. J. Hayes, Esq., Town Clerk, Birmingham; by C. C. Whiteford, Esq., Town Clerk, Plymouth; by G. W. Morrison, Esq., Town Clerk, Leeds; by J. Storey, Esq., Town Clerk, Leicester; by S. G. Johnson, Esq., Town Clerk, Nottingham; by C. Moorhouse, Esq., Town Clerk, Salford; by H. Booth, Esq., Town Clerk, Oldham; by W. Snowball, Esq., Town Clerk, Sunderland; by C. S. Todd, Esq., Town Clerk, Hull; by R. P. Philipson, Esq., Town Clerk, Newcastle-on-Tyne; by J. Yeomans, Esq., Town Clerk, Sheffield; by J. Howard, Esq., Town Clerk, Portsmouth; by H. B. Miller, Esq., Town Clerk, Norwich; and by H. Underhill, Esq., Town Clerk, Wolverhampton.

DUBLIN contains 10,050 acres, and an estimated population in 1879 of 314,666; it has one public park, viz., Phoenix Park, with an area of 1753 acres, the Glasnevin Botanic Gardens covering an area of nearly 40 acres, and a lawn of 3 acres belonging to Leinster House, to which the public are admitted. The annual cost of maintenance of the park, which is situated to the west, and in the immediate vicinity of the city, is 6768*l.*, that of the Botanic Gardens, *excluding* the pay of officials and workmen, which is defrayed by the Science and Art Department, is 986*l.* In addition to the park and gardens, there is an open space of about 40 acres, known as St. Stephen's Green, which is now being ornamented at the expense of Sir A. Guinness, Bart., M.P., and will, when completed, be opened as a public park. It will be vested in the Commissioners of Public Works and maintained as a public park from 1st July 1879, at an annual estimated cost of 1,400*l.*

EDINBURGH contains an area of 4191 acres, and an estimated population in 1879 of 226,075; it has one royal park, viz., Queen's Park, containing 407 acres, and about 145 acres of park and meadow ground which belong to the city. Music is occasionally performed by military bands. The parks are frequented by all classes of the population. Queen's Park is situated about half a mile to the east of the centre of the city; the other park is about a quarter of a mile to the south, and the meadow ground is nearly a mile to the north-west of the centre of the city.

BRISTOL, containing an area of 4452 acres, and an estimated population in 1879 of 209,947, has two downs or commons covering an area of 442 acres. They are thickly planted with thorn and other bushes and contain many fine timber trees, but nothing of an ornamental style, the prevailing idea being to preserve the down or common character, and avoid that of a garden. Clifton Down was settled without any payment, subject to certain commonable rights; and the Corporation purchased Durham Down, subject to such rights for 15,000*l.* The cost of maintaining these two downs is between 500*l.* and 600*l.* a year. The property in the neighbourhood is said, undoubtedly, to have increased in value, both on account of the many advantages the downs afford, and the certainty that they will always remain open and unenclosed. In the summer months music is constantly per-

formed by itinerant bands, and others partly supported by the inhabitants. The downs are frequented by all classes of the population, and form one of the chief attractions to Clifton as a health resort. They lie in a north-westerly direction and within two miles from the centre of the city.

LIVERPOOL, containing an area of 5210 acres, and an estimated population in 1879 of 538,338, has four parks covering an area of 525 acres. They are planted and ornamented. The original cost of two of the parks including the building land was 573,382*l.*, but the cost of the other two cannot be obtained, as they were formed out of the Corporate Estate, and not purchased separately for this specific purpose. The annual cost of maintenance of the four parks is about 8050*l.* Music is generally performed by the band of the Liverpool police force, and by the bands of various volunteer corps. The parks are frequented by all classes of the population, and, it is believed, have contributed to the health of the neighbourhood. The parks are situated south-east, north-east, and east, at an average distance of about one mile and a quarter from the centre of the town.

GLASGOW contains 6033 acres, and an estimated population in 1879 of 578,156; it has four parks covering an area of 447 acres, about one-fourth of which is planted with trees, shrubs, and flowers. The parks were purchased by the Town Council of Glasgow as trustees under "The Glasgow Public Parks Act, 1859," and "The Glasgow Improvement Act, 1866," at a cost, including expense of formation, of 310,000*l.* The annual cost of maintenance of the parks, (together with 9000*l.* interest,) amounts to 19,250*l.* The property in the neighbourhood is said to have increased considerably in value since their formation. Music is performed at the cost of the Corporation, by military bands three nights in the week during the summer in each of the parks, which are frequented by all classes of the population, especially the working classes. It is believed that the parks have contributed to the health of the neighbourhood. They are situated between one and two miles from the centre of the town, in easterly, westerly, and southerly directions.

BRIGHTON, containing an area of 2354 acres, and an estimated population in 1879 of 105,608, has no parks, but two recreation grounds, viz., the Level, and the Race Ground, covering an area of about 106 acres, the outer pathways of which are planted with trees and shrubs. They were dedicated to the public use by the Lords of the Manor and their tenants on a division of certain lands in the borough known as the tenantry lands. The cost of maintenance of the Level, which contains a little over 10 acres, is about 100*l.* a year. The Race Ground is vested in trustees, and no outlay is made upon it. The grounds are chiefly frequented by the working classes and their children, and, it is believed, have contributed to the health of the neighbourhood. The Level is situated in the centre of the town, and the Race Ground at the north-east corner.

LONDON, having an area of 75,362 acres, and an estimated population in 1879 of 3,620,868 is provided with nine royal parks, containing 1790 acres, all of which are planted and ornamented. The cost of maintaining the parks is stated to be about 74,553*l.* annually. It has also two people's parks and several commons and open spaces, covering an area of about 1459 acres, under the management of the Board of Works, who are negotiating for the acquirement of other open spaces near the metropolis. Excluding Plumstead and Welling Commons, the Board of Works have expended about 346,033*l.* in the purchase, formation, and improvement of the two people's parks, commons, and open spaces, which cost annually about 7390*l.* for maintenance. The Board also paid 20,450*l.* for a part of Victoria Park, which the Government were about to devote to building purposes. The parks, in nearly all of which music is performed frequently during the summer months, are frequented by all classes of

the population, and without doubt exercise a very beneficial influence over the people in many ways. They are situated in all directions around the metropolis.

"It may perhaps be assumed that London, with her royal as well as her people's parks, is better provided with open spaces than provincial towns. The Thames is certainly a great air artery and a source of never-ending enjoyment to the Londoner; but for recreation ground we have but an acre for 1114 persons (less than several provincial towns), and there are very few neighbourhoods where there is any land that it is possible to convert into another park. In Paddington, however, there is still time to save nearly 100 acres from the builder. The land is adjacent to Kilburn and Maida Vale, and is surrounded on all sides by an ever-increasing population which is practically out of reach of any park or recreation ground.

"At this moment a petition, signed by 18,000 persons, is about to be presented to the Board of Works from Paddington and the adjoining parishes, praying the Board to secure this land, the remainder unbuilt over of the so-called Paddington Estate. The ground is now surrounded, within a radius of a mile, by nearly 100,000 people; whole districts in Kilburn and Queen's Park Estate being inhabited exclusively by the artisan class, far removed from amusements of all sorts, indoor or outdoor. It would be particularly appropriate that the Paddington Estate should be restored to public uses, forming as it does part of the lands left long ago to the parishioners of Paddington."*

LEICESTER, containing an area of about 3200 acres, and an estimated population in 1879 of 125,622, has about 65 acres of park land for the recreation of the people; it consists of good open grass land, but is not planted or ornamented. The original cost is not known, and the annual outlay for maintenance is more than covered by the adjustment of sheep. The property in the neighbourhood of the park is said to have increased in value. Music is performed one evening in a week during the summer by a private subscription band. The park is frequented by all classes of the population, and, it is believed, has contributed to the health of the neighbourhood. It is situated about a mile in a south-easterly direction from the centre of the town.

Leicester also has two public recreation grounds, one on the southern side of the town containing 9 acres, and the other on the eastern side, containing about 26 acres, each about three quarters of a mile from the centre of the town. The Corporation have recently purchased about 60 acres of land on the north-western side of the town (three-quarters of a mile from its centre), and intend planting and ornamenting it at a total cost, including purchase, of 30,000*l.*

BRADFORD, containing about 7220 acres, and an estimated population in 1879 of 191,046, has four parks, one of which is not quite complete, covering an area of 215 acres. They are all planted and ornamented in a most liberal manner. The original cost is stated to be about 169,804*l.* One park valued at 40,000*l.*, was established by a public committee, and handed over to the Corporation free of cost, the other three being purchased by the Corporation. Thirty acres of land have also been acquired for the formation of a fifth park, which when complete will cost the Corporation about 20,000*l.* The annual cost of maintenance at present is about 2000*l.*, but will be increased as Bowling and Bradford Moor Parks are completed. The property in the neighbourhood of the parks has increased very considerably in value; land which was formerly used for pasture has been extensively taken up for building sites, and instead of being sold by the *acre* it is now sold by the *yard*. Music is performed in the parks on appointed afternoons throughout the summer months, by bands

* See Miss M. J. Vernon's paper on "Public Parks and Gardens," read at the Social Science Congress, Cheltenham, Oct. 1878.

supported by subscribers, and sums voluntarily contributed. The parks are frequented by all classes of the population (especially by the industrial classes), and, it is believed, have contributed much to the health of the neighbourhood, and exercise beneficial influences on the visitors. The parks are situated on all sides of the town, in the most open and healthful spots that could be selected, such as are already, or are fast becoming, centres of population, in order that they may be available without requiring the inhabitants to walk far to get to them.

MANCHESTER, containing 4293 acres, and an estimated population in 1879 of 361,819, has three parks, covering an area of about 121 acres, all of which are planted and ornamented. Two of the parks were purchased by public subscription, and cost about 14,963*l.*; the other was purchased and formed by the Corporation, at a cost of about 79,000*l.* In addition to the three parks there is an open space of about 5 acres known as Ardwick Green, which was presented to the city by the owners. The annual cost of maintenance is about 6000*l.* for the whole. The property in the neighbourhood of the parks has increased in value, particularly that adjoining the Alexandra Park, where, since its formation, many residences have been built. Music is performed by the police band, the expense of which is defrayed by private subscription. The parks are frequented by all classes of the population, and, it is believed, have contributed to the health of the neighbourhood. They are situated north-west, north-east, east, and south of the city, and between one and two miles from its centre.

BIRMINGHAM, containing an area of 8400 acres, and an estimated population in 1879 of 388,884, has seven public parks and two public recreation grounds. The area of the parks is about 211 acres, and that of the recreation grounds about 13 acres. They are all laid out and planted, and two of them have ornamental sheets of water. Four of the parks and one recreation ground were presented to the Corporation. The remainder cost the Corporation, in the purchase, planting, &c., about 58,000*l.* The cost of maintenance in the year 1877, exclusive of interest on loans and sinking funds, was 4227*l.* In the summer months music is performed in two of the parks by the police band. The parks are frequented by all classes of the population, and very largely by the working classes; and, it is believed, have contributed to the health of the neighbourhood; they are situated on all sides of the town and between one and two miles from the centre.

LEEDS contains an area of 21,572 acres, and an estimated population in 1879 of 311,860; it has one park and five recreation grounds. The recreation grounds cover an area of 108 acres. The Corporation expended a sum of about 151,487*l.* in the purchase of the park estate which contains 774 acres, and it is intended to retain 350 acres, which are planted and ornamented, for park purposes and to sell the remainder. The cost of four of the recreation grounds was about 13,367*l.*, the other being held by the Corporation at a rental of 140*l.* The annual cost of maintaining the park is about 3507*l.* and of the recreation grounds 111*l.* The park is situated about two miles and three quarters in a north-easterly direction from the centre of the town.

PLYMOUTH, containing an area of 1395 acres, and an estimated population in 1879 of 74,293, has parks or open spaces known as the Plymouth Hoe, the Governor's Meadow, and part of the Glacis of the Citadel; they contain altogether an area of about 22 acres; the Governor's Meadow only is planted with a border. The Hoe has been the property of the Corporation time out of mind; but the other two spaces are rented from the War Department for 30 years at 52*l.* per annum. The annual cost of maintenance is between 350*l.* and 400*l.* In the summer months music is performed by the bands of the Royal Marine corps and by those of the regiments stationed in Plymouth and Devonport. The parks are frequented by all classes of the population, and, it is believed, have contributed to the

health of the neighbourhood. They are situated about half a mile in a southerly direction from the centre of the town.

NOTTINGHAM, containing 9960 acres, and an estimated population in 1879 of 169,396, has 150 acres of parks and recreation grounds, about 40 acres of which are planted and laid out in an ornamental manner; the remainder consists of cricket and recreation grounds and public walks. Of the 150 acres about 120 were allotted to the Corporation by the Commissioners under the Nottingham Inclosure Act of 1845 for recreation purposes; the remainder is the private property of the Corporation. The property in the neighbourhood of the parks is considered to have increased in value. Music is occasionally performed in the evenings by the Nottingham police and other local bands. The parks and grounds, costing annually 2570*l.* for maintenance, are frequented by all classes of the population, but chiefly by the working classes, and, it is believed, have contributed to the health of the neighbourhood. They are situated in nearly all directions, and within a mile, from the centre of the town.

SALFORD, containing an area of 5170 acres, and an estimated population in 1879 of 177,849, has three parks covering an area of 70 acres, all of which are planted and ornamented with flower beds, mounds, and shrubberies. There is also, at the present time, another park, of about 17 acres, in course of construction. The amount expended by the Corporation in the purchase and formation of parks is 21,725*l.* One of them was, however, almost entirely acquired by public subscription and handed over to the Corporation for management. They cost about 4673*l.* per annum for maintenance. Music is performed in each of the parks during the summer months by the police band; and property in their neighbourhood is said to have increased in value. They are chiefly frequented by the working classes, and, it is believed, have contributed to the health of the neighbourhood. The sites have been so selected that each park is within easy reach of the most populous parts of the borough.

OLDHAM, containing 4666 acres, and an estimated population in 1879 of 111,318, has one park covering an area of 60 acres, which is planted and ornamented. It was purchased and planted by the Corporation at a cost of about 33,000*l.*, and the sum of about 1250*l.* is expended annually in its maintenance. The property in the neighbourhood of the park is said to have increased considerably in value. Music is occasionally performed by volunteer and other bands. The park is frequented by all classes of the population, and particularly by the working classes, and it is believed to have contributed much to the health of the neighbourhood. It is situated about a quarter of a mile in a southerly direction from the centre of the town. It is intended to secure 16 acres of land in another part of Oldham as recreation ground.

SUNDERLAND, containing an area of 2768 acres and an estimated population in 1879 of 114,575, has about 24 acres of park ground, planted and laid out with intersecting walks and an ornamental sheet of water. It was purchased and formed by the Corporation at a cost of 15,500*l.*, and about 700*l.*, exclusive of interest, &c., is expended annually in maintaining it. The property in its neighbourhood is said to have increased very considerably in value. Music is performed occasionally during the summer months by the police and other local bands. All classes of the inhabitants frequent the park, which is believed to have contributed to the health of the neighbourhood. It is situated as nearly as may be in the centre of the town.

HULL containing an area of 5635 acres, and an estimated population in 1879 of 146,347, has one park and two recreation grounds. The park contains 26 acres and the two recreation grounds nearly 5 acres. Only the park is planted and ornamented. The land for the park was presented, and the recreation grounds are leased to the Corporation. The park costs annually for maintenance about 450*l.*, and the recreation grounds 160*l.*; the property in the neighbourhood of the former is said to have increased

immensely in value. Music is performed by the police and other bands on stated days and hours. The park is frequented by all classes, and it is believed to have contributed to the health of the neighbourhood. It is situated about one mile from the centre of the town in a north-westerly direction.

NEWCASTLE-ON-TYNE contains 5371 acres, and an estimated population in 1879 of 146,948; it has one park covering an area of 35 acres planted and ornamented. It was obtained free of cost, the only expense being the formation. The annual cost of maintenance is about 650*l.* Music is performed weekly in the summer months by the police band, and the park is frequented by all classes of the population. The distance of the park from the centre of the town is about three quarters of a mile in a northerly direction. Owing to the success and the satisfaction given to the public by the park, the Corporation have purchased about 31 acres, and have been presented with 26 acres of land by Sir W. G. Armstrong, for the formation of two other parks, which it is thought will be opened in the spring of 1879. This additional outlay on the part of the Corporation will cost about 26,560*l.* in purchase money. One of these new parks is situated in the western and the other in the eastern part of the town.

SHEFFIELD containing an area of 19,651 acres, and an estimated population in 1879 of 297,138, has two parks covering an area of 49 acres, both of which are planted to a greater or a less extent. The original cost of Weston Park, containing 13 acres, was 17,500*l.*; it was purchased by the Corporation. The other park, containing 36 acres, was presented to the Corporation by Mr. Alderman Mark Firth, J.P. The annual cost of maintaining the two parks is about 1300*l.* Music is occasionally performed during the summer months by the volunteer and police bands. The parks are frequented by all classes of the population, and, it is believed, have contributed to the health of the neighbourhood. Weston Park is situated about one mile in a westerly direction and Firth Park about two miles and a half in a northerly direction from the centre of the town.

In addition to the two parks, there is one belonging to the Duke of Norfolk containing about 30 acres, to which the public are admitted. It is situated about one mile from the centre of the town in an easterly direction.

PORTSMOUTH, containing an area of 4486 acres, and an estimated population in 1879 of 131,821, has one park, opened in June last, the area of which is about 14 acres. It is planted, and adjoining is an additional space of about 2 acres, set apart exclusively for children, with swings and other amusements. The land is held for 50 years, under a lease from the War Department, at an annual rent of 50*l.* The cost of formation, lodges, &c. was 3500*l.* No arrangement as to the performance of music has yet been made, but the "Union" band plays in the afternoon and evening in the summer months. The park is chiefly frequented by the poorer classes, and is situated in the centre of the town.

Another piece of land of 17 acres, near the sea, has been acquired for a park which is now in course of formation.

NORWICH, containing an area of 7472 acres, and an estimated population in 1879 of 85,222, has no park, but there is a space of about 7 acres known as Chapel Field, which is surrounded with fine elm trees. The field has been in the possession of the Corporation for 600 years at least, and costs about 60*l.* or 70*l.* per annum for maintenance. It is chiefly frequented by the working classes and their children, and it is believed to have contributed to the health of the neighbourhood. It is situated about half a mile in a southerly direction from the centre of the city.

WOLVERHAMPTON, containing an area of 3396 acres, and an estimated population in 1879 of 75,100, has at the present time no public park for the recreation of the people. The town council have, however, just accepted a lease of 50 acres of land which they are about forming into a public park. It will be situated almost in the centre of the borough, and will probably be opened in about a year.

COMPARATIVE ANALYSIS OF PARK PROVISION IN THE TOWNS.

An attempt is made in the following table to show how the principal towns of England are relatively provided with parks. Thus, in the 22 towns there is one acre of park area to 25 acres of town area; and there are 965 inhabitants to one acre of park area. In Dublin there are six acres of town area to one acre of park area; and there are 175 inhabitants to one acre of park area; in London there are 23 acres of town area to one acre of park area, and there are 1114 inhabitants to one acre of park area; there are 47 acres of town area to one acre of park area in Leeds, and 681 inhabitants to one acre of park area.

ACRES OF TOWN AREA TO ONE OF PARK; PERSONS TO ONE ACRE OF PARK, and to ONE ACRE OF TOWN AREA; and the NUMBER and PROPORTION of OUTSIDE HOUSES.

NAME OF TOWN.	Acres of Town Area to One Acre of Park.	Persons		Outside Houses.	
		To One Acre of Park.	To One Acre of Town.	Number.	Proportional Number to Total Houses.
	$\frac{A}{P}$	$\frac{I}{P}$	$\frac{I}{A}$	$4(H-1)$	$\frac{4(H-1)}{H^2}$
In 22 Towns in the United Kingdom	25	965	39	—	—
Dublin	6	175	31	740	·02140
Edinburgh	8	410	54	415	·03784
Bristol	10	475	47	660	·02396
Liverpool	10	1025	103	1116	·01423
Glasgow	13	1293	96	480	·03277
Brighton	22	996	45	477	·03301
London	23	1114	48	2581	·00618
Leicester	32	1256	39	559	·02822
Bradford	34	889	26	682	·02319
Manchester	34	2872	84	1033	·01537
Birmingham	38	1736	46	1043	·01522
Leeds	47	681	14	941	·01686
Plymouth	63	3377	53	338	·04631
Nottingham	66	1129	17	531	·02966
Salford	74	2541	34	614	·02571
Oldham	78	1855	24	514	·03068
Sunderland	115	4774	41	448	·03509
Hull	117	4721	40	630	·02508
Newcastle-on-Tyne	153	4199	27	509	·03094
Sheffield	249	3761	15	877	·01808
Portsmouth	280	8239	29	549	·02874
Norwich	1067	12175	11	537	·02933
Wolverhampton (no Parks)	—	—	22	456	·03448

A = Town area; P = Park area; I = Inhabitants; H² = Total Houses; H = Houses on side of a square; $\frac{A}{P}$ = Town area to Park area; $\frac{I}{P}$ = Inhabitants to Park area; $4(H-1)$ = Outside Houses; $\frac{4(H-1)}{H^2}$ = proportional number of Outside Houses to the total.

NOTE.—The Table may be read thus: In London there are 23 acres of town area to one acre of park, 1114 persons to one acre of park, 48 persons to one acre of town; the number of outside houses is 2581, and the proportional number to total houses ·00618. In Plymouth there are 63 acres of town area to one acre of park, 3377 persons to one acre of park, 53 persons to one acre of town; the number of outside houses is 338, and the proportional number to total houses ·04631.

It must be evident that there is another element that has to be taken into account; that is the size of the town compared with its circumference. For a town is supplied with air from without as well as from within; and generally the number of houses in the circumference of a town is greater in proportion in the small than in the large towns. Thus, suppose the houses to be symmetrically arranged in a square round the centre of a town, then a single house is surrounded on every side with air. If the square has five houses to a side then the houses will be 25, and the outside houses will be 16;

1	2	3	4	5
16				6
15				7
14				8
13	12	11	10	9

with six houses to a side there will be 36 houses and 20 outside houses; with 100 houses to the side there will be 10,000 and 396 outside houses. The degrees of the supplies of outside air will be expressed by the fractions

$$\frac{16}{25}, \frac{20}{36}, \frac{396}{10,000}. \text{ The general formula will be } \frac{4(H-1)}{H^2} = h.$$

Then a correction will be required in comparing towns of different sizes. Thus the population of Birmingham is 388,384 and the population of London is 3,620,868. The houses in Birmingham are 68,532, the houses in London are 417,767. Supposing the houses to be arranged symmetrically in squares in both towns the outside houses will be 1043 in Birmingham and 2581 in London. The proportion of air supplied from outside to Birmingham will be to that supplied from outside houses in

$$\text{London, as } \frac{1043}{68532} \text{ to } \frac{2581}{417767} \text{ or as } \cdot 01522 \text{ to } \cdot 00618.$$

The houses are not arranged symmetrically in squares, but the numbers given are *minima*, for any irregularity in contour would increase the number of outside houses to the total number of houses.

I have the honour to be,
Sir,
Your very obedient servant,

WILLIAM FARR.

To
The Registrar General.

1	2	3	4	5
16				6
15				7
14				8
13	12	11	10	9

APPENDIX TABLES,

1877.

TABLE 1.—Causes of Death registered in England

Class.	CAUSES OF DEATH.	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863
	ALL CAUSES - -	368,995	395,396	407,135	421,097	437,905	425,703	390,506	419,815	440,656	440,781	422,721	435,114	436,566	473,837
	SPECIFIED CAUSES	355,659	382,868	394,357	407,752	425,645	413,359	379,828	409,719	440,922	432,476	414,060	427,360	429,000	465,874
	(CLASSES.)														
I.	ZYMOTIC DISEASES	78,411	90,132	96,233	89,564	117,135	88,383	81,375	93,634	110,971	106,645	75,849	87,986	91,539	119,731
II.	CONSTITUTIONAL "	77,110	80,304	83,035	88,216	83,993	84,645	79,500	81,969	82,416	81,788	82,088	84,987	83,024	84,393
III.	LOCAL "	125,789	134,577	135,415	147,138	143,481	156,953	142,761	151,531	163,489	159,686	171,087	167,454	170,651	174,603
IV.	DEVELOPMENTAL "	61,221	64,696	66,154	69,105	66,996	69,253	62,232	68,668	69,895	69,708	70,311	71,948	68,842	71,467
V.	VIOLENT DEATHS -	13,128	12,659	13,520	13,729	14,040	14,125	13,960	13,917	14,151	14,649	14,775	14,985	14,944	15,680
	(ORDERS.)														
I.	1. MIASMATIC DISEASES	74,732	86,309	92,305	85,515	112,612	83,726	77,270	89,296	106,278	101,699	71,304	83,324	86,881	114,538
	2. ENTHETIC "	774	867	889	874	1,236	1,190	1,069	1,147	1,195	1,273	1,252	1,355	1,449	1,578
	3. DIETIC "	1,660	1,651	1,676	1,857	1,980	2,087	1,688	1,905	2,112	2,301	2,206	2,095	2,149	2,456
	4. PARASITIC "	1,245	1,305	1,363	1,318	1,307	1,380	1,348	1,286	1,386	1,372	1,037	1,212	1,060	1,159
II.	1. DIATHETIC "	16,715	16,729	16,872	17,601	16,848	17,125	15,668	16,207	16,790	16,433	16,404	16,233	16,412	16,651
	2. TUBERCULAR "	60,395	64,075	66,163	70,615	67,145	67,520	63,832	65,762	65,626	65,355	65,684	68,754	66,612	67,742
III.	1. DISEAS. OF NERVOUS SYSTEM -	46,907	49,351	50,246	51,509	51,485	52,365	50,084	51,619	53,961	54,531	55,577	55,625	55,692	57,428
	2. " ORGANS OF CIRCULATION -	11,356	11,817	12,517	13,740	13,488	14,573	13,691	14,802	16,426	17,133	18,758	18,076	18,709	19,505
	3. " RESPIRATORY ORGANS -	43,827	48,759	47,400	56,436	52,484	63,820	52,973	58,378	65,516	59,853	63,408	64,310	67,565	67,280
	4. " DIGESTIVE ORGANS -	17,715	18,432	18,905	18,749	18,885	18,885	18,710	19,360	19,246	19,842	19,718	20,327	19,421	20,516
	5. " URINARY ORGANS -	3,124	3,172	3,438	3,652	3,770	4,042	4,227	4,202	4,633	4,736	4,990	5,222	5,328	5,578
	6. " ORGANS OF GENERATION -	921	958	877	960	1,014	1,042	1,039	1,069	1,148	1,199	1,118	1,129	1,227	1,219
	7. " ORGANS OF LOCOMOTION -	1,008	1,092	1,139	1,227	1,500	1,428	1,329	1,306	1,164	1,285	1,466	1,624	1,588	1,765
	8. " INTEGUMENTARY SYSTEM -	931	996	893	865	855	798	708	795	1,345	1,107	1,002	1,141	1,121	1,312
IV.	DEVELOPMENTAL DIS.														
	1. " CHILDREN -	11,096	11,998	12,292	12,541	12,541	12,081	11,586	12,617	12,412	12,300	12,706	13,116	12,787	13,498
	2. " ADULTS -	2,266	2,368	2,373	2,383	2,125	2,024	1,932	2,042	2,114	2,314	2,233	2,168	2,198	2,508
	3. " OLD PEOPLE -	25,567	25,980	26,376	29,130	26,466	29,714	23,931	26,847	28,509	27,104	23,442	27,373	26,780	27,268
	4. DIS. OF NUTRITION -	22,292	24,350	25,113	25,051	25,864	25,434	24,783	27,162	26,860	27,990	26,930	29,291	27,077	28,193
V.	1. ACCIDENT OR NEGLIGENCE * - -								12,523	13,056	13,023	13,307	13,192	13,941	
	2. BATTLE * - -								*	*	*	*	*	*	
	3. HOMICIDE - -	13,128	12,659	13,520	13,729	14,040	14,125	13,960	13,917	14,151	14,649	14,775	14,985	14,944	15,680
	4. SUICIDE - -								344	338	377	320	418	399	
	5. EXECUTION † - -								1,275	1,248	1,365	1,347	1,317	1,319	
									9	7	10	11	17	21	
	SUDDEN DEATHS, CAUSE UNASCERTAINED -	3,560	3,458	3,591	4,018	3,993	4,139	3,474	3,403	3,096	2,821	2,894	2,697	2,778	3,008
	CAUSES ILL-DEFINED OR NOT SPECIFIED -	9,776	9,070	9,187	9,327	8,267	8,205	7,204	6,693	5,638	5,484	5,767	5,057	4,788	4,955
I.	ORDER 1.														
	1 Small-pox - -	4,665	6,997	7,320	3,151	2,808	2,525	2,277	3,936	6,460	3,848	2,749	1,320	1,628	5,964
	2 Measles - -	7,082	9,370	5,846	4,895	9,277	7,354	7,124	5,969	9,271	9,548	9,557	9,055	9,800	11,349
	3 Scarlet Fever - -	13,371	13,634	18,887	15,699	18,523	16,929	13,557	12,046	23,711	19,310	9,681	9,077	14,834	30,475
	4 Diphtheria † - -	Included with Scarlet fever until 1855					385	603	1,583	6,606	10,184	5,212	4,517	4,903	6,507
	5 Quinsy - -	473	369	391	421	345	374	416	485	623	426	319	342	323	334
	6 Croup - -	4,322	4,180	4,058	3,660	3,998	4,419	5,207	5,279	6,220	5,636	4,380	4,397	5,667	6,957
	7 Whooping-cough - -	7,770	7,905	8,022	11,200	9,770	10,185	9,225	10,138	11,648	8,976	8,555	12,309	12,272	11,275
	8 Enteric or Typhoid Fever - -	15,374	17,930	18,641	18,554	18,893	16,470	16,182	19,016	17,883	15,877	13,012	15,440	18,721	18,017
	Simple Continued Fever - -														

NOTE.—For the causes of death in the 5 years 1838-42, and the 3 years 1847-8-9, see Table 7 in the Appendix to the Thirty-fourth Annual Report. The causes of death were not abstracted for the 4 years 1843-46.
 * Deaths from violence were not classified according to orders prior to 1858. All deaths from violence are classified to Order I. (Accident or Negligence), unless they are specially ascribed to homicide, suicide, or execution. Order 2, comprising violent deaths in battle, is inapplicable to the civil population.
 † The numbers of persons executed in the several years will not necessarily correspond with those returned for the same years in the "Criminal Returns," inasmuch as the executions therein recorded in each year are classed according to the dates of conviction, while the numbers in this Table are placed under the years in which the deaths are registered.

Calc diff 8585.3 +7.3

in each of the 28 Years 1850-1877.

1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	CAUSES OF DEATH.
495,531	490,909	500,689	471,073	480,622	494,828	515,329	514,879	492,265	492,520	526,632	546,453	510,315	500,496	ALL CAUSES.
487,732	482,509	492,111	462,939	473,773	488,117	507,921	507,713	485,559	485,735	519,366	540,403	505,434	496,097	SPECIF'D CAUSES.
														(CLASSES.)
118,825	113,948	115,972	90,989	117,356	110,601	120,511	123,030	109,306	89,286	111,836	106,451	96,660	87,043	ZYMOTIC DISEAS.
87,190	88,504	89,907	89,423	85,340	86,730	88,766	87,072	86,280	85,726	84,119	89,860	87,521	88,352	CONSTITUTION. "
189,039	184,877	192,444	187,571	178,634	199,976	205,264	204,362	197,429	215,438	226,617	246,904	229,379	231,112	LOCAL "
75,660	77,806	76,373	78,090	75,475	74,313	76,787	76,256	75,287	78,039	78,874	78,299	73,495	71,906	DEVELOPMENT. "
17,018	17,374	16,915	16,866	16,968	16,497	16,593	16,993	17,257	17,246	17,920	18,889	18,379	17,684	VIOLENT DEATHS.
														(ORDERS.)
113,051	107,650	110,059	84,985	111,106	104,670	114,468	117,093	103,478	83,332	105,118	99,113	89,647	79,640	1. MIASMATIC DIS.
1,793	1,914	1,893	1,909	2,101	2,108	2,084	2,056	2,127	2,109	2,290	2,509	2,476	2,436	2. ENTHETIC "
2,810	2,957	2,888	2,760	2,853	2,645	2,605	2,602	2,508	2,494	3,006	3,319	3,091	3,608	3. DIETIC "
1,171	1,427	1,132	1,335	1,296	1,178	1,354	1,279	1,193	1,351	1,422	1,510	1,446	1,359	4. PARASITIC "
17,392	17,437	17,482	17,520	17,039	17,511	17,481	17,061	17,052	17,519	17,791	17,514	17,342	17,813	1. DIATHETIC "
69,798	71,067	72,425	71,903	68,301	69,219	71,285	70,011	69,228	68,207	66,328	72,346	70,179	70,539	2. TUBERCULAR "
59,627	60,264	61,164	60,367	60,174	61,550	63,856	62,453	62,809	65,835	68,014	70,214	67,737	67,514	1. DIS. OF NERVOUS SYSTEM.
22,410	22,272	22,190	22,784	22,558	24,899	25,259	26,219	27,086	28,447	29,956	32,510	31,951	34,330	2. " ORGANS OF CIRCULATN.
75,376	69,952	77,249	72,183	63,103	80,397	82,186	81,825	73,393	85,626	90,612	103,627	90,034	88,543	3. " RESPIRATORY ORGANS.
20,969	21,774	21,084	21,006	21,479	21,315	21,853	21,621	21,773	22,314	23,917	25,089	24,592	24,604	4. " DIGESTIVE ORGANS.
6,104	6,274	6,621	6,933	6,872	7,319	7,503	7,628	7,852	8,526	8,929	9,895	9,889	10,294	5. " URINARY ORGANS.
1,294	1,241	1,241	1,316	1,258	1,283									

TABLE 1. (continued.)—Causes of Death registered

Class.	CAUSES OF DEATH.	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	
I.	9 Erysipelas - - -	2,206	1,998	2,075	1,812	1,937	2,245	2,125	1,573	2,026	1,954	1,665	1,542	1,523	1,920	
	10 Puerperal Fever { (Metria) - - - }	1,113	1,009	972	795	954	1,079	1,067	836	1,068	1,238	987	886	940	1,155	
	11 Carbuncle - - -	134	161	233	252	300	255	253	252	246	236	247	193	206	237	
	12 Influenza - - -	1,380	2,152	1,359	1,789	1,061	3,568	1,029	1,393	1,794	1,112	1,130	746	915	919	
	13 Dysentery - - -	2,036	2,185	2,756	1,891	1,943	1,437	1,335	1,698	1,478	1,379	1,156	1,416	1,044	1,051	
	14 Diarrhoea - - -	11,468	14,728	17,617	14,192	20,052	12,770	13,815	21,189	18,853	18,331	9,702	18,746	11,112	14,943	
	15 Cholera - - -	887	1,132	1,381	4,419	20,097	837	762	1,150	673	887	327	837	511	807	
	16 Ague - - -	154	167	151	183	192	149	124	195	207	233	203	149	150	141	
	17 Remittent Fever - -	548	607	666	707	646	575	162	270	569	400	314	254	284	198	
	18 Rheumatism - - -	1,749	1,785	1,930	1,895	1,811	2,170	2,007	1,688	1,942	2,124	1,998	1,982	1,943	2,175	
	19 Other Zymotic Diseases - - -	-	-	-	-	-	-	-	-	-	-	110	116	105	114	
	ORDER 2.															
	1 Syphilis - - -	554	598	623	622	964	947	879	957	1,006	1,089	1,067	1,177	1,245	1,386	
	2 Stricture of Urethra - -	207	244	251	241	256	218	177	184	186	177	178	168	199	183	
	3 Hydrophobia - - -	13	25	15	11	16	14	5	3	2	4	3	4	1	4	
	4 Glanders - - -	-	-	-	-	-	11	8	3	1	3	4	6	4	5	
	ORDER 3.															
	1 Privation - - -	73	58	54	78	87	91	69	52	62	52	68	63	73	54	
	2 Want of Breast-milk - - -	458	553	593	632	742	850	704	829	997	1,017	1,002	970	1,006	1,158	
3 Purpura and Scurvy - -	266	248	234	266	282	324	227	246	341	342	361	405	353	409		
4 Alcohol - { a Del. Trem. - - - } { b Intemp. - - - }	540 323	503 289	487 308	508 373	551 318	536 286	451 237	484 294	424 288	545 345	457 318	415 242	417 246	471 364		
ORDER 4.																
1 Thrush - - -	1,114	1,175	1,237	1,202	1,190	1,149	1,094	1,170	1,236	1,217	920	1,055	904	961		
2 Worms, &c. - - -	131	130	126	116	117	231	254	116	150	155	167	157	156	198		
II.																
ORDER 1.																
1 Gout - - -	224	214	218	217	246	287	230	223	245	238	268	247	284	248		
2 Dropsy - - -	9,980	9,873	9,788	10,302	9,396	9,362	8,213	8,452	7,823	7,301	7,247	7,247	7,414	7,414		
3 Cancer - - -	4,967	5,218	5,477	5,663	5,826	6,016	5,859	6,201	6,433	6,676	6,827	7,276	7,396	7,479		
4 Cancerum Oris (No-ma) - - -	123	95	98	100	136	178	164	198	161	159	122	174	197	180		
5 Mortification - - -	1,421	1,329	1,291	1,319	1,244	1,282	1,172	1,133	1,193	1,241	1,364	1,235	1,288	1,330		
ORDER 2.																
1 Scrofula - - -	2,484	2,592	2,580	2,727	2,613	2,985	2,831	2,781	3,004	2,995	2,860	3,457	3,416	3,277		
2 Tabes Mesenterica - -	4,012	4,510	4,700	4,965	5,638	4,762	4,752	5,380	5,017	4,982	4,680	5,692	5,203	5,877		
3 Phthisis - - -	46,618	49,166	50,594	54,918	51,284	52,290	48,950	50,106	50,442	50,149	51,024	51,931	50,962	51,072		
4 Hydrocephalus - - -	7,281	7,807	8,289	8,005	7,610	7,483	7,299	7,495	7,163	7,229	7,120	7,674	7,031	7,516		
III.																
ORDER 1.																
1 Cephalitis - - -	3,198	3,628	3,686	3,618	3,752	3,466	3,414	3,392	3,463	3,451	3,518	3,426	3,580	3,869		
2 Apoplexy - - -	8,094	7,946	7,896	8,496	8,366	8,645	8,278	8,378	8,629	8,631	9,181	8,795	9,136	9,721		
3 Paralysis - - -	7,317	7,567	7,911	8,378	8,353	8,905	8,497	8,714	8,980	9,189	9,752	9,812	9,733	9,762		
4 Insanity - - -	529	542	535	472	541	494	370	403	535	446	529	535	555	555		
5 Chorea - - -	60	77	73	67	48	69	59	44	53	55	66	71	52	68		
6 Epilepsy - - -	1,631	1,760	1,935	2,120	2,052	2,136	2,096	2,193	2,359	2,219	2,454	2,464	2,443	2,574		
7 Convulsions - - -	23,000	24,592	24,558	24,798	24,579	24,917	23,946	24,532	25,488	25,954	25,205	25,423	25,286	26,008		
8 Brain Disease, &c. - -	3,078	3,219	3,652	3,560	3,794	3,733	3,424	3,963	4,454	4,586	4,865	5,105	4,927	4,876		
ORDER 2.																
1 Pericarditis - - -	620	563	589	561	594	588	531	573	586	616	575	541	559	597		
2 Aneurism - - -	286	289	266	315	308	312	338	326	350	371	368	387	373	418		
3 Heart Disease, &c. - -	10,450	10,965	11,662	12,864	12,586	13,673	12,822	13,903	15,490	16,146	17,815	17,148	17,777	18,490		
ORDER 3.																
1 Laryngitis - - -	1,053	939	1,083	1,097	1,145	1,155	1,294	1,359	1,439	1,319	1,166	1,253	1,478	1,561		
2 Bronchitis - - -	14,611	17,294	17,073	22,391	20,062	27,182	21,528	25,588	29,093	25,998	32,347	30,986	32,526	32,025		
3 Pleurisy - - -	877	984	945	855	955	1,153	886	870	846	916	882	781	833	907		
4 Pneumonia - - -	20,303	22,001	21,421	24,098	23,523	26,052	22,653	23,457	26,486	24,514	25,264	22,914	23,713	24,181		
5 Asthma - - -	4,574	4,896	4,309	5,143	4,271	5,454	4,103	4,339	4,513	4,224	4,325	3,892	4,087	3,699		
6 Lung Disease, &c. - -	2,409	2,645	2,569	2,852	2,528	2,824	2,509	2,765	3,139	2,882	4,424	4,484	4,928	4,907		
ORDER 4.																
1 Gastritis - - -	519	721	685	676	755	810	816	816	789	827	704	809	765	838		
2 Enteritis - - -	3,733	3,854	3,901	3,659	3,614	3,225	3,234	3,412	3,309	3,416	3,154	3,333	2,911	3,234		
3 Peritonitis - - -	1,248	1,250	1,304	1,269	1,432	1,388	1,310	1,411	1,466	1,555	1,551	1,563	1,488	1,637		
4 Ascites - - -	664	684	698	753	748	886	760	750	665	766	750	728	745	735		
5 Ulceration of Intestines - -	791	856	976	1,022	911	876	946	893	860	776	847	856	870	858		
6 Hernia - - -	704	708	683	779	828	874	848	814	766	762	817	852	827	848		
7 Ileus - - -	1,149	1,107	1,088	1,147	1,224	1,188	1,190	1,133	1,107	1,139	1,170	1,199	1,091	1,166		
8 Intussusception - - -	222	268	250	244	258	243	280	254	239	271	245	276	280	246		
9 Stricture of Intestines - -	248	240	291	241	257	233	242	278	264	289	301	272	257	288		
10 Fistula - - -	92	121	94	104	117	86	73	98	116	99	115	115	109	89		
11 Stomach Disease, &c. - -	2,116	2,105	2,033	1,884	1,901	2,501	2,450	2,645	2,750	2,698	2,866	2,786	2,730	2,800		
12 Pancreas Disease, &c. - -	17	8	5	9	13	15	12	15	11	22	12	18	16	12		
13 Hepatitis - - -	1,436	1,453	1,594	1,520	1,500	1,446	1,437	1,444	1,353	1,488	1,329	1,386	1,262	1,402		
14 Jaundice - - -	1,166	1,282	1,281	1,239	1,264	1,300	1,446	1,443	1,203	1,255	1,262	1,344	1,292	1,426		
15 Liver Disease, &c. - -	3,553	3,709	3,948	4,139	3,992	3,820	3,615	3,881	4,285	4,417	4,531	4,704	4,680	4,853		
16 Spleen Disease, &c. - -	57	66	74	64	71	54	51	73	63	62	64	86	98	84		

in England in each of the 28 Years 1850-1877.

1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	CAUSES OF DEATH.
2,104	1,903	1,675	1,450	1,952	1,873	2,140	2,240	1,787	2,046	3,387	3,055	2,348	2,106	9 Erysipelas.
1,484	1,333	1,197	1,063	1,196	1,181	1,492	1,464	1,400	1,740	3,108	2,504	1,746	1,444	{ 10 Puerperal Fever (Metria).
266	265	228	235	228	235	207	217	190	193	245	219	263	205	{ 11 Carbuncle.
804	596	651	607	703	607	615	348	278	266	245	440	293	205	{ 12 Influenza.
1,000	1,072	1,096	962	1,108	872	815	797	815	719	684	547	636	579	{ 13 Dysentery.
16,432	23,531	17,170	19,851	29,821	19,903	25,311	24,140	22,219	21,795	21,204	23,982	21,781	14,703	{ 14 Diarrhoea.
934	1,291	1,437	922	1,498	702	1,065	863	801	749	596	550	598	309	{ 15 Cholera.
112	117	135	121	94	114	120	131	84	100	114	115			

TABLE 1. (continued.)—Causes of Death registered

Class.	CAUSES OF DEATH.	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863
IV.	ORDER 5.														
	1 Nephritis - - -	178	183	197	237	205	244	269	268	265	284	245	306	273	335
	2 Ischuria - - -	91	100	106	109	118	120	83	97	118	103	96	102	104	143
	3 Bright's Disease (Nephria) - - -	430	477	370	641	776	793	954	983	1,105	1,258	1,390	1,448	1,541	1,700
	4 Diabetes - - -	422	403	402	412	436	448	433	482	514	480	536	537	574	551
	5 Calculus (Stone) - - -	249	204	208	224	183	234	233	182	199	191	179	168	196	172
	6 Cystitis - - -	214	212	231	236	276	278	270	258	276	299	343	342	340	340
7 Kidney Disease, &c. - - -	1,540	1,593	1,724	1,793	1,776	1,925	1,985	1,932	2,226	2,144	2,245	2,318	2,298	2,337	
IV.	ORDER 6.														
	1 Ovarian Dropsy - - -	219	196	178	217	220	208	211	237	239	277	244	235	280	255
2 Uterus Disease, &c. - - -	702	762	699	743	794	834	828	832	909	922	874	894	947	964	
IV.	ORDER 7.														
	1 Synovitis (Arthritis) - - -	54	72	84	81	101	80	71	62	77	81	68	79	70	73
2 Joint Disease, &c. - - -	954	1,020	1,055	1,146	1,399	1,348	1,258	1,244	1,087	1,204	1,398	1,545	1,518	1,692	
IV.	ORDER 8.														
	1 Phlegmon - - -	422	481	365	309	239	255	126	165	711	466	413	454	409	530
	2 Ulcer - - -	340	317	296	351	358	278	289	300	332	364	332	401	387	435
3 Skin Disease, &c. - - -	169	198	232	205	258	265	293	330	302	277	257	286	325	347	
IV.	ORDER 1.														
	1 Premature Birth* - - -	6,229	6,804	7,018	7,000	7,228	7,108	6,926	7,590	7,307	7,432	7,642	7,610	7,706	8,121
	2 Cyanosis - - -	167	230	279	295	294	300	341	350	386	403	398	420	459	456
	3 Spina Bifida - - -	212	210	242	279	243	247	299	325	313	356	350	394	386	402
	4 Other Malformations - - -	402	346	340	291	407	369	360	360	385	379	420	441	424	403
5 Teething - - -	4,086	4,408	4,413	4,676	4,369	4,057	3,660	3,992	4,021	3,730	3,896	4,251	3,812	4,116	
IV.	ORDER 2.														
	1 Paramenia - - -	127	87	98	115	70	124	111	91	51	56	47	59	61	75
2 Childbirth (see Metria) - - -	2,139	2,281	2,275	2,268	2,055	1,900	1,821	1,951	2,063	2,258	2,186	2,109	2,137	2,433	
IV.	ORDER 3.														
1 Old Age - - -	25,567	25,980	26,376	29,130	26,466	29,714	23,931	26,847	28,509	27,104	28,442	27,373	26,780	27,268	
IV.	ORDER 4.														
1 Atrophy and Debility* - - -	22,292	24,350	25,113	25,051	25,864	25,434	24,733	27,162	26,860	27,990	26,930	29,291	27,077	28,193	
V.	ORDER 1. (ACCIDENT OR NEGLIGENCE.) †														
	1 Fractures and Contusions - - -								5,159	5,482	5,417	5,589	5,397	5,852	
	2 Gunshot Wounds - - -								136	104	103	120	111	108	
	3 Cut, Stab - - -								80	75	81	41	54	82	
	4 Burns and Scalds - - -								3,125	2,978	3,166	3,053	2,767	2,766	
	5 Poison - - -								282	279	240	253	262	277	
	6 Drowning - - -								2,124	2,494	2,264	2,351	2,463	2,488	
	7 Suffocation - - -								903	952	1,061	1,014	1,219	1,147	
8 Otherwise - - -								714	692	691	881	919	1,221		
V.	ORDER 3. (HOMICIDE.)														
1 Murder and Man-slaughter - - -	13,128	12,659	13,520	13,729	14,040	14,125	13,960	13,917	344	338	377	320	418	899	
V.	ORDER 4. (SUICIDE.)														
	1 Gunshot Wounds - - -								60	54	59	59	54	56	
	2 Cut, Stab - - -								243	270	276	257	215	257	
	3 Poison - - -								119	112	156	122	128	121	
	4 Drowning - - -								197	208	219	225	204	245	
	5 Hanging - - -								570	540	569	592	611	562	
6 Otherwise - - -								86	64	86	92	105	78		
V.	ORDER 5. (EXECUTION.) †														
1 Hanging - - -								9	7	10	11	17	21		
V.	Sudden Deaths (Cause unascertained) - - -	3,560	3,458	3,591	4,018	3,993	4,139	3,474	3,403	3,096	2,821	2,894	2,697	2,778	3,008
V.	Causes ill-defined or not specified - - -	9,776	9,070	9,187	9,327	8,267	8,205	7,204	6,693	5,638	5,484	5,767	5,057	4,788	4,955

in England in each of the 28 Years 1850-1877.

1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	CAUSES OF DEATH.
390	381	406	442	495	533	658	636	606	695	864	978	985	890	ORDER 5.
126	140	121	106	118	125	126	129	107	105	104	127	140	127	1 Nephritis.
1,793	1,860	2,039	2,203	2,076	2,496	2,616	2,651	2,911	3,157	3,342	3,841	4,100	4,763	2 Ischuria.
665	669	678	680	671	735	735	805	769	827	882	940	910	1,006	3 Bright's Disease (Nephria).
184	189	193	201	213	194	195	197	207	225	207	248	242	245	4 Diabetes.
383	325	393	381	463	432	415	437	473	541	531	639	620	628	5 Calculus (Stone).
2,563	2,710	2,791	2,920	2,836	2,804	2,758	2,773	2,779	2,976	2,999	3,122	2,892	2,635	6 Cystitis.
														7 Kidney Disease, &c.
259	209	218	247	222	234	224	194	200	207	168	343	327	355	ORDER 6.
1,035	1,032	1,023	1,069	1,036	1,049	1,074	1,027	1,081	1,071	1,123	1,072	961	1,045	1 Ovarian Dropsy.
														2 Uterus Disease, &c.
89	74	70	75	82	81	106	105	92	90	111	143	118	166	ORDER 7.
1,771	1,736	1,572	1,672	1,751	1,765	1,787	1,892	1,832	1,883	1,923	1,987	1,998	2,207	1 Synovitis (Arthrit.)
														2 Joint Disease, &c.
550	453	482	430	565	578	657	600	534	643	942	929	867	1,036	ORDER 8.
463	424	403	443	436	405	360	392	368	388	458	505	382	401	1 Phlegmon.
377	363	368	362	356	384	399	406	409	408	459	590	523	617	2 Ulcer.
														3 Skin Disease, &c.
8,339	8,791	8,943	8,990	8,757	8,666	9,195	9,650	10,334	10,186	10,527	11,635	11,446	11,618	ORDER 1.
465	483	514	481	547	532	596	570	571	566	573	698	782	844	1 Premature Birth.
371	377	413	391	411	460	435	390	452	486	458	547	623	653	2 Cyanosis.
461	438	471	504	474	462	449	458	452	439	465	561	494	594	3 Spina Bifida.
4,285	4,271	4,293	4,300	4,145	4,083	4,183	4,108	4,093	4,273	4,317	5,212	4,886	4,470	4 Other Malformatns.
														5 Teething.
75	86	111	115	130	122	127	113	99	99	116	129	116	117	ORDER 2.
2,532	2,490	2,485	2,346	2,307	2,102	2,383	2,471	2,403	2,375	2,319	2,560	2,396	1,999	1 Paramenia.
														2 Childbirth (see Metria).
29,498	28,700	28,546	28,646	26,050	27,932	28,889	28,038	26,900	29,282	28,604	28,514	25,461	26,078	ORDER 3.
														1 Old Age.
29,634	32,161	31,097	32,317	32,654	29,954	30,530	30,458	29,983	30,333	30,995	28,393	27,286	25,533	ORDER 4.
														1 Atrophy & Debility.
6,500	6,843	6,661	6,596	6,508	6,303	6,447	6,837	6,974	7,221	7,374	7,610	7,280	7,317	ORDER 1.* (ACCIDENT OR NEGLIGENCE.)
126	112	131	124	118	105	130	102	74	112	98	83	95	90	1 Fractures and Contusions.
115	98	97	103	103	125	95	111	118	76	141	153	126	127	2 Gunshot Wounds.
2,987	2,713	2,533	2,600	2,553	2,545	2,578	2,612	2,204	2,282	2,559	2,597	2,471	2,197	3 Cut, Stab.
274	273	278	281	279	255	234	261	274	234	312	307	301	315	4 Burns and Scalds.
2,714	2,823	2,786	2,676	2,924	2,696	2,504	2,605	3,010	2,695	2,611	3,199	2,987	3,012	5 Poison.

TABLE 2.—Causes of Death registered in England in each of the 16 Years 1862-1877. To 1,000,000 PERSONS LIVING, the DEATHS from each CLASS of CAUSES, and from each CAUSE.

Class.	CAUSES OF DEATH.	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877
	ALL CAUSES	21467	23053	23855	23387	23606	21983	22200	22626	22947	22622	21340	21087	22269	22822	21049	20389
	SPECIFIED CAUSES	21329	22906	23693	23234	23433	21818	22063	22486	22804	22482	21205	20943	22123	22704	20944	20285
	(CLASSES.)				22985												
I.	ZYMOTIC DISEASES	4551	5887	5770	5489	5522	4288	5465	5095	5411	5448	4773	3850	4764	4473	4005	3559
II.	CONSTITUTIONAL	4128	4150	4237	4261	4281	4215	3974	3996	3985	3856	3768	3696	3583	3775	3627	3613
III.	LOCAL	8484	8584	9182	8903	9162	8840	8319	9212	9216	9049	8622	9288	9653	10373	9505	9450
IV.	DEVELOPMENTAL	3423	3513	3678	3746	3661	3680	3515	3423	3447	3377	3283	3365	3360	3290	3045	2940
V.	VIOLENT DEATHS*	743	772	826	835	807	795	790	760	745	752	754	744	763	793	762	723
	(ORDERS.)																
I.	1. MIASMATIC DISEASES	4319	5632	5489	5184	5241	4005	5174	4822	5139	5185	4518	3593	4478	4164	3714	3255
	2. ENTHETIC	72	77	87	94	90	90	98	97	94	91	93	91	97	105	103	100
	3. DIETIC	107	121	137	142	137	130	133	122	117	115	110	108	128	140	128	148
	4. PARASITIC	53	57	57	69	54	63	60	54	61	57	52	58	61	64	60	56
II.	1. DIATHETIC	816	819	845	839	832	826	793	807	785	755	745	755	758	736	719	728
	2. TUBERCULAR	3312	3331	3392	3422	3449	3389	3181	3189	3200	3101	3023	2941	2825	3039	2908	2885
III.	1. DISEASES OF NERVOUS SYSTEM	2769	2824	2896	2902	2912	2845	2802	2835	2867	2765	2743	2838	2897	2950	2807	2761
	2. " OF ORGANS OF CIRCULATION	930	959	1089	1072	1056	1074	1051	1147	1134	1161	1183	1227	1276	1366	1324	1404
	3. " OF RESPIRATORY ORGANS	3358	3308	3663	3369	3678	3402	2939	3704	3690	3623	3205	3691	3860	4354	3731	3620
	4. " OF DIGESTIVE ORGANS	966	1008	1017	1049	1004	990	1000	982	981	957	951	962	1019	1054	1019	1006
	5. " OF URINARY ORGANS	265	274	297	302	315	327	320	337	337	338	343	368	380	416	410	421
	6. " OF ORGANS OF GENERATION	61	60	63	60	59	62	58	59	58	55	56	55	55	59	53	57
	7. " OF ORGANS OF LOCOMOTION	79	87	90	90	78	82	86	85	85	88	84	85	87	89	88	97
	8. " OF INTEGUMENTARY SYSTEM	56	64	67	59	60	58	63	63	64	62	57	62	79	85	73	84
IV.	1. DEV. DIS. OF CHILDREN	636	663	676	691	696	691	668	654	667	672	695	688	696	786	755	743
	2. " OF ADULTS	109	124	127	124	123	116	113	102	112	114	109	107	125	113	104	87
	3. " OF OLD PEOPLE	1331	1340	1434	1382	1361	1350	1213	1287	1297	1242	1175	1263	1219	1198	1055	1066
	4. DISEASES OF NUTRITION	1347	1386	1441	1549	1481	1523	1521	1380	1371	1349	1309	1307	1320	1193	1131	1044
V.	1. ACCIDENT OR NEGLIGENCE*	656	685	741	747	719	714	698	669	658	669	671	661	677	710	671	639
	2. BATTLE*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	3. HOMICIDE	21	20	20	21	23	18	21	18	17	17	17	18	17	15	17	14
	4. SUICIDE	65	66	64	67	64	62	70	73	70	66	66	65	68	67	73	69
	5. EXECUTION	1	1	1	*3	*6	*5	*5	*4	*3	*2	*4	*4	*8	1	1	*9
	SUDDEN DEATHS, CAUSE UNASCERTAINED	188	147	162	153	173	165	137	140	143	140	135	144	146	118	105	104
	CAUSES ILL-DEFINED OR NOT SPECIFIED	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†

* See note referring to classification of deaths from violence on page 248.
 † The deaths of which the cause was ill-defined or not specified have been distributed proportionally over all the causes in the Table.

TABLE 2. (continued.)—Causes of Death registered in England in each of the 16 Years 1862-77. To 1,000,000 PERSONS LIVING, the DEATHS from each CLASS of CAUSES, and from each CAUSE.

Class.	CAUSES OF DEATH.	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877
I.	ORDER 1.																
	1. Small-pox	81	293	373	309	144	118	96	72	118	1024	833	102	92	40	100	175
	2. Measles	487	558	404	412	521	310	541	475	359	411	373	319	522	259	413	370
	3. Scarlet Fever	738	1498	1443	852	556	580	1020	1275	1461	822	521	567	1062	861	700	591
	4. Diphtheria	244	320	265	200	143	123	140	120	121	112	94	109	152	143	131	112
	5. Quinsy	16	16	18	15	13	9	10	8	6	6	5	7	7	9	6	9
	6. Croup	282	342	329	285	246	207	209	206	193	183	159	185	214	191	174	160
	7. Whooping-cough	610	554	416	416	751	559	430	505	534	459	603	414	442	600	437	464
	(Typhus Fever - - -)																
	8. Enteric or Typhd. Fev. (Simple Contd. Fever)	931	886	977	1109	1005	795	917	197	148	122	81	71	75	63	49	47
	9. Erysipelas	76	94	102	95	80	68	91	87	96	99	78	88	144	128	97	86
	10. Puerperal Fever (Metria)	47	57	72	64	57	50	56	54	67	65	61	75	132	105	72	59
	11. Carbuncle	10	12	13	13	11	11	11	11	9	10	8	9	8	10	9	11
	12. Influenza	45	45	39	29	31	29	14	32	28	15	12	11	10	19	8	8
	13. Dysentery	52	52	49	52	52	45	52	40	37	35	36	31	29	31	26	24
	14. Diarrhoea	552	735	798	1133	818	937	1338	918	1136	1069	969	940	1009	904	1009	601
	15. Cholera	25	40	45	62	635	43	70	32	48	38	35	32	25	23	25	13
	16. Ague	7	7	5	6	6	6	4	5	5	6	4	5	5	4	5	5
	17. Remittent Fever	14	10	10	4	6	4	3	4	7	6	4	3	3	3	2	3
	18. Rheumatism	97	107	124	122	111	106	117	127	125	121	107	108	136	170	151	146
	19. Other Zymotic Diseases	5	6	7	6	5	5	5	5	5	5	4	4	5	10	10	10
	ORDER 2.																
	1. Syphilis	62	68	75	81	79	80	88	85	84	77	80	80	85	90	89	86
	2. Stricture of Urethra	10	9	11	12	9	9	9	11	9	11	10	10	13	12	11	11
	3. Hydrophobia	*05	*2	*6	1	2	*5	*8	*1	*2	*3	*1	*2	*2	*2	*3	*3
	4. Glanders	*2	*2	*1	*2	*2	*2	*1	*2	*2	*3	*1	*2	*4	*1	*2	*2
	ORDER 3.																
	1. Privation	4	3	5	4	4	5	4	2	4	4	3	3	3	5	4	2
	2. Want of Breast Milk	50	57	61	68	67	68	71	66	63	55	53	50	61	65	52	68
	3. Purpura and Scurvy	18	20	19	20	22	22	22	19	21	24	23	21	19	22	26	31
	4. Alco-) a Del. Tremens holism) b Intemperance	23	23	29	29	23	17	20	20	15	16	14	16	21	21	19	17
	ORDER 4.																
	1. Thrush	45	47	49	60	46	55	52	47	54	50	45	50	53	54	52	47
	2. Worms, &c.	8	10	8	9	8	8	8	7	7	7	8	8	10	8	8	9
II.	ORDER 1.																
	1. Gout	14	12	15	17	17	18	18	21	21	20	20	20	23	25	25	27
	2. Dropsy	360	365	359	364	349	334	293	261	241	225	218	200	159	149	145	145
	3. Cancer	368	368	394	381	395	403	413	429	431	420	437	451	469	480	481	496
	4. Cancrum Oris (Noma)	10	9	8	9	8	8	7	5	5	6	3	5	5	5	5	5
	5. Mortification	64	65	69	68	63	63	62	60	67	59	67	63	61</			

TABLE 2. (continued.)—Causes of Death registered in England in each of the 16 Years 1862-77. To 1,000,000 PERSONS LIVING, the DEATHS from each CLASS of CAUSES, and from each CAUSE.

Class.	CAUSES OF DEATH.	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877
	9. Stricture of Intestines - -	13	14	14	13	15	13	13	13	12	13	14	13	13	15	16	19
	10. Fistula - - - - -	5	4	5	4	5	5	4	4	5	5	5	4	4	5	4	4
	11. Stomach Disease, &c. - -	136	133	133	139	140	139	141	126	127	118	111	115	116	110	103	121
	12. Pancreas Disease, &c. - -	1	1	5	1	8	8	5	4	6	1	6	4	1	4	2	2
	13. Hepatitis - - - - -	63	69	69	71	67	62	63	61	60	56	55	55	60	70	61	53
	14. Jaundice - - - - -	64	70	74	75	70	70	71	76	70	70	71	69	69	74	72	69
	15. Liver Disease, &c. - -	233	239	249	280	269	261	255	260	253	260	266	265	285	305	295	296
	16. Spleen Disease, &c. - -	5	4	3	3	4	4	4	4	4	4	5	3	4	4	5	5
	ORDER 5.																
	1. Nephritis - - - - -	14	16	19	18	19	21	23	25	30	28	26	30	37	41	41	36
	2. Ischuria - - - - -	5	7	6	7	6	5	6	5	6	5	5	4	5	6	6	5
	3. Bright's Dis. (Nephria)	77	84	87	90	97	104	97	115	117	127	136	142	162	169	195	195
	4. Diabetes - - - - -	29	27	32	32	32	32	31	34	33	36	34	36	37	39	38	41
	5. Calculus (Stone) - - -	10	8	9	9	9	10	9	9	9	9	10	9	10	10	10	10
	6. Cystitis - - - - -	17	17	19	16	19	18	22	20	19	19	21	23	23	27	25	26
	7. Kidney Disease, &c. - -	113	115	125	130	133	138	132	128	124	123	121	128	128	132	120	108
	ORDER 6.																
	1. Ovarian Dropsy - - -	14	13	13	10	10	12	10	11	10	9	9	7	14	14	15	15
	2. Uterus Disease, &c. - -	47	47	50	50	49	50	48	48	48	46	47	46	48	45	39	42
	ORDER 7.																
	1. Synovitis (Arthritis) - -	3	4	4	4	3	4	4	4	5	4	4	5	6	5	7	7
	2. Joint Disease, &c. - -	76	83	86	86	75	78	82	81	80	84	80	81	82	83	83	90
	ORDER 8.																
	1. Phlegmon - - - - -	21	26	27	22	23	20	26	26	30	27	23	27	40	39	35	43
	2. Ulcer - - - - -	19	21	22	20	19	21	20	19	16	17	16	17	19	21	16	16
	3. Skin Disease, &c. - - -	16	17	18	17	18	17	18	18	18	18	18	18	20	25	22	25
IV.	ORDER 1.																
	1. Premature Birth - - -	333	399	405	423	426	423	409	399	413	423	451	440	448	491	475	474
	2. Cyanosis - - - - -	23	22	23	23	24	23	25	25	27	25	25	24	24	29	32	35
	3. Spina Bifida - - - - -	19	20	18	18	20	18	19	21	19	17	20	21	20	23	26	27
	4. Other Malformations - -	21	20	22	21	22	24	22	21	20	20	20	19	20	24	20	24
	5. Teething - - - - -	190	202	208	206	204	203	193	188	188	182	179	184	184	219	202	183
	ORDER 2.																
	1. Paramenia - - - - -	3	4	4	4	5	5	6	6	5	5	4	4	5	5	5	5
	2. Childbirth (see Metria) -	106	120	123	120	118	111	107	96	107	109	105	103	120	108	99	82
	ORDER 3.																
	1. Old Age - - - - -	1331	1340	1434	1382	1361	1350	1213	1287	1297	1242	1175	1263	1219	1198	1055	1066
	ORDER 4.																
	1. Atrophy and Debility - -	1347	1386	1441	1549	1481	1523	1521	1380	1371	1349	1309	1307	1320	1193	1131	1044
V.	ORDER 1.*																
	(ACCIDENT OR NEGLIGENCE).																
	1. Fractures and Contusions	237	238	316	330	317	310	303	291	289	303	307	312	314	321	302	289
	2. Gunshot Wounds - - -	6	5	6	5	6	6	5	5	6	4	3	5	4	3	4	4
	3. Cut, Stab - - - - -	3	4	6	4	5	5	5	6	4	5	5	3	6	6	5	5
	4. Burns and Scalds - - -	138	136	145	131	121	123	119	117	116	116	96	98	109	109	102	90
	5. Poison - - - - -	13	14	13	13	13	13	13	12	11	12	10	13	13	13	12	13
	6. Drowning - - - - -	122	122	132	136	133	126	136	124	112	115	131	116	111	134	124	123
	7. Suffocation - - - - -	61	56	61	63	60	64	56	61	64	67	63	67	67	72	71	69
	8. Otherwise - - - - -	46	60	62	65	64	67	61	53	56	48	49	50	53	52	51	36
	ORDER 3.																
	(HOMICIDE.)																
	1. Murder and Manslaughter	21	20	20	21	23	18	21	18	17	17	17	18	17	15	17	14
	ORDER 4.																
	(SUICIDE.)																
	1. Gunshot Wounds - - -	3	3	3	3	3	3	5	3	3	3	2	3	4	3	3	4
	2. Cut, Stab - - - - -	11	13	12	12	13	13	16	14	13	13	13	15	15	15	13	13
	3. Poison - - - - -	6	6	7	7	6	6	6	7	7	6	6	6	6	7	7	7
	4. Drowning - - - - -	10	12	10	11	10	11	14	13	14	14	15	14	12	14	16	15
	5. Hanging - - - - -	30	28	27	28	25	22	26	28	26	24	25	25	25	24	26	25
	6. Otherwise - - - - -	5	4	5	6	7	7	6	6	6	6	5	5	6	4	6	5
	ORDER 5.																
	(EXECUTION.)																
	1. Hanging - - - - -	1	1	1	3	5	5	4	3	3	2	4	4	8	1	1	9
	Sudden Deaths (Cause unascertained) - - - -	138	147	162	153	173	165	137	140	143	140	135	144	146	118	105	104
	Causes ill-defined or not specified - - - - -	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†

* See note referring to classification of deaths from violence on page 248.
† The deaths of which the cause was ill-defined or not specified have been distributed proportionally over all the causes in the Table.

TABLE 3.—Causes of Death in England in 1877. PROPORTIONAL NUMBERS DYING FROM EACH CLASS OF CAUSES, and from EACH CAUSE, to 1,000,000 DEATHS FROM SPECIFIED CAUSES.

Class.	CAUSES OF DEATH.	Proportional Numbers to 1,000,000 Deaths from specified Causes.		Class.	CAUSES OF DEATH.	Proportional Numbers to 1,000,000 Deaths from specified Causes.		Class.	CAUSES OF DEATH.	Proportional Numbers to 1,000,000 Deaths from specified Causes.	
		10 Years 1867-76.	Year 1877.			10 Years 1867-76.	Year 1877.			10 Years 1867-76.	Year 1877.
	ALL CAUSES - - - - -	1,000,000	1,000,000								
	(CLASSES.)										
I.	ZYMOTIC DISEASES	214,946	174,561								
II.	CONSTITUTIONAL	174,189	177,186								
III.	LOCAL	416,971	463,485								
IV.	DEVELOPMENTAL	152,987	144,204								
V.	VIOLENT DEATHS*	34,688	35,464								
	SUDDEN DEATHS, CAUSE UNASCERTAINED - -	6,219	5,100								
	(ORDERS.)										
I.	1. MIASMATIC DISEASES	202,370	169,714								
	2. ENTHETIC	4,343	4,385								
	3. DIETIC	5,565	7,236								
	4. PARASITIC	2,668	2,726								
II.	1. DIATHETIC	34,768	35,723								
	2. TUBERCULAR	139,421	141,463								
III.	DISEASES OF--										
	1. NERVOUS SYSTEM -	123,399	135,396								
	2. ORGANS OF CIRCULATION -	54,124	68,847								
	3. RESPIRATORY ORGANS -	163,838	177,570								
	4. DIGESTIVE ORGANS -	44,909	49,342								
	5. URINARY ORGANS -	16,206	20,644								
	6. ORGANS OF GENERATION -	2,585	2,808								
	7. ORGANS OF LOCOMOTION -	3,822	4,759								
	8. INTEGUMENTARY SYSTEM -	3,018	4,119								
IV.	1. DEV. DISEASES OF CHILDREN -	31,594	36,457								
	2. " ADULTS -	5,057	4,244								
	3. " OLD PEOPLE -	55,659	52,298								
	4. DIS. OF NUTRITION -	60,677	51,205								
V.	1. ACCIDENT OR NEGLIGENCE*	30,782	31,315								
	2. BATTLE - - - - -	*	*								
	3. HOMICIDE - - - - -	795	696								
	4. SUICIDE - - - - -	3,087	3,407								
	5. EXECUTION - - - - -	24	46								
I.	ORDER 1.										
	1. Small-pox - - - - -	11,781	8,579								
	2. Measles - - - - -	17,949	18,139								

TABLE 4.*—Mean Annual Rate of Mortality in England from each CLASS of CAUSES and from each CAUSE of DEATH during the 25 Years 1850-74, and in each Quinquenniad of that Period; also the Rate of Mortality in the Years 1875, 1876, and 1877.

CLASSES.	CAUSES OF DEATH.	ANNUAL DEATHS to 1,000,000 LIVING.								
		25 Years 1850-74.	5 Years 1850-54.	5 Years 1855-59.	5 Years 1860-64.	5 Years 1865-69.	5 Years 1870-74.	Year 1875.	Year 1876.	Year 1877.
	ALL CAUSES - -	22282.8	22299.3	22052.6	22248.7	22760.4	22053.0	22,822	21,049	20,389
	SPECIFIED CAUSES-	22056.6	21877.3	21785.2	22102.5	22606.8	21911.4	22,704	20,944	20,285
	(CLASSES.)									
I.	ZYMOTIC DISEASES	5038.7	5234.1	5039.2	4899.3	5171.8	4849.2	4473	4005	3559
II.	CONSTITUTIONAL "	4205.4	4598.6	4311.6	4194.0	4145.4	3777.6	3775	3627	3613
III.	LOCAL "	8499.7	7644.6	8124.4	8676.6	8887.2	9165.6	10,373	9505	9450
IV.	DEVELOPMENTAL,,	3551.5	3653.8	3568.4	3563.0	3605.0	3367.4	3290	3045	2940
V.	VIOLENT DEATHS †	761.3	746.2	741.6	769.6	797.4	751.6	793	762	723
	(ORDERS.)									
I.	1. MIASMATIC DISEASES	4789.4	5019.2	4807.2	4652.8	4885.2	4582.6	4164	3714	3255
	2. ENTHETIC "	74.7	51.5	61.4	73.5	93.8	93.2	105	103	100
	3. DIETIC "	113.6	97.6	106.0	116.4	132.8	115.6	140	128	148
	4. PARASITIC "	61.0	65.8	64.6	56.6	60.0	57.8	64	60	56
II.	1. DIATHETIC "	842.5	943.6	863.6	826.4	819.4	759.6	736	719	728
	2. TUBERCULAR "	3362.9	3655.0	3448.0	3367.6	3326.0	3018.0	3039	2908	2885
III.	DISEASES OF—									
	1. NERVOUS SYSTEM -	2807.9	2777.0	2758.0	2823.4	2859.2	2822.0	2950	2807	2761
	2. ORGANS OF CIRCULATION.	949.7	700.0	803.6	968.6	1080.0	1196.2	1366	1324	1404
	3. RESPIRATORY ORGANS.	3273.1	2769.0	3155.2	3409.2	3418.4	3613.8	4354	3731	3620
	4. DIGESTIVE ORGANS	1005.3	1039.0	1005.0	1003.6	1005.0	974.0	1054	1019	1006
	5. URINARY ORGANS -	272.3	190.6	227.0	270.6	320.2	353.2	416	410	421
	6. ORGANS OF GENERATION.	57.0	52.4	57.4	59.6	59.6	55.8	59	53	57
	7. ORGANS OF LOCOMOTION.	77.4	66.2	68.2	82.6	84.2	85.8	89	88	97
	8. INTEGUMENTARY SYSTEM.	57.0	50.4	50.0	59.0	60.6	64.8	85	73	84
IV.	1. DEV. DISEASES OF CHILDREN.	870.1	1335.0	995.4	656.4	680.0	683.6	786	755	743
	2. " ADULTS -	116.3	128.0	108.0	116.6	115.6	113.4	113	104	87
	3. " OLD PEOPLE	1373.7	1493.8	1431.0	1386.2	1318.6	1239.2	1198	1055	1066
	4. DIS. OF NUTRITION -	1191.4	697.0	1034.0	1403.8	1490.8	1331.2	1193	1131	1044
V.	1. ACCIDENT OR NEGLIGENCE. †				683.0	709.5	637.0	710	671	639
	2. BATTLE † - - -									
	3. HOMICIDE - - -	761.3	746.2	741.6	19.2	20.2	17.2	15	17	14
	4. SUICIDE - - -				66.6	67.2	67.0	67	73	69
	5. EXECUTION - - -				.8	.5	.4	1	1	.9
	SUDDEN DEATHS, CAUSE UNASCERTAINED.	165.4	207.2	178.2	146.2	153.6	141.6	118	105	104
	CAUSES NOT CLASSIFIED OR DISTRIBUTED.	‡60.8	214.8	89.2						

* The rates given in this Table for the various groups of years are the means of the calculated rates in the several years. Under some of the separate headings the means cannot be given for the entire period, as the classification in full detail has not been made during the whole 25 years. In a certain number of cases in each year the cause of death is not stated; in calculating the proportional numbers since 1853 these have been distributed ratably over all the specified causes in the Table.
 † See note referring to the classification of deaths from violence on page 248.
 ‡ Average in 10 years.

TABLE 4.* (continued.) Mean Annual Rate of Mortality in England from each CLASS of CAUSES and from each CAUSE of DEATH during the 25 Years 1850-74, and in each Quinquenniad of that Period; also the Rate of Mortality in the Years 1875, 1876, and 1877.

CLASSES.	CAUSES OF DEATH.	ANNUAL DEATHS to 1,000,000 LIVING.								
		25 Years 1850-74.	5 Years 1850-54.	5 Years 1855-59.	5 Years 1860-64.	5 Years 1865-69.	5 Years 1870-74.	Year 1875.	Year 1876.	Year 1877.
I.	ORDER 1.									
	1 Small-pox - - -	250.0	279.0	199.0	190.6	147.8	433.8	40	100	175
	2 Measles - - -	428.2	406.0	412.0	478.2	451.8	392.8	259	413	370
	3 Scarlet Fever - - -				925.6	856.6	886.6	861	700	501
	4 Diphtheria - - -	1038.0	890.8	1103.6	264.2	145.2	117.6	148	131	112
	5 Quinsy - - -	16.1	22.4	24.2	16.6	11.0	6.2	9	6	9
	6 Croup - - -	240.6	225.2	281.0	279.4	230.6	186.8	191	174	160
	7 Whooping-cough - -	514.6	496.6	527.0	527.0	532.2	490.4	600	437	464
	8 { Typhus Fever - - -						99.4	63	49	47
	8 { Enteric or Typhoid Fever - - -	866.2	995.0	897.6	846.6	934.4	381.2	374	313	281
	8 { Simple Continued Fever - - -						176.6	111	83	80
	9 Erysipelas - - -	97.7	111.6	104.6	87.0	84.2	101.0	128	97	86
	10 PuerperalFev. (Metria)	59.9	54.0	55.2	54.2	56.2	30.0	105	72	59
	11 Carbuncle - - -	11.4	12.0	13.0	11.6	11.4	8.8	10	9	11
	12 Influenza - - -	53.6	36.6	94.2	45.0	27.0	15.2	19	8	8
	13 Dysentery - - -	67.2	120.6	77.2	56.6	48.2	33.6	31	26	24
	14 Diarrhoea - - -	890.6	867.4	888.6	704.6	1038.8	1003.6	1009	904	601
	15 Cholera - - -	119.7	305.8	45.0	33.8	178.4	35.6	23	25	13
	16 Ague - - -	7.2	9.2	9.6	7.2	5.4	4.8	5	4	5
	17 Remittent Fever - -	15.5	35.2	21.0	12.6	4.2	4.6	3	2	3
	18 Rheumatism - - -	109.6	101.8	104.4	106.0	116.6	119.4	170	151	146
	19 Other Zymotic Diseases	‡5.3			6.0	5.2	4.6	10	10	10
	ORDER 2.									
	1 Syphilis - - -	63.0	37.2	50.9	63.6	82.3	81.0	90	89	86
	2 Stricture of Urethra -	10.6	13.4	10.0	9.4	10.0	10.2	13	12	11
	3 Hydrophobia - - -	.9	.9	.4	.3	.9	1.8	2	2	3
	4 Glanders - - -	‡.0		.1	.2	.6	.2	.4	.1	.2
	ORDER 3.									
	1 Privation - - -	3.6	3.8	3.6	3.6	3.8	3.4	5	4	2
	2 Want of Breast-milk -	51.5	33.0	46.0	53.8	68.0	56.4	65	52	68
	3 Purpura and Scurvy -	18.3	14.4	15.6	19.0	21.0	21.6	22	26	31
	4 Alcohol { a Del.Tremens	23.2	28.6	25.6	23.8	21.8	16.4	21	19	17
	4 Alcohol { b Intemperance	17.0	17.8	15.2	16.2	18.2	17.8	27	27	30
	ORDER 4.									
	1 Thrush - - -	55.5	65.8	61.4	48.0	52.0	50.4	54	52	47
	2 Worms, &c. - - -	‡6.8		3.2	8.6	8.0	7.4	10	8	9
II.	ORDER 1.									
	1 Gout - - -	15.6	12.4	13.2	13.4	18.2	20.8	25	25	27
	2 Dropsy - - -	385.1	549.4	450.8	370.0	326.4	229.0	159	149	145
	3 Cancer - - -	369.2	302.2	327.4	368.8	404.2	443.4	480	481	496
	4 Cancerum Oris (Noma)	7.2	6.0	9.0	8.4	7.4	5.0	5	5	5
	5 Mortification - - -	65.4	73.6	63.2	65.8	63.2	61.4	67	59	55
	ORDER 2.									
	1 Scrofula - - -	142.4	144.8	153.4	160.4	135.8	117.6	130	123	143
	2 Tabes Mesenterica -	282.6	264.8	261.4	272.2	315.6	299.2	362	322	319
	3 Phthisis - - -	2567.2	2811.2	2647.6	2566.4	2527.8	2282.8	2224	2145	2101
	4 Hydrocephalus - - -	370.7	434.2	385.6	368.6	346.8	318.4	323	313	322

* See note to page 258.

‡ Average in 15 years.

† Average in 20 years.

TABLE 4* (continued).—Mean Annual Rate of Mortality in England from each CLASS of CAUSES and from each CAUSE of DEATH during the 25 Years 1850-74, and in each Quinquenniad of that Period; also the Rate of Mortality in the Years 1875, 1876, and 1877.

CLASSES.	CAUSES OF DEATH.	ANNUAL DEATHS to 1,000,000 LIVING.									
		25 Years 1850-74.	5 Years 1850-54.	5 Years 1855-59.	5 Years 1860-64.	5 Years 1865-69.	5 Years 1870-74.	Year 1875.	Year 1876.	Year 1877.	
III.	ORDER 1.										
	1 Cephalitis - - -	198.5	199.0	180.6	182.8	203.8	226.4	287	281	283	
	2 Apoplexy - - -	477.8	454.2	447.4	468.6	495.0	523.8	559	548	543	
	3 Paralysis - - -	486.3	440.2	465.4	498.8	505.8	526.0	540	497	488	
	4 Insanity - - -	30.0	29.2	23.8	28.0	30.4	38.6	42	39	62	
	5 Chorea - - -	3.2	3.6	3.0	3.2	3.4	2.8	4	3	3	
	6 Epilepsy - - -	114.5	105.8	115.4	122.8	114.6	114.0	124	118	120	
	7 Convulsions - -	1265.8	1352.6	1311.2	1276.0	1247.4	1141.8	1095	1052	988	
	8 Brain Disease, &c.	231.8	192.4	211.2	248.2	258.8	248.6	239	269	274	
	ORDER 2.										
1 Pericarditis - -	29.4	32.6	30.4	28.8	27.4	27.8	33	28	29		
2 Aneurism - - -	21.3	16.2	17.8	20.2	24.4	27.8	31	33	34		
3 Heart Disease, &c.	899.0	651.2	755.4	919.6	1028.2	1140.6	1302	1263	1341		
ORDER 3.											
1 Laryngitis - - -	68.0	59.0	69.0	70.0	66.2	75.6	91	80	76		
2 Bronchitis - - -	1596.5	1016.4	1358.6	1658.2	1839.2	2110.0	2651	2240	2208		
3 Pleurisy - - -	46.4	51.4	49.2	43.2	42.4	45.6	62	53	46		
4 Pneumonia - - -	1163.1	1239.0	1294.2	1199.2	1073.2	1010.2	1141	1015	969		
5 Asthma - - -	203.2	258.2	238.0	201.2	171.6	147.0	152	115	101		
6 Lung Disease, &c.	195.9	145.0	146.2	237.4	225.8	225.4	257	228	220		
ORDER 4.											
1 Gastritis - - -	38.2	37.2	42.6	39.8	35.8	35.8	43	42	38		
2 Enteritis - - -	162.1	209.0	174.6	157.2	141.8	128.2	133	129	119		
3 Peritonitis - - -	77.9	72.4	75.0	79.2	76.6	86.2	91	86	81		
4 Ascites - - -	35.4	39.6	39.4	36.6	33.4	28.0	22	22	20		
5 Ulceration of Intestines	45.6	50.8	45.8	43.0	42.8	45.4	52	51	51		
6 Hernia - - -	42.7	41.2	43.8	41.4	43.0	44.0	48	45	45		
7 Ileus - - -	59.1	63.8	60.2	57.4	56.4	57.6	65	64	67		
8 Intussusception - -	14.0	13.6	13.4	13.2	13.6	16.0	18	19	18		
9 Stricture of Intestines	13.7	14.2	14.0	14.0	13.4	13.0	15	16	19		
10 Fistula - - -	5.0	5.8	5.0	5.2	4.4	4.8	4	5	4		
11 Stomach Disease, &c.	128.8	118.6	132.2	138.6	137.0	117.4	110	108	121		
12 Pancreas Disease, &c.	.7	.6	.8	.8	.7	.7	.4	.4	.2		
13 Hepatitis - - -	69.7	83.6	75.2	67.8	64.8	57.2	70	61	53		
14 Jaundice - - -	69.9	69.6	69.6	68.0	72.4	69.8	74	72	69		
15 Liver Disease, &c.	238.8	215.2	210.2	237.6	265.1	265.9	305	295	296		
16 Spleen Disease, &c.	3.7	3.8	3.2	3.8	3.8	4.0	4	4	5		
ORDER 5.											
1 Nephritis - - -	18.3	11.0	14.0	15.2	21.2	30.2	41	41	36		
2 Ischuria - - -	5.5	5.8	5.2	5.6	5.8	5.0	5	6	5		
3 Bright's Disease (Nephria).	78.5	32.0	53.6	78.4	100.6	127.8	162	169	195		
4 Diabetes - - -	28.7	23.0	24.8	28.4	32.2	35.2	39	38	41		
5 Calculus (Stone) - -	10.0	12.0	11.0	8.8	9.2	9.2	10	10	10		
6 Cystitis - - -	16.8	13.0	14.0	17.0	19.0	21.0	27	26	26		
7 Kidney Disease, &c.	114.5	93.8	104.4	117.2	132.2	124.8	132	120	108		
ORDER 6.											
1 Ovarian Dropsy - -	11.1	11.4	12.0	12.8	10.6	8.8	14	14	15		
2 Uterus Disease, &c.	45.9	41.0	45.4	46.8	49.0	47.0	45	39	42		
ORDER 7.											
1 Synovitis (Arthritis) -	4.0	4.2	3.8	3.6	3.8	4.4	6	5	7		
2 Joint Disease, &c.	73.4	62.0	64.4	79.0	80.4	81.4	83	83	99		

* See note to page 258.

TABLE 4* (continued).—Mean Annual Rate of Mortality in England from each CLASS of CAUSES and from each CAUSE of DEATH during the 20 Years 1850-74, and in each Quinquenniad of that Period; also the Rate of Mortality in the Years 1875, 1876, and 1877.

CLASSES.	CAUSES OF DEATH.	ANNUAL DEATHS to 1,000,000 LIVING.									
		25 Years 1850-74.	5 Years 1850-54.	5 Years 1855-59.	5 Years 1860-64.	5 Years 1865-69.	5 Years 1870-74.	Year 1875.	Year 1876.	Year 1877.	
ORDER 8.											
	1 Phlegmon - - -	23.0	20.2	18.2	23.6	23.4	29.4	39	35	43	
	2 Ulcer - - -	18.3	18.4	16.4	19.8	19.8	17.0	21	16	16	
	3 Skin Disease, &c. - -	15.7	11.8	15.4	15.6	17.4	18.4	25	22	25	
IV.	ORDER 1.										
	1 Premature Birth - -	694.9	1043.6	737.0	392.0	416.0	436.0	491	475	474	
	2 Cyanosis - - -	20.7	14.0	18.6	21.8	24.0	25.0	29	32	35	
	3 Spina Bifida - - -	17.4	13.2	16.0	19.0	19.2	19.4	23	26	27	
	4 Other Malformations -	20.5	20.0	19.4	21.2	22.0	19.8	24	20	24	
	5 Teething - - -	206.6	244.2	204.4	202.4	198.8	183.4	219	202	183	
	ORDER 2.										
	1 Paramenia - - -	4.3	5.4	3.0	3.2	5.2	4.6	5	5	5	
	2 Childbirth (see Metria)	112.0	122.6	105.0	113.4	110.4	108.8	108	99	82	
	ORDER 3.										
1 Old Age - - -	1373.7	1493.8	1431.0	1386.2	1318.6	1239.2	1198	1055	1066		
ORDER 4.											
1 Atrophy and Debility -	1191.4	697.0	1034.0	1403.8	1490.8	1331.2	1193	1131	1044		
V.	ORDER 1.										
	(ACCIDENT or NEGLIGENCE.)†										
	1 Fractures and Contusions.				285.8	310.3	304.8	321	302	299	
	2 Gunshot Wounds - -				5.6	5.4	4.4	3	4	4	
	3 Cut, Stab - - -				3.8	5.0	4.6	6	5	5	
	4 Burns and Scalds - -				146.8	122.2	107.0	109	102	90	
	5 Poison - - -				13.0	12.8	11.4	13	12	13	
	6 Drowning - - -				121.8	131.0	117.0	134	124	123	
	7 Suffocation - - -				56.6	60.8	66.6	72	71	69	
	8 Otherwise - - -				49.6	62.0	51.2	52	51	36	
ORDER 3.											
(HOMICIDE.)											
1 Murder and Manslaughter.	761.3	746.2	741.6	19.2	20.2	17.2	15	17	14		
ORDER 4.											
(SUICIDE.)											
1 Gunshot Wounds - -				3.0	3.4	3.0	3	3	4		
2 Cut, Stab - - -				12.6	13.4	13.6	15	15	13		
3 Poison - - -				6.6	6.4	6.2	7	7	7		
4 Drowning - - -				10.8	11.8	13.8	14	16	15		
5 Hanging - - -				29.0	25.8	24.8	24	26	25		
6 Otherwise - - -				4.6	6.4	5.6	4	6	5		
ORDER 5.											
(EXECUTION.)											
1 Hanging - - -				.8	.5	.4	1	1	.9		
Sudden Deaths (Cause unascertained).	165.4	207.2	178.2	146.2	153.6	141.6	118	105	104		
Causes not classified or distributed.	130.8	214.8	89.2	-	-	-	-	-	-		

* See note to page 258. † See note referring to the classification of deaths from violence on page 248. ‡ Average in 10 years.

TABLE 5.—Causes of Death in England in the Year 1877, arranged in the order of their fatality.

CAUSES OF DEATH.	Number of Deaths registered in the Year 1877.	Proportional Number from each Cause to 1,000,000 Deaths from Specified Causes.*	CAUSES OF DEATH.	Number of Deaths registered in the Year 1877.	Proportional Number from each Cause to 1,000,000 Deaths from Specified Causes.*
Bronchitis - - - -	54,006	108,308	Phlegmon - - - -	1,036	2,078
Phthisis - - - -	51,353	102,986	Diabetes - - - -	1,006	2,017
Heart Disease - - -	32,802	65,783	Gastritis - - - -	941	1,887
Old Age - - - -	26,078	52,298	Nephritis - - - -	890	1,785
Atrophy and Debility - -	25,533	51,205	Accident (not classed) - -	875	1,755
Convulsion - - - -	24,147	48,426	Cyanosis - - - -	844	1,693
Pneumonia - - - -	23,696	47,522	Aneurism - - - -	820	1,644
Diarrhœa - - - -	14,703	29,487	Purpura and Scurvy - - -	757	1,518
Scarlet Fever - - - -	14,456	28,992	Intemperance - - - -	734	1,472
Apoplexy - - - -	13,283	26,638	Pericarditis - - - -	708	1,420
Cancer - - - -	12,122	24,310	Gout - - - -	659	1,322
Paralysis - - - -	11,937	23,939	Spina Bifida - - - -	653	1,310
Premature Birth - - - -	11,618	23,299	Hanging (Suicide) - - -	629	1,260
Whooping-cough - - -	11,358	22,778	Cystitis - - - -	628	1,259
Measles - - - -	9,045	18,139	Skin Disease - - - -	617	1,237
Hydrocephalus - - - -	7,881	15,805	Malformations - - - -	594	1,191
Tabes Mesenterica - - -	7,812	15,667	Dysentery - - - -	579	1,161
Fractures and Contusions } (Accident) - - - -	7,317	14,674	Ascites - - - -	499	1,001
Liver Disease - - - -	7,232	14,502	Stricture of Intestines - -	465	933
Cephalitis - - - -	6,910	13,858	Intussusception - - - -	429	860
Enteric Fever - - - -	6,879	13,796	Delirium Tremens - - - -	412	826
Brain Disease - - - -	6,700	13,437	Uleer - - - -	401	804
Lung Disease - - - -	5,387	10,803	Drowning (Suicide) - - -	374	750
Bright's Disease (Nephria) -	4,763	9,553	Ovarian Dropsy - - - -	355	712
Teething - - - -	4,470	8,964	Murder and Manslaughter -	347	696
Small-pox - - - -	4,278	8,579	Poison (Accident) - - - -	315	632
Croup - - - -	3,910	7,841	Cut, Stab (Suicide) - - -	312	626
Rheumatism - - - -	3,574	7,167	Cholera - - - -	309	620
Dropsy - - - -	3,556	7,131	Stricture of Urethra - - -	268	537
Scrofula - - - -	3,493	7,005	Carbuncle - - - -	263	527
Drowning (Accident) - - -	3,012	6,040	Zymotic Diseases (not classed)	252	505
Stomach Disease - - - -	2,965	5,946	Calculus (Stone) - - - -	245	491
Epilepsy - - - -	2,946	5,908	Quinsy - - - -	232	465
Enteritis - - - -	2,899	5,814	Worms - - - -	225	451
Diphtheria - - - -	2,731	5,477	Influenza - - - -	205	411
Kidney Disease - - - -	2,635	5,284	Poison (Suicide) - - - -	168	337
Sudden Deaths - - - -	2,543	5,100	Synovitis (Arthritis) - - -	166	333
Asthma - - - -	2,489	4,951	Cancerum Oris (Noma) - - -	134	269
Joint Disease - - - -	2,207	4,426	Ague - - - -	127	255
Burns and Scalds (Accident) -	2,197	4,406	Cut, Stab (Accident) - - -	127	255
Erysipelas - - - -	2,106	4,223	Ishuria - - - -	127	255
Syphilis - - - -	2,085	4,182	Spleen Disease - - - -	127	255
Childbirth - - - -	1,999	4,009	Suicide (not classed) - - -	123	247
Peritonitis - - - -	1,971	3,953	Paramenia - - - -	117	235
Simple Continued Fever - - -	1,958	3,927	Fistula - - - -	110	221
Laryngitis - - - -	1,868	3,746	Gunshot Wounds (Suicide) -	93	187
Suffocation (Accident) - - -	1,682	3,373	Gunshot Wounds (Accident) -	90	180
Jaundice - - - -	1,678	3,365	Chorea - - - -	82	164
Want of Breast-milk - - -	1,653	3,316	Remittent Fever - - - -	81	162
Pneus - - - -	1,637	3,283	Hydrophobia - - - -	79	158
Insanity - - - -	1,509	3,026	Privation - - - -	52	104
Puerperal Fever (Metria) - -	1,444	2,896	Hanging (Execution) - - -	23	46
Mortification - - - -	1,342	2,691	Glanders - - - -	4	8
Hepatitis - - - -	1,308	2,623	Pancreas Disease - - - -	4	8
Ulceration of Intestines - - -	1,245	2,497			
Typhus Fever - - - -	1,150	2,306			
Thrush - - - -	1,134	2,275			
Pleurisy - - - -	1,117	2,240			
Hernia - - - -	1,094	2,194			
Uterus Disease - - - -	1,045	2,096			

* The causes of 1,856 deaths registered in 1877 were either ill-defined or not specified.

TABLE 6.—ENGLAND. Death-rate per 1000 Persons living, from certain Causes, in each of the Registration Counties in the Year 1877.

REGISTRATION COUNTIES.	Esti- mated Popu- lation in the middle of 1877.*	ANNUAL DEATH-RATE PER 1000 PERSONS LIVING FROM CERTAIN DISEASES.											
		ALL CAUSES.	Seven Zymotic Diseases.	Cancer.	Phthisis.	Scrofula, Tabes Mesenterica, and Hydrocephalus.	Brain Diseases.	Heart Diseases and Dropsy.	Diseases of Re- spiratory Or- gans.	Diseases of Di- gestive Organs.	Diseases of Uri- nary Organs.	Violent Deaths.	Other Causes.
ENGLAND - - - -	24,547,309	20.4	2.71	0.49	2.09	0.73	2.75	1.54	3.61	1.00	0.42	0.72	4.27
I.—LONDON - - - -	3,533,484	21.9	3.46	0.55	2.51	1.05	2.55	1.53	4.29	1.02	0.49	0.76	3.70
II.—SOUTH-EASTERN COUNTIES.													
Surrey (extra-metrop.) - - -	449,860	14.8	1.58	0.47	1.76	0.54	2.30	1.40	2.07	0.90	0.46	0.47	2.80
Kent (extra-metrop.) - - -	687,536	17.1	1.90	0.48	1.72	0.65	2.35	1.61	2.58	0.91	0.43	0.65	3.77
Sussex - - - -	458,397	16.1	1.36	0.65	2.05	0.70	2.07	1.62	2.09	0.94	0.51	0.49	3.57
Hampshire - - - -	565,540	17.0	1.85	0.56	2.20	0.56	2.27	1.60	2.58	0.95	0.45	0.55	3.41
Berkshire - - - -	240,053	17.1	2.05	0.60	1.89	0.54	2.25	1.57	2.59	0.85	0.49	0.54	3.75
III.—SOUTH MIDLAND COUNTIES.													
Middlesex (extra-met.) - - -	328,659	16.9	1.84	0.44	1.73	0.72	2.89	1.50	2.50	0.92	0.40	0.54	3.37
Hertfordshire - - - -	206,042	15.7	1.46	0.42	1.50	0.37	2.63	1.62	2.21	0.96	0.37	0.50	3.64
Buckinghamshire - - - -	159,991	16.7	1.29	0.49	1.78	0.54	2.28	1.46	2.42	0.94	0.39	0.51	4.58
Oxfordshire - - - -	182,799	18.0	1.97	0.59	1.68	0.69	2.29	1.82	2.52	0.98	0.44	0.37	4.45
Northamptonshire - - - -	259,436	19.3	2.19	0.55	1.82	0.66	2.52	1.60	3.24	1.02	0.31	0.70	4.69
Huntingdonshire - - - -	57,338	15.8	1.15	0.70	1.97	0.58	1.76	1.27	2.51	1.08	0.35	0.54	3.91
Bedfordshire - - - -	158,790	16.8	1.66	0.55	1.81	0.55	2.53	1.37	2.37	0.94	0.34	0.47	4.18
Cambridgeshire - - - -	198,739	17.1	1.39	0.67	1.88	0.61	2.27	1.66	2.45	0.90	0.44	0.56	4.26
IV.—EASTERN COUNTIES.													
Essex - - - -	483,724	18.0	2.26	0.51	1.91	0.70	2.45	1.53	2.82	0.93	0.35	0.56	4.00
Suffolk - - - -	354,575	18.5	1.76	0.56	2.06	0.69	2.40	1.56	2.69	0.96	0.40	0.59	4.79
Norfolk - - - -	432,375	18.6	1.72	0.66	1.87	0.56	2.34	1.58	2.42	0.96	0.39	0.52	5.57
V.—SOUTH WESTERN COUNTIES.													
Wiltshire - - - -	249,972	17.8	1.93	0.51	1.77	0.54	2.30	2.05	2.86	0.92	0.37	0.56	3.90
Dorsetshire - - - -	193,263	15.9	1.09	0.66	1.77	0.48	2.06	1.76	2.58	0.93	0.50	0.61	3.49
Devonshire - - - -	616,478	18.5	2.11	0.63	1.97	0.65	2.42	1.66	3.04	0.93	0.47	0.64	3.98
Cornwall - - - -	354,137	19.4	2.72	0.56	2.13	0.58	2.33	1.43	2.58	1.02	0.41	0.52	5.14
Somersetshire - - - -	494,802	18.0	1.91	0.51	1.67	0.53	2.45	1.74	2.86	1.04	0.44	0.70	4.13
VI.—WEST MIDLAND COUNTIES.													
Gloucestershire - - - -	519,016	18.9	2.51	0.49	1.68	0.55	2.54	1.62	3.30	0.94	0.41	0.64	4.23
Herefordshire - - - -	121,912	17.2	1.33	0.66	1.44	0.39	2.56	2.30	2.49	0.86	0.41	0.62	4.17
Shropshire - - - -	271,040	17.9	2.03	0.55	1.57	0.40	2.36	1.56	3.12	1.09	0.40	0.70	4.14
Staffordshire - - - -	952,179	21.8	3.48	0.40	1.58	0.70	3.05	1.39	4.08	0.95	0.38	0.73	5.07
Worcestershire - - - -	364,767	18.2	2.53	0.50	1.46	0.61	2.33	1.48	3.09	0.92	0.39	0.65	4.27
Warwickshire - - - -	677,522	21.8	3.15	0.53	1.96	0.65	2.67	1.43	4.56	0.99	0.49	0.93	4.48
VII.—NORTH MIDLAND COUNTIES.													
Leicestershire - - - -	296,727	21.4	2.74	0.48	1.79	0.37	2.94	1.56	3.44	1.05	0.38	0.73	5.43
Rutlandshire - - - -	23,311	19.3	1.72	0.64	1.29	0.13	2.92	1.54	3.73	1.20	0.26	0.73	5.10
Lincolnshire - - - -	443,463	18.0	1.68	0.59	1.65	0.58	2.73	1.59	2.92	0.91	0.41	0.70	4.20
Nottinghamshire - - - -	376,482	21.4	2.27	0.59	1.91	0.99	2.98	1.57	3.88	1.00	0.36	0.78	5.09
Derbyshire - - - -	345,368	20.3	2.14	0.40	1.95	0.70	2.95	1.58	3.77	1.12	0.39	0.76	4.49
VIII.—NORTH WESTERN COUNTIES.													
Cheshire - - - -	584,287	20.0	2.88	0.41	1.91	0.68	2.70	1.58	3.49	1.10	0.40	0.78	4.06
Lancashire - - - -	3,117,049	24.8	3.92	0.41	2.50	0.88	3.16	1.59	5.00	1.16	0.43	0.90	4.87
IX.—YORKSHIRE.													
West Riding - - - -	2,089,076	21.4	2.74	0.40	2.19	0.91	3.24	1.47	4.23	0.96	0.38	0.67	4.23
East Riding with York - - -	328,722	20.7	2.71	0.49	1.98	0.70	3.32	1.65	3.22	0.96	0.40	0.75	4.56
North Riding - - - -	318,280	18.4	2.04	0.48	1.72	0.80	2.44	1.55	3.00	0.91	0.36	0.66	4.47
X.—NORTHERN COUNTIES.													
Durham - - - -	831,985	21.2	3.14	0.39	1.96	1.25	2.94	1.80	3.40	1.01	0.31	0.84	4.64
Northumberland - - - -	416,424	20.7	2.26	0.45	2.38	1.04	3.02	1.63	3.11	1.14	0.38	0.93	4.37
Cumberland - - - -	230,021	20.2	1.87	0.59	2.25	0.87	2.45	1.78	3.29	1.11	0.44	0.96	4.62
Westmorland - - - -	67,848	15.7	1.67	0.57	1.81	0.46	2.36	1.44	1.92	1.00	0.25	0.50	3.74
XI.—MONMOUTHSHIRE AND WALES.													
Monmouthshire - - - -	235,082	23.0	4.52	0.45	1.66	0.71	3.29	1.36	4.59	1.01	0.33	0.88	4.19
South Wales - - - -	820,334	20.7	2.83	0.43	2.53	0.71	3.09	1.34	3.45	0.82	0.41	0.80	4.31
North Wales - - - -	450,424	20.5	2.00	0.53	2.64	0.61	3.78	1.49	3.05	1.21	0.44	0.74	4.05

* The populations of these counties have been estimated to the middle of 1877 on the assumption that the rate of increase or decrease that prevailed between the two census enumerations in 1861 and 1871 was maintained up to the middle of 1877. The county totals have been adjusted in order to cast to the estimated total population of England and Wales.

TABLE 7.—Deaths from Scarlet Fever in each of the Counties of England in the Year 1877, and in each of the 10 preceding Years 1867-1876.

REGISTRATION COUNTIES.		DEATHS FROM SCARLET FEVER. (See Note.)											Average Number in the 10 Years 1867-76.	1877
		1867	1868	1869	1870	1871	1872	1873	1874	1875	1876			
ENGLAND.		12,300	21,912	27,641	32,543	18,567	11,922	13,144	24,922	20,469	16,893	20031.3	14,456	
I.—LONDON		1,451	2,916	5,841	6,040	1,902	918	645	2,648	3,677	2,308	2834.6	1,580	
II.—SOUTH EASTERN COUNTIES.														
No.	Surrey (extra-metropol.)	67	276	351	523	220	81	36	57	205	142	195.8	65	
	Kent (extra-metropol.)	157	399	333	965	597	141	70	158	423	259	350.2	255	
	Sussex	43	135	237	495	275	132	29	20	53	172	159.1	91	
	Hampshire	81	250	594	708	323	82	28	68	162	974	327.0	170	
	Berkshire	25	103	361	291	115	29	3	26	77	92	112.2	161	
III.—MIDDLESEX COUNTIES.														
No.	Middlesex (extra-metro.)	71	183	227	471	156	31	24	52	145	126	148.6	136	
	Hertfordshire	35	54	59	222	64	10	57	58	60	82.7	23		
	Buckinghamshire	9	55	208	289	174	78	10	57	49	43	97.2	14	
	Oxfordshire	36	90	83	233	204	62	58	16	13	81	82.6	160	
	Northamptonshire	28	59	101	573	226	88	27	65	111	214	149.2	71	
	Huntingdonshire	8	7	10	3	54	13	2	35	33	12	17.7	6	
	Bedfordshire	38	63	32	151	148	98	15	66	171	96	87.8	34	
	Cambridgeshire	43	55	59	165	121	31	10	22	59	99	66.4	33	
IV.—EASTERN COUNTIES.														
No.	Essex	67	162	322	679	444	126	38	120	337	135	243.0	140	
	Suffolk	206	140	79	167	337	96	31	114	145	81	139.6	55	
	Norfolk	155	360	242	520	356	47	100	364	179	139	246.2	153	
V.—SOUTH WESTERN COUNTIES.														
No.	Wiltshire	56	53	85	234	183	143	79	19	67	119	103.8	250	
	Dorsetshire	81	64	86	284	137	55	28	165	80	33	101.3	63	
	Devonshire	36	60	155	646	415	106	76	72	279	199	204.4	560	
	Cornwall	33	254	161	587	392	161	45	50	164	416	226.3	413	
	Somersetshire	29	55	154	534	422	172	104	173	269	569	248.1	223	
VI.—WEST MIDLAND COUNTIES.														
No.	Gloucestershire	68	113	399	1,456	320	85	50	75	530	634	378.0	269	
	Herefordshire	1	21	148	210	49	9	18	25	35	161	67.7	63	
	Shropshire	44	142	182	181	158	237	144	119	53	72	133.2	208	
	Staffordshire	670	943	1,198	1,064	1,146	1,039	1,106	649	432	538	378.5	1,450	
	Worcestershire	101	463	697	344	152	140	223	303	103	232	275.8	338	
	Warwickshire	782	967	652	56	267	492	749	1270	406	336	648.5	349	
VII.—NORTH MIDLAND COUNTIES.														
No.	Leicestershire	70	54	95	388	274	51	69	92	395	400	188.8	95	
	Rutlandshire	2	8	7	52	54	13	-	-	17	10	16.3	5	
	Lincolnshire	60	107	241	508	335	157	253	529	325	176	269.1	99	
	Nottinghamshire	35	257	721	534	144	58	53	385	634	359	318.0	110	
	Derbyshire	63	543	653	385	244	119	315	363	446	204	334.5	109	
VIII.—NORTH WESTERN COUNTIES.														
No.	Cheshire	475	775	544	460	553	463	261	536	664	596	532.7	430	
	Lancashire	3,115	4,445	4,690	3,702	2,743	2,887	3,640	6,404	3,084	2,603	3731.3	2,349	
IX.—YORKSHIRE.														
No.	West Riding	630	1,676	2,870	3,718	1,878	1,080	1,652	3,779	2,808	1,733	2182.4	1,493	
	East Riding (with York)	72	307	505	493	157	72	82	263	453	113	252.2	126	
	North Riding	36	219	468	360	140	54	24	256	227	298	213.2	202	
X.—NORTHERN COUNTIES.														
No.	Durham	1,293	2,678	1,512	933	802	634	942	1,942	891	659	1238.6	890	
	Northumberland	974	1,032	594	254	150	249	893	943	251	212	560.2	206	
	Cumberland	415	359	125	182	263	367	132	501	276	35	265.5	18	
	Westmorland	68	65	20	20	14	8	11	45	43	6	30.0	10	
XI.—MONMOUTHSHIRE AND WALES.														
No.	Monmouthshire	53	138	251	335	206	119	107	221	211	197	183.8	247	
	South Wales	75	235	804	1,370	838	538	565	1,388	932	594	738.9	439	
	North Wales	393	472	480	200	271	247	387	405	492	356	370.3	292	

NOTE.—The deaths from diphtheria were separately classified throughout the whole of these 11 years.

TABLE 8.—Deaths in England from Fever, at several groups of Ages, in each of the 17 Years 1861-77.

AGES.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.
ALL AGES	15,440	18,721	18,017	20,106	23,034	21,104	16,862	19,701	18,390	17,910	15,790	14,020	13,553	13,735	13,063	10,746	9,987
Under 5 Years	3328	3787	3823	3800	4023	3654	3224	3600	3396	3388	2991	2594	2544	2458	2411	1951	1729
5—	2116	2232	2344	2399	2625	2594	2192	2348	2253	2218	1930	1837	1805	1697	1653	1304	1340
10—	1402	1500	1416	1558	1887	1852	1504	1748	1625	1572	1465	1406	1362	1231	1180	1065	1020
15—	2817	3092	2797	3075	3801	3588	3095	3611	3224	3129	2911	2875	2722	2748	2561	2221	2033
25—	1613	1928	1858	2291	2731	2332	1815	2372	2140	1997	1840	1567	1639	1720	1617	1383	1298
35—	1218	1761	1683	2133	2588	2237	1548	1880	1731	1649	1403	1161	1120	1254	1250	965	900
45—	956	1511	1456	1823	2155	1928	1290	1584	1539	1480	1240	1003	926	1043	928	747	684
55—	863	1437	1290	1562	1700	1514	1075	1303	1260	1237	995	820	744	825	771	618	499
65—	775	1026	911	1027	1057	947	803	894	892	911	760	536	514	559	511	361	337
75 & upwards	352	447	436	435	467	408	316	361	330	329	255	221	177	200	181	131	147

TABLE 9.—Deaths from Fever—Typhus, Enteric or Typhoid, and Simple Continued Fever—in England to 10,000 Persons living, and Proportional Number to 1000 Deaths, in the 28 Years 1850-77.

YEARS.	Number of Deaths registered.	Deaths to 10,000 Persons living.*	Proportional Number to 1000 Deaths.
1850	15,374	8.66	43
1851	17,930	10.15	46
1852	18,641	10.41	47
1853	18,554	10.25	45
1854	18,893	10.28	44
1855	16,470	8.89	39
1856	16,182	8.60	42
1857	19,016	9.97	46
1858	17,883	9.28	40
1859	15,877	8.14	36
1860	13,012	6.63	31
1861	15,440	7.76	36
1862	18,721	9.31	43
1863	18,017	8.86	38
1864	20,106	9.77	41
1865	23,034	11.09	47
1866	21,104	10.05	43
1867	16,862	7.95	36
1868	19,701	9.17	41
1869	18,390	8.46	37
1870	17,910	8.04	35
1871	15,790	6.99	31
1872	14,020	6.12	29
1873	13,553	5.85	28
1874	13,735	5.86	26
1875	13,063	5.48	24
1876	10,746	4.45	21
1877	9,987	4.08	20
Mean Rate in 28 Years	16,715	8.23	37

* The mortality from Fever here given includes a proportion of the mortality from causes ill-defined or not specified.

TABLE 10.—Deaths in each of the Counties of England from Fever (Typhus, Enteric or Typhoid, and Simple Continued) in the Year 1877 and in 10 previous Years.

REGISTRATION COUNTIES.	DEATHS FROM FEVER.										Average Number in the Ten Years 1867-76.	1877
	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876		
ENGLAND.	16,862	19,701	18,389	17,910	15,790	14,020	13,553	13,735	13,063	10,746	15,376.9	9,987
I.—LONDON	2,184	2,468	2,400	2,018	1,691	1,303	1,510	1,528	1,217	1,130	1,744.9	1,252
II.—SOUTH EASTERN COUNTIES.												
1 Surrey (extra-metropolitan)	152	177	150	184	165	112	80	104	187	120	143.1	123
2 Kent (extra-metropolitan)	389	453	422	445	314	283	271	241	273	188	327.9	206
3 Sussex	201	177	186	162	134	138	145	157	142	106	154.8	93
4 Hampshire	236	403	360	371	313	299	270	260	250	197	300.9	202
5 Berkshire	110	130	131	173	87	98	85	68	97	63	104.5	65
III.—SOUTH MIDLAND COUNTIES.												
6 Middlesex (extra-metropol.)	106	112	144	144	104	108	130	91	106	94	113.9	88
7 Hertfordshire	104	139	145	168	142	88	80	77	67	59	106.9	47
8 Buckinghamshire	113	95	94	92	118	74	53	57	55	49	80.0	53
9 Oxfordshire	102	104	105	132	112	66	99	63	79	49	91.1	46
10 Northamptonshire	180	159	176	178	167	203	127	135	113	103	154.1	115
11 Huntingdonshire	41	43	53	35	31	25	37	25	39	28	35.7	12
12 Bedfordshire	111	152	112	139	73	77	61	70	54	41	89.0	44
13 Cambridgeshire	110	97	118	113	115	88	108	64	93	45	95.1	51
IV.—EASTERN COUNTIES.												
14 Essex	237	315	259	221	198	202	182	209	163	149	213.5	123
15 Suffolk	175	173	187	189	192	143	152	137	126	86	156.0	81
16 Norfolk	209	299	240	267	230	231	225	158	191	126	217.6	134
V.—SOUTH WESTERN COUNTIES.												
17 Wiltshire	118	163	111	96	111	116	69	106	94	61	104.5	62
18 Dorsetshire	93	81	119	113	88	72	79	52	47	79.8	31	
19 Devonshire	477	492	386	453	396	411	326	278	287	256	373.7	221
20 Cornwall	223	301	280	332	243	186	187	224	167	147	229.0	145
21 Somersetshire	290	301	253	317	315	222	247	188	162	175	247.0	166
VI.—WEST MIDLAND COUNTIES.												
22 Gloucestershire	324	326	306	306	239	239	206	166	208	187	250.7	203
23 Herefordshire	41	56	83	79	56	46	65	47	41	41	55.5	23
24 Shropshire	185	184	176	141	116	98	84	103	110	93	129.0	94
25 Staffordshire	720	908	825	685	608	632	637	552	639	426	663.2	374
26 Worcestershire	170	257	225	192	166	127	147	145	117	126	167.2	120
27 Warwickshire	323	469	434	446	372	361	372	336	345	272	373.0	226
VII.—NORTH MIDLAND COUNTIES.												
28 Leicestershire	216	214	190	180	232	197	141	147	150	114	178.1	70
29 Rutlandshire	10	20	18	14	5	9	15	9	21	10	13.1	9
30 Lincolnshire	320	277	309	263	214	202	198	190	202	158	233.3	155
31 Nottinghamshire	201	286	303	396	402	341	270	248	290	171	290.8	133
32 Derbyshire	247	283	293	282	242	243	203	214	232	156	239.5	116
VIII.—NORTH WESTERN COUNTIES.												
33 Cheshire	416	449	400	373	281	259	278	298	334	261	335.4	253
34 Lancashire	3,106	3,896	3,400	3,149	2,937	2,231	2,026	2,454	2,384	2,290	2,787.3	1,864
IX.—YORKSHIRE.												
35 West Riding	1,561	2,034	1,905	2,164	1,854	1,939	1,581	1,381	1,483	1,237	1,713.9	1,032
36 East Riding (with York)	262	303	211	253	219	323	224	277	229	152	245.3	117
37 North Riding	178	220	185	195	190	184	188	189	170	140	183.9	124
X.—NORTHERN COUNTIES.												
38 Durham	708	833	872	835	934	745	909	1,056	816	515	822.3	543
39 Northumberland	429	471	349	341	293	271	265	317	306	190	325.2	182
40 Cumberland	158	149	218	181	108	105	152	258	147	89	156.5	86
41 Westmorland	26	15	18	27	49	46	29	32	27	18	28.7	15
XI.—MONMOUTHSHIRE AND WALES.												
42 Monmouthshire	170	172	271	202	157	128	190	157	118	98	166.3	134
43 South Wales	672	699	536	582	555	549	659	664	524	491	598.1	517
44 North Wales	408	346	381	272	222	200	191	203	184	189	259.6	172

TABLE 11.—Deaths referred to Privation in the 11 Years 1867-77, distinguishing LOCALITIES, SEXES, and AGES.

REGISTRATION DIVISIONS.	DEATHS IN EACH OF THE 11 REGISTRATION DIVISIONS.																				Average Number in the 10 Years 1867-76.		1877.	
	1867.		1868.		1869.		1870.		1871.		1872.		1873.		1874.		1875.		1876.		Males.	Females.	Males.	Females.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
England and Wales	63	46	61	35	30	22	51	34	59	34	37	27	45	26	47	26	67	41	47	50	50.7	34.1	28	24
DIVISIONS.																								
I. LONDON	27	19	29	15	6	9	20	8	22	13	11	8	10	11	14	4	21	20	19	18	17.9	12.5	4	5
II. SOUTH EASTERN	2	-	5	2	5	1	6	1	5	3	2	-	4	1	2	2	4	1	5	3	4.0	1.4	3	3
III. SOUTH MIDLAND	1	-	2	1	1	2	2	1	3	-	3	-	1	1	1	3	2	1	2	1	1.8	1.0	1	1
IV. EASTERN	1	-	-	1	1	2	-	-	-	-	1	4	3	1	-	2	-	2	-	2	.6	1.4	-	1
V. SOUTH WESTERN	-	1	3	2	1	1	2	-	4	3	1	2	-	1	2	1	8	3	2	2	2.3	1.6	-	-
VI. WEST MIDLAND	11	6	7	2	1	1	4	5	3	1	-	3	3	2	3	3	5	1	2	5	3.9	2.9	3	3
VII. NORTH MIDLAND	3	3	2	1	3	2	4	4	4	1	2	1	1	-	1	2	4	-	2	1	2.6	1.5	3	2
VIII. NORTH WESTERN	9	9	10	8	6	2	8	9	10	7	9	6	11	7	10	5	11	8	10	8	9.4	6.9	4	4
IX. YORK	4	2	3	2	2	2	4	-	5	2	4	1	4	2	1	-	6	1	3	1	3.6	1.3	6	1
X. NORTHERN	2	5	-	-	3	-	1	4	3	2	1	1	5	-	9	3	2	3	1	8	2.7	2.6	3	4
XI. WELSH	3	1	-	1	1	-	-	2	-	2	3	1	3	-	4	1	4	1	1	1	1.9	1.0	1	-
All Ages	63	46	61	35	30	22	51	34	59	34	37	27	45	26	47	26	67	41	47	50	50.7	34.1	28	24
Under 1 Year	1	1	-	1	2	1	-	-	1	1	-	-	-	-	-	-	1	-	-	2	.5	.6	-	-
1-	1	1	-	1	-	1	-	-	2	1	-	-	-	-	-	2	-	-	1	-	.5	.5	-	1
2-	2	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	.4	.2	-	-
3-	-	1	-	1	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	.2	.3	-	-
4-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	.0	.2	1	-
Under 5 Years	4	3	-	5	4	2	-	1	3	2	-	1	1	-	-	1	3	-	1	3	1.6	1.8	1	1
5-	2	2	3	-	-	1	-	-	1	1	1	1	3	2	1	1	2	1	-	2	1.2	1.1	1	-
10-	-	-	-	1	-	-	1	-	1	2	1	-	1	-	-	-	-	-	-	1	.4	.4	-	-
15-	4	-	3	-	-	1	-	-	-	-	-	-	1	-	-	1	-	-	-	-	.8	.2	-	1
20-	1	-	1	1	1	1	-	2	1	-	-	1	1	2	3	-	2	-	-	-	.8	.9	1	-
25-	4	4	2	2	1	2	4	3	7	5	1	2	-	3	2	2	3	4	4	4	2.8	2.7	-	3
35-	7	5	10	5	7	2	9	5	14	4	4	6	5	3	7	3	9	10	9	9	8.1	5.2	1	

TABLE 12.—Deaths in England in 1877 of Women after Childbearing classed to various Diseases, and not referred either to Childbirth or to Metria in the Abstracts.

CAUSES OF DEATH.	ALL AGES.	A G E S.				
		15—	20—	25—	35—	45 and upwards.
TOTAL - - -	1270	39	211	578	429	13
CLASS I.						
Small-pox - - -	69	5	18	30	16	-
Measles - - -	7	-	3	4	-	-
Scarlet Fever - - -	45	2	12	24	7	-
Diphtheria - - -	5	1	1	1	2	-
Typhus Fever - - -	4	-	3	1	-	-
Enteric or Typhoid Fever - - -	50	1	12	27	10	-
Simple Continued Fever - - -	16	-	2	7	7	-
Erysipelas - - -	9	-	1	4	4	-
Influenza - - -	1	-	-	1	-	-
Dysentery - - -	2	-	-	1	1	-
Diarrhœa - - -	48	4	5	24	15	-
Cholera - - -	1	-	-	1	-	-
Ague - - -	1	-	-	1	-	-
Remittent Fever - - -	2	-	-	2	-	-
Rheumatism - - -	16	1	2	6	7	-
Purpura and Scurvy - - -	4	-	1	3	-	-
Delirium Tremens - - -	1	-	-	-	1	-
CLASS II.						
Dropsy - - -	31	1	4	16	10	-
Cancer - - -	6	-	-	1	5	-
Mortification - - -	2	-	-	2	-	-
Serofula - - -	2	-	-	1	1	-
Tabes Mesenterica - - -	2	-	1	1	-	-
Phthisis - - -	216	5	39	119	49	4
CLASS III.						
Cephalitis - - -	5	-	-	3	2	-
Apoplexy - - -	20	1	1	9	8	1
Paralysis - - -	15	-	2	6	7	-
Insanity - - -	3	-	1	-	2	-
Epilepsy - - -	17	2	4	4	7	-
Brain Disease - - -	1	-	-	-	1	-
Pericarditis - - -	5	-	2	2	1	-
Heart Disease - - -	220	3	22	92	99	4
Laryngitis - - -	4	-	-	4	-	-
Bronchitis - - -	84	1	9	29	43	2
Pleurisy - - -	19	1	2	12	4	-
Pneumonia - - -	132	4	24	53	51	-
Asthma - - -	3	-	2	-	1	-
Lung Disease - - -	25	-	4	13	8	-
Gastritis - - -	3	-	1	1	1	-
Enteritis - - -	13	-	2	7	4	-
Peritonitis - - -	1	-	-	-	1	-
Ulceration of Intestines - - -	3	-	-	3	-	-
Hernia - - -	2	-	-	2	-	-
Heus - - -	4	-	1	2	1	-
Intussusception - - -	1	-	1	-	-	-
Stomach Disease - - -	14	1	-	8	5	-
Hepatitis - - -	4	-	-	3	1	-
Jaundice - - -	6	-	2	2	2	-
Liver Disease - - -	12	-	-	4	8	-
Spleen - - -	1	-	-	1	-	-
Nephritis - - -	11	1	2	4	4	-
Ischuria - - -	2	-	-	-	1	1
Bright's Disease (Nephria) - - -	61	4	15	20	21	1
Cystitis - - -	3	-	-	1	2	-
Kidney Disease - - -	21	-	7	11	3	-
Ovarian Dropsy - - -	1	-	1	-	-	-
Uterus Disease - - -	4	1	-	1	2	-
Joints Disease - - -	2	-	-	-	2	-
Phlegmon - - -	1	-	-	1	-	-
Skin Disease - - -	1	-	1	-	-	-
Fractures - - -	2	-	1	1	-	-
Otherwise (Accident) - - -	1	-	-	1	-	-
Cut, Stab (Suicide) - - -	1	-	-	-	1	-
Hanging (ditto) - - -	1	-	-	1	-	-
Otherwise (ditto) - - -	1	-	-	-	1	-

TABLE 13.—Deaths in England in 1877 of Women who were returned as pregnant, referred to various Diseases in the Abstracts.

CAUSES OF DEATH.	ALL AGES.	A G E S.				
		15—	20—	25—	35—	45 and upwds.
TOTAL - - -	57	-	13	26	17	1
CLASS I.						
Small-pox - - -	2	-	-	2	-	-
Enteric Fever - - -	3	-	-	3	-	-
Purpura - - -	1	-	1	-	-	-
Worms (Hydatids) - - -	1	-	-	1	-	-
CLASS II.						
Dropsy - - -	2	-	1	-	1	-
Serofula - - -	1	-	-	-	1	-
Phthisis - - -	3	-	1	2	-	-
CLASS III.						
Apoplexy - - -	2	-	-	1	1	-
Epilepsy - - -	5	-	3	1	1	-
Heart Disease - - -	7	-	1	2	4	-
Pneumonia - - -	2	-	-	-	2	-
Lung Disease - - -	1	-	-	1	-	-
Gastritis - - -	2	-	-	-	2	-
Peritonitis - - -	1	-	-	-	1	-
Ascites - - -	1	-	-	-	-	1
Ulceration of Intestines - - -	1	-	-	-	1	-
Stomach Disease - - -	7	-	1	5	1	-
Jaundice - - -	1	-	1	1	-	-
Liver - - -	1	-	1	-	-	-
Bright's Disease (Nephria) - - -	6	-	3	3	-	-
Kidney Disease - - -	3	-	-	1	2	-
Phlegmon - - -	1	-	1	-	-	-
Fractures - - -	3	-	-	3	-	-

TABLE 14.—Deaths in England of Women referred to Childbirth in each of the 31 Years 1847-77.

YEARS.	REGISTERED BIRTHS OF CHILDREN BORN ALIVE.	NUMBER OF DEATHS FROM			DEATHS OF MOTHERS TO 1,000 CHILDREN BORN ALIVE.
		METRIA AND CHILDBIRTH.	METRIA.	ACCIDENTS OF CHILDBIRTH.	
1847 - - -	539,965	3226	784	2442	6.0
1848 - - -	563,059	3445	1365	2080	6.1
1849 - - -	573,159	3339	1165	2174	5.8
1850 - - -	593,422	3252	1113	2139	5.5
1851 - - -	615,865	3290	1009	2281	5.3
1852 - - -	624,012	3247	972	2275	5.2
1853 - - -	612,391	3063	795	2268	5.0
1854 - - -	634,405	3009	954	2055	4.7
1855 - - -	635,043	2979	1079	1900	4.7
1856 - - -	657,453	2888	1067	1821	4.4
1857 - - -	663,071	2787	836	1951	4.2
1858 - - -	655,481	3131	1068	2063	4.8
1859 - - -	689,881	3496	1238	2258	5.1
1860 - - -	684,048	3173	987	2186	4.6
1861 - - -	696,406	2995	886	2109	4.3
1862 - - -	712,684	3077	940	2137	4.3
1863 - - -	727,417	3588	1155	2433	4.9
1864 - - -	740,275	4016	1484	2532	5.4
1865 - - -	748,069	3823	1333	2490	5.1
1866 - - -	753,870	3682	1197	2485	4.9
1867 - - -	763,349	3412	1066	2346	4.4
1868 - - -	786,858	3503	1196	2307	4.5
1869 - - -	773,381	3233	1181	2102	4.2
1870 - - -	792,787	3875	1492	2383	4.9
1871 - - -	797,428	3935	1464	2471	4.9
1872 - - -	825,907	3803	1400	2403	4.6
1873 - - -	829,778	4115	1740	2375	5.0
1874 - - -	854,956	5927	3108	2819	6.9
1875 - - -	850,607	5064	2504	2560	6.0
1876 - - -	887,968	4142	1746	2396	4.7
1877 - - -	883,200	3443	1444	1999	3.9
31 years 1847-77 -	22,181,195	110,008	39,768	70,240	5.0

TABLE 15.—Births registered, Deaths referred to Childbirth, and Mortality per 1000 Children born alive, in each of the Counties of England in the Year 1877.

REGISTRATION COUNTIES.	REGISTERED BIRTHS OF CHILDREN BORN ALIVE.	NUMBER OF DEATHS referred to			DEATHS OF MOTHERS, TO 1000 CHILDREN BORN ALIVE, from		
		Metria and Childbirth.	Metria.	Accidents of Childbirth.	Metria and Childbirth.	Metria.	Accidents of Childbirth.
ENGLAND	888,200	3,443	1,444	1,999	3.88	1.63	2.25
I.—LONDON	128,092	445	221	224	3.47	1.73	1.74
II.—SOUTH EASTERN COUNTIES.							
1 Surrey (extra-metropol.)	13,083	47	19	28	3.59	1.45	2.14
2 Kent (extra-metropol.)	22,153	58	21	37	2.62	0.95	1.67
3 Sussex	13,934	47	21	26	3.37	1.51	1.86
4 Hampshire	17,231	48	18	30	2.78	1.04	1.74
5 Berkshire	7,539	30	7	23	3.98	0.93	3.05
III.—SOUTH MIDLAND COUNTIES.							
6 Middlesex (extra-metro.)	10,432	29	15	14	2.78	1.44	1.34
7 Hertfordshire	6,399	21	8	13	3.28	1.25	2.03
8 Buckinghamshire	5,129	22	9	13	4.29	1.75	2.54
9 Oxfordshire	5,750	22	8	14	3.83	1.39	2.44
10 Northamptonshire	9,351	36	16	20	3.85	1.71	2.14
11 Huntingdonshire	1,711	4	—	—	2.34	0.00	—
12 Bedfordshire	5,091	26	8	18	5.11	1.57	3.54
13 Cambridgeshire	6,237	18	5	13	2.86	0.80	2.06
IV.—EASTERN COUNTIES.							
14 Essex	16,927	43	10	33	2.84	0.59	2.25
15 Suffolk	11,368	50	20	30	4.40	1.76	2.64
16 Norfolk	13,322	48	23	25	3.60	1.73	1.87
V.—SOUTH WESTERN COUNTIES.							
17 Wiltshire	7,632	30	14	16	3.91	1.82	2.09
18 Dorsetshire	5,341	12	2	10	0.87	0.37	1.24
19 Devonshire	18,225	79	32	47	4.33	1.76	2.57
20 Cornwall	10,027	38	9	29	3.79	0.90	2.89
21 Somersetshire	15,126	61	20	41	4.03	1.32	2.71
VI.—WEST MIDLAND COUNTIES.							
22 Gloucestershire	16,624	63	23	40	3.79	1.88	2.41
23 Herefordshire	3,380	14	2	12	4.14	0.59	3.55
24 Shropshire	8,358	39	16	23	4.67	1.91	2.76
25 Staffordshire	40,310	152	56	96	3.77	1.39	2.38
26 Worcestershire	12,453	46	13	33	3.69	1.04	2.65
27 Warwickshire	26,888	95	40	55	3.53	1.49	2.04
VII.—NORTH MIDLAND COUNTIES.							
28 Leicestershire	11,865	40	12	28	3.37	1.01	2.36
29 Rutlandshire	812	1	—	—	1.23	0.00	—
30 Lincolnshire	14,887	65	26	39	4.37	1.75	2.62
31 Nottinghamshire	15,500	48	25	23	3.10	1.62	1.48
32 Derbyshire	14,200	73	35	38	5.14	2.46	2.68
VIII.—NORTH-WESTERN COUNTIES.							
33 Cheshire	21,096	94	40	54	4.46	1.90	2.56
34 Lancashire	127,715	555	230	325	4.35	1.80	2.55
IX.—YORKSHIRE.							
35 West Riding	81,294	327	150	177	4.02	1.85	2.17
36 East Riding (with York)	12,618	41	18	23	3.25	1.43	1.82
37 North Riding	12,232	36	15	21	2.94	1.23	1.71
X.—NORTHERN COUNTIES.							
38 Durham	36,203	143	59	84	3.95	1.63	2.32
39 Northumberland	16,313	61	25	36	3.74	1.53	2.21
40 Cumberland	8,748	35	14	21	4.00	1.60	2.40
41 Westmorland	1,926	11	7	4	5.71	3.63	2.08
XI.—MONMOUTHSHIRE AND WALES.							
42 Monmouthshire	9,064	41	18	23	4.52	1.99	2.53
43 South Wales	30,750	143	68	75	4.65	2.21	2.44
44 North Wales	14,714	101	41	60	6.86	2.79	4.07

TABLE 16.—Deaths of 79 Persons (61 Males and 18 Females) referred to Hydrophobia in England in the Year 1877.

DIVISION.	DISTRICT.	DATE OF DEATH.	SEX.	OCCUPATION.	ALL AGES.	AGES.										
						0-	5-	10-	15-	20-	25-	35-	45-	55-	65 and upwards.	
				TOTAL	79	8	12	12	13	5	9	9	7	3	1	
1	Paneras	9 April	Female	Spinster (Pensioner)	1											
1	"	26 Oct.	Female	Wife, Grocer	1										1	
1	Islington	19 Feb.	Male	Waterman (Cab)	1											
1	Hackney	22 Nov.	Male	Blacksmith	1										1	
1	Strand	20 May	Male	Gasfitter	1											
1	London City	13 July	Male	Railway Clerk	1											
1	Whitechapel	20 Feb.	Male	Clerk	1											
1	"	22 April	Male	Bricklayer	1											
1	"	26 April	Male	Costermonger	1											
1	"	18 Aug.	Male	Errand Boy	1											
1	MileEndOldTown	24 Oct.	Male	Son, Cooper	1											
1	St. Olave	12 Mar.	Male	Porter	1											
1	"	17 July	Male	Son, Coachman	1											
1	"	22 Sept.	Female	Not stated	1											
1	"	13 Oct.	Male	Leather-dresser	1											
1	Camberwell	30 July	Male	Magistrate's Clerk	1											
2	Epsom	18 Aug.	Female	Daughter, Gardener	1											
2	Richmond	9 Aug.	Male	Son, Labourer	1											
2	Malling	24 Oct.	Male	Domestic Servant	1											
2	Tenterden	9 May	Male	Ostler	1											
2	Dover	7 Oct.	Male	General Labourer	1											
2	Steyning	20 Feb.	Female	Daughter, Livery Stbl. Keeper.	1											
2	Alverstoke	1 Nov.	Male	Soldier	1											
2	Southampton	4 July	Male	Labourer in Rope Walk	1											
2	"	4 Sept.	Male	Son, Contractor	1											
2	South Stoneham	29 July	Female	Daughter, Shoemaker	1											
2	Hungerford	1 June	Male	Shepherd	1											
2	Abingdon	11 Feb.	Female	Wife, Agricul. Labr.	1											
3	Brentford	17 Feb.	Female	Daughter, Tailor	1											
3	Watford	28 Oct.	Male	Railway Clerk	1											
3	Hemel Hempstead	21 Oct.	Male	Son, Labourer	1											
3	Wycombe	28 Aug.	Male	Son, Farmer	1											
3	"	20 Dec.	Female	Daughter, Paper Maker	1											
3	Headington	9 Oct.	Male	Son, Agricul. Labr.	1											
3	"	21 Oct.	Male	Son, Musician	1											
3	Oxford	28 Feb.	Male	Son, Plasterer	1											
3	Bedford	11 Aug.	Male	Son, Labourer	1											
3	"	17 Oct.	Female	Wife, Barrister	1											
3	Biggleswade	27 May	Male	Groom (Domestic)	1											
4	Ongar	19 Aug.	Male	Veterinary Surgeon	1											
4	Chelmsford	9 Aug.	Male	Son, Carpenter	1											
5	Marlborough	7 June	Male	Farm Bailiff	1											
5	Axminster	18 Sept.	Female	Daughter, Agri. Labr.	1											
5	Newton Abbot	12 Sept.	Male	Mason	1											
5	South Molton	8 May	Male	Gamekeeper	1											
5	Barnstaple	10 Sept.	Male	Son, Clothier	1											
5	Stratton	13 Oct.	Female	Daughter, Agri. Labr.	1											
5	Bridgwater	29 May	Male	Son, Labourer	1											
5	Frome	4 June	Female	Daughter, Farmer	1											
5	Shepton Mallet	22 April	Male	Labourer	1											
6	Wolstanton	10 Aug.	Male	Greengrocer	1											
6	Walsall	18 June	Male	Excavator	1											
7	Blaby	27 June	Male	Agricultural Labourer	1											
8	Stockport	26 Aug.	Male	Servant, Innkeeper	1											
8	Chester	16 Dec.	Male	Son, Labourer	1											
8	Birkenhead	12 April	Female	Wife, Platelayer	1											
8	Liverpool	14 April	Male	Son, Labourer	1											
8	West Derby	8 May	Male	Son, Ship Steward	1											
8	"	23 Aug.	Female	Daughter, Brewer	1											
8	"	29 Sept.	Male	Son, Book-keeper	1											
8	Prescot	5 Aug.	Female	Daughter, Agri. Lab.	1											
8	Warrington	31 Oct.	Male	Joiner	1											
8	Leigh	28 Sept.	Male	Colliery Underlooker	1											
8	Bolton	12 July	Male	Son, Chemical Labr.	1											
8	"	4 Dec.	Male	Son, Plumber	1*											
8	Bury	3 April	Male	Farmer	1											
8	"	11 May	Female	Daughter, Joiner	1											
8	Barton-upon-Irwell	24 Feb.	Male	Colliery Jigger	1											

TABLE 17.—Deaths by Lightning and the Annual Rate to Ten Millions of Persons living in England, and in each of the 11 Divisions during the 7 Years 1871-77.

ENGLAND -	DIVISION	1871.	1872.	1873.	1874.	1875.	1876.	1877.	TOTAL in the 7 Years 1871-77.	ANNUAL RATE in 7 Years 1871-77 to Ten Millions living.	ANNUAL RATE in 10 Years 1861-70 to Ten Millions living.
		28	46	21	25	17	19	12			
	I.	1	1	4	1	-	-	-	7	2.94	.33
	II.	5	2	3	3	1	2	1	17	10.63	4.48
	III.	6	9	1	2	1	1	1	21	20.03	8.03
	IV.	1	3	-	1	1	2	1	9	10.36	13.55
	V.	1	2	-	-	2	5	-	10	7.55	8.23
	VI.	2	5	4	3	3	-	1	18	9.13	7.35
	VII.	6	5	2	4	1	1	1	20	19.76	19.29
	VIII.	4	3	4	3	2	5	1	22	8.85	4.11
	IX.	2	7	2	3	2	-	4	20	11.29	9.97
	X.	1	5	3	2	2	-	1	14	13.20	5.46
	XI.	-	4	1	-	1	3	1	10	9.76	6.62

TABLE 18.—Deaths by Lightning in England in each of the Years 1876-77.

DIVISION.	DISTRICT.	DATE OF DEATH.	SEX.	OCCUPATION.	ALL AGES.	AGES.										
						0-	5-	10-	15-	20-	25-	35-	45-	55-	65 and upwards.	
1876						TOTAL - - 19										
2	Bromley - -	17 Sept.	Male	Son, Gamekeeper	1	-	-	4	4	1	3	1	2	3	1	
2	Abingdon - -	18 Aug.	Male	Agricultural Labourer	1	-	-	-	-	-	-	-	-	-	-	
3	Peterborough - -	23 July	Female	Daughter, Labourer	1	-	-	-	1	-	-	-	-	-	-	
4	Halstead - -	23 April	Male	Surgeon	1	-	-	-	-	-	-	-	-	1	-	
4	Bosmere - -	25 April	Male	Labourer	1	-	-	-	-	-	-	-	-	1	-	
5	Blandford - -	23 June	Male	Woodman	1	-	-	-	-	-	-	-	-	-	-	
5	Wimborne - -	23 June	Male	Farmer	1	-	-	-	-	1	-	-	-	-	-	
5	" - -	23 June	Male	Labourer	1	-	-	-	1	-	-	-	-	-	-	
5	St. Austell - -	17 Aug.	Male	Labourer	1	-	-	1	-	-	-	-	-	-	-	
5	Penzance - -	17 Aug.	Male	Cab owner	1	-	-	-	-	-	-	-	-	-	1	
7	Bingham - -	22 May	Male	Labourer	1	-	-	-	1	-	-	-	-	-	-	
8	Runcorn - -	9 June	Male	Blacksmith	1	-	-	-	-	1	-	-	-	-	-	
8	Chester - -	21 June	Male	Labourer	1	-	-	-	-	-	-	-	-	1	-	
8	" - -	21 June	Male	Labourer	1	-	-	-	1	-	-	-	-	-	-	
8	Warrington - -	23 June	Male	Farm Pupil	1	-	-	1	-	-	-	-	-	-	-	
8	Blackburn - -	21 June	Female	Wife, Weaver	1	-	-	-	-	1	-	-	-	-	-	
11	Haverfordwest - -	24 Sept.	Female	Daughter, Agric.Lab.	1	-	-	1	-	-	-	-	-	-	-	
11	Aberayron - -	18 Aug.	Female	Charwoman	1	-	-	-	-	-	-	-	1	-	-	
11	Anglesey - -	10 Oct.	Male	Miller	1	-	-	-	1	-	-	-	-	-	-	
1877						TOTAL - - 12										
2	Hartley Wintney - -	22 Nov.	Male	Agricultural Labourer	1	-	-	-	-	-	-	1	-	-	-	
3	Woodstock - -	16 Aug.	Male	Agricultural Labourer	1	-	-	-	-	-	-	-	1	-	-	
4	Woodbridge - -	29 Mar.	Male	Agricultural Labourer	1	-	-	-	1	-	-	-	-	-	-	
6	Atherstone - -	9 May	Male	Labourer	1	-	-	-	-	-	1	-	-	-	-	
7	Chapel-en-le-Frith - -	7 July	Male	Agricultural Labourer	1	-	-	-	-	-	1	-	-	-	-	
8	Bolton - -	5 July	Male	Coal Miner	1	-	-	-	-	-	1	-	-	-	-	
9	Skipton - -	16 May	Male	Hawker	1	-	-	-	-	-	-	1	-	-	-	
9	Huddersfield - -	8 Aug.	Male	Joiner	1	-	-	-	1	-	-	-	-	-	-	
9	Sheffield - -	7 July	Female	Wife, Coal Miner	1	-	-	-	-	-	-	-	1	-	-	
9	Aysgarth - -	15 Oct.	Male	Agricultural Labourer	1	-	-	-	-	1	-	-	-	-	-	
10	Houghton-le-Spring - -	16 Aug.	Female	Widow, Coal Miner	1	-	-	-	-	-	-	-	1	-	-	
11	Bangor - -	10 May	Male	Quarry Labourer	1	-	-	1	-	-	-	-	-	-	-	

TABLE 19.*—Deaths in 20 large English Towns in the 52 Weeks ending 29th December 1877. (Estimated aggregate population in middle of 1877, 7,091,169; viz., 3,533,484 in London, and 3,557,685 in the 19 other Towns.)

BOROUGH, &c. (Municipal Boundaries for all except LONDON.)	DEATHS from ALL CAUSES.	The DEATHS registered in the 52 Weeks included													
		Deaths of		Deaths from										Inquest Cases.	In Public Institutions.
		Infants under 1 Year of Age.	Persons aged 60 Years and upwards.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-cough.	Fever.	Diarrhoea.	Violence.				
In 20 Towns - -	160,102	40,770	31,177	3041	3763	3792	642	4750	2977	5853	5174	9576	24,859		
LONDON - - -	77002	18549	15829	2544	2347	1576	317	1780	1249	2479	2672	4920	14805		
BRIGHTON - - -	1907	451	485	10	2	28	5	53	20	80	50	70	287		
PORTSMOUTH - - -	2199	542	538	1	12	39	4	69	87	132	47	102	235		
NORWICH - - -	1755	432	570	-	29	80	7	8	39	77	41	106	189		
PLYMOUTH - - -	1573	353	459	1	4	48	17	29	40	76	46	88	131		
BRISTOL - - -	4415	1122	986	-	135	45	5	245	138	127	133	192	652		
WOLVERHAMPTON - -	1768	415	395	-	9	224	2	23	20	63	51	89	293		
BIRMINGHAM - - -	9104	2618	1547	8	305	234	53	361	145	444	412	730	1113		
LEICESTER - - -	2513	889	474	1	36	33	10	63	24	132	76	174	266		
NOTTINGHAM - - -	2172	585	557	-	16	19	2	41	32	74	67	156	235		
LIVERPOOL - - -	13904	3827	2010	299	197	225	54	735	373	605	638	725	2120		
MANCHESTER - - -	9810	2217	1650	49	223	366	33	345	167	317	303	847	1652		
SALFORD - - -	4079	1108	589	93	137	119	13	102	110	207	115	178	366		
OLDHAM - - -	2495	644	403	24	11	56	15	115	26	60	65	78	158		
BRADFORD - - -	3921	1054	637	4	19	106	17	126	60	101	106	181	302		
LEEDS - - -	6630	1968	1173	3	122	151	17	216	110	217	189	350	555		
SHEFFIELD - - -	6154	1572	1071	2	99	209	34	233	168	193	129	163	606		
HULL - - -	3032	936	647	1	40	31	13	62	57	211	114	139	324		
SUNDERLAND - - -	2491	643	527	-	1	134	14	61	66	85	86	122	205		
NEWCASTLE-ON-TYNE -	3178	845	630	1	19	69	10	83	46	123	134	166	365		

TABLE 20.*—Analysis of the Mortality in 20 large English Towns in the 52 Weeks ending 29th December 1877.

BOROUGH, &c.	ANNUAL RATE OF MORTALITY per 1000 living at all Ages.			DEATHS under 1 Year to 1000 Births Registered.	ANNUAL RATE OF MORTALITY per 1000 living.		PER-CENTAGE, TO TOTAL DEATHS, OF DEATHS REGISTERED.	
	ALL CAUSES.	SEVEN ZYMOTIC DISEASES.	VIOLENCE.		Aged 1 to 60 Years.	Aged 60 Years and upwards.	From Certificate of the Coroner. (Inquests.)	In Public Institutions.
In 20 Towns - -	22.7	3.5	0.77	154	13.7	74.8	6.0	15.5
LONDON - - -	21.9	3.5	0.76	146	13.3	72.3	6.4	19.2
BRIGHTON - - -	18.7	1.9	0.49	150	10.6	61.0	3.7	15.0
PORTSMOUTH - - -	17.4	2.7	0.37	133	9.7	72.4	4.6	10.7
NORWICH - - -	21.0	2.9	0.49	154	10.3	70.3	6.0	10.8
PLYMOUTH - - -	21.7	3.0	0.63	159	11.8	76.1	5.6	8.3
BRISTOL - - -	21.8	3.4	0.66	154	12.7	69.5	4.3	14.8
WOLVERHAMPTON - -	24.2	4.7	0.70	146	14.4	95.0	5.0	16.6
BIRMINGHAM - - -	24.2	4.1	1.10	163	14.3	81.3	8.0	12.2
LEICESTER - - -	21.5	3.0	0.65	189	10.9	64.2	6.9	10.6
NOTTINGHAM - - -	22.9	1.9	0.71	169	12.1	79.9	7.2	10.8
LIVERPOOL - - -	26.5	4.7	1.21	188	16.7	80.5	5.2	15.2
MANCHESTER - - -	27.4	4.2	0.85	161	18.1	90.9	8.6	16.8
SALFORD - - -	25.1	4.8	0.71	161	16.0	73.1	4.4	9.0
OLDHAM - - -	24.2	3.0	0.63	161	15.3	75.6	3.1	6.3
BRADFORD - - -	21.9	2.4	0.59	155	13.6	73.4	4.6	7.7
LEEDS - - -	22.3	2.8	0.64	165	12.9	75.2	5.3	8.4
SHEFFIELD - - -	21.9	3.3	0.46	145	13.6	81.7	2.6	9.8
HULL - - -	21.7	3.0	0.82	161	11.5	73.2	4.6	10.7
SUNDERLAND - - -	22.6	3.3	0.78	143	13.2	85.2	4.9	8.2
NEWCASTLE-ON-TYNE -	22.4	2.5	0.95	151	13.2	81.3	5.2	11.5

* These Tables are reprinted from the Registrar General's "Annual Summary" for 1877.

TABLE 21.—Deaths and Mortality from Seven Zymotic Diseases in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from SEVEN ZYMOTIC DISEASES in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	16476	19455	12699	11385	11230	13411	12565	12292	4.16	3.49
Brighton - - - -	453	360	317	173	240	236	222	198	3.08	1.94
Portsmouth - - - -	425	364	827	316	439	374	806	344	4.23	2.71
Norwich - - - -	470	519	609	177	163	354	242	240	4.47	2.87
Plymouth - - - -	271	389	392	162	338	171	220	215	3.97	2.96
Bristol - - - -	1328	645	675	516	414	970	751	695	4.02	3.44
Wolverhampton - - - -	308	517	437	343	274	236	281	341	4.91	4.66
Birmingham - - - -	1614	1863	1924	2045	2650	2108	1326	1550	5.44	4.12
Leicester - - - -	621	566	768	519	410	676	557	349	5.76	2.98
Nottingham - - - -	417	478	450	269	300	468	332	184	4.24	1.80
Liverpool - - - -	4233	5630	2849	2014	4267	2325	2924	2488	6.90	4.74
Manchester - - - -	2112	2411	2027	2128	1944	1623	1870	1500	5.70	4.19
Salford - - - -	705	1016	659	790	865	982	1173	781	6.40	4.81
Oldham - - - -	424	312	806	296	400	362	363	307	4.77	2.97
Bradford - - - -	891	674	768	519	892	937	647	433	4.84	2.42
Leeds - - - -	1735	1411	1665	1629	1762	1298	1311	836	5.69	2.81
Sheffield - - - -	1699	1850	1728	1263	1566	1287	1302	938	6.06	3.34
Hull - - - -	674	522	814	501	690	823	485	415	5.05	2.97
Sunderland - - - -	298	1535	527	342	467	405	443	361	5.67	3.28
Newcastle-on-Tyne - - - -	517	1202	588	931	744	489	356	351	5.21	2.48

TABLE 22.—Deaths and Mortality from Small-pox in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from SMALL-POX in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	958	7876	1781	115	56	75	735	2544	.50	.72
Brighton - - - -	40	64	4	—	1	—	1	10	.17	.10
Portsmouth - - - -	1	39	508	48	2	—	1	1	.74	.01
Norwich - - - -	—	245	317	1	—	—	2	—	1.00	—
Plymouth - - - -	—	58	208	2	2	1	—	1	.56	.01
Bristol - - - -	3	45	209	9	26	70	24	—	.29	—
Wolverhampton - - - -	—	284	180	2	1	—	—	—	.97	—
Birmingham - - - -	3	61	298	122	639	175	—	8	.52	.02
Leicester - - - -	—	11	313	2	—	—	—	1	.47	.01
Nottingham - - - -	—	144	205	—	—	—	—	—	.57	—
Liverpool - - - -	174	1919	50	10	30	29	386	299	.75	.57
Manchester - - - -	53	267	75	20	10	17	190	49	.26	.14
Salford - - - -	34	227	41	4	4	32	347	93	.70	.57
Oldham - - - -	27	52	26	1	1	3	7	24	.20	.23
Bradford - - - -	9	5	32	21	60	3	1	4	.12	.02
Leeds - - - -	9	43	268	112	34	20	4	3	.26	.01
Sheffield - - - -	7	406	601	5	1	—	1	2	.59	.01
Hull - - - -	1	57	216	26	3	2	—	1	.35	.01
Sunderland - - - -	1	850	54	1	—	—	—	—	1.31	—
Newcastle-on-Tyne - - - -	6	695	135	4	—	—	1	1	.93	.01

TABLE 23.—Deaths and Mortality from Measles in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from MEASLES in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	1443	1431	1680	2195	1655	1427	1741	2347	.49	.67
Brighton - - - -	39	21	47	6	58	2	56	2	.35	.02
Portsmouth - - - -	37	38	52	16	55	64	127	12	.46	.09
Norwich - - - -	27	1	57	8	6	18	12	29	.23	.35
Plymouth - - - -	2	104	22	9	136	1	108	4	.77	.06
Bristol - - - -	126	61	58	109	66	107	75	135	.45	.67
Wolverhampton - - - -	20	26	12	3	49	2	38	9	.31	.12
Birmingham - - - -	92	400	44	123	134	138	87	305	.41	.81
Leicester - - - -	36	30	28	60	24	45	47	36	.37	.31
Nottingham - - - -	19	16	2	33	19	75	35	16	.30	.16
Liverpool - - - -	226	473	478	348	444	117	688	197	.78	.38
Manchester - - - -	72	305	113	354	226	209	220	223	.60	.62
Salford - - - -	8	160	23	236	138	138	145	137	.87	.84
Oldham - - - -	79	57	37	8	84	34	55	11	.57	.11
Bradford - - - -	85	8	190	11	137	22	135	19	.53	.11
Leeds - - - -	192	99	128	48	185	107	178	122	.49	.41
Sheffield - - - -	60	159	77	192	75	42	170	99	.43	.35
Hull - - - -	7	88	13	40	50	31	45	40	.30	.29
Sunderland - - - -	1	58	50	33	60	5	43	1	.35	.01
Newcastle-on-Tyne - - - -	21	69	24	76	16	47	26	19	.30	.13

TABLE 24.—Deaths and Mortality from Scarlet Fever in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from SCARLET FEVER in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	5998	1896	904	652	2662	3651	2297	1576	.77	.45
Brighton - - - -	134	—	75	6	3	18	64	28	.59	.27
Portsmouth - - - -	115	30	5	11	35	47	447	39	.81	.31
Norwich - - - -	167	43	18	5	2	34	59	80	.58	.96
Plymouth - - - -	54	28	10	1	9	14	14	48	.27	.66
Bristol - - - -	746	173	23	39	22	457	284	45	1.33	.22
Wolverhampton - - - -	52	23	70	124	34	26	59	224	.79	3.06
Birmingham - - - -	324	127	409	536	741	271	204	234	1.07	.62
Leicester - - - -	260	112	5	6	23	172	168	33	1.05	.28
Nottingham - - - -	120	28	5	11	49	159	74	19	.69	.19
Liverpool - - - -	1268	630	222	215	1911	468	251	225	1.41	.43
Manchester - - - -	256	260	357	545	495	325	343	366	1.04	1.02
Salford - - - -	99	60	78	127	156	251	178	119	.96	.73
Oldham - - - -	74	35	525	120	72	68	110	56	1.62	.54
Bradford - - - -	241	144	81	47	288	459	143	106	1.26	.59
Leeds - - - -	329	108	146	623	664	231	320	151	1.26	.51
Sheffield - - - -	657	325	189	223	672	312	278	209	1.51	.74
Hull - - - -	306	65	29	36	184	279	58	31	1.08	.22
Sunderland - - - -	44	190	114	28	136	60	134	134	.99	1.22
Newcastle-on-Tyne - - - -	72	39	109	466	258	76	51	69	1.14	.49

TABLE 25.—Deaths and Mortality from Diphtheria in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from DIPHTHERIA in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	313	313	255	306	365	546	359	317	.11	.09
Brighton - - - -	27	9	10	4	19	9	8	5	.13	.05
Portsmouth - - - -	14	10	19	15	24	18	10	4	.13	.03
Norwich - - - -	15	13	3	2	8	3	9	7	.09	.08
Plymouth - - - -	3	22	18	4	6	3	4	17	.12	.23
Bristol - - - -	20	19	16	20	14	13	11	5	.09	.02
Wolverhampton - - - -	23	4	3	7	6	6	12	2	.12	.03
Birmingham - - - -	66	76	82	100	73	55	53	53	.20	.14
Leicester - - - -	12	6	3	14	8	8	11	10	.09	.09
Nottingham - - - -	7	4	—	—	9	2	1	2	.04	.02
Liverpool - - - -	63	74	69	50	54	27	27	54	.10	.10
Manchester - - - -	36	11	19	11	11	43	28	33	.06	.09
Salford - - - -	10	12	11	8	14	25	10	13	.09	.08
Oldham - - - -	6	8	4	1	12	11	2	15	.07	.15
Bradford - - - -	26	19	15	3	3	11	20	17	.09	.10
Leeds - - - -	24	24	10	22	29	23	21	17	.08	.06
Sheffield - - - -	26	16	18	15	21	12	20	34	.07	.13
Hull - - - -	12	2	7	7	12	7	10	13	.06	.09
Sunderland - - - -	29	16	9	16	14	8	7	14	.14	.13
Newcastle-on-Tyne - - - -	8	14	8	11	14	10	10	10	.08	.07

TABLE 26.—Deaths and Mortality from Whooping-cough in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from WHOOPING-COUGH in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	1935	2299	3249	2689	1861	3232	2739	1780	.77	.51
Brighton - - - -	74	8	25	42	50	79	11	53	.44	.51
Portsmouth - - - -	43	66	16	17	105	7	52	69	.37	.54
Norwich - - - -	46	38	48	20	17	144	6	8	.56	.10
Plymouth - - - -	80	49	20	35	61	52	18	29	.64	.40
Bristol - - - -	97	59	123	92	43	101	49	245	.43	1.21
Wolverhampton - - - -	29	56	47	29	37	58	36	23	.60	.31
Birmingham - - - -	260	313	263	177	248	432	195	361	.76	.96
Leicester - - - -	48	22	43	62	43	88	29	63	.46	.54
Nottingham - - - -	29	7	32	25	24	34	40	41	.29	.40
Liverpool - - - -	451	519	591	166	516	365	490	735	.88	1.40
Manchester - - - -	403	212	460	157	319	305	280	345	.86	.96
Salford - - - -	119	113	171	49	133	142	155	102	.92	.63
Oldham - - - -	89	28	60	20	96	57	18	115	.60	1.11
Bradford - - - -	67	112	82	112	68	108	65	126	.56	.71
Leeds - - - -	190	147	216	109	143	217	119	216	.60	.73
Sheffield - - - -	102	176	164	159	132	181	134	233	.59	.83
Hull - - - -	18	26	100	43	49	134	61	62	.47	.44
Sunderland - - - -	62	72	82	58	16	134	53	61	.66	.55
Newcastle-on-Tyne - - - -	92	89	63	36	104	63	41	83	.53	.59

TABLE 27.—Deaths and Mortality from Fever in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from FEVER in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	2053	1746	1340	1549	1554	1282	1176	1249	.46	.35
Brighton - - - -	39	33	25	31	33	25	14	20	.31	.20
Portsmouth - - - -	93	75	121	100	105	100	70	87	.80	.69
Norwich - - - -	71	39	55	61	34	44	29	39	.58	.47
Plymouth - - - -	31	33	49	37	38	34	36	40	.53	.55
Bristol - - - -	120	116	83	106	84	94	89	138	.52	.68
Wolverhampton - - - -	62	54	33	33	46	37	25	20	.70	.27
Birmingham - - - -	233	134	188	205	199	196	140	145	.54	.39
Leicester - - - -	50	76	70	63	56	63	42	24	.59	.21
Nottingham - - - -	116	106	77	70	59	73	43	32	.86	.31
Liverpool - - - -	900	888	441	314	433	477	388	373	1.10	.71
Manchester - - - -	465	377	248	288	215	208	243	167	.83	.47
Salford - - - -	131	85	86	88	124	111	75	110	.73	.68
Oldham - - - -	35	36	48	41	45	86	71	26	.57	.25
Bradford - - - -	194	134	133	123	106	81	73	60	.78	.34
Leeds - - - -	339	331	295	210	205	140	177	110	.90	.37
Sheffield - - - -	340	221	242	233	190	322	248	168	1.02	.60
Hull - - - -	117	105	171	122	170	108	76	57	.97	.41
Sunderland - - - -	58	221	106	53	70	46	61	66	.87	.60
Newcastle-on-Tyne - - - -	133	99	84	111	116	93	74	46	.76	.32

TABLE 28.—Deaths and Mortality from Diarrhoea in 20 LARGE TOWNS.

BOROUGHES.	DEATHS from DIARRHOEA in 52 or 53 Weeks in each Year.								Annual Rate of Mortality per 1000.	
	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	7 Years 1870-76.	1877.
London - - - -	3776	3894	3490	3879	3077	3198	3518	2479	1.06	.70
Brighton - - - -	100	143	131	84	76	103	68	80	1.09	.79
Portsmouth - - - -	122	106	106	109	113	138	99	132	.97	1.04
Norwich - - - -	144	140	111	80	101	111	125	77	1.43	.91
Plymouth - - - -	101	95	65	74	86	66	40	76	1.08	1.05
Bristol - - - -	216	172	158	141	159	128	219	127	.91	.64
Wolverhampton - - - -	122	70	92	95	101	107	111	63	1.42	.87
Birmingham - - - -	636	702	640	732	616	841	647	444	1.94	1.18
Leicester - - - -	215	309	306	312	256	300	260	182	2.73	1.54
Nottingham - - - -	126	173	129	130	140	125	139	74	1.49	.72
Liverpool - - - -	1151	1127	998	911	879	842	694	605	1.88	1.15
Manchester - - - -	827	979	755	753	668	516	566	317	2.05	.89
Salford - - - -	304	359	249	278	296	283	263	207	2.13	1.28
Oldham - - - -	114	96	106	105	90	103	100	60	1.14	.58
Bradford - - - -	269	252	235	197	230	253	210	101	1.50	.55
Leeds - - - -	652	659	602	500	502	560	492	217	2.10	.72
Sheffield - - - -	507	547	437	426	475	418	451	193	1.85	.68
Hull - - - -	213	179	278	227	222	267	235	211	1.82	1.51
Sunderland - - - -	103	128	112	153	171	152	145	85	1.35	.77
Newcastle-on-Tyne - - - -	135	197	165	227	236	200	153	123	1.47	.87

TABLE 29.—Proportional Mortality of Children under One Year of Age from different Causes, to 1000 BIRTHS, in England, in Scotland, and in 15 large English Towns, 1873-7.*

BOROUGH, &c.	Years.	ANNUAL DEATHS OF CHILDREN under One Year of Age to 1000 BIRTHS.												
		ALL CAUSES.	The Eleven Causes.	Measles.	Scarlet Fever.	Whooping-cough.	Teething.	Diarrhoea.	Convulsions.	Lung Diseases.	Tubercular Diseases.	Atrophy.	Premature Birth.	Suffocation.
ENGLAND	1873-6	151	130.1	2.3	1.3	5.7	2.9	17.1	24.6	26.5	9.7	25.8	12.8	1.4
	1877	136	115.3	2.2	1.0	5.6	2.7	10.5	21.7	26.1	9.4	21.6	13.1	1.4
SCOTLAND	1870-3	125	94.4	2.4	1.7	6.1	3.3	7.3	5.7	25.0	11.0	30.9		1.0
	1874	125	93.5	1.7	3.1	5.2	3.0	8.1	5.4	25.8	9.7	29.7		1.8
Portsmouth	1873-6	144	129.8	3.7	1.4	5.2	3.3	29.3	20.6	24.1	13.4	21.0	7.0	.8
	1877	133	117.7	.5	.5	11.5	2.9	25.9	13.0	24.9	12.5	14.7	10.1	1.2
London	1873-6	158	135.0	3.1	1.1	8.4	3.5	20.6	18.6	31.8	13.6	19.9	10.5	3.9
	1877	146	118.3	3.9	.7	5.6	3.0	12.9	16.1	30.7	13.7	17.0	10.9	3.8
Wolverhampton	1873-6	170	142.2	2.6	1.6	5.7	1.4	23.0	30.0	32.1	9.9	24.5	10.7	.7
	1877	146	125.5	1.1	6.3	4.6	1.8	14.7	20.3	25.2	8.1	29.4	13.3	.7
Sunderland	1874-6	162	142.2	1.8	.8	7.0	2.7	21.2	26.4	24.4	5.3	37.0	15.1	.5
	1877	143	122.7	—	1.3	5.8	1.1	8.4	28.0	20.7	4.9	36.2	15.6	.7
Oldham	1873-6	178	149.0	3.2	1.6	5.9	4.1	16.1	26.3	36.8	11.4	28.3	15.3	—
	1877	161	135.6	1.0	1.2	10.5	2.5	8.5	31.0	35.7	7.2	26.0	11.5	.5
Norwich	1873-6	181	158.9	.6	.2	7.5	2.1	30.2	21.7	21.3	8.4	58.2	8.6	.1
	1877	154	129.8	2.1	2.1	1.8	3.2	19.2	15.2	16.7	6.7	47.6	15.2	—
Salford	1873-6	185	152.9	6.4	1.7	5.5	2.5	29.6	24.3	29.1	14.7	27.3	11.1	.7
	1877	161	133.1	3.9	1.0	5.5	4.1	17.5	18.8	29.3	11.1	30.7	10.5	.7
Sheffield	1874-6	178	150.9	2.2	2.7	5.8	4.5	30.5	32.9	34.9	8.3	15.7	12.8	.6
	1877	145	128.2	1.7	1.0	8.2	2.7	11.6	29.3	31.0	9.1	22.2	11.0	.4
Birmingham	1873-6	179	154.8	1.8	2.0	6.7	1.7	33.0	13.3	28.9	7.6	37.1	13.5	9.2
	1877	163	138.4	4.3	1.4	9.2	1.9	20.6	13.2	29.7	7.9	32.3	10.2	7.7
Newcastle-upon-Tyne	1873-6	185	158.3	1.8	2.3	4.7	3.1	22.9	35.5	24.3	13.3	35.4	12.4	2.6
	1877	151	126.2	.9	1.1	7.3	2.3	13.9	22.3	22.1	10.7	31.0	11.9	2.7
Manchester	1873-6	190	151.6	3.0	1.8	6.5	3.0	28.3	26.4	30.6	7.4	32.6	11.3	.7
	1877	161	119.2	2.2	1.2	7.7	2.1	12.7	20.3	27.7	6.3	25.7	12.5	.8
Nottingham	1874-6	189	176.7	3.4	1.8	5.4	2.7	33.5	30.1	25.3	14.3	42.6	16.8	.8
	1877	169	157.1	.6	—	4.6	7.2	18.8	23.2	22.6	12.7	49.5	15.6	2.3
Leeds	1873-6	192	159.5	2.5	2.4	5.1	3.1	31.0	26.0	31.2	9.7	31.5	16.1	.9
	1877	165	137.3	2.1	.9	7.4	3.3	12.3	23.7	33.8	9.8	25.3	17.1	1.6
Leicester	1873-6	218	197.2	2.6	1.3	5.4	3.4	52.6	29.0	23.2	10.6	50.3	17.7	1.1
	1877	189	173.4	2.7	.6	5.9	2.9	29.7	24.2	20.7	12.6	54.3	18.1	1.7
Liverpool	1873-6	216	188.6	7.4	4.0	9.5	1.9	29.7	28.0	39.6	12.1	37.3	10.7	8.4
	1877	188	162.8	2.1	.8	15.9	1.0	18.5	23.3	37.0	12.7	33.3	10.7	7.5

* The results for the eleven causes in these large towns (excepting London) are deduced from returns supplied by the Medical Officers of Health. As far as practicable differences in nomenclature have been adjusted.

TABLE 30.—Deaths by different Diseases in England in 1877, CLASSIFIED according to the Nomenclature drawn up by a COMMITTEE appointed by the ROYAL COLLEGE OF PHYSICIANS of LONDON.

No.	N A M E.	Persons.	Males.	Females.	No.	N A M E.	Persons.	Males.	Females.
	ALL CAUSES	500,496	260,567	239,929	III-5	DISEASES OF THE CIRCULATORY SYSTEM.			
	SPECIFIED CAUSES	496,097	258,118	237,979		<i>Diseases of the Heart and its Membranes.</i>			
I.	GENERAL DISEASES A.	56,754	27,872	28,882		1. Diseases of the Pericardium	29810	14315	15495
II.	GENERAL DISEASES B.	85,810	41,833	43,977		2. " " Endocardium	184	82	102
III.	LOCAL DISEASES	269,369	141,933	127,416		3. " " Muscular Structure of the Heart	3869	2028	1841
IV.	CONDITIONS NOT NECESSARILY ASSOCIATED WITH GENERAL OR LOCAL DISEASES	63,229	31,356	31,873		<i>Diseases of the Blood Vessels.</i>			
V.	POISONS (VEGETABLE)	1,146	849	297		1. Diseases of the Arteries	1208	772	436
VI.	INJURIES (INCLUDING OTHER POISONS)	17,314	12,916	4,398	III-6	DISEASES OF THE ABSORBENT SYSTEM.			
VII.	SURGICAL OPERATIONS	97	—	97		1. Diseases of the Bronchial Glands	36	24	12
VIII.	HUMAN PARASITES	57	27	30	III-7	DISEASES OF THE DUCTLESS GLANDS.			
IX.	CONGENITAL MALFORMATIONS	246	130	116		1. Diseases of the Thyroid Gland	74	12	62
X.	MURDER, MANSLAUGHTER, HANGING (EXECUTION), & OTHER VIOLENT DEATHS NOT CLASSED	2,075	1,132	943		3. " " Supra-Renal Capsules	92	51	41
	SUDDEN DEATHS, CAUSE UNASCERTAINED	2,543	1,435	1,108	III-8	DISEASES OF THE RESPIRATORY SYSTEM.			
	CAUSES NOT SPECIFIED, INCLUDING ABSCESS AND TUMOUR	1,856	1,014	842		1. Diseases of the Respiratory System not strictly local	3910	2100	1810
III.	ARRANGEMENT OF LOCAL DISEASES.					3. " " Larynx	1003	545	458
	1. DIS. OF THE NERVOUS SYSTEM	76728	41542	35186		4. " " Trachea & Bronchi	55993	29020	26973
	2. " EYE	46	27	19		5. " " Lung	29507	16909	12598
	3. " EAR	220	118	102		6. " " Pleura	1165	722	443
	4. " NOSE	103	43	60	III-9	DISEASES OF THE DIGESTIVE SYSTEM.			
	5. " CIRCULATORY SYSTEM	35326	17256	18070		1. Diseases of the Lips	12	6	6
	6. " ABSORBENT	36	24	12		2. " " Mouth	1522	791	731
	7. " DUCTLESS GLANDS	166	63	103		4. Diseases, Malformations, & Injuries of the Teeth, Gums, and Alveoli	4470	2460	2010
	8. " RESPIRATORY SYSTEM	91578	49296	42282		12. Diseases of the Tongue	10	5	5
	9. " DIGESTIVE	46607	24042	22565		13. " " Fauces and Palate	522	270	252
	10. " URINARY	9510	6252	3258		14. " " Pharynx	28	11	17
	11. " GENERATIVE	3186	26	3160		16. " " Oesophagus	5	—	5
	12. " FEMALE BREAST	11	—	11		17. " " Stomach	3762	1790	1972
	14. " ORGANS OF LOCOMOTION	2710	1565	1145		18. " " Intestines	23160	12123	11037
	15. " CELLULAR TISSUE	444	245	199		19. " " Rectum and Anus	297	174	123
	16. " CUTANEOUS SYSTEM	2698	1454	1244		20. " " Liver	10058	5226	4832
III-1	DISEASES OF THE NERVOUS SYSTEM.					21. " " Hepatic Ducts and Gall Bladder	160	56	104
	1. Diseases of the Brain and its Membranes	33827	18181	15646		22. " " Pancreas	4	2	2
	2. " " Spinal Cord and its Membranes	1264	619	645		23. " " Spleen	127	60	67
	3. " " Nerves	11836	5981	5855		24. " " Peritoneum	2470	1068	1402
	4. Functional Diseases of the Nervous System	28287	16003	12284	III-10	DISEASES OF THE URINARY SYSTEM.			
	5. Disorders of the Intellect	1514	758	756		1. Diseases of the Kidney	7439	4372	3067
III-2	DISEASES OF THE EYE.					2. " " Bladder	1158	974	184
	1. Diseases of the Conjunctiva	38	22	16		3. " " Prostate Gland	599	599	—
	4. " " Iris	6	4	2		4. Gonorrhoea and its complications	3	3	—
	5. " " Choroid and Retina	2	1	1		5. Diseases of the Urethra	311	304	7
	7. " " Lens and its Capsule	—	—	—	III-11	DISEASES OF THE GENERATIVE SYSTEM.			
	8. General Affections of the Eye	—	—	—		<i>Male Organs of Generation.</i>			
III-3	DISEASES OF THE EAR.					3. Diseases of the Cord	—	—	—
	7. Diseases of the Internal Ear (Otitis)	220	118	102		4. " " Tunica Vaginalis	2	2	—
III-4	DISEASES OF THE NOSE.					5. " " Testicle	10	10	—
	1. Diseases of the Nose	103	43	60		6. Other Diseases (Uterus)	14	14	—
						<i>Female Organs of Generation in the Unimpregnated State.</i>			
						1. Diseases of the Ovary	355	—	355
						3. " " Broad Ligament	—	—	—
						4. " " Uterus	833	—	833
						7. Functional Diseases	90	—	90
						<i>Affections connected with Pregnancy.</i>			
						13. Disorders of the Generative System	147	—	147
						14. Affections connected with Parturition	340	—	340
						15. " " consequent on Parturition	1395	—	1395
					III-12	DISEASES OF THE FEMALE BREAST.			
						1. Diseases of the Female Breast	11	—	11

TABLE 30. (continued.)—Deaths by different Diseases in England in 1877, CLASSIFIED according to the Nomenclature drawn up by a COMMITTEE appointed by the ROYAL COLLEGE OF PHYSICIANS OF LONDON.

No.	N A M E.	Persons.	Males.	Females.	No.	N A M E.	Persons.	Males.	Females.
III.-14	DISEASES OF THE ORGANS OF LOCOMOTION.				III.-1	DISEASES OF THE NERVOUS SYSTEM—continued.			
1.	Diseases of the Bones - - -	736	429	307	75.	Inflammation (Myelitis) - - -	455	241	214
2.	" " Joints - - -	1638	943	695	77.	Tabes Dorsalis - - -	2	2	-
3.	" " Spine - - -	336	193	143	80.	Spina Bifida - - -	653	289	364
III.-15	DISEASES OF THE CELLULAR TISSUE.					Spinal Marrow Disease - - -	154	87	67
1.	Diseases of the Cellular Tissue - - -	444	245	199	3.	Diseases of the Nerves.			
III.-16	DISEASES OF THE CUTANEOUS SYSTEM.				84.	Paralysis - - - - -	11836	5981	5855
1.	Cutaneous System - - - - -	2682	1446	1236	4.	Functional Diseases of the Nervous System.			
2.	Parasitic Diseases of the Skin - - -	16	8	8	90.	Tetanus (Idiopathic) - - -	27	17	10
I.	GENERAL DISEASES A.				91.	Hydrophobia - - - - -	79	61	18
1.	Small-pox - - - - -	4278	2439	1839	92.	Infantile Convulsions - - -	24147	13698	10449
2.	Cow-pox - - - - -	32	19	13	93.	Epilepsy - - - - -	2926	1564	1362
3.	Chicken-pox - - - - -	110	55	55	96.	Laryngismus Stridulus - - -	865	579	286
4.	Measles - - - - -	9045	4685	4360	97.	Shaking Palsy - - - - -	101	52	49
5.	Scarlet Fever - - - - -	14456	7405	7051	98.	Chorea - - - - -	82	16	66
7.	Typhus Fever - - - - -	1104	606	498	99.	Hysteria - - - - -	20	-	20
8.	Cerebro-spinal Fever* - - - - -	46	23	23	100.	Catalepsy - - - - -	1	-	1
9.	Enteric Fever - - - - -	6879	3448	3431	101.	Neuralgia - - - - -	39	16	23
10.	Relapsing Fever - - - - -	35	22	13	5.	Disorders of the Intellect.			
11.	Simple Continued Fever - - - - -	1923	947	976	105.	Mania - - - - -	1363	687	676
13.	Yellow Fever - - - - -	4	4	-	106.	Melancholia - - - - -	138	67	71
15.	Ague - - - - -	127	62	65		Grief - - - - -	-	-	-
16.	Remittent Fever - - - - -	81	45	36		Fright - - - - -	-	-	-
17.	Simple Cholera - - - - -	309	183	126		Rage - - - - -	-	-	-
18.	Malignant Cholera - - - - -	2569	1185	1384	III.-2	DISEASES OF THE EYE.			
19.	Diphtheria - - - - -	11358	5180	6178	1.	Diseases of the Conjunctiva.			
20.	Whooping-cough - - - - -	67	44	23	111.	Ophthalmia - - - - -	38	22	16
21.	Mumps - - - - -	205	102	103	4.	Diseases of the Iris.			
22.	Influenza - - - - -	2	1	1	136.	Iritis - - - - -	-	-	-
23.	Glanders - - - - -	2	2	-	5.	Diseases of the Choroid and Retina.			
24.	Farcy - - - - -	8	4	4	146.	Amaurosis - - - - -	6	4	2
26.	Malignant Pustule - - - - -	2077	1117	960	7.	Diseases of the Lens and its Capsule.			
30.	Erysipelas, including Necrosis - - -	584	289	295	152.	Cataract - - - - -	2	1	1
31.	Pyæmia - - - - -	1444	5	4	8.	General Affections of the Eye.			
32.	Puerperal Fever - - - - -	9	-	-	156.	Glaucoma - - - - -	-	-	-
33.	Other Zymotic Diseases - - - - -	-	-	-	III.-3	DISEASES OF THE EAR.			
II.	GENERAL DISEASES B.				Diseases of the Internal Ear (Otitis)	220	118	102	
34.	Acute Rheumatism - - - - -	2070	1088	982	III.-4	DISEASES OF THE NOSE.			
36.	Synovial Rheumatism - - - - -	1504	756	748	213.	Epistaxis - - - - -	58	34	24
37.	Muscular Rheumatism - - - - -	659	507	152	215.	Polypus Nasi - - - - -	45	9	36
38.	Chronic Rheumatism - - - - -	8	5	3	III.-5	DISEASES OF THE CIRCULATORY SYSTEM.			
39.	Rheumatism of Heart - - - - -	8	5	3	DISEASES OF THE HEART AND ITS MEMBRANES.				
40.	Acute Gout - - - - -	2074	1051	1023	1.	Diseases of the Pericardium.			
41.	Chronic Gout - - - - -	11961	5923	6038	Heart - - - - -	29247	14003	15244	
42.	Gouty Synovitis - - - - -	19	7	12	219.	Pericarditis - - - - -	472	269	203
43.	Syphilis { Ulcer of Groin - - - - -	11	6	5	222.	Dropsy (Hydropericardium) - - -	91	43	48
	a. Primary Syphilis - - - - -	10	5	5	2.	Diseases of the Endocardium.			
	b. Secondary " - - - - -	19	10	9	224.	Endocarditis - - - - -	184	82	102
	c. Hereditary " - - - - -	26	10	16	3.	Diseases of the Muscular Structure of the Heart.			
44.	Cancer { a. Epithelial Cancer - - - - -	61	29	32	227.	Carditis - - - - -	52	25	27
	b. Medullary Cancer - - - - -	3120	1726	1394	229.	Hypertrophy - - - - -	523	292	231
	c. Melanotic Cancer - - - - -	49245	24720	24525	241.	Cyanosis - - - - -	844	487	357
46.	Lupus - - - - -	2060	1416	644	242.	Angina Pectoris - - - - -	452	298	154
47.	Rodent Ulcer - - - - -	7382	3967	3415	243.	Syncope - - - - -	1908	926	1072
49.	Scrofula { Phthisis Pulmonalis - - - - -	430	206	224					
	Hæmoptysis - - - - -	347	195	152					
	Tabes Mesenterica - - - - -	430	206	224					
	Tubercular Peritonitis - - - - -	347	195	152					
50.	Rickets - - - - -	1006	663	343					
51.	Cretinism - - - - -	336	183	153					
52.	Diabetes - - - - -	718	276	442					
53.	Purpura - - - - -	27	11	16					
54.	Scurvy - - - - -	2747	1145	1602					
55.	Anæmia - - - - -								
56.	Chlorosis - - - - -								
57.	General Dropsy - - - - -								
III.-1	DISEASES OF THE NERVOUS SYSTEM.								
1.	Diseases of the Brain and its Membranes.								
Diseases of the Brain - - - - -	3185	1801	1384						
60.	Meningitis (Cephalitis) - - - - -	6455	3577	2878					
61.	Softening of the Brain - - - - -	3023	1779	1244					
65.	Apoplexy - - - - -	13283	6416	6867					
67.	Hydrocephalus - - - - -	7881	4608	3273					

* Deaths so returned are classed to typhus fever.

TABLE 30. (continued.)—Deaths by different Diseases in England in 1877, CLASSIFIED according to the Nomenclature drawn up by a COMMITTEE appointed by the ROYAL COLLEGE OF PHYSICIANS OF LONDON.

No.	N A M E.	Persons.	Males.	Females.	No.	N A M E.	Persons.	Males.	Females.
III.-5	DISEASES OF THE CIRCULATORY SYSTEM—continued.				III.-9	DISEASES OF THE DIGESTIVE SYSTEM—continued.			
	DISEASES OF THE BLOOD VESSELS.				14.	Diseases of the Pharynx.			
	1. Diseases of the Arteries.				451.	Pharyngitis - - - - -	28	11	17
248.	Occlusion: Embolism - - - - -	388	139	249	16.	Diseases of the Œsophagus.			
250.	Aneurism - - - - -	820	633	187	443.	Œsophagitis - - - - -	5	-	5
	2. Diseases of the Veins.				17.	Diseases of the Stomach.			
260.	Phlebitis - - - - -	99	44	55	449.	Gastritis - - - - -	941	411	530
261.	Phlegmasia Dolens - - - - -	105	15	105	451.	Hæmatemesis - - - - -	379	235	144
266.	Varicose Veins - - - - -	51	15	36	460.	Dyspepsia - - - - -	334	155	179
III.-6	DISEASES OF THE ABSORBENT SYSTEM.				462.	Pyrosis - - - - -	14	4	10
	1. Diseases of the Bronchial Glands.				463.	Vomiting - - - - -	-	-	-
271.	Inflammation of Glands (Adenitis) - -	36	24	12		Stomach Disease, &c. - - - - -	2094	985	1109
III.-7	DISEASES OF DUCTLESS GLANDS.				18.	Diseases of the Intestines.			
	1. Diseases of the Thyroid Gland.				464.	Enteritis - - - - -	2602	1369	1233
280.	Goitre (Bronchocele) - - - - -	74	12	62	466.	Dysentery - - - - -	579	333	246
	3. Diseases of the Supra Renal Capsules.				467.	Ulceration - - - - -	1008	506	502
286.	Addison's Disease - - - - -	92	51	41	468.	Perforation - - - - -	237	114	123
III.-8	DISEASES OF THE RESPIRATORY SYSTEM.				471.	Fistula - - - - -	110	72	38
	1. Diseases of the Respiratory System not strictly local.				473.	Melæna - - - - -	144	73	71
288.	Croup - - - - -	3910	2100	1810	476.	Obstruction - - - - -	1449	704	745
	3. Diseases of the Larynx.				477.	Stricture (of Intestines) - - -	465	265	200
293.	Laryngitis - - - - -	970	521	449	478.	Intussusception - - - - -	429	232	197
296.	Œdema of the Glottis - - - - -	33	24	9	479.	Ileus - - - - -	188	109	79
	4. Diseases of the Trachea and Bronchi.				480.	Hernia, exclusive of: Umbilical - - - - -	429	252	177
306.	Bronchitis - - - - -	54006	27824	26182		Inguinal - - - - -	117	26	91
314.	Asthma - - - - -	1987	1196	791		Scrotal - - - - -	145	112	33
	5. Diseases of the Lung.					Congenital - - - - -	24	21	3
315.	Pneumonia - - - - -	23696	13672	10024		Femoral - - - - -	166	38	128
318.	Congestion of Lungs - - - - -	8259	1724	1535		Operation for Hernia - - - - -	192	95	97
319.	Pulmonary Extravasation - - - - -	80	46	34	483.	Parasitic (Worms) - - - - -	152	51	101
322.	Emphysema - - - - -	480	282	198	484.	Diarrhœa - - - - -	14703	7730	6973
329.	Grinders' Asthma - - - - -	2	2	-	19.	Diseases of the Rectum and Anus.			
	Lung Disease - - - - -	1990	1183	807	489.	Pelvic Abscess - - - - -	45	-	45
	6. Diseases of the Pleura.				491.	Hæmorrhoids (Piles) - - - - -	44	40	4
331.	Pleurisy (including Diaphragmatitis) -	946	567	379	497.	Malformations: Anus Imperforatus - - - - -	208	134	74
333.	Empyema - - - - -	171	126	45	20.	Diseases of the Liver.			
336.	Pneumothorax - - - - -	48	29	19	501.	Hepatitis - - - - -	1308	614	694
	III.-9				506.	Cirrhosis - - - - -	2778	1598	1180
	DISEASES OF THE DIGESTIVE SYSTEM.				513.	Jaundice - - - - -	1518	736	782
	1. Diseases of the Lips.					Liver Disease, &c. - - - - -	4454	2228	2226
347.	Malformations (a.) Hare Lip - - - - -	12	6	6	21.	Diseases of the Hepatic Ducts and Gall Bladder.			
	2. Diseases of the Mouth.				520.	Gallstones - - - - -	160	56	104
348.	Stomatitis - - - - -	254	123	131	22.	Diseases of the Pancreas.			
350.	Thrush - - - - -	1134	629	505	Pancreas Disease - - - - -	4	2	2	
353.	Cancerum Oris (Noma) - - - - -	184	39	95	23.	Diseases of the Spleen.			
	4. Diseases, Malformations, and Injuries of the Teeth, Gums, and Alveoli.				Spleen Disease - - - - -	127	60	67	
365.	Teething - - - - -	4470	2460	2010	24.	Diseases of the Peritoneum.			
	12. Diseases of the Tongue.				531.	Peritonitis - - - - -	1971	870	1101
412.	Glossitis - - - - -	10	5	5	532.	Ascites - - - - -	499	198	301
	<								

TABLE 30. (continued.)—Deaths by different Diseases in England in 1877, CLASSIFIED according to the Nomenclature drawn up by a COMMITTEE appointed by the ROYAL COLLEGE OF PHYSICIANS OF LONDON.

No.	N A M E.	Persons.	Males.	Females.	No.	N A M E.	Persons.	Males.	Females.
III-10 -cont.	DISEASES OF THE URINARY SYSTEM—continued.				III-12	DISEASES OF THE FEMALE BREAST.			
	3. <i>Diseases of the Prostate Gland.</i>					730. Abscess of Breast - - - - -	11	-	11
	Prostatic Disease - - - - -	599	599	-	III-14	DISEASES OF THE ORGANS OF LOCOMOTION.			
	4. <i>Gonorrhœa and its Complications.</i>					1. <i>Diseases of Bones.</i>			
	585. Gonorrhœa - - - - -	3	3	-		755. Ostitis - - - - -	22	13	9
	587. Phimosis - - - - -	-	-	-		a. Periostitis - - - - -	38	24	14
	588. Paraphimosis - - - - -	-	-	-		759. Caries - - - - -	428	250	178
	5. <i>Diseases of the Urethra.</i>					760. Necrosis - - - - -	230	136	94
	596. Stricture of Urethra - - - - -	268	268	-		761. Mollities Ossium - - - - -	18	6	12
	598. Urinary Abscess (of Perinæum) - - - - -	43	36	7		765. Non-malignant Tumours: a. Exostosis - - - - -	-	-	-
III-11	DISEASES OF THE GENERATIVE SYSTEM.					2. <i>Diseases of Joints.</i>			
	DISEASES OF THE MALE ORGANS OF GENERATION.					768. Acute Synovitis (Arthritis) - - - - -	106	59	47
	3. <i>Diseases of the Cord.</i>					769. Chronic Synovitis - - - - -	1	1	-
	613. Varicocele - - - - -	-	-	-		771. Abscess (White Swelling) - - - - -	1531	883	648
	4. <i>Diseases of the Tunica Vaginalis.</i>					3. <i>Diseases of the Spine.</i>			
	617. Hydrocele - - - - -	2	2	-		785. Psoas, Lumbar, and other Abscesses - - - - -	336	193	143
	618. Hæmatocele - - - - -	-	-	-	III-15	DISEASES OF THE CELLULAR TISSUE.			
	5. <i>Diseases of the Testicle.</i>					818. Inflammation: Phlegmon - - - - -	444	245	199
	620. Orchitis - - - - -	10	10	-	III-16	DISEASES OF THE CUTANEOUS SYSTEM.			
	628. Spermatorrhœa - - - - -	-	-	-		1. <i>Cutaneous System.</i>			
	6. <i>Other Diseases.</i>					827. Erythema - - - - -	47	19	28
	Uterus Disease - - - - -	14	14	-		830. Urticaria - - - - -	-	-	-
	DISEASES OF THE FEMALE ORGANS OF GENERATION IN THE UNIM-PREGNATED STATE.					835. Lichen - - - - -	-	-	-
	1. <i>Diseases of the Ovary.</i>					838. Psoriasis - - - - -	39	30	9
	637. Encysted Dropsy - - - - -	355	-	355		Lepra - - - - -	12	3	9
	3. <i>Diseases of the Broad Ligament.</i>					840. Miliaria - - - - -	4	1	3
	653. Hæmatocele (operation for) - - - - -	-	-	-		841. Herpes - - - - -	8	3	5
	4. <i>Diseases of the Uterus including the Cervix.</i>					842. Pemphigus and Pompholyx - - - - -	47	26	21
	655. Inflammation of Uterus - - - - -	71	-	71		843. Eczema - - - - -	343	207	136
	Uterus Disease - - - - -	762	-	762		844. Impetigo - - - - -	21	10	11
	7. <i>Functional Diseases of the Female Organs of Generation.</i>					845. Rupia - - - - -	14	7	7
	693. Dysmenorrhœa (Paramenia) - - - - -	32	-	32		849. Ecthyma - - - - -	12	8	4
	694. Menorrhagia - - - - -	58	-	58		848. Sycosis - - - - -	4	2	2
	850. Ichthyosis - - - - -	-	-	-		859. Ulcer - - - - -	401	149	252
	AFFECTIONS CONNECTED WITH PREGNANCY.					861. Boil - - - - -	2	1	1
	13. <i>Disorders of the Generative System.</i>					862. Carbuncle - - - - -	261	176	85
	703. Abortion - - - - -	41	-	41		865. Whitlow - - - - -	8	3	5
	704. Premature Labour - - - - -	85	-	85		866. Gangrene (Mortification) - - - - -	634	352	282
	705. Extra-uterine Gestation - - - - -	21	-	21		a. Senile Gangrene - - - - -	565	345	220
	14. <i>Affections connected with Parturition.</i>					b. Bedsores - - - - -	143	43	100
	708. Mechanical obstacle to the action of the Uterus, viz., Distorted or Contracted Pelvis - - - - -	23	-	23		869. Elephantiasis - - - - -	16	6	10
	709. Hæmorrhage from Placenta Prævia - - - - -	237	-	237		Skin Disease - - - - -	101	55	46
	710. Rupture or Laceration of the Uterus - - - - -	28	-	28	IV.	CONDITIONS NOT NECESSARILY ASSOCIATED WITH GENERAL OR LOCAL DISEASES.			
	713. " " " " Perinæum - - - - -	-	-	-		903. Premature Birth - - - - -	11618	6543	5075
	714. Retention of the Placenta - - - - -	52	-	52		904. Old Age - - - - -	26078	11252	14826
	15. <i>Affections consequent on Parturition.</i>					905. Debility - - - - -	25533	13561	11972
	717. Post-partum Hæmorrhage - - - - -	469	-	469	V.	POISONS (VEGETABLE).			
	726. Puerperal Mania - - - - -	92	-	92		938. Alcohol (Intemperance) - - - - -	734	479	255
	727. Puerperal Convulsions - - - - -	359	-	359		a. Delirium Tremens - - - - -	412	370	42
	Childbirth - - - - -	475	-	475					

TABLE 30. (continued.)—Deaths by different Diseases in England in 1877, CLASSIFIED according to the Nomenclature drawn up by a COMMITTEE appointed by the ROYAL COLLEGE OF PHYSICIANS OF LONDON.

No.	N A M E.	Persons.	Males.	Females.	No.	N A M E.	Persons.	Males.	Females.
VI.	INJURIES (INCLUDING OTHER POISONS).				IX.	CONGENITAL MALFORMATIONS.			
	GENERAL INJURIES.					Malformations - - - - -	246	130	116
	<i>Accident or Negligence.</i>					Nævus on Neck - - - - -	-	-	-
	1. Fractures and Contusions - - - - -	7317	6039	1278	X.	MURDER, MANSLAUGHTER, HANGING (EXECUTION), AND OTHER VIOLENT DEATHS NOT CLASSIFIED.			
	2. Gunshot - - - - -	90	81	9		HOMICIDE.			
	3. Cut, Stab - - - - -	127	100	27		Murder and Manslaughter - - - - -	347	205	142
	4. Burns and Scalds - - - - -	2197	1076	1121		EXECUTION.			
	992. Blister - - - - -	-	-	-		Hanging - - - - -	23	23	-
	5. Poison - - - - -	315	209	106		996. Privation - - - - -	52	28	24
	6. Drowning - - - - -	3012	2509	503		Want of Breast Milk - - - - -	601	333	268
	7. Suffocation - - - - -	1682	951	731		Inanition of Infancy - - - - -	1052	543	509
	8. Otherwise - - - - -	875	640	235		SUDDEN DEATHS, CAUSE UNASCERTAINED - - - - -	2543	1435	1108
	<i>Suicide.</i>					CAUSES NOT SPECIFIED - - - - -	1610	876	734
	1. Gunshot Wounds - - - - -	93	92	1		Abscess, Tumour - - - - -	246	138	108
	2. Cut, Stab - - - - -	312	269	43	VII.	SURGICAL OPERATIONS.			
	3. Poison - - - - -	168	101	67		Cataract (Operation) - - - - -	-	-	-
	4. Drowning - - - - -	374	224	150		Ovariectomy - - - - -	96	-	96
	5. Hanging - - - - -	629	534	95		Cæsarean Section - - - - -	1	-	1
	6. Otherwise - - - - -	123	91	32		Instrumental Delivery - - - - -	-	-	-
						Craniotomy - - - - -	-	-	-
VIII.	HUMAN PARASITES.					HUMAN PARASITES.			
	CLASS B. STERELMINTHA.					CLASS B. STERELMINTHA.			
	Tænia (Tape Worm) - - - - -	6	-	6		Tænia (Tape Worm) - - - - -	6	-	6
	Hydatids - - - - -	51	27	24		Hydatids - - - - -	51	27	24

INDEX OF DISTRICTS.

[The following Index furnishes a reference to the *Number* of each REGISTRATION DISTRICT in the topographical arrangement adopted in the Tables of Abstracts contained in the Report. The alphabetical arrangement places compound names in the order in which they are pronounced: thus, East Ashford will be found under the letter E, and *not* under A.]

In consequence of numerous alterations (amalgamations of districts and formations of new districts) since the numerical arrangement, 1 to 623, was adopted in the Abstracts for the year 1847, the districts were re-numbered consecutively from 1 to 627 in the Abstracts for the year 1871.*

For names of Towns, such as *Leamington, Torquay, &c.*, which are not found in this "Index of Districts," see the "Index of Sub-districts" (page 289) and "Index of certain Towns" (page 299).

- | | | | |
|--|---|---|--|
| <p>A</p> <p>Aberayron, 600.
Abergavenny, 579.
Aberystwith, 601.
Abingdon, 114.
Alcester, 398.
Alderbury (Salisbury), 254.
Alnwick, 560.
Alresford, 104.
Alston, 565.
Alton, 105.
Altrincham, 447.
Alverstoke, 88.
Amersham, 139.
Amesbury, 253.
Amphill, 172.
Andover, 109.
Anglesey, 627.
Ashborne, 440.
Ashby-de-la-Zouch, 407.
Ashton-under-Lyne, 468.
Aston, 388.
Atcham (Shrewsbury) 351.
Atherstone, 390.
Auckland, 543.
Axburgh, 315.
Axminster, 269.
Aylesbury, 142.
Aylsham, 223.
Aysgarth, 537.</p> | <p>B</p> <p>Bakewell, 442.
Bala, 620.
Banbury, 154.
Bangor, 625.
Barnet, 127.
Barnsley, 505.
Barnstaple, 285.
Barrow-in-Furness, 481a.
Barrow-upon-Soar, 409.
Barton Regis, 321.
Barton-upon-Irwell, 464.
Basford, 431.
Basingstoke, 107.
Bath, 317.
Battle, 68.
Beaminster, 267.
Bedale, 535.</p> | <p>Bedford, 170.
Bedminster, 319.
Bedwelty, 580.
Belford, 561.
Bellingham, 558.
Belper, 439.
Berkhampstead, 138.
Berwick, 562.
Bethnal Green, 15.
Beverley, 518.
Bicester, 150.
Bideford, 287.
Biggleswade, 171.
Billericay, 190.
Billesdon, 403.
Bingham, 436.
Birkenhead, 454.
Birmingham, 387.
Bishop Stortford, 130.
Blaby, 404.
Blackburn, 474.
Blandford, 260.
Blean, 57.
Blofeld, 228.
Blything, 216.
Bodmin, 294.
Bolton, 462.
Bootle, 573.
Bosmere, 211.
Boston, 418.
Bourn, 415.
Brackley, 155.
Bradfield, 117.
Bradford-on-Avon, 249.
Bradford (Yorkshire), 496.
Braintree, 199.
Bramley, 499.
Brampton, 567.
Brecknock, 604.
Brentford, 125.
Bridge, 55.
Bridgend, 586.
Bridgnorth, 348.
Bridgwater, 307.
Bridlington, 524.
Bridport, 268.
Brighton, 76.
Bristol, 320.
Brixworth, 161.
Bromley, 40.</p> | <p>Bromsgrove, 385.
Bromyard, 341.
Buckingham, 145.
Builth, 603.
Burnley, 472.
Burton-upon-Trent, 368.
Bury, 463.
Bury St. Edmunds, 206.</p> <p>C</p> <p>Caistor, 425.
Calne, 245.
Camberwell, 25.
Cambridge, 178.
Camelford, 290.
Cannock, 371.
Canterbury, 56.
Cardiff, 583.
Cardigan, 597.
Carlisle, 569.
Carmarthen, 593.
Carnarvon, 624.
Castle Ward, 555.
Catherington, 102.
Caxton, 176.
Chapel-en-le-Frith, 443.
Chard, 309.
Cheadle, 366.
Chelmsford, 191.
Chelsea, 2.
Cheltenham, 335.
Chepstow, 577.
Chertsey, 30.
Chester, 452.
Chesterfield, 441.
Chester-le-Street, 549.
Chesterton, 177.
Chichester, 83.
Chippenham, 244.
Chipping Norton, 153.
Chipping Sodbury, 322.
Chorley, 475.
Chorlton, 465.
Christchurch, 92.
Church Stretton, 346.
Cirencester, 331.
Clebury Mortimer, 347.
Clitheroe, 473.</p> |
|--|---|---|--|

* Thus, the number of Marriages in the Aberayron District may at once be ascertained by referring to the "Abstract of Marriages," District number 600 (see page 24); and the numbers of Births and Deaths, of Deaths at different Ages, &c. will be found by referring to the same district number in the respective Tables.

Clun, 345.
Clutton, 316.
Cockermouth, 571.
Colchester, 195.
Congleton, 450.
Conway, 626.
Cookham, 120.
Corwen, 619.
Cosford, 204.
Coventry, 393.
Cranbrook, 51.
Crediton, 282.
Crickhowell, 605.
Cricklade, 242.
Croydon, 37.
Cuckfield, 74.

D

Darlington, 540.
Dartford, 41.
Daventry, 160.
Depwade, 230.
Derby, 438.
Devizes, 247.
Dewsbury, 501.
Docking, 235.
Dolgelly, 621.
Doncaster, 510.
Dorchester, 265.
Dorking, 34.
Dover, 63.
Downham, 238.
Driffield, 523.
Droitwich, 384.
Droxford, 101.
Dudley, 375.
Dulverton, 304.
Dunmow, 200.
Durham, 546a.
Dursley, 324.

E

Easington, 547.
Easingwold, 527.
East Ashford, 54.
Eastbourne, 69.
East Grinstead, 73.
Easthampstead, 121.
East Preston (Worthing), 81.
East Retford, 428.
Eastry, 62.
East Stonehouse, 278.
East Ward, 574.
Ecclesall Bierlow, 507.
Edmonton, 128.
Elham, 64.
Ellesmere, 354.
Ely, 181.
Epping, 186.
Epsom, 29.
Erpingham, 222.
Eton, 140.
Evesham, 382.
Exeter, 272.

F

Falmouth, 298.
Fareham, 89.
Faringdon, 113.
Farnham, 32.
Faversham, 58.
Festiniog, 622.
Flegg, 220.
Foleshill, 392.
Forden (Montgomery), 612.
Fordingbridge, 94.
Forehoe, 226.
Freebridge Lynn, 236.
Frome, 312.
Fulham, 1a.
Fylde, 477.

G

Gainsborough, 427.
Garstang, 478.
Gateshead, 552.
Glanford Brigg, 426.
Glendale, 563.
Gloucester, 327.
Godstone, 36.
Goole, 512.
Gower, 589.
Grantham, 420.
Gravesend, 42.
Great Ouseburn, 487.
Greenwich, 26.
Guildford, 31.
Guilford, 231.
Guisbrough, 532.

H

Hackney, 9.
Hailsham, 70.
Halifax, 495.
Halstead, 198.
Haltwhistle, 557.
Hambleton, 33.
Hampstead, 6.
Hardingstone, 158.
Hartismere, 209.
Hartlepool, 542.
Hartley Wintney, 106.
Haslingden, 471.
Hastings, 67.
Hatfield, 134.
Havant, 86.
Haverfordwest, 596.
Hay, 606.
Hayfield, 444.
Headington, 148.
Helmsley, 529.
Helston, 299.
Hemel Hempstead, 137.
Hemsworth, 504.
Hendon, 126.
Henley, 146.
Henstead, 227.
Hereford, 339.
Hertford, 133.

Hexham, 556.
Highworth, 241.
Hinckley, 405.
Hitchin, 132.
Holbeach, 417.
Holbeck, 498.
Holborn, 12.
Hollingbourn, 50.
Holsworthy, 288.
Holywell, 614.
Honiton, 270.
Hoo, 44.
Horncastle, 422.
Horsham, 78.
Houghton-le-Spring, 548.
Howden, 517.
Hoxne, 210.
Huddersfield, 494.
Hull, 520.
Hungerford, 112.
Hunslet, 497.
Huntingdon, 167.

I

Ipswich, 213.
Isle of Wight, 90.
Islington, 8.

K

Keighley, 491.
Kendal, 576.
Kensington, 1.
Kettering, 163.
Keynsham, 318.
Kidderminster, 377.
Kingsbridge, 275.
Kingsclere, 110.
Kings Lynn, 237.
Kings Norton, 386.
Kingston, 38.
Kington, 343.
Knaresborough, 488.
Knighton, 608.

L

Lambeth, 23.
Lampeter, 599.
Lancaster, 479.
Lanchester, 546.
Langport, 308.
Launceston, 291.
Ledbury, 337.
Leeds, 500.
Leek, 365.
Leicester, 410.
Leigh, 461.
Leighton Buzzard, 174.
Leominster, 342.
Lewes, 75.
Lewisham, 27.
Lexden, 196.
Leyburn, 536.

Newport (Monmouth), 582.
Newport (Salop), 359.
Newport Pagnell, 144.
Newton Abbot, 273.
Newtown, 611.
Northallerton, 534.
Northampton, 159.
North Aylesford, 43.
Northleach, 332.
Northwich, 449.
North Witchford, 182.
Norwich, 225.
Nottingham, 433.
Nuneaton, 391.

O

Oakham, 412.
Okehampton, 281.
Oldham, 469.
Ongar, 187.
Ormskirk, 458.
Orsett, 189.
Oswestry, 353.
Oundle, 165.
Oxford, 149.

P

Pancras, 7.
Pateley Bridge, 485.
Pattingham, 521.
Pembroke, 595.
Penrith, 566.
Penzance, 301.
Pershore, 383.
Peterborough, 166.
Petersfield, 103.
Petworth, 79.
Pewsey, 252.
Pickering, 530.
Plomesgate, 215.
Plymouth, 277.
Plympton St. Mary, 276.
Pocklington, 516.
Pontardawe, 587a.
Pontefract, 503.
Pontypool, 581.
Pontypridd, 584.
Poole, 262.
Poplar, 20.
Portsea Island, 87.
Potterspurty, 157.
Prescot, 457.
Presteigne, 607.
Preston, 476.
Prestwich, 467a.
Pwllheli, 623.

R

Radford, 432.
Reading, 118.
Redruth, 300.

Reeth, 538.
Reigate, 35.
Rhayader, 609.
Richmond (Surrey), 39.
Richmond (Yorkshire), 539.
Ringwood, 93.
Ripon, 486.
Risbridge, 202.
Rochdale, 470.
Rochford, 192.
Romford, 188.
Romney Marsh, 65.
Romsey, 98.
Ross, 338.
Rothbury, 564.
Rotherham, 509.
Royston, 131.
Rugby, 394.
Runcorn, 448.
Ruthin, 616.
Rye, 66.

S

Saddleworth, 493.
Saffron Walden, 201.
St. Albans, 135.
St. Asaph, 617.
St. Austell, 296.
St. Columb, 295.
St. Faiths, 224.
St. George Hanover Sq., 3.
St. George in-the-East, 17.
St. Germans, 292.
St. Giles, 10.
St. Ives, 168.
St. Neots, 169.
St. Olave Southwark, 22.
St. Saviour Southwark, 21.
St. Thomas, 271.
Salford, 466.
Samford, 212.
Scarborough, 525.
Scilly Islands, 302.
Sculcoates, 519.
Sedburgh, 482.
Selby, 513.
Settle, 483.
Sevenoaks, 47.
Shaftesbury, 258.
Shardlow, 437.
Sheffield, 508.
Sheppey, 60.
Shepton Mallet, 313.
Sherborne, 266.
Shiffnal, 349.
Shipston-on-Stour, 399.
Shoreditch, 14.
Skipton, 484.
Skirlaugh, 522.
Sleaford, 419.
Smallburgh, 221.
Solihull, 395.
Southam, 400.
Southampton, 96.
South Molton, 284.

Lichfield, 370.
Lincoln, 421.
Linton, 179.
Liskeard, 293.
Liverpool, 455.
Llandilofawr, 592.
Llandoverly, 591.
Llanelly, 590.
Llanfyllin, 613.
Llanrwst, 618.
Loddon, 229.
London City, 13.
Longtown, 568.
Loughborough, 408.
Louth, 424.
Ludlow, 344.
Lunesdale, 480.
Luton, 175.
Lutterworth, 401.
Lymington, 91.

M

Macclesfield, 446.
Machynlleth, 610.
Madeley, 350.
Maidstone, 49.
Maldon, 193.
Malling, 46.
Malmesbury, 243.
Malton, 526.
Manchester, 467.
Mansfield, 430.
Market Bosworth, 406.
Market Drayton, 357.
Market Harborough, 402.
Marlborough, 246.
Martley, 379.
Marylebone, 5.
Medway, 45.
Melksham, 248.
Melton Mowbray, 411.
Mere, 257.
Meriden, 389.
Merthyr Tydfil, 585.
Midhurst, 84.
Middlesbrough, 532a.
Mildenhall, 207.
Mile End Old Town, 19.
Milton, 59.
Mitford, 233.
Monmouth, 578.
Morpeth, 559.
Mutford, 218.

N

Nantwich, 451.
Narberth, 594.
Neath, 587.
Newark, 435.
Newbury, 111.
Newcastle-in-Emlyn, 598.
Newcastle-under-Lyme, 362.
Newcastle-upon-Tyne, 553.
Newent, 326.
New Forest, 95.
Newmarket, 180.

South Shields, 551.
South Stoneham, 97.
Southwell, 434.
Spalding, 416.
Spilsby, 423.
Stafford, 360.
Staines, 123.
Stamford, 414.
Stepney, 18.
Steyning, 77.
Stockbridge, 99.
Stockport, 445.
Stockton, 541.
Stoke Damerel, 279.
Stokesley, 533.
Stoke-upon-Trent, 364.
Stone, 361.
Stourbridge, 376.
Stow, 208.
Stow-on-the-Wold, 333.
Strand, 11.
Stratford-on-Avon, 397.
Stratton, 289.
Stroud, 329.
Sturminster, 259.
Sudbury, 203.
Sunderland, 550.
Swaffham, 239.
Swansea, 588.

Thrapston, 164.
Ticehurst, 71.
Tisbury, 256.
Tiverton, 283.
Todmorden, 492.
Torrington, 286.
Totnes, 274.
Towcester, 156.
Tregaron, 602.
Truro, 297.
Tunbridge, 48.
Tynemouth, 554.

U

Uckfield, 72.
Ulverston, 481.
Uppingham, 413.
Upton-on-Severn, 381.
Uttoxeter, 367.
Uxbridge, 124.

W

Wakefield, 502.
Wallingford, 116.
Walsall, 373.
Walsingham, 234.
Wandsworth, 24.
Wangford, 217.
Ware, 129.
Wareham, 263.
Warminster, 251.
Warrington, 460.
Warwick, 396.
Watford, 136.
Wayland, 232.
Weardale, 545.
Wellingborough, 162.
Wellington (Salop), 358.
Wellington (Somerset), 305.
Wells, 314.
Wem, 355.
Weobly, 340.
West Ashford, 53.
Westbourne, 85.
West Bromwich, 374.

Westbury, 250.
Westbury-on-Severn, 325.
West Derby, 456.
West Ham, 185.
Westhampnett, 82.
Westminster, 4.
West Ward, 575.
Wetherby, 489.
Weymouth, 264.
Wharfedale, 490.
Wheatenurst, 328.
Whitby, 531.
Whitchurch (Hants), 108.
Whitchurch (Salop), 356.
Whitechapel, 16.
Whitehaven, 572.
Whittlesey, 183.

Wigan, 459.
Wigton, 570.
Williton, 303.
Wilton, 255.
Wimborne, 261.
Wincanton, 311.
Winchcomb, 334.
Winchester, 100.
Windsor, 122.
Winslow, 143.
Wirral, 453.
Wisbech, 184.
Witham, 197.
Witney, 152.
Woburn, 173.
Wokingham, 119.
Wolstanton, 363.
Wolverhampton, 372.
Woodbridge, 214.
Woodstock, 151.
Woolwich, 28.
Worcester, 380.
Workshop, 429.
Wortley, 506.
Wrexham, 615.
Wycombe, 141.

Y

Yarmouth, 219
Yeovil, 310.
York, 515.

T
Tadcaster, 514.
Tamworth, 369.
Taunton, 306.
Tavistock, 280.
Teesdale, 544.
Tenbury, 378.
Tendring, 194.
Tenterden, 52.
Tetbury, 330.
Tewkesbury, 336.
Thakeham, 80.
Thame, 147.
Thanet, 61.
Thetford, 240.
Thingoe, 205.
Thirsk, 528.
Thornbury, 323.
Thorne, 511.

INDEX OF SUB-DISTRICTS.

[This alphabetical arrangement places the Registration Sub-Districts (or Registrars' Districts) having compound names in the order indicated by the usual pronunciation of those names; thus, East Grinstead will be found under the letter E, and not under G; St. James under the letter S, and not as "James, St." The number against each Sub-District, in the third column, refers to its numerical place in the Tables of Abstracts; thus, Abbey Holme (570; 2) is the 2d Sub-District of the Wigton District, No. 570.]

SUB-DISTRICT.	DISTRICT.	No.	SUB-DISTRICT.	DISTRICT.	No.	SUB-DISTRICT.	DISTRICT.	No.
A								
Abbey	Bath	317; 3	Ardleigh	Tendring	194; 5	Barton	Glanford Brigg	426; 3
Abbey Holme	Wigton	570; 2	Ardsley	Wakefield	502; 7	Baschurch	Ellesmere	354; 4
Abbots Bromley	Uttoxeter	367; 2	Arkwold	Chorlton	465; 2	Basford	Basford	431; 3
Abbotsbury	Weymouth	264; 4	Arklholme	Lunesdale	480; 4	Basingstoke	Basingstoke	107; 1
Abbots Langley	Watford	136; 4	Arncliffe	Settle	483; 5	Bassingham	Newark	435; 2
Abberdare	Merthyr Tydfil	585; 4	Arnold	Basford	431; 5	Batheaston	Bath	317; 7
Aberdaron	Pwllheli	623; 3	Arundel	East Preston	81; 3	Bathwick	Bath	317; 2
Aberford	Tadcaster	514; 1		(Worthing).		Batley	Dewsbury	501; 2
Abergavenny	Abergavenny	579; 3	Ashborne	Ashborne	440; 3	Battersea	Wandsworth	24; 2
Abergele	St. Asaph	617; 2	Ashburton	Newton Abbot	273; 4	Battle	Battle	68; 3
Abergwessin	Builth	603; 1	Ashby-de-la-Zouch	Ashby-de-la-Zouch	407; 3	Battlefield	Atcham	351; 6
Aberystwith	Bedwelty	580; 1	Ashford	West Ashford	53; 2	Bawdeswell	Mitford	233; 3
Aberystwith	Aberystwith	601; 2	Ashley	Clifton	321; 2	Bawtry	Doncaster	510; 5
Abingdon	Abingdon	114; 2	Ashover	Chesterfield	441; 1	Beaconsfield	Amersham	139; 5
Abthorpe	Towcester	156; 1	Ashton-in-Makerfield	Wigan	459; 7	Beaminster	Beaminster	267; 4
Accrington	Haslingden	471; 5	Ashton Town	Ashton-under-Lyne	468; 2	Beaumaris	Bangor	625; 1
Acton	Brentford	125; 5	Askrigg	Aysgarth	537; 1	Beccles	Wangford	217; 2
Addingham	Skipton	484; 6	Aslackby	Bourn	415; 2	Beckley	Rye	66; 2
Alberbury	Atcham	351; 4	Aspull	Wigan	459; 2	Bedale	Bedale	535; 1
Albrighton	Shiffnal	349; 1	Aston Clinton	Aylesbury	142; 3	Bedford and Cardington	Bedford	170; 5
Albury	Guildford	81; 3	Aswarby	Sleaford	419; 5	Bedford and Kempston	Morpeth	559; 2
Alcester	Alcester	393; 2	Atcham	Atcham	359; 7	Bedlington	Bedminster	319; 1
Aldbrough	Richmond (Yrks.)	539; 4	Atherstone	Atherstone	390; 1	Bedminster	Narberth	594; 6
Aldbrough	Skirlaugh	522; 3	Atherston	Leigh	461; 4	Begelly	Rotherham	509; 1
Aldeburgh	Plomesgate	215; 4	Attercliffe	Sheffield	508; 6	Beighton	Bromsgrove	385; 2
Aldeby	Loddon	229; 1	Attleborough	Wayland	232; 1	Belford	Belford	561; 1
Alderbury	Alderbury	254; 1	Audenshaw	Ashton-under-Lyne	468; 3	Belgrave	St. George Hanover-sq.	3; 3
Alderley	Macclesfield	446; 8	Audley	Newcastle-under-Lyme	362; 3	Bellingham	Bellingham	558; 1
Aldgate	Whitechapel	16; 6	Aughton	Ormskirk	458; 2	Belper	Belper	439; 3
Aldington	East Ashford	54; 1	Axbridge	Axbridge	315; 4	Bennington	Boston	418; 2
Aldridge	Walsall	373; 4	Axminster	Axminster	269; 2	Bennington	Newark	435; 4
Alford	Spilsby	423; 5	Aycliffe	Darlington	540; 2	Bentham	Settle	483; 1
Alfreton	Belper	439; 5	Aylesbury	Aylesbury	142; 2	Bere Regis	Wareham	263; 4
Allendale	Hexham	556; 3	Aylesford	Malling	46; 1	Berkeley	Thornbury	323; 3
Allerton	Pickering	530; 4				Berkhamstead	Berkhamstead	188; 1
Allhallows, Barking.	London City	13; 8				Berwick Street	Westminster	4; 2
All Saints	Birmingham	387; 6				Berwick-upon-Tweed.	Berwick	562; 2
All Saints	Hastings	67; 2	B			Bettwsycoed	Llanrwst	618; 2
All Saints	Maldon	193; 3	Bacton	Smallburgh	221; 4	Beverley	Beverley	518; 2
All Saints	Newcastle-on-Tyne	553; 4	Bainton	Driffild	523; 3	Bewdley	Kidderminster	377; 5
All Saints	Northampton	159; 2	Bakewell	Bakewell	442; 1	Bexhill	Battle	68; 1
All Souls	Marylebone	5; 1	Bala	Bala	620; 1	Bexley	Dartford	41; 1
Almondbury	Huddersfield	494; 7	Baldock	Hitchin	132; 1	Bibury	Northleach	332; 1
Almondsbury	Thornbury	323; 1	Balsham	Linton	179; 3	Bicester	Bicester	150; 2
Alnwick	Alnwick	560; 2	Bampton	Tiverton	283; 6	Bickerstaffe	Ormskirk	458; 1
Alphington	St. Thomas	271; 8	Bamptton	Witney	152; 2	Bideford	Bideford	287; 1
Alresford	Alresford	104; 2	Banbury	Banbury	154; 4	Bidford	Alcester	398; 4
Alston	Alston	565; 1	Banbury	Banbury	625; 2	Biggleswade	Biggleswade	171; 2
Alston	Preston	476; 4	Banham	Guilford	231; 1	Billesdon	Billesdon	403; 1
Altarnon	Launceston	291; 1	Banwell	Axbridge	315; 3	Billingham	Sleaford	419; 1
Alton	Alton	105; 1	Barford	Bedford	170; 7	Billington	Blackburn	474; 1
Alton	Cheadle	366; 1	Barham	Bridge	55; 2	Bilston	Wolverhampton	372; 7
Altrincham	Altrincham	447; 2	Barking Town	Romford	188; 3	Binbrook	Louth	424; 3
Alverstokey	Alverstokey	88; 1	Barnbrough	Doncaster	510; 2	Bingham	Bingham	436; 1
Alverthorpe	Wakefield	502; 6	Barnmouth	Dolgelly	621; 2	Bingley	Keighley	491; 1
Ambleside	Kendal	576; 1	Barnack	Stamford	414; 2	Binstead	Alton	105; 2
Amersham	Amersham	139; 3	Barnard Castle	Teesdale	544; 2	Birkenhead	Birkenhead	454; 1
Amesbury	Amesbury	253; 2	Barnet	Barnet	127; 2	Birtle	Bury	463; 4
Amlwch	Anglesey	627; 4	Barnoldswick	Skipton	484; 3	Bishop Auckland	Auckland	543; 1
Ampthill	Ampthill	172; 2	Barnsley	Barnsley	505; 2	Bishops Castle	Clun	345; 2
Amroth	Narberth	594; 3	Barnstaple	Barnstaple	285; 1	Bishops Frome	Bromyard	341; 2
Amwell	Holborn	12; 5	Barrow	Barrow-upon-Soar	409; 1	Bishops Lydeard	Taunton	306; 5
Ancoats	Manchester	467; 1	Barrow-in-Furness	Barrow-in-Furness	481a; 1	Bishopstow	Barnstaple	285; 6
Andover	Andover	109; 3	Barton	Barton-upon-Irwell	464; 2	Bishopstone	Wilton	255; 2
Anston	Workshop	429; 3				Bishopstow	Bishopstow	130; 3
Antony	St. Germans	292; 1				Bishopstow	Bishopstow	101; 1
Appleby	East Ward	574; 1				Bishopstow	Bishopstow	101; 1
Appleton Roebuck	Tadcaster	514; 3				Bisley	Stroud	329; 3
Appleton-upon-Wisk.	Northallerton	534; 1				Bitton	Keynsham	318; 1

Table with 3 columns: SUB-DISTRICT, DISTRICT, No. for the left half of the index, and 3 columns: SUB-DISTRICT, DISTRICT, No. for the right half of the index. Lists various locations and their corresponding district numbers.

Table with 3 columns: SUB-DISTRICT, DISTRICT, No. for the left half of the index, and 3 columns: SUB-DISTRICT, DISTRICT, No. for the right half of the index. Lists various locations and their corresponding district numbers, including a section for 'E' districts.

Table with 6 columns: SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No. Includes sections for F, G, and H.

Table with 6 columns: SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No. Includes sections for I, J, K, and L.

Table with 9 columns: SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No. Includes entries for Malton, Monmouth, Moulton, etc.

N

M

Table with 9 columns: SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No. Includes entries for North Meols, Northowram, North Petherwin, etc.

O

Q

R

S

Table with 9 columns: SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No. Lists various sub-districts and their corresponding districts and population numbers.

Table with 9 columns: SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No., SUB-DISTRICT, DISTRICT, No. Lists various sub-districts and their corresponding districts and population numbers, including a section for 'T' and 'U'.

SUB-DISTRICT.	DISTRICT.	No.	SUB-DISTRICT.	DISTRICT.	No.	SUB-DISTRICT.	DISTRICT.	No.
West Sheffield .	Sheffield . .	508 ; 1	Wimbledon . .	Kingston . .	38 ; 1	Wootton Bassett	Cricklade . .	242 ; 1
West Sunderland .	Sunderland . .	550 ; 4	Wimborne . .	Wimborne . .	261 ; 3	Wootton Wawen	Stratford-on-Avon	397 ; 5
West Worcester	Worcester . .	380 ; 1	Winchester . .	Winchester . .	100 ; 3	Worfield . . .	Bridgnorth . .	348 ; 3
West Wycombe	Wycombe . .	141 ; 3	Windsor . . .	Windsor . . .	122 ; 2	Workington . .	Cockermouth . .	571 ; 3
West Wymer . .	Norwich . . .	225 ; 5	Wing	Leighton Buzzard	174 ; 2	Worksop . . .	Worksop . . .	429 ; 1
Wetheral	Carlisle . . .	569 ; 1	Wingham . . .	Eastry	62 ; 2	Worlington . .	Mildenhall . .	207 ; 1
Wetherby	Wetherby . . .	489 ; 1	Winkleigh . .	Torrington . .	286 ; 2	Worsbrough . .	Barnsley . . .	505 ; 4
Weymouth . . .	Weymouth . .	264 ; 2	Winlaton . . .	Gateshead . .	552 ; 4	Worsley	Barton-upon-Irwell	464 ; 1
Whalley	Clitheroe . . .	473 ; 5	Winslow . . .	Winslow . . .	143 ; 1	Worth	East Grinstead	73 ; 3
Wheatley	Headington . .	148 ; 1	Winterbourne	Amesbury . .	253 ; 3	Worthing . . .	East Preston	81 ; 1
Whickham . . .	Gateshead . .	552 ; 3	Winterton . .	Glanford Brigg	426 ; 2		(Worthing).	
Whitby	Whitby	531 ; 2	Winwick . . .	Warrington . .	460 ; 2	Worthys	Winchester . .	100 ; 2
Whitchurch . .	Cardiff	583 ; 1	Wirksworth . .	Belper	439 ; 6	Wortley	Bramley	499 ; 3
Whitchurch . .	Whitchurch	108 ; 1	Wisbech . . .	Wisbech . . .	184 ; 2	Wortley	Wortley	506 ; 4
	(Hants).		Witchampton	Wimborne . .	261 ; 2	Wotton-under-Edge	Dursley	324 ; 1
Whitchurch . .	Whitchurch	356 ; 1	Witham	Witham	197 ; 2			
	(Salop).		Witheridge . .	South Molton .	284 ; 1	Wragby	Horncastle . .	422 ; 1
Whitchurch	Bridport . . .	268 ; 3	Withern . . .	Louth	424 ; 1	Wray	Lunesdale . .	480 ; 2
Canonicorum .			Withyham . . .	East Grinstead	73 ; 1	Wrenbury . . .	Nantwich . . .	451 ; 4
Whitechapel	Whitechapel .	16 ; 4	Witley	Hambledon . .	33 ; 1	Wrexham	Wrexham . . .	615 ; 3
Church			Witley	Martley	379 ; 2	Writtle	Chelmsford . .	191 ; 3
Whitechapel North	Whitechapel .	16 ; 3	Witney	Witney	152 ; 3	Wrotham	Malling	46 ; 3
Whitecross Street	Holborn . . .	12 ; 10	Witton	Blackburn . .	474 ; 7	Wuerdle	Rochdale . . .	470 ; 8
Whitehaven . .	Whitehaven . .	572 ; 2	Wiveliscombe	Wellington . .	305 ; 1	Wybunbury . .	Nantwich . . .	451 ; 1
Whitford	Holywell . . .	614 ; 1		(Somerset).		Wye	East Ashford .	54 ; 3
Whitkirk	Hunslet	497 ; 2	Wivenhoe . . .	Lexden	196 ; 1	Wyke	Westhampnett	82 ; 2
Whitley	Pontefract . .	503 ; 2	Woburn	Woburn	173 ; 1	Wymondham . .	Forehoe	226 ; 2
Whitmore . . .	Newcastle-	362 ; 1	Woking	Guildford . . .	31 ; 1			
	under-Lyme .		Wokingham . .	Wokingham . .	119 ; 1			
Whitstable . . .	Blean	57 ; 3	Wolsingham . .	Weardale . . .	545 ; 3			
Whittlesey . . .	Whittlesey . .	183 ; 1	Wolstanton . .	Wolstanton . .	363 ; 1			
Whitwick	Ashby-de-la-	407 ; 4	Wolverhampton	Wolverhampton	372 ; 5			
	Zouch		Wolverhampton	Wolverhampton	372 ; 4			
Whitworth . . .	Rochdale . . .	470 ; 10	Wolverhampton	Wolverhampton	372 ; 4			
Whixley	Great Ouseburn	487 ; 2	Wolverley . . .	Kidderminster	377 ; 2	Yalding	Maidstone . .	49 ; 1
Wickford	Billericay . . .	190 ; 3	Wombourne . .	Wolverhampton	372 ; 3	Yapton	Westhampnett	82 ; 4
Wickhambrook	Risbridge . . .	202 ; 2	Wombourne . .	Wolverhampton	372 ; 3	Yarkhill	Ledbury	337 ; 2
Wigan	Wigan	459 ; 3	Wombourne . .	Wellington . .	358 ; 3	Yarmouth . . .	Yarmouth . . .	219 ; 2
Wiggenhall . . .	Downham . . .	238 ; 1		(Salop).		Yarmouth	Yarmouth . . .	219 ; 1
Wigston	Blaby	404 ; 1	Woodbridge and	Woodbridge . .	214 ; 3	Yarmouth	Yarmouth . . .	219 ; 1
Wigton	Wigton	570 ; 1	Wilford			Yarmouth	Yarmouth . . .	219 ; 1
Wilford	Basford	431 ; 7	Woodbridge Out	Woodbridge . .	214 ; 4	Yatton	Bedminster . .	319 ; 3
Willenhall . . .	Wolverhampton	372 ; 6	Woodbury . . .	St. Thomas . .	271 ; 3	Yeadon	Wharfedale . .	490 ; 4
Willesden . . .	Hendon	126 ; 3	Woodchurch . .	Wirral	453 ; 3	Yealmpton . . .	Plympton St. Mary	276 ; 1
Willingham . . .	Chesterton . .	177 ; 1	Woodstock . . .	Woodstock . .	151 ; 2	Yeovil	Yeovil	310 ; 4
Willingham . . .	Gainsborough .	427 ; 5	Woodton	Loddon	229 ; 3	Yetminster . . .	Sherborne . . .	266 ; 1
Williton	Williton	303 ; 3	Wooler	Glendale . . .	563 ; 2	Yoxall	Lichfield . . .	370 ; 2
Wilmslow	Altrincham . .	447 ; 1	Woolwich Arsenal	Woolwich . . .	28 ; 3	Ysppyty	Llanrwst . . .	613 ; 3
Wilsden	Bradford(Yrks.)	496 ; 9	Woolwich Dock-	Woolwich . . .	28 ; 2	Ystradveltey . .	Neath	587 ; 3
Wilton	Wilton	255 ; 1	yard			Ystradyfodwg .	Pontypridd . .	584 ; 3

Y

INDEX OF CERTAIN TOWNS.

TOWNS of which the NAMES differ from those of the DISTRICT and SUB-DISTRICT in which they are respectively situated.

NAME OF TOWN.	SUPERINTENDENT REGISTRAR'S DISTRICT.	SUB-DISTRICT.	Number of District and Sub-district.
Aberavon	Neath	Margam	587 ; 1
Abersychan . . .	Pontypool . . .	Pontypool . . .	581 ; 1
Aldershot	Farnham	Frimley	32 ; 1
Bacup	Haslingden . . .	Newchurch . . .	471 ; 1
	Rochdale	Whitworth . . .	470 ; 10
Balsall	Kings Norton . .	Kings Norton . .	386 ; 1
Bedworth	Foleshill	Foleshill	392 ; 1
Blackpool	Fylde	Poulton-le-Fylde	477 ; 3
Bognor	Westhampnett . .	South Bersted . .	82 ; 3
Bootle cum Linacre	West Derby . . .	Walton	456 ; 4
Brandon	Thetford	Methwold	240 ; 1
Brierley Hill . .	Stourbridge . . .	Kingswinford . .	376 ; 3
Chatham	Medway	Rochester and Gillingham	45 ; 1, 2
Church (Lanc.) . .	Blackburn	Oswaldtwisle . . .	474 ; 5
Claycross	Chesterfield . . .	Ashover	441 ; 1
Crewe	Nantwich	Wybunbury	451 ; 1
Dawlish	Newton Abbot . .	Teignmouth . . .	273 ; 1
Dereham	Mitford	East Dereham . . .	233 ; 4
Devonport	East Stonehouse .	Comprises the whole of the	278 ; 1
	Stoke Damerel . .	Sub-districts . . .	279 ; 1-4
Droylesden	Ashton-under-Lyne .	Audenshaw	468 ; 3
Fleetwood	Fylde	Poulton-le-Fylde . .	477 ; 3
Godmanchester . .	Huntingdon	Huntingdon	167 ; 4
Gorton	Chorlton	Ardwick	465 ; 2
Gosport	Alverstoke	Alverstoke	88 ; 1
Great Malvern . .	Upton-on-Severn .	Hanley Castle . . .	381 ; 1
Guiseley	Wharfedale . . .	Yeadon	490 ; 4
Heckmondwike . .	Dewsbury	Liversedge	501 ; 4
Hounslow	Brentford	Isleworth	125 ; 1
Ince in Makerfield	Wigan	Hindley	459 ; 4
Ironbridge	Madeley	Madeley	350 ; 2
Jarrow	South Shields . .	South Shields . . .	551 ; 2
Llandudno	Conway	Creuddyn	626 ; 2
Llanidloes	Newtown	Llanidloes, Upper and Lower	611 ; 1, 2
Maidenhead . . .	Cookham	Bray and Cookham . .	120 ; 1, 2
Melcombe Regis . .	Weymouth	Upway and Weymouth	264 ; 1, 2
Mossley	Ashton-under-Lyne	{ Hartshead }	468 ; 7, 9
		{ Stayley }	
	Saddleworth . . .	{ Delph }	493 ; 1, 2
		{ Upper Mill }	

NAME OF TOWN.	SUPERINTENDENT REGISTRAR'S DISTRICT.	SUB-DISTRICT.	Number of District and Sub-district.
New Brighton . . .	Birkenhead . . .	Wallasey . . .	454 ; 3
Openshaw . . .	Chorlton . . .	Ardwick . . .	465 ; 2
Redditch . . .	Bromsgrove . . .	Tardebigg . . .	385 ; 3
	Alcester . . .	Studley . . .	398 ; 1
Seaham Harbour . . .	Easington . . .	Easington . . .	547 ; 1
Sheerness . . .	Sheppey . . .	Minster . . .	60 ; 1
Shrewsbury . . .	Atcham . . .	St. Mary and St. Chad . . .	351 ; 8, 9
Sidmouth . . .	Honiton . . .	Ottery St. Mary . . .	270 ; 2
Slough . . .	Eton . . .	Eton and Burnham . . .	140 ; 2, 3
Smethwick . . .	Kings Norton . . .	Harborne . . .	386 ; 3
Southport . . .	Ormskirk . . .	North Meols . . .	458 ; 5
Southwold . . .	Blything . . .	Wenhaston . . .	216 ; 3
Stalybridge . . .	Ashton-under-Lyne . . .	Dukinfield and Hartshead . . .	468 ; 6, 7
Staveley . . .	Chesterfield . . .	Eckington . . .	441 ; 4
Swinton and Pendlebury . . .	Barton-upon-Irwell . . .	Worsley . . .	464 ; 1
	Salford . . .	Pendleton . . .	466 ; 1
Tyldesley . . .	Leigh . . .	Atherton . . .	461 ; 4
Ventnor . . .	Isle of Wight . . .	Godshill . . .	90 ; 4
Welshpool . . .	Forde (Montgomery) . . .	Montgomery and Pool . . .	612 ; 1, 3
	Llanfyllin . . .	Llansaintffraid . . .	613 ; 2
Weston-super-Mare . . .	Axbridge . . .	Banwell . . .	315 ; 3
Widnes . . .	Prescot . . .	Farnworth . . .	457 ; 4

ALPHABETICAL INDEX

TO

REGISTRAR-GENERAL'S FORTIETH ANNUAL
REPORT AND APPENDIX.

NOTE.—Rep. refers to the Report ; Prel. to the Preliminary Tables ; and App. to the Appendix.

	PAGES
AGES of Persons	xv-xvii
at Marriage ; improvement in the Returns, 1858-1877. (Table 9.—Rep.)	xvi
at Marriage ; imperfect Returns of 1876 and 1877. (Table 10.—Rep.)	xvi
Mean Age at Marriage	xvii
Proportions per cent. of Minors married, 1841-77. (Table 11.—Rep.)	xvii
Mortality of Males and Females at different Ages in England in the Year 1877, and the average in 25 Years, 1848-72. (Table 18.—Rep.)	xxv
Deaths of Males and Females registered at different Ages in England in each of the Years 1838-77. (Tables 23, 24.—Prel.)	lxviii-lxix
Mortality of Males and Females at 12 groups of Ages in England, 1838-77. (Tables 25-28.—Prel.)	lxx-lxxxiii
Mortality of Persons, Males and Females, at 12 groups of Ages in Divisions and Counties. (Tables 30, 31.—Prel.)	lxxv-lxxvi
of 304,790 Persons married, distinguishing Bachelors, Spinsters, Widowers, Widows	26-28
at Death of Males and Females registered in Divisions, Counties, and Districts	121-143
at Death of Males and Females in England registered from different Causes	145-155
at Death of Males and Females in London registered from different Causes	156-161
(See also MARRIAGES, BIRTHS, and DEATHS.)	
ALCOHOLISM, increasing Mortality from	226
ANIMALS ; Numbers and Value, Imported 1875-6-7. (Table 6.—Rep.)	xi
APPENDIX	225-246
APPENDIX TABLES	247-283
AREA in Statute Acres of each Division, County, District, and Sub-district	30-84
in Acres and Hectares of the United Kingdom. (Table 52.—Prel.)	xcv
of the Islands in the British Seas. (Table 54.—Prel.)	xcvi
ARMY ; Strength and Mortality of the Army at Home and Abroad. (Tables 58-65, pp. c-cii, Prel.) (Table 26.—Rep.)	xxxiv
Average Strength of the British Army at Home. (Table 58, page c.—Prel.)	xxxiv
Average Strength and Proportion per cent. of the British Army at Home and Abroad in each of the Years 1861-77. (Table 59.—Prel.)	c

	PAGES
<i>ARMY—continued.</i>	
Mortality of the Army at Home. (Table 60.—Prel.)	c
Average Strength of the British Army Abroad in each of the Years 1874-77. (Table 61.—Prel.)	ci
Number of Deaths in the British Army at Home and Abroad, 1874-77. (Table 62.—Prel.)	ci
Annual Rate of Mortality per 1000 amongst Officers and Men in the Army at Home and Abroad, 1858-77. (Table 63.—Prel.)	ci
Strength at Home and Abroad in 1861 and 1871, showing the Numbers and Proportion per cent. born in the different parts of the United Kingdom and elsewhere. (Table 64.—Prel.)	cii
Deaths in Army Abroad of Officers and Men belonging to Great Britain and to England and Wales, 1858-77. (Table 65.—Prel.)	cii
<i>ATMOSPHERIC PRESSURE</i> xli	
<i>AUSTRIA; Fecundity of Marriages in.</i> (Table xxix.—Rep.) xxxvii	
Average Annual Proportion to Population of Persons married, Births, and Deaths, 1853-77. (Table 72.—Prel.)	cix
Estimated Population; Number, and Proportion to Population, of Persons married, Births, and Deaths, in each of the Years 1853-77. (Table 76.—Prel.)	exi
Violent Deaths, Suicide, Homicide, and Accident; and Proportion of each to a Million Persons living. (Table.)	230
<i>BAVARIA; Violent Deaths, Suicides, Homicides, and Accidents, &c., and Proportion of each to a Million Persons living.</i> (Table.) 230	
<i>BELGIUM; Fecundity of Marriages in.</i> (Table xxix.—Rep.) xxxvii	
Average Annual Proportion to Population of Persons Married, Births, and Deaths, 1853-77. (Table 72.—Prel.)	cix
Estimated Population; Number and Proportion to Population, of Persons married, Births, and Deaths, 1853-77. (Table 80.—Prel.)	cxiii
Violent Deaths, Suicides, Homicides, and Accident; and Proportion of each to a Million Persons living. (Table .)	230
<i>BIRTHS</i> v, xx	
Illegitimate; decline in the proportion of	v, xxi
proportional Number of Illegitimate to 100 Births in Counties, 1855-64, 1865-74, and in 1875-77; and Proportion of Spinsters aged 20-40 to every 100 women living at the same age in 1871. (Table 16.—Rep.)	xxii
registered in England, and excess over Deaths, in each Year, 1838-77. (Table 1.—Prel.)	xlvi
Number of Persons living to one Birth. (Table 2.—Prel.)	xlvii
in England 1838-77; and Legitimate and Illegitimate in 1842 and in the Years 1845-77, and Proportion of Males to Females. (Table 13.—Prel.)	lviii
proportion of Illegitimate Children to every 100 Births in the several Counties of England in each of the Years 1867-77. (Table 14.—Prel.)	lix
registered in England in each Quarter of the Years 1838-77. (Table 15.—Prel.)	lx
proportional Number of Births in each Quarter to 1,000 Births in the average Quarter of the Years 1838-77. (Table 16.—Prel.)	lxi
in Counties, in 1877. Numbers, Sex, Legitimate and Illegitimate; Proportions of Male to Female Births, Legitimate and Illegitimate. (Table 17.—Prel.)	lxii
proportion of Male and Female Children born in the several Counties of England during each of the Years 1867-77. (Table 18.—Prel.)	lxiii
in Fifty large Town Districts. (Table 39.—Prel.)	lxxxiii

	PAGES
<i>BIRTHS—continued.</i>	
in Twenty-three large Towns of the United Kingdom. (Table 40.—Prel.)	lxxxiv
in London in the Years 1865-77, distinguishing Males and Females. (Table 42.—Prel.)	lxxxv
excess over Deaths in London in each of the Years 1865-77. (Table 42.—Prel.)	lxxxv
in the United Kingdom. (Table 52.—Prel.)	xcv
in the Islands of the British Seas in the Years 1851-77. (Table 54.—Prel.)	xcvi
of British Subjects at Sea, in the Years 1856-77. (Table 66.—Prel.)	ciii
in European States 1850-77. (Tables 73-84.—Prel.)	cx-cxv
registered in each of the Divisions, Counties, Districts, and Sub-districts, distinguishing Males and Females and the Illegitimate excess over Deaths in each of the Divisions, Counties, Districts, and Sub-districts	30-84
registered in the Divisions and Counties (distinguishing Males and Females) in each of the Four Quarters	86-89
of Children out of Wedlock registered in the Divisions and Counties (distinguishing Males and Females) in each of the Four Quarters	90-93
Illegitimate. (<i>See ILLEGITIMATE BIRTHS.</i>)	
<i>BIRTH-RATE in England in 1877</i> v, xx	
Disparity between, in the different Counties	xx
Illegitimate, per 100 births, in Counties, 1855-64, 1865-74, and in 1875-7; and Proportion of Spinsters aged 20-40, to every 100 women living at the same Age in 1871. (Table 16.—Rep.)	xxii
in England in each of the Years 1838-77. (Table 2.—Prel.)	xlvi
in England in each Quarter of the Years 1838-77. (Table 15.—Prel.)	lx
in Counties in each of the Years 1867-77. (Table 19.—Prel.)	lxiv
in Fifty large Town Districts. (Table 39.—Prel.)	lxxxiii
in Twenty-three large Towns of the United Kingdom in 52 Weeks. (Table 40.—Prel.)	lxxxiv
in London in each of the Years 1865-77. (Table 42.—Prel.)	lxxxv
in the United Kingdom. (Table 53.—Prel.)	xcv
in European States, 1850-77. (Tables 73-84.—Prel.)	cx-cxv
<i>BRAIN DISEASES</i> 226	
<i>BURNS AND SCALDS.</i> (<i>See VIOLENT DEATHS.</i>)	
<i>CANCER, increasing fatality of, in quinquennials, 1850-74, and in 1875-6-7</i> 226	
<i>CAUSES of DEATH; of 4181 Seamen in the British Merchant Service.</i> (Table 68.) cv	
of Males and Females in England, classified under 266 heads, at different Periods of Life	146-155
of Males and Females in London at different Periods of Life.	156-161
of Males and Females in England, and in each of the Divisions and Counties	162-185
(from certain zymotic diseases and other Causes) in the Divisions, Counties, and Districts of England	186-197
Accidental, Suicidal and Homicidal	198-221
Dr. Farr's Letter to the Registrar General thereon	225-230
registered in England in each of the Years 1850-77. (Table 1.—App.)	248-253

	PAGES
<i>CAUSES of DEATH—continued.</i>	
rate of Mortality from, to a Million persons living in each of the Years 1862-77. (Table 2.—App.)	254-256
proportional Numbers dying from each Cause. (Table 3.—App.)	257
rate of Mortality from, during 25 Years, five Quinquennials, and in 1875, 1876, and 1877. (Table 4.—App.)	258-261
in England, arranged in the order of their fatality.—(Table 5.—App.)	262
of Persons, Males and Females, classified according to the nomenclature recommended by the Committee appointed by the Royal College of Physicians of London. (Table 29.—App.)	278-283
<i>See also VIOLENT DEATHS, SUICIDE, MURDER, and MANSLAUGHTER.</i>	
CENTENARIANS, Deaths of reputed. (Table 33.—Prel.)	lxxviii
CERTIFIED PLACES OF WORSHIP	xix
CHILDBIRTH; Mortality from	227
Deaths at different Ages, of Women after Childbearing, classed under various Diseases, and neither referred to Childbirth nor to Metria in the Abstracts. (Table 12.—App.)	268
Deaths of Women who were returned as pregnant, classed under certain Diseases. (Table 13.—App.)	269
Deaths from Metria and Childbirth in each of the 31 Years, 1847-77, and proportional Deaths of Mothers to Children born alive. (Table 14.—App.)	269
Deaths of Women in, and Mortality per 1,000 Children in Counties. (Table 15.—App.)	270
CHILDREN; Mortality of, in the large Towns and Counties of England. (Tables 19-21.—Rep.)	xxvii-xxx
Mortality of, under one year of age, from certain Causes, in England, Scotland, and in 15 large English Towns. (Table 29.—App.)	278
<i>(See also INFANT MORTALITY.)</i>	
COALS; Average price of, 1861-77, and in each Quarter of 1870-77. (Table 36.—Prel.)	lxxx
CONSOLS; average price of, 1852-77, and in each Quarter of 1868-77. (Table 36.—Prel.)	lxxx
CONSTITUTIONAL DISEASES	226
DEATHS	xxiii
Sex, and Age at	xxiv-xxv
in the four Seasons	xxv-xxvi
of Children under 5 years of age in 20 large Towns, 1875-7. (Table 20.—Rep.)	xxviii
in Public Institutions. (Tables, pp. 99-120.)	xxx-xxxii
in Hospitals, 1869-77. (Table 23.—Rep.)	xxxi
in the British Army at home and abroad	xxxiii-xxxiv
in the Royal Navy	xxxiv-xxxv
of British Subjects at Sea	xxxv
of Merchant Sailors. (Table 28.—Rep.)	xxxvi
registered in England in each of the Years 1838-77. (Table 1.—Prel.)	xlvi
excess of Births over, in each of the Years 1838-77. (Table 1.—Prel.)	xlvi
number of Persons living to one Death. (Table 2.—Prel.)	xlvii
of Males to 100 Deaths of Females, in each of the Years 1838-77. (Table 20.—Prel.)	lxv

	PAGES
<i>DEATHS—continued.</i>	
registered in England in each Quarter of the Years 1838-77. (Table 21.—Prel.)	lxvi
proportional Number in each Quarter to 1,000 Deaths in the average Quarter, 1838-77. (Table 22.—Prel.)	lxvii
registered in England at different Ages (Males and Females) in each of the Years 1838-77. (Tables 23, 24.—Prel.)	lxviii-lxix
of reputed Centenarians. (Table 33.—Prel.)	lxxviii
in Fifty large Town Districts. (Table 39.—Prel.)	lxxxiii
in Twenty-three large Towns. (Table 40.—Prel.)	lxxxiv
in Public Institutions of London in each of the Years 1865-77. (Table 41.—Prel.)	lxxxiv
in London of Males and Females in each of the Years 1865-77. (Table 42.—Prel.)	lxxxv
in the United Kingdom. (Table 52.—Prel.)	xcv
in the Islands in the British Seas in each of the Years 1851-77. (Table 54.—Prel.)	xcvi
in the British Army at home. (Table 60.—Prel.)	c
in the British Army at home and abroad in each of the Years 1874-77. (Table 62.—Prel.)	ci
of Officers and Men in the Army abroad belonging to England and Wales, Scotland, Ireland, and Foreign parts, in each of the Years 1858-77. (Table 65.—Prel.)	cii
of British Subjects at Sea in each of the Years 1856-77. (Table 66.—Prel.)	ciii
of Merchant Seamen at Sea in each of the Years 1852-77. (Table 67.—Prel.)	civ
at different Ages of Merchant Seamen. (Table 68.—Prel.)	cv
in European States, 1850-77. (Tables 73-84.—Prel.)	cx-cxv
registered in each of the Divisions, Counties, Districts, and Sub-districts (distinguishing Males and Females)	30-84
excess of Births over, in each of the Divisions, Counties, Districts, and Sub-districts	30-84
registered in each of the Four Quarters (distinguishing Males and Females), in Divisions and Counties	94-97
in Public Institutions	99-120
of Males and Females at different Ages in Divisions, Counties, and Districts	122-143
causes of, at different Ages, in England, Males and Females	146-155
causes of, at different Ages, in London, Males and Females	156-161
causes of, in England and the Eleven Divisions and Counties	162-185
from several causes, in the Divisions, Counties, and Districts of England.	186-197
from Violence at different Ages, in England, Males and Females	198-204
from Violence in England and the Eleven Divisions	205-211
from Suicide, at different Ages in England, Males and Females	212-213
from Suicide in England and the Eleven Divisions	214-215
from Murder and Manslaughter, at different Ages, in England and the Eleven Divisions	216-221
from different Classes of Disease (Dr. FARR's letter)	225-230
from several Causes in 20 of the largest English Towns in 52 weeks. (Table 19.—App.)	273
in large Towns in each Year 1870-77, from Small-pox, Measles, Scarlet Fever, Diphtheria, Whooping-cough, Fever, and Diarrhea. (Tables 22-28.—App.)	274-277
of Children under One Year of Age to 1000 Births, from different Causes. (Table 29.—App.)	278

	PAGES
DEATH-RATE exceedingly low	xxiii
in Town and Country Districts, 1847-77. (Table 17.—Rep.)	xxiii-xxiv
of Males and Females, at different Ages in 1877, compared with 1848-72. (Table 18.—Rep.)	xxv
in the four Seasons	xxv
in certain Counties	xxvi
of Infants in large Towns	xxvii
of Infants under One Year, in 20 large Towns, 1870-77. (Table 19.—Rep.)	xxvii
of Children under Five Years of Age in 20 large Towns, 1873-77. (Table 20.—Rep.)	xxviii
of Children and Adults, 1867-76, and in 1877, in Counties. (Table 21.—Rep.)	xxix
at different Ages to 1000 of Population at all Ages, 1848-72, and in 1875-6-7. (Table 22.—Rep.)	xxx
in the British Army at home and abroad, 1861-77. (Table 26.—Rep.) (Tables 60 and 63.—Prel., pp. c-ci.)	xxxiv
in the Royal Navy at different Stations 1875-76-77. (Table 27.—Rep.)	xxxv
comparative, from Drowning, in the Royal Navy and in the Mercantile Marine, 1866-77. (Table 28.—Rep.)	xxxvi
in the Mercantile Marine, 1866-77. (1852-77, Table 67.—Prel., p.civ.)	xxxvi
in European States. (Table 30.—Rep.) (Tables 72-84.—Prel., pp. cix-cxv)	xxxviii
in England in each Year, 1838-76. (Table 2.—Prel.)	xlvi
of Males and Females in England in each Year, 1838-77. (Table 20.—Prel.)	lxv
in each Quarter of the Years 1838-77. (Table 21.—Prel.)	lxvi
of Males and Females at different Ages in each Year, 1838-77, and in groups of Years. (Tables 25-28.—Prel.)	lxx-lxxiii
in Counties in each of the Years 1867-77. (Table 29.—Prel.)	lxxiv
average annual, in 25 Years 1848-72, Persons, Males, and Females. (Table 30.—Prel.)	lxxv
of Persons, Males, and Females in Divisions; and of Persons in Counties; living at 12 groups of Ages. (Tables 30-31.—Prel.)	lxxv-lxxvi
in Town and Country Districts of England in each Quarter of the Years 1867-77. (Table 34.—Prel.)	lxxix
in England and the 11 Registration Divisions in the Two Decades 1851-60 and 1861-70, and in 1877 and its Quarters. (Table 35.—Prel.)	lxxix
in each Week of 1877 in Twenty large English Towns. (Table 37.—Prel.)	lxxxii
in Fifty large Town Districts, 1871-77. (Table 38.—Prel.)	lxxxii
from Seven Zymotic Diseases in Fifty large Town Districts, 1871-77. (Table 38.—Prel.)	lxxxii
in Fifty large Town Districts in 1877. (Table 39.—Prel.)	lxxxiii
from Seven Zymotic Diseases in Fifty large Town Districts in 1877. (Table 39.—Prel.)	lxxxiii
in Twenty-three large Towns of the United Kingdom in the Years 1873-77. (Table 40.—Prel.)	lxxxiv
in London, Males, Females, and Persons, in each Year, 1865-77. (Table 42.—Prel.)	lxxxv
in Five Groups of Metropolitan Districts in each Year 1840-77. (Table 43.—Prel.)	lxxxvi
from all Causes and from Zymotic Diseases in the Districts of the Outer Ring of London. (Table 44.—Prel.)	lxxxvii
in the United Kingdom. (Table 53.—Prel.)	xcv

	PAGES
DEATH-RATE— <i>continued.</i>	
in the Army in the United Kingdom. (Table 60.—Prel.)	c
amongst Officers and Men in the British Army at home and abroad, 1858-77. (Table 63.—Prel.)	ci
amongst Merchant Seamen at Sea in each Year, 1852-77. (Table 67.—Prel.)	civ
from the several Causes to 1,000,000 living in each of the Years 1862-77. (Table 2.—App.)	254-256
from the several Causes in 25 Years, five Quinquennials, and in 1875, 1876, and 1877. (Table 4.—App.)	258-261
from certain Causes to 1000 living in Counties. (Table 6.—App.)	263
from Fevers, in each Year 1850-77. (Table 9.—App.)	265
in 20 of the largest English Towns in 52 weeks. (Table 20.—App.)	273
in 1877, and average Annual 1870-76, in 20 Large Towns, from Seven Zymotic Diseases, Small-pox, Measles, Scarlet Fever, Diphtheria, Whooping-cough, Fever, and Diarrhœa. (Tables 21-28.—App.)	274-277
of Infants from various Causes, Teething, Convulsions, &c., 1873-76, and in 1877 in England, Scotland, and in 15 large Towns. (Table 29.—App.)	278
DELIRIUM TREMENS; Deaths from, in each Year 1850-77	250-251
DENMARK; Fecundity of Marriages in. (Table xxix.—Rep.)	xxxvii
Average Annual Proportion to Population of Persons married, Births, and Deaths, 1853-77. (Table 72.—Prel.)	cix
Estimated Population; Number and Proportion to Population of Persons married, Births, and Deaths, 1850 to 1877. (Table 74.—Prel.)	cx
DENSITY; Persons to an Acre in 1871 in England and the 11 Registration Divisions. (Table 35.—Prel.)	lxxix
Persons to an Acre in London and 22 Large Towns in 1877. (Table 40.—Prel.)	lxxxiv
in Districts of London, in 1841 and 1871. (Table 43.—Prel.)	lxxxvi
Acres and Hectares to a Person in the United Kingdom. (Table 53.—Prel.)	xcv
Population, Method of determining	231
or Proximity of Population; its Advantages and Disadvantages. By W. Farr, M.D.	234-238
DEVELOPMENTAL DISEASES	227
DIARRHŒA, Deaths and Mortality from, in 20 Large Towns, 1870-77. (Table 28.—App.)	277
(See CAUSES OF DEATH Tables, pp. 148-197.)	
DIGESTIVE ORGANS, Deaths from diseases of	227
DIPHThERIA, Deaths and Mortality from, in 20 Large Towns, 1870-77. (Table 25.—App.)	276
DISEASES. (See CAUSES OF DEATH.)	
DISTRICTS; changes in the constitution of. (Table 86.—Prel.)	cxx
Alphabetical Index of	285-288
DIVISIONS of England: Mortality of Persons, Males and Females, living at 12 groups of Ages. (Table 30.—Prel.)	lxxv
Average Annual Rate of Mortality in the Eleven Divisions in the Two Decades 1851-60 and 1861-70; and in the Four Quarters of 1877. (Table 35.—Prel.)	lxxix

	PAGES
DIVORCES ; remarriages of Divorced Persons	xv
Marriages of Divorced Men and Women in each of the 17 Years 1861-77, and the Districts in which they were celebrated in 1877. (Table 12.—Prel.)	lvii
DROWNING ; Deaths by, in the Merchant Service and Royal Navy, 1866-77. (Table 28.—Rep.)	xxxvi
(See also CAUSES of DEATHS.)	
DUBLIN ; Estimated Population ; Births and Deaths, Proportions to Popu- lation ; Temperature and Rainfall. (Table 40.—Prel.)	lxxxiv
Park provision, Area, Cost, &c.	239
EDINBURGH ; Estimated Population ; Births and Deaths, Proportions to Population ; Temperature and Rainfall. (Table 40.—Prel.)	lxxxiv
Park provision, Area, &c.	239
EDUCATION ; progress of, as indicated by Signatures to Marriage Registers. (Tables 12, 13.—Rep.)	v, xvii-xviii
EMIGRANTS, of British origin (distinguishing English, Scotch, and Irish), and of Foreigners 1863-77. (Table 1.—Rep.)	vii
of Irish origin, 1863-77. (Table 2.—Rep.)	viii
to the United States, the North American and Australian Colonies, and to other places, 1853-55, and in each Quinquenniad, 1856-75, and in 1876 and 1877. (Table 3.—Rep.)	viii
excess of, over Immigrants. (Table 4.—Rep.)	ix
from Ireland, in each Year, 1851-77. (Table 25.—Rep.)	xxxiii
Occupation, Sex, and general Destination of. (Table 57.—Prel.)	xcviii-xcix
EMIGRATION from the United Kingdom	vi-ix
Effect of, on Population	ix
from the United Kingdom, in each of the Years 1815 to 1877. (Table 55.—Prel.)	xcvii
from the United Kingdom, distinguishing the Destination, Sex, Age, Condition, Occupation, and Origin of the Emigrants. (Tables 56, 57.—Prel.)	xcviii-xcix
ENGLAND AND WALES ; Summary of results of Registration in Years 1837-77	xxxii
Fecundity of Marriages in. (Table xxix.—Rep.)	xxxvii
Area, Estimated Population ; Marriages, Births, and Deaths. (Table 52.—Prel.)	xcv
Density ; and Proportion, per 1,000, of Marriages, Births, and Deaths to the Population. (Table 53.—Prel.)	xcv
Emigration from, distinguishing Destination,. (Table 55.—Prel.)	xcvii
Estimated Population of both Sexes in the middle of each of the Years 1801-1879. (Table 69.—Prel.)	cvi
Numbers ; and Average Annual Proportion to Population ; of Persons married, Births, and Deaths, 1853-77. (Tables 72, 73.—Prel.)	cix-cx
ENTHETIC DISEASES	225
EUROPEAN STATES ; Comparative Fecundity in 1876. (Table 29.—Rep.)	xxxvii
Annual Rates per 1000 of Persons Married, of Births, and Deaths. (Table 30.—Rep.)	xxxviii
Vital Statistics of. (Tables 72-84.—Prel.)	cix-cxv
Violent Deaths ; Suicide, Homicide, and Accident ; and Proportion of each to a Million Persons living. (Table.)	230
Proximity of Population. (Table B.)	236

	PAGES
EXECUTIONS	228
In Divisions and Counties, distinguishing Males and Females, and Ages. (Tables)	146-185
FARR, WILLIAM, M.D. ; Letter to the Registrar-General on the Causes of Death	225-230
On determining the Density and Proximity of Population	231-233
On Density or Proximity of Population ; its Advantages and Disadvantages	234-238
FEVER ; Fatal in the prime of life	225
Deaths in England at different Ages from Fever, in the 17 Years, 1861-77. (Table 8.—App.)	265
Deaths registered and Proportional Number to 10,000 Persons living, and to 1,000 Deaths, in each of the Years 1850-77. (Table 9.—App.)	265
Deaths and Mortality from, in 20 Large Towns, 1870-77. (Table 27.—App.)	277
(See CAUSES of DEATH, pp. 148-197.)	
FINLAND ; Violent Deaths, Suicide, Homicide, and Accident, and Proportion of each to a Million Persons living. (Table.)	230
FOREIGN CITIES ; Area, Population, Births, Deaths, and Rates in 28 Cities. (Table 45.—Prel.)	lxxxvii
FOREIGN TOWNS ; Proximity of the People. (Table C.—App.)	238
FRANCE ; Fecundity of Marriages in. (Table 29.—Rep.)	xxxvii
Average Annual Proportion to Population of Persons married, Births, and Deaths, 1853-72, 1873-76 ; and in 1877. (Table 30. —Rep.) (Table 72, p. cix.—Prel.)	xxxviii
Estimated Population : Number, and Proportion to Population, of Persons married, Births, and Deaths, in each of the Years 1853-77. (Table 82.—Prel.)	cxiv
FLUCTUATIONS in the Marriage-rate, and some of the Causes which have contributed thereto, 1839-77. (Table 85.—Prel.)	cxvi-cxix
GERMAN EMPIRE ; Average Annual Proportion to Population of Persons married, Births, and Deaths, 1853-72, 1873-76 ; and in 1877. (Table 30.—Rep.) (Table 72, p. cix.—Prel.)	xxxviii
Population ; Number and Proportion to Population of Persons married, Births, and Deaths, 1872-77. (Table 79.—Prel.)	cxiii
GLAISHER, J., F.R.S. ; Remarks on the Meteorology of 1877	xli-xliv
GLASGOW ; Estimated Numbers living, Deaths, and Annual Rate of Mor- tality of Children under Five Years of Age. (Table 20.—Rep.)	xxviii
Births and Deaths ; Proportions to Population ; Temperature and Rainfall. (Table 40.—Prel.)	lxxxiv
Park Provision ; area, cost, &c.	240
GREAT BRITAIN ; Area, Estimated Population, Marriages, Births, and Deaths. (Table 52.—Prel.)	xcv
Proportion per 1000 of Marriages, Births, and Deaths to Population. (Table 53.—Prel.)	xcv
HARVESTS, Results of ; and Home and Foreign Events, affecting the Marriage Rate, 1839-77. (Table 85.—Prel.)	cxvi-cxix
HOSPITALS ; Increase of, since 1872	vi
Numbers of, and Deaths in, in each Year 1869-77. (Table xxiii. —Rep.)	xxxi

	PAGES
HUNGARY and TRANSYLVANIA; Average Annual Proportion to Population of Persons married, Births, and Deaths, 1866-77. (Table 72.—Prel.)	cix
Population; Number and Proportion to Population of Persons married, Births, and Deaths, 1866-76. (Table 77.—Prel.)	cxii
HYDROPHOBIA; increase of, in recent years	226
Deaths from, Sex, Age, and Occupation, in England. (Table 16.—App.)	271
ILLEGITIMATE BIRTHS; decrease of, since 1855	xxi
Proportional Number to 100 Births in Counties in 1855-64, 1865-74, and in 1875-77. (Table 16.—Rep.)	xxii
Relation between, and the Proportional Number of Spinsters 20-40 Years of Age in Counties and Groups of Counties. (Table 16.—Rep.)	xxii
in England in 1842 and in the Years 1845-77, Proportion of Males to Females, and Proportion to total Births. (Table 13.—Prel.)	lviii
Proportion to 100 Births in the Counties of England in each of the Years 1867-77. (Table 14.—Prel.)	lix
registered in each of the Divisions, Counties, Districts, and Sub-districts (distinguishing Males and Females)	30-84
registered in the Divisions and Counties (distinguishing Males and Females) in each of the Four Quarters	90-93
IMMIGRANTS; Number in 1876 and 1877, distinguishing their Sources. (Table 4.—Rep.)	ix
INFANTICIDE and MURDER; Deaths in England at different Ages (Males and Females)	216-217
in each of the Eleven Divisions (Males and Females)	218
INFANT MORTALITY	xxvii
in 20 Large Towns 1870-77. (Table 19.—Rep.)	xxvii
INSANITY	226
(See CAUSES of DEATH, pp. 146-185.)	
INSTITUTIONS; Deaths in, in England (Tables, pp. 99-120.)	xxx-xxxii
Number and Increase of Hospitals, and Deaths therein (Male and Female), 1869-77 (Table 23.—Rep.)	xxxii
Numbers and Proportions of Deaths in different Classes of, in London	xxxii-xxxiii
of London; Deaths in each of the Years 1865-77. (Table 41.—Prel.)	lxxxiv
INTEMPERANCE	226
(See CAUSES of DEATH, pp. 146-185.)	
INTOXICATION; Violent Deaths while in a state of	201, 204, 208, 211
IRELAND; Native Emigrants from, 1851-77. (Table xxv.—Rep.)	xxxiii
Area, Estimated Population, Marriages, Births, and Deaths. (Table 52.—Prel.)	xcv
Density; and Proportion, per 1000, of Marriages, Births, and Deaths to the Population. (Table 53.—Prel.)	xcv
Emigrants from, distinguishing Destination. (Table 56.—Prel.)	xcviii
Estimated Population of both Sexes in the Middle of each of the Years 1801-1879. (Table 69.—Prel.)	cvii
Violent Deaths; Suicide, Homicide, and Accident, and Proportions of each to a Million Persons living. (Table.)	230
ISLANDS in BRITISH SEAS; Area, Population, Births, and Deaths. (Table 54.—Prel.)	xcvi

	PAGES
ITALY; Fecundity of Marriages in. (Table 29.—Rep.)	xxxvii
Average Annual Proportion to Population of Persons Married, Births, and Deaths, 1863-77. (Table 72.—Prel.)	cix
Estimated Population; Number, and Proportion to Population, of Persons Married, Births, and Deaths, in each of the Years 1863-77. (Table 84.—Prel.)	cxv
Deaths by Violence	229
Violent Deaths; Suicide, Homicide, and Accident, and Proportions of each to a Million Persons living. (Table.)	230
LEGITIMATE BIRTHS. (See BIRTHS.)	
LIGHTNING; Deaths by, and the Annual Rate, in England and the Eleven Divisions, 1871-77. (Table 17.—App.)	272
Sex, Age, and Occupation of Persons Killed by, in different Districts in each of the Years 1876-77. (Table 18.—App.)	272
LOCAL DISEASES	226
LOCALITY; Mortality in different localities	xxvi
LONDON; Deaths in Public Institutions, 1865-77. (Table 41.—Prel.)	lxxxiv
Mean Temperature and Rainfall; Estimated Population, Males, Females, and Persons; Births and Deaths; Excess of Births over Deaths; Deaths in Groups of Districts; Birth-rate and Mortality in each Year 1865-77. (Table 42.—Prel.)	lxxxv
Annual Rate of Mortality in each of the Years 1840-77 in five Groups of Districts. (Table 43.—Prel.)	lxxxvi
Causes of Death of Males and Females at different Periods of Life	156-161
(See also TOWNS.)	
LONGEVITY. (See CENTENARIANS.)	
MANSLAUGHTER; Deaths of Males and Females from, in England at different Ages	219-220
of Males and Females in each of the Eleven Divisions	221
MARINE REGISTER BOOK	xxxv
MARRIAGES	xii-xix
Effect upon of bad harvests and trade depression according to different Rites and Forms	xii-xiii
Proportion per cent. by Special License, License, Banns, and Certificate, in Quinquennials 1841-75, and in 1876-77. (Table 7.—Rep.)	xiv
Proportion per 1000 Marriages in the Established Church, not stated whether by License, Banns, or Certificate. (Table 8.—Rep.)	xv
First Marriages and Re-marriages	xv
Ages of Persons Married	xv
Proportion in which Ages not returned in England, 1853-77. (Table 9.—Rep.)	xvi
Proportion in which Ages not returned in Registration Divisions, 1876 and 1877. (Table 10.—Rep.)	xvi
Mean age at Marriage	xvii
Annual proportion of Minors Married in Quinquennial periods, 1841-75, and in 1876 and 1877. (Table 11.—Rep.)	xvii
Signature of Marriage Registers	xvii
Proportion per cent. of Signatures by Marks, 1841-75, 1876 and 1877, and Quinquennial decrease in the Number of Persons who signed the Marriage Register with Marks, 1841-75. (Table 12.—Rep.)	xviii

MARRIAGES—*continued.*

	PAGES
Relative proportions in England, Scotland, and Ireland of those who signed the Marriage Register with Marks. (Table 13.—Rep.)	xviii
Buildings registered for	xix
in European States, and comparative fecundity thereof	xxxvii
registered in England in each Year, 1838-77. (Table 1.—Prel.)	xlvi
Number of Persons Living to one Person Married, 1838-77. (Table 2.—Prel.)	xlvii
in England in each Year, 1841-77, in Established Church and amongst Nonconformists. (Table 4.—Prel.)	xlix
Proportion per cent. by License, Banns, Certificate, Not stated, and Civil Rites in England in Thirty-seven Years, 1841-77. (Table 5.—Prel.)	1
civil condition of Persons married; number of Minors married, and of Persons who signed the Register with Marks, 1841-77. (Table 6.—Prel.)	li
in England in each Quarter of the Years 1838-77. (Table 7.—Prel.)	lii
in England in each Year 1841-77; proportion of Minors, of those who signed with Marks, of Widowers and Widows. (Table 8.—Prel.)	liii
in Counties of England; proportion of those who signed with Marks, of Minors, and of Re-marriages, to Total Marriages of Men and Women. (Table 10.—Prel.)	lv
Number and Classification of Buildings registered for the solemnization of Marriages in the Divisions and Counties of England, and on the Register, on 31st December 1877. (Table 11.—Prel.)	lvi
of Divorced Persons in the Years 1861-77, and in 1877 in Divisions and Districts. (Table 12.—Prel.)	lvii
in the United Kingdom. (Table 52.—Prel.)	xcv
Registered in England in each of the Divisions, Counties, and Districts; distinguishing the form of Marriage, and whether according or <i>not</i> according to the Rites of the Established Church; and distinguishing also the seasons of Marriage, and the Marriages of Persons according to their conjugal Condition, Minority, and Signature of the Register by Marks.	2-25
Ages of 304,790 Persons Married, distinguishing Bachelors, Spinsters, Widowers, Widows	26-28
Registered in each of the Divisions, Counties, and Districts	30-40
MARRIAGE-RATE; in England, exceptionally low	xii
in certain Counties	xii
in European States. (Table 30.—Rep.)	xxxviii
in England in each Year 1838-77. (Table 2.—Prel.)	xlvii
Means of Forty Years, of Decades, and of Quinqueniads, 1838-77. (Table 3.—Prel.)	xlviii
in each Quarter of the Years 1838-77. (Table 7.—Prel.)	lii
in Counties of England, 1867-77. (Table 9.—Prel.)	liv
in the United Kingdom. (Table 53.—Prel.)	xcv
fluctuations in, in England, and some of their Causes. (Table 85.—Prel.)	cxvi-cxix
MEASLES; Deaths from, in 20 Large Towns, in each Year 1870-77, and Mortality, 1870-76 and 1877. (Table 23.—App.)	275
(See CAUSES of DEATH, pp. 148-197.)	
MEAT; Quantity imported in the Seven Years 1871-7. (Table 5.—Rep.)	xi
Average Prices of, 1852 to 1877, and in each Quarter 1868-77. (Table 36.—Prel.)	lxxx
Average prices of, 1839 to 1877. (Table 85.—Prel.)	cxvi-cxix
(See also PRICES.)	

	PAGES
MERCHANT SEAMEN AT SEA; Strength, and Death-rate from drowning, 1866-77, compared with that in the Royal Navy. (Table 28.—Rep.)	xxxvi
Strength, Deaths, and Mortality in each of the Years 1852-77. (Table 67.—Prel.)	civ
Rating, Age, and Causes of Death of 4,181 Seamen reported to have died in 1877. (Table 68.—Prel.)	cv
METEOROLOGY; of 1877	ix
Meteorological Conditions, as affecting the Public Health	xxv-xxvi
of 1877. Remarks upon, by James Glaisher, F.R.S.	xli-xliv
and Deaths in London, 1865-77. (Table 42.—Prel.)	lxxxv
of different parts of the Country. By James Glaisher, F.R.S. (Tables 46 and 47.—Prel.)	lxxxviii-xci
of Greenwich, 1849-77. (Table 48.—Prel.)	xc-xci
Monthly Meteorological Elements at Greenwich. (Table 49.—Prel.)	xcii-xciii
Quarterly Meteorological Elements at Greenwich. (Table 50.—Prel.)	xcii-xciii
METRIA. (See CHILDBIRTH.)	
MINES; Deaths from violence in. (See VIOLENT DEATHS.)	
MINORS, proportional numbers of, Married, 1841-77. (Table 11.—Rep.)	xvii
(See also MARRIAGES.)	
MORTALITY. (See DEATH-RATE.)	
MURDER and INFANTICIDE; Deaths of Males and Females in England at different Ages	216-217
of Males and Females in each of the Eleven Divisions	218
NAVY; Mortality of, at the different Stations. (Table 27.—Rep.)	xxxiv-xxxv
NETHERLANDS; Average Annual Proportion to Population, of Persons Married, Births, and Deaths, 1853-77. (Table 72.—Prel.)	cix
Estimated Population; Number, and Proportion to Population, of Persons Married, Births, and Deaths, 1853-77. (Table 81.—Prel.)	cxiv
NOMENCLATURE of Committee of College of Physicians, Deaths classified according to. (Table 30.—App.)	279-283
NORWAY; Violent Deaths; Suicide, Homicide, and Accident; and Proportion of each to a Million Persons living. (Table.)	230
OUTER RING, LONDON; Population, Births, Deaths from all Causes and from Zymotic Diseases; and Birth and Death Rates. (Table 44.—Prel.)	lxxxvii
PARKS; Provision of, in Great Towns; their Area, Uses, Cost, &c.	239-246
to one Acre of, the proportional Town Area and Number of Persons. (Table.)	245
PAUPERISM in 1876 and 1877	xi
Average number of Paupers relieved on the last day of each week 1857-77, and in each Quarter of the Years 1868-77. (Table 36.—Prel.)	lxxx
PHTHISIS; Mortality from. (Tables 4 and 6.—App.)	259-263
Deaths from, and proportional Number to a Million Deaths from all Causes. (Table 5.—App.)	262
(See CAUSES of DEATH, pp. 148-197.)	

	PAGES
POPULATION; Increase of	ix
Effect upon, of Emigration and Immigration	ix
estimated, of Children under 5 Years of Age in Twenty Large Towns. (Table 20.—Rep.)	xxviii
of England estimated to the middle of each of the Years 1838-77 (Table 1.—Prel.)	xlvi
of England, Males and Females, estimated for each Year 1838-77. (Table 20.—Prel.)	lxv
in 1861 and 1871 in Town and Country Districts of England. (Table 34.—Prel.)	lxxxix
enumerated in 1871, in the Eleven Divisions of England. (Table 35.—Prel.)	exxix
estimated, in the middle of 1877, in Fifty large Town Districts. (Table 39.—Prel.)	lxxxiii
estimated, in the middle of 1877, in London and Twenty-two other Large Towns of the United Kingdom. (Table 40.—Prel.)	lxxxiv
Male and Female, of London; estimated to the middle of each Year 1865-77. (Table 42.—Prel.)	lxxxv
of London; estimated Increase in each Year 1865-77. (Table 42.—Prel.)	lxxxv
estimated, of United Kingdom, England, Scotland, and Ireland. (Table 52.—Prel.)	xcv
enumerated, of the Islands in the British Seas 1851, 1861, and 1871. (Table 54.—Prel.)	xcvi
of United Kingdom, England and Wales, Scotland, and Ireland, Persons, Males, and Females, in middle of each Year 1801-79. (Table 69.—Prel.)	cvi-cvii
of United Kingdom, Persons, Males, and Females, in the middle of the Census years, and logarithms of the same. (Tables 70, 71.—Prel.)	cviii
in 1871 of each Division, County, District, and Sub-district	30-84
Density and Proximity of; demonstration of Formulæ	231-233
Density or Proximity; its Advantages and Disadvantages. By William Farr, M.D.	234-238
Proximity of, in Groups of English Districts, in European States, in Foreign Towns, and in England and Wales and English, Scotch, and Irish large Towns. (Tables A, B, C, D.—App.)	236-238
(See also ENGLAND, SCOTLAND, and IRELAND, and FOREIGN STATES.)	
POTATOES; exceptionally high price of	xi
Average Prices of, 1852 to 1877, and in each Quarter 1868-77. (Table 36.—Prel.) (Table 85.—Prel., pp. cxvi-cxix.)	lxxx
PREGNANCY. (See CHILDBIRTH.)	
PRICES; review of	xiii
of Wheat	x, xiii
Number and Value of Animals imported in 1875, 1876, and 1877. (Table 6.—Rep.)	xi
of Meat	xi
their effect on the Marriage-rate	xiii
of Consols, Wheat, Meat, and Potatoes in each of the Years 1852-77, and in each Quarter of the Years 1868-77; and of Coal in each of the years 1861-77. (Table 36.—Prel.)	lxxx
PRIVATION; Deaths from, in the 11 Years 1867-77, distinguishing Locality, Sex, and Age. (Table 11.—App.)	267

	PAGES
PROBATES and LETTERS OF ADMINISTRATION granted	xxxvi
PROGRESS of REGISTRATION, 1837-77. (Table 51.—Prel., p. xciv.)	xxxii
PROXIMITY OF POPULATION; Method of determining	231-233
or Density of Population; its Advantages and Disadvantages. By W. Farr, M.D.	234-238
in Groups of English Districts, in European States, in Foreign and British Towns. (Tables A, B, C, D, and Diagram.—App.)	236-238
PRUSSIA; Fecundity of Marriages in. (Table 29.—Rep.)	xxxvii
Average Annual Proportion to Population of Persons married, Births, and Deaths, 1853-77. (Table 69.—Prel.) (Table 30.—Rep., p. xxxviii)	cix
Estimated Population; Number, and Proportion to Population, of Persons married, Births, and Deaths, 1853-77. (Table 78.—Prel.)	cxii
Violent Deaths; Suicide, Homicide, and Accident; and Proportion of each to a Million Persons living. (Table.)	230
PUBLIC INSTITUTIONS. (See INSTITUTIONS.)	
RAILWAYS; Deaths upon. (See also VIOLENT DEATHS.)	228
RAINFALL in 1877	x, xlii
in Large Towns of the United Kingdom. (Table 40.—Prel.)	lxxxiv
in London, 1865-77. (Table 42.—Prel.)	lxxxv
REGISTERED BUILDINGS FOR MARRIAGES on 31st December 1877. (Table 11.—Prel. p. lvi.)	xix
REGISTERS; Aggregate number of Names on the. (Table 51.—Prel. p. xciv.)	xxxii
REGISTRATION ACT, 1874; Improved results from	xxxix
REGISTRATION; Progress of	xxxii
RELIGIOUS DENOMINATIONS; List of Certified Places of Worship of	xix
RE-MARRIAGES. (See also MARRIAGES.)	xv
RESPIRATORY ORGANS; Deaths from	227
Deaths from, in each Year 1850-77. (Table 1.—App.)	248-251
Mortality from, in each Year 1862-77. (Table 2.—App.)	254-255
Proportional Number of Deaths to a Million Deaths from all Causes. (Table 3.—App.)	257
Mortality from, during 25 Years 1850-74, in Quinquennials, and in 1875-6-7. (Table 4.—App.)	258, 260
Mortality from, in Counties. (Table 6.—App.)	263
SCARLET FEVER; Deaths in each of the Counties of England in each of the Years 1867-77. (Table 7.—App.)	264
Deaths and Average Mortality from, in 20 Large Towns, in each Year 1870-77, and Mortality 1870-76 and 1877. (Table 24.—App.)	275
Deaths from, in each Year 1850-77. (Table 1.—App.)	248-249
Mortality from, in each Year 1862-77. (Table 2.—App.)	255
Proportional Number of Deaths to a Million Deaths from specified Causes. (Table 3.—App.)	257
Mortality in Quinquennials, 1850-74, and in 1875-6-7. (Table 4.—App.)	259
Mortality in Counties. (Table 6.—App.)	263
(See CAUSES OF DEATH, pp. 148-197.)	

	PAGES
SCOTLAND; Area, Estimated Population, Marriages, Births, and Deaths. (Table 52.—Prel.)	xcv
Density; and Proportion per 1000, of Marriages, Births, and Deaths to Population. (Table 53.—Prel.)	xcv
Emigration from, distinguishing Destination. (Table 56.—Prel.)	xcviii
Estimated Population of both Sexes in the middle of each of the Years 1801-79. (Table 69.—Prel.)	cvii
Violent Deaths; Suicide, Homicide, and Accident; and Proportion of each to a Million Persons living. (Table.)	230
SEA; Births and Deaths of British Subjects at, 1856-77. (Table 66.—Prel.)	ciii
SEAMEN; Mortality in the Royal Navy at the different Stations, 1875-6-7. (Table 27.—Rep.)	xxxv
Deaths by Drowning, and Mortality in the Mercantile Marine and in the Royal Navy compared. (Table 28.—Rep.)	xxxvi
Mortality of Merchant Seamen at Sea, 1852-77. (Table 67.—Prel.)	civ
Causes of Death, Rating, and Ages of Merchant Seamen reported in 1877. (Table 68.—Prel.)	cv
SEARCHES; Total and Average Annual Number of, in Six Quinquennial Periods 1845-74, and in 1875, 1876, and 1877. (Table 24.—Rep.)	xxxii
Particulars relative to Searches	xxxii
Amount received in fees for Searches	xxxii
Numbers of, in each Year 1843-77. (Table 51.—Prel.)	xciv
Amounts received in fees for, 1838-77. (Table 51.—Prel.)	xciv
SEASONS; Influence of, on Mortality	xxv
SEX; Proportion of Males living to every 100 Females, 1821-71. (Table 14.—Rep.)	xx
Proportional Number of Males born to Females born, 1838-77. (Table 15.—Rep.)	xxi
Proportional Number of Males dying to Females dying	xxiv
Number and Proportion of Males and Females born in and out of Wedlock in Counties. (Table 17.—Prel.)	lxii
Proportion of Male and Female Children born in the several Counties of England in each of the Years 1867-77. (Table 18.—Prel.)	lxiii
(See also BIRTHS and DEATHS.)	
SKIN DISEASES	227
(See CAUSES of DEATH. Table, pp. 145-185, and Tables 1-5.—App. pp. 248-262.)	
SMALL-POX, Deaths and Mortality from, in 20 Large Towns, 1870-77. (Table 22.—App.)	274
SPAIN; Fecundity of Marriages in. (Table 29.—Rep.)	xxxvii
Average Annual Proportion to Population of Persons married, Births, and Deaths, 1861-70. (Table 72.—Prel.)	cix
Estimated Population; Number, and Proportion to Population, of Persons married, Births, and Deaths in each of the Years 1861-70. (Table 83.—Prel.)	cxv
STARVATION; Deaths from, in the Eleven Years 1867-77, distinguishing Locality, Sex, and Age. (Table 11.—App.)	267
SUB-DISTRICTS; changes in the constitution of. (Table 86.—Prel.)	cxx
Alphabetical Index of	289-298

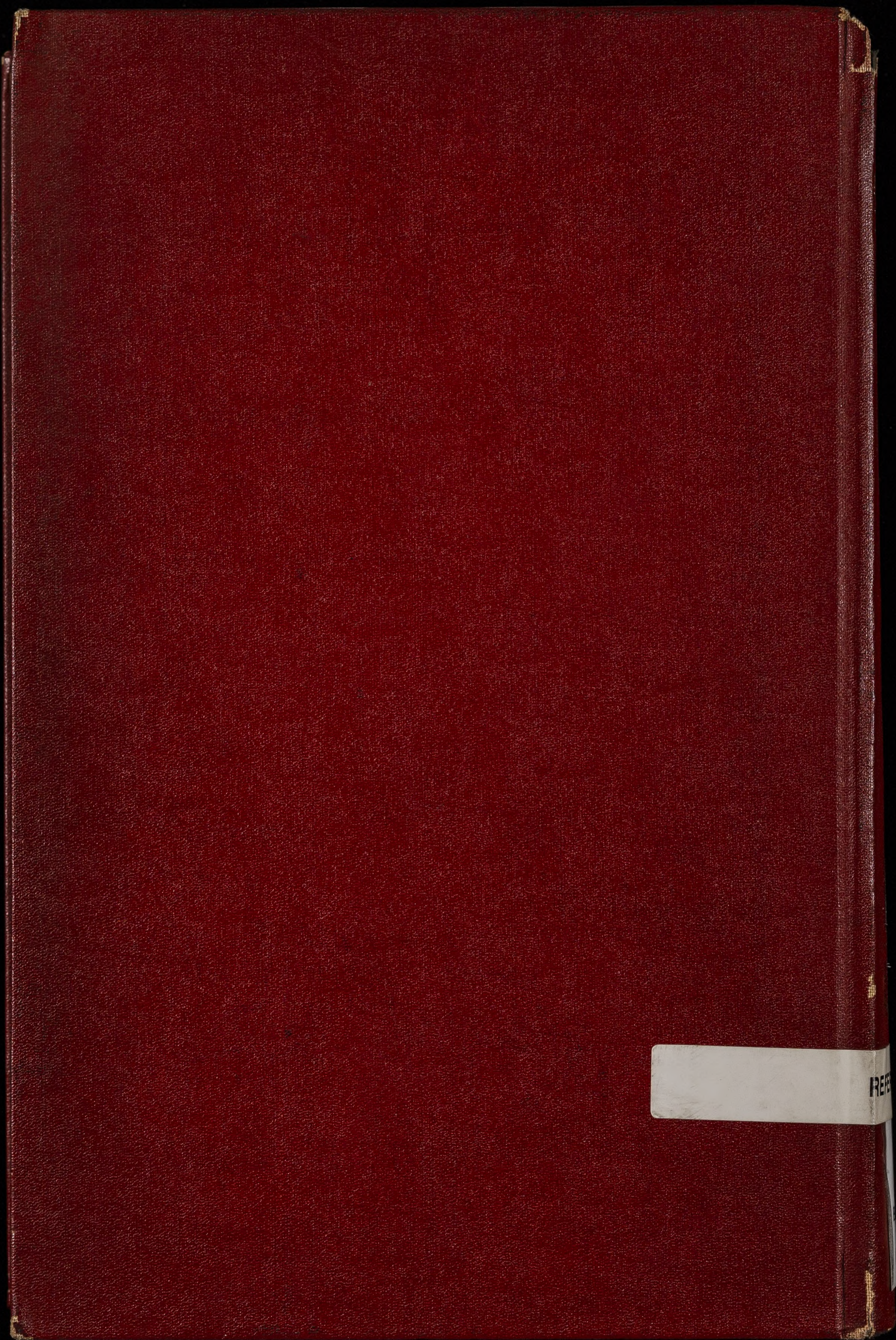
	PAGES
SUICIDES of Males and Females in England at different Ages	212-213
of Males and Females in each of the Eleven Divisions	214-215
Proportion to every 1,000,000 of the Population of England, 1862-77. (Table 2.—App.)	254-256
Proportional Number of Deaths to a Million Deaths from all Causes. (Table 3.—App.)	257
Mortality in 25 Years, in Quinquennials, 1850-74, and in 1875-6-7. (Table 4.—App.)	258-261
SWEDEN; Fecundity of Marriages in. (Table 29.—Rep.)	xxxvii
Average Annual Proportion to Population of Persons married, Births, and Deaths, 1853-77. (Table 72.—Prel.) (Table 30.—Rep., p. xxxviii.)	cix
Population; Number, and Proportion to Population, of Persons married, Births, and Deaths, 1850-77. (Table 75.—Prel.)	cxi
Violent Deaths, Suicide, Homicide, and Accident; and Proportion of each to a Million Persons living. (Table.)	230
SWITZERLAND; Violent Deaths, Suicide, Homicide, and Accident; and Proportion of each to a Million Persons living. (Table.)	230
SYPHILIS, Deaths from	225-226
TEMPERATURE	ix, xxv, xlii
Mean at Greenwich in each week of 1877. (Table 37.—Prel.)	lxxxii
Mean in 17 Large Towns of United Kingdom (Table 40.—Prel.)	lxxxiv
Mean in London, 1865-77. (Table 42.—Prel.)	lxxxv
(See also METEOROLOGY.)	
TOWN AND COUNTRY DISTRICTS.	
Annual and Mean Mortality in the 31 Years 1847-77. (Table 17.—Rep.)	xxiii-xxiv
Area; Population 1861 and 1871; Annual Rate of Mortality per 1000 in each Quarter of the Years 1867-77. (Table 34.—Prel.)	lxxxix
TOWNS; Mean Temperature at Greenwich, Annual Rate of Mortality in each week of 1877, in London and Nineteen other large English Towns. (Table 37.—Prel.)	lxxxix
Mortality from all Causes, and from seven Zymotic Diseases in Fifty large Town Districts in each of Seven Years 1871-77. (Table 38.—Prel.)	lxxxii
Population, Births, Deaths; Birth and Death Rates; and Infant Mortality in Fifty large Town Districts. (Table 39.—Prel.)	lxxxiii
Population, Births, Deaths; Birth and Death Rates; Temperature and Rainfall, in London and Twenty-two large Towns of the United Kingdom. (Table 40.—Prel.)	lxxxiv
Proximity of the People in Foreign and British Towns. (Table C., D.—App.)	238
Provision of Parks in the Great Towns; their Area, Uses, Cost, &c.	239-246
Proportion of Area and Population to one acre of Park. (Table.)	245
Deaths from Zymotic Causes, and Mortality in Twenty large English Towns. (Tables 19-20.—App.)	273
Deaths and Mortality in Twenty large English Towns 1870-77, from Seven Zymotic Diseases; from Small-pox, Measles, Scarlet Fever, Diphtheria, Whooping-cough, Fever, and Diarrhoea. (Tables 21-28.—App.)	274-277
Causes of Death of Children under One Year of Age in 15 English Towns. (Table 29.—App.)	278
Index of certain Towns whose names differ from those of the District and Sub-district in which they are respectively situated	299-300
TYPHUS. (See FEVER.)	

	PAGES
UNITED KINGDOM; Emigration	vi-ix
Estimated Population, Mortality, &c. of	xxxiii
Area, Estimated Population, Marriages, Births, and Deaths. (Table 52.—Prel.)	xcv
Density, and Proportion, per 1000, of Marriages, Births, and Deaths to the Population. (Table 53.—Prel.)	xcv
Emigration in each of the Years 1815-77, distinguishing Destina- tion. (Table 55.—Prel.)	xcvii
Emigration, distinguishing the Destination, Sex, Age, Condition, Occupation, and Nationality of the Emigrants. (Tables 56, 57. —Prel.)	xcviii-xcix
Estimated Population of both Sexes, distinguishing England, Scot- land, and Ireland, in the middle of each of the Years 1801-79, excluding the Islands in the British Seas, the Army, Navy, and Merchant Seamen Abroad. (Table 69.—Prel.)	cvi-cvii
Estimated Population of both Sexes (including the Islands in the British Seas, the Army, Navy, and Merchant Seamen Abroad) in the middle of the Years 1801, 1811, 1821, 1831, 1841, 1851, 1861, and 1871, and the Logarithms of the same. (Tables 70, 71.—Prel.)	cviii
URINARY ORGANS. (See CAUSES of DEATH. Tables, pp. 146-185.)	227
VIOLENT DEATHS	198-221
of Males and Females in England at different Ages	198-204
of Males and Females in each of the Eleven Divisions	205-211
from Suicide, Murder, and Manslaughter	212-221
in 1877, Remarks on	227-229
from Suicide, Homicide, and Accident in Italy and in Eleven other European Countries	229-230
WEATHER. (See METEOROLOGY.)	
WHEAT; Price of; effect upon the Marriage Rate	xii-xiii
Average Price of, 1852 to 1877, and each Quarter, 1868-1877. (Table 36.—Prel.)	lxxx
Average Price per Quarter; Quantity imported for Home Con- sumption; and Quantity per 100 of the Population, in each year 1839-77. (Table 85.—Prel.)	cxvi-cxix
WHOOPIING-COUGH; Deaths and Mortality from, in 20 Large Towns, 1870-77. (Table 26.—App.)	276
WILLS; Calendars of, kept at the General Register Office, where searches may be made	xxxvii
Probates and Letters of Administration granted; mean and aggre- gate values	xxxvi
ZYMOTIC DISEASES; Death-rates from Seven Zymotic Diseases in Fifty large Town Districts 1871-77. (Tables 38, 39.—Prel.)	lxxxii-lxxxiii
Number of Deaths and Mortality from, in the Outer Ring of London. (Table 44.—Prel.)	lxxxvii
Remarks on	225-226
Deaths from, at different Ages in England	146-149
" " " " London	156-159
" " Divisions and Counties	162-165, 168-179
" " several, and from certain other causes, in Divisions, Counties, and Districts	186-197
" " in England, in each Year, 1850-77. (Table 1.—App.)	248-251
" " to 1,000,000 Persons living in each Year 1862-1877. (Table 2.—App.)	254-255
" " Proportional Number in 1,000,000 Deaths from specified Causes in 1877. (Table 3.—App.)	257

	PAGES
ZYMOTIC DISEASES—continued.	
Mean annual rate of mortality from, during 25 years, Five Quin- queniads, and in 1875, 1876, and 1877. (Table 4.—App.)	258-259
Death-rates from, and from certain other Diseases in Counties. (Table 6.—App.)	263
Deaths, and Death-rates from, in Twenty of the largest English Towns 1870-77. (Tables 19-21.—App.)	273-274
(See also under names of several Zymotic Diseases.)	

LONDON:
Printed by GEORGE E. EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty.
For Her Majesty's Stationery Office.

- 4 JUN 1962 P.T.



RE