FIFTEENTH ANNUAL REPORT

OF THE

REGISTRAR-GENERAL

OF

BIRTHS, DEATHS, AND MARRIAGES

IN ENGLAND.

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REPORT

TO

The Right Honourable SIR GEORGE GREY, Bart., G.C.B., Her Majesty's Principal Secretary of State for the Home Department, &c. &c.

SIR.

General Register Office, 30th August 1855.

I have the honour to submit to you the detailed Abstracts, for the year 1852, of the Marriages, Births, and Deaths, which have been already laid before Parliament in a compendious form.

Table I.—Estimated Population, Number of Marriages, Births, and Deaths registered in England in each Year from 1838 to 1852.

Years ended Dec. 31st.	Estimated POPULATION in England in the Middle of the Years.*	Marriages.	PERSONS Married.	BIRTHS (exclusive of Still-born).	DEATHS.	Excess of Births over Deaths.
1838	15,812,256	118067	236134	463787	342760	121027
1839	15,515,296	123166	246332	492574	338984	153590
1840	15,721,029	122665	245330	502303	359687	142616
1841	15,929,492	122496	244992	512158	343847	168311
1842	16,123,793	118825	237650	517739	349519	168220
1843	16,320,479	123818	247636	527325	346445	180880
1844	16,519,565	132249	264498	540763	356933	183630
1845	16,721,081	143743	287486	543521	349366	194155
1846	16,925,051	145664	291328	572625	390315	182310
1847	17,131,512	135845	271690	539965	423304	116661
1848	17,340,492	138230	276460	563059	399833	163226
1849	17,552,020	141883	283766	578159	440839	137320
1850	17,766,129	152744	305488	593422	368995	224427
1851	17,982,849	154206	308412	615865	395396	220469
1852	18,205,627	158782	317564	624012	407135	216877

^{*} The Population has been deduced on the assumption that the annual rate of increase was uniform; viz. I 220 per cent. in each of the 10 years 1841-51, and I 326 per cent. in each of the 3 years 1838-40. For 1852 the increase of Population has been obtained by taking the excess of births over deaths in the four quarters ending June 30th, 1852.

Table II.—Proportion of Marriages, Births, and Deaths to the Population of England.

Years ended	1 10 1 10 1	To 100 Persons	s living.	not goods.	The Number of Persons living.						
22 5	MARRIAGES.	PERSONS MARRIED.	BIRTHS.	DEATHS.	To one Marriage.	To one Person Married.	To one Birth.	To one Death.			
1838	.771	1:542	3·029	2·238	130	65	33	45			
1839	.794	1:588	3·175	2·185	126	63	31	46			
1840	.780	1:560	3·195	2·288	128	64	31	44			
1841	*769	1.538	3·215	2.159	130	65	31	46			
1842	*737	1.474	3·211	2.168	136	68	31	46			
1843	*759	1.518	3·231	2.123	132	66	31	47			
1844	*801	1.602	3·273	2.161	125	62	31	46			
1845	*860	1.720	3·251	2.089	116	58	31	48			
1846	*861	1.722	3·383	2*306	116	58	30	43			
1847	*793	1.586	3·152	2*471	126	63	32	40			
1848	*797	1.594	3·247	2*306	125	63	31	43			
1849	*808	1.616	3·294	2*512	124	62	30	40			
1850	*860	1.720	3·340	2*077	116	58	30	48			
1851	*858	1:716	3·425	2·199	117	58	29	45			
1852	*872	1:744	3·428	2·236	115	57	29				
Mean .	*808	1.616	3.257	2.235	124	62	31	45			

Note.—By disregarding the decimal points the Table will show the proportion to every 100,000 persons living.

A correction for increase of population has been made in calculating the above results.

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The tables and the calculations are nearly of the same nature as those which were in my Report for the previous year.

1852 was a prosperous year; and the price of provisions was low until after harvest, when the price of wheat rose, and potatoes, which are consumed so largely by people of all classes and ages, became dear.

317,564 persons were married; 624,012 children were born; 407,135 deaths were registered, in the year 1852.

The rate of marriage was 1.744, of birth 3.428, of death 2.236 per cent. on the population; or, in other terms, but less exactly, there was one person married to 57 living, one birth to 29 living, and one death to 45 living. The rates of marriage and of birth greatly exceeded the average. The mortality was at the average rate.

MARRIAGES.

158,782 marriages were celebrated in the year. The increase in the rate of marriage is evident on comparing this number with the 118,067 marriages in 1838. The increase, it will be seen, in fourteen years is in the proportion of four to three. (Tables I., II.)

133,882 of the marriages were performed according to the rites of the Established Church; in 19,469, or one-seventh of the cases, marriage it is

Table III.—Marriages registered in England in each Year from 1841 to 1852.

	Accor	ding to	the Rite Chui	es of the	e Esta	blished		Not	accordi Estab	ng to lishe	the R	ites of t	the	
YEARS ending 31st December	Special Licence.	Licence.	Banns.	Superintendent Registrar's Certificate.	Not stated.	Total.	То	tal.	Roman, Catholics.	Other Christian pegin	Superintendent Registrar's Office.	Quakers.	Jews.	TOTAL MARRIAGES.
1841 1842 1843	13 9 8	15792 14935 14544	78015 75744 79849	972 944 1222	19579 18415 18014	114371 110047 113637	8	8125 8778 0181	588 620 715	0	2064 2357 2817	58 61	113 163 151	122496 118825 123818
1844 1845 1846 1847 1848 1849	10 10 14 14 13 18	14930 16013 17135 17052 16896 16697	85176 92867 92995 84863 86519 90644	1558 1706 1862 1968 2170 2593	18335 18919 18503 16979 15871 13230	120009 129518 130509 120876 121469 123189		2240 4228 5155 4969 6761 8701	2280 2816 3027 2961 3658 4199 5623	6284 7181 7669 7483 8060 8662 9626	4258 4790 5558	74 68 8 83 0 67 8 53	175 180 224 184 186 229 260	132249 143743 145664 135845 138230 141883 152744
1850 1851 1852	8 8 8	17413 17781 19461	98669 99406 106497	3136 3351 3610	11733 10412 4306	13095 13095 13388	3 2	1785 3248 4900	6570 7479	9540 10017	6818	65 57	260 247 arriage I	154206 158782
emily by all the second	M	arriages bet	contra ween	cted	Re	-marri	ed.	Un	der Ag	e. -	Signed	with 3	Marks.	register
YEARS ending 31st December	Bachelors and Spinsters.	Bachelors and Widows.	Widowers and Spinsters.	Widowers and Widows.	Widowors	• • • • • • • • • • • • • • • • • • • •	Widows.	Men.	Women.		Men.	Women.	Marriages in which both Signed.	Marriages in which one Signed.
1841	11953 12132 11257 11328 11613	4 5997 6 5705 4 5920	1183 1221 1166 1270 1315	2 613 7 589 2 632	1 16 16 1 18 1 18 7 17 4 19	305 1 941 1 176 3 343 1 564 1 026 3		536 538 551 551 628 631 555 609 665	$egin{array}{cccc} 7 & 160 \\ 1 & 164 \\ 5 & 174 \\ 7 & 198 \\ 3 & 200 \\ 6 & 181 \\ 2 & 194 \\ \hline \end{array}$	003 103 110 276 001 118 136	39954 38031 40520 42912 47665 47488 42429 43166 44027	59680 56965 60715 65073 71229 70145 61877 62771 65135		3906
1849 1850 1851 1852	12403 12601 13067	1 6575 8 6625	1455	8 758 3 725	$\begin{array}{c c} 0 & 22 \\ 0 & 21 \end{array}$	138 563	14155 13875 14066	745 773 855	3 231 7 245	286	47572 47439 48421	70606 69812 70772	36186 36636	4487 4592

stated was by licence or special licence, in 106,497 instances after banns. and in 3610 instances on superintendent registrars certificates. It is gratifying to observe that the clergy generally say whether the marriage was celebrated after banns or by licence; still in this year the point is left unrecorded in 4306 instances.

Marriages.

The marriages performed not according to the rites of the Established Church were 12,240 in the year 1844, and 24,000 in the year 1852; and of these numbers 2280 and 7470 were in the registered places of Roman Catholics. The Roman Catholic marriages have thus increased more than threefold in eight years. 7100 marriages took place in superintendent registrars offices. 57 marriages of Quakers, 247 marriages of Jews, were registered.

Conjugal condition of persons married. — 130,672 marriages were contracted between bachelors and spinsters, 6696 between bachelors and widows, 14,044 between widowers and spinsters, and 7370 between widowers and widows; consequently 21,414 widowers and 14,066 widows married in the year. Of 100 men who married 13.49 were widowers, of 100 women 11.18 were widows.

Minors.—8551, or 5.39 per cent., of the men; 26978, or 16.99, of the women, were under age. The proportion of minors of both sexes was 11'19 per cent. in 1852, and 8.83 in 1841.

Signatures of the persons married.—48,421 men, and 70,772 women, signed the marriage register by making marks; in 36,636 instances both parties signed with marks; in 45,921 instances one party signed with a mark; and one wrote his or her name. It is gratifying to find that the proportional numbers of men and women who write their names is increasing; still, however, 30.5 per cent. of the men, and 44.6 per cent. of the women, sign with marks. And in several counties more than half of the women are unable to write their names. (Tables III., 1V., V.)

Registered Places for Marriages.—At the close of the year 3340 buildings were registered for the solemnization of marriages. (Table VI.)

Table IV.—Marriages. The Proportion per Cent. of Minors of each Sex, of Males and Females who signed the Register with Marks, and of Persons who were Widowers

		To 100 Married.												
YEARS ended		coportion un ears of Age	signed th	Proportion e Marriage with Marks	Register	The Proportion who were								
31st December	Males.	Females.	Mean.	Males.	Females.	Mean.	Widowers.	Mean.	Widows					
1841 1842 1843 1844 1845	4·38 4·53 4·45 4·17 4·37	13·29 13·47 13·25 13·16 13·48	8.83 9.00 8.85 8.67 8.93	32.7 32.0 32.7 32.4 33.2	48.8 47.9 49.0 49.2 49.6	40.8 40.0 40.9 40.8 41.4	*12.30 13.14 13.17 12.81 12.64	*8.99 8.90 8.73 8.46 8.60	*10.95 11.02 10.95 10.63 10.62					
1846 1847 1848 1849 1850	4·33 4·09 4·41 4·69 4·88	13.73 13.34 14.06 14.88 15.13	9.03 8.72 9.24 9.79 10.01	32.6 31.2 31.0 31.1	48°2 45°5 45°4 45°9 46°2	40.4 38.4 38.3 38.5 38.7	12.59 12.93 13.76 13.85 14.49	8:33 8:54 8:86 8:88 9:27	10°46 10°74 11°31 11°37 11°88					
1851 1852	5·02 5·39	15.75 16.99	10.39 11.19	30.8	45·3 44·6	38°1 37°6	13.98 13.49	9.00 8.86	11.48					

^{*} The proportion of Widowers and Widows in the Year 1841 is for the September and December quarters only.

BIRTHS.

The births were in the proportion of 3.428 in 100 of the population Of the 624,012 children whose births were registered 319,050 were boys, 304,962 were girls; so to every 1000 girls 1046 boys were born.

Seasons.—Births occur in all seasons and on every day of the year. In England during the year 1852 the number of births was on an average

Table V.—ENGLAND. Marriages.—Proportional Number of Marriages in the several Counties of England during the Year 1852; of Persons who signed their Names; of Persons not of full Age; and of the Re-marriages of Widowers and Widows.

		100		d their	Parson	s not of	Re-marriages.		
AMULA.	REGISTRATION COUNTIES.	s to		mes riting.		Age.	Widowers.	Widows	
2947 2947		Marriages to Inhabitants.	Of 100 Men Married.	Of 100 Women Married.	In 100 Men Married.	In 100 Women Married.	In 100 Men Married.	In 100 Women Married	
	ENGLAND	872	69.5	55.4	5.39	16.99	13.49	8:86	
	I.—London	1.094	86.9	77.4	2.61	11.95	13.54	9 35	
No.	II.—South Eastern Counties.			0				1.5	
1 2 3 4 5	Surrey (extra-metropolitan)	*618 *757 *726 *844 *685	68.7 71.1 73.3 72.2 61.8	73:4 65:7 71:9 68:7 61:4	2:52 3:51 4:43 3:19 4:62	13.77 16.63 18.37 14.31 14.01	13.53 11.41 11.62 12.23 14.08	7.63 8.60 7.27 9.17 9.53	
6 7 8 9 10 11 12 13	III.—South Midland Counties. Middlesex (extra-metropolitan) — Hertfordshire — — — — Buckinghamshire — — — — Oxfordshire — — — — Huntingdonshire — — — — Cambridgeshire — — — —	*570 *569 *731 *675 *819 *707 *773 *688	71.5 53.7 60.3 66.6 67.3 57.5 54.8 60.9	74·7 53·5 51·9 63·0 57·9 56·3 42·9 55·6	4·38 7·23 10·31 5·06 8·31 8·05 12·29 7·73	14.40 21.31 21.74 16.37 22.22 26.67 28.88 21.92	11.06 10.90 16.21 13.80 12.57 12.41 14.54 12.85	7·95 5·35 6·94 7·71 7·86 7·13 6·44 7·65	
14 15 16	IV.—EASTERN COUNTIES. Essex	·604 ·681 ·762	55.3 56.3 57.5	56.6 55.2 56.8	6.43 5.16 5.78	20:44 16:51 15:09	13.77 12.25 13.06	8*47 6*88 8*26	
17 18 19 20 21	V.—SOUTH WESTERN COUNTIES. Wiltshire	*679 *770 *818 *798 *767	60.7 65.8 73.0 65.1 65.6	56:4 62:9 63:5 48:6 59:5	6.74 6.35 2.95 4.33 6.12	15.95 14.87 10.98 14.37 12.81	15.29 13.00 11.98 9.94 14.08	7:34 6:21 8:43 6:79 7:36	
22 23 24 25 26 27	VI.—WEST MIDLAND COUNTIES. Gloucestershire	*869 *669 *680 *947 *879 *974	72.9 57.8 60.2 55.6 65.1 70.0	64·4 58·2 49·8 39·9 54·4 57·2	5'47 2'54 3'98 8'34 5'84 6'28	13:70 11:19 12:65 23:97 18:12 19:25	14.88 10.45 12.29 13.77 11.51 14.65	8.97 7.91 8.19 10.59 8.48 10.36	
28 29 30	VII.—NORTH MIDLAND COUNTIES. Leicestershire Rutlandshire Lincolnshire	*833 *660 *709	70°1 70°6 70°2	56.7 73.6 60.7	7·93 1·23 4·26	20·48 16·56 17·56	14.01 11.04 11.81	7.83 6.13 7.65	
31 32	Nottinghamshire	·921 ·847	68.7	51.5	7·40 5·96	19.95 17.44	14.04	8.41	
33 34	VIII.—North Western Counties. Cheshire Lancashire	1855 1:062	67·2 64·9	43·8 37·6	4·76 7·17	14.80 19.93	15.24 14.46	9.01	
35 36 37	IX.—YORKSHIRE. West Riding East Riding (with York) North Riding	.961 .969 .717	67:1 78:1 78:5	41.6 62.5 68.3	7.84 5.64 2.68	24·48 18·19 12·39	14.52 13.67 11.69	9·24 9·08 5·92	
38 39 40 41	X.—Northern Counties. Durham	*886 *766 *561 *667	71.7 79.7 84.5 85.1	53.5 60.8 68.1 77.5	5°12 4°57 3°85 3°54	21·02 15·35 12·63 8·35	13·03 11·97 9·68 9·37	9°09 8°37 5°02 5°06	
42 43	XI.—Monmouthshire and Wales. Monmouthshire South Wales North Wales	*850 *812 *668	51·3 56·1 55·7	39°2 31°8 34°7	4·83 4·96 2·67	16·20 13·53 9·43	13.00 13.25 14.80	11·17 8·45 8·53	

1710 daily. We have only the means of showing in the present abstracts the quarterly variations in the rate of birth; which, taking the average rate as the unit (1.000), was 1.037 in the first quarter, 1.019 in the second quarter, 969 in the third quarter, and 974 in the fourth quarter of the year. The proportions vary in the several parts; thus in North Wales and in Monmouthshire, in the North Riding and the East Riding of Yorkshire, the births in the winter quarter are below, in the spring quarter above, the average. (Table VIII.)

Births out of Wedlock.—42,482 children were born out of wedlock, or 6.8 in 100 children born. One in 15 children of England and Wales

Table VI.—Number of Buildings registered in England and Wales for the Solemnization of Marriages to 31st December 1852.

		RESI	NS.			in Comment of		v	VESL	EYA	n Me	тно	DIST	s.	CALVI	NISTIC ODISTS.	J. 12	
COUNTY.	Church of Scotland.	United Presbyterians.	Presbyterian Church in England and Unitarians.	Independents.	Baptists.	Moravians.	Roman Catholics.	Original Connexion.	New Connexion.	Primitive Methodists.	Wesleyan Methodist Association.	Independent Methodists.	Wesleyan Reformers.	All others.	Welsh Calvinistic Me- thodists.	Countess of Hunting-don's Connexion.	Residue.	TOTAL.
TOTAL in ENGLAND and WALES	29	27	175	1216	774	3	391	361	43	74	40	4	107	10	66	31	96	3340
ENGLAND. Bedford - Berks - Bucks - Cambridge - Chester - Cornwall - Cumberland - Derby - Dorset - Durham - Essex - Gloucester - Hertford - Hertford - Hertford - Huntingdon - Kent - Lancaster - Lincoln - Middlesex - Monmouth - Northumberland Nottingham - Oxford - Rutland - Salop - Somerset - Southampton - Stafford - Suffolk - Surrey - Sussex - Warwick - Westmorland - Wilts - Worcester - York	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-2 -110 -4 3 13 4 6 -3 -1 -1 4 34 2 2 9 -4 111 2 1 -1 7 2 4 4 3 3 4 4 4 2 2 5 14	99 100 200 188 244 77 100 211 499 24 133 466 39 55 233 84 434 900 17 13 17 23 88 11 11 10 22 11 10 21 11 21 21 21 21 21 21 21 21 21 21 21	18 10 14 25 7 4 -11 127 5 4 4 17 10 36 20 18 31 33 35 36 20 18 31 32 5 24 4 5 5 15 5 7 10 10 10 10 10 10 10 10 10 10 10 10 10	111111111111111111111111111111111111111	1 5 5 2 1 9 5 4 4 7 4 6 6 17 6 6 7 2 1 1 - 10 91 8 6 6 22 8 8 6 2 12 4 6 6 - 8 5 9 9 24 4 6 6 3 14 1 2 9 9 48	75 1 4 9 21 4 7 15 6 6 13 9 8 2 - 1 12 35 7 7 15 10 2 13 4 4 5 5 5 4 4 - 1 14 6 6 16 1 14 6 6 16 1 4 6 1	10 1 - 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1111-21114-25-138-511166-211-511122138-12	3 8 2 2 2 2 1 1 1 1 1 1 1 1 6	1 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3+1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	37 34 38 50 72 50 28 54 122 47 70 81 103 20 36 15 102 845 54 60 188 75 75 54 46 102 74 89 63 65 57 68 10 62 45 30 76 81 81 81 81 81 81 81 81 81 81 81 81 81
WALES. Anglesey		11111111111	1 1 1	1 15 19 49 11 7 5 38 9 16 23 1	1 12 7 18 2 5 1 32 2 6 21 3	11111111111	111133	1 1 1 1 1 1 1 3 2	11111111111		Tripringing	11111111111	11111111111	THE REPORT OF	1 3 6 2 10 11 3 4 12 7 4	1	PERTIFICION.	3 31 37 71 24 25 11 80 24 32 50 5

Note.—This return is for the Counties proper, and not for the "Registration Counties."

was born out of wedlock. The proportions varied in the several counties from 4.8 per cent. in Monmouthshire to 11.4 in Norfolk. (Table VII.)

Twins.—In 6036 cases women bore two living children at a birth; in 37 cases three living children. So 12,072 of the children were twins, 111 were triplets.

The occupations of the fathers of the triple births are shown in the Table of Abstracts, p. 84. It will be noticed that in 15 cases the triple

TABLE VII.—ENGLAND. BIRTHS, 1852.—Number and Proportion of Male and Female Children born in and out of Wedlock.

Female Children born in and out of Wedlock.											
61	REGISTRATION COUNTIES.	Male Children born.	Female Children born.	Bor. Wed	lock.	Born Wed	lock.	Males born to every 100 Females born.	TALES born in Wed- lock to every 100 FEMALES so born.	MALES born out of Wedlock to every 100 FEMALES so born.	CHILDREN born out of Wedlock to every 100 Births.
		Male	Fema	Males.	Females.	Males.	Females.	MAL 100	MALES lock trema	MAL We FE	CHIL
1	ENGLAND	319050	304962	297316	284214	21734	20748	104.6	104.6	104.8	6.8
	I.—London	41388	39862	39661	38235	1727	1627	103.8	103.7	106.1	4.1
No. 1 2 3 4 5	II.—SOUTH EASTERN COUNTIES. Surrey (extra-metropolitan) Kent (extra-metropolitan) Sussex Hampshire Berkshire	3169 8117 5550 6578 3126	2970 7931 5432 6273 3159	3009 7574 5155 6139 2864	2813 7408 5059 5842 '2925	160 543 395 439 262	157 523 373 431 234	106.7 102.3 102.2 104.9 99.0	107:0 102:2 101:9 105:1 97:9	101 · 9 103 · 8 105 · 9 101 · 9 112 · 0	5·2 6·6 7·0 6·8 7·9
6 7 8 9 10 11 12 13	Middlesex (extra-metropolitan) — Hertfordshire — — — — — Buckinghamshire — — — — — Oxfordshire — — — — — Northamptonshire — — — — — Huntingdonshire — — — — Bedfordshire — — — — —	2339 2828 2511 2941 3791 985 2425 3414	2286 2754 2359 2788 3652 1032 2326 3212	2233 2598 2335 2703 3548 917 2213 3157	2172 2553 2162 2568 3416 973 2151 2976	106 230 176 238 243 68 212 257	114 201 197 220 236 59 175 236	102:3 102:7 106:4 105:5 103:8 95:4 104:3 106:3	102.8 101.8 108.0 105.3 103.9 94.2 102.9 106.1	93.0 114.4 89.3 108.2 103.0 115.8 121.1 108.9	4·8 7·7 7·7 8·0 6·4 6·3 8·1 7·4
14 15 16	IV.—EASTERN COUNTIES. Essex	5704 5589 7208	5498 5385 6822	5316 5127 6386	5094 4961 6042	388 462 822	404 424 780	103.7 103.8 105.7	104·4 103·3 105·7	.96.0 109.0 105.4	7:1 8:1 11:4
17 18 19 20 21	V.—South Western Counties. Wiltshire	3883 2879 9110 6185 7344	3803 2732 8483 5959 6911	3588 2680 8593 5843 6857	3530 2525 7999 5666 6413	295 199 517 342 487	273 207 484 293 498	102·1 105·4 107·4 103·8 106·3	101.6 106.1 107.4 103.1 106.9	108·1 96·1 106·8 116·7 97·8	7·4 7·2 5·7 5·2 6·9
22 23 24 25 26 27	VI.—WEST MIDLAND COUNTIES. Gloucestershire	6768 1508 3628 13271 4492 9571	6595 1419 3434 12712 4289 9156	6354 1353 3258 12389 4179 9031	6181 1265 3125 11851 3972 8592	414 155 370 882 313 540	414 154 309 861 317 564	102.6 106.3 105.6 104.4 104.7 104.5	102·8 107·0 104·3 104·5 105·2 105·1	100·0 100·6 119·7 102·4 98·7 95·7	6:2 10:6 9:6 6:7 7:2 5:9
28 29 30 31 32	VII.—NORTH MIDLAND COUNTIES. Leicestershire	4272 355 6696	4019 343 6393 5079 4420		3676 323 5918 4601 4060	337 20 529 499 372	475	106·3 103·5 104·7 103·1 108·3	103·7 104·2 103·0	100.0	5·7 7·7 9·5
33 34	VIII.—NORTH WESTERN COUNTIES Cheshire		7152 39421		6576 36678	638 2908		105.0 105.5			
35 36 37	IX.—YORKSHIRE. West Riding		3960			333	305	102·7 110·0 102·2	110.1	109.2	7.7
38 39 40 41	X.—NORTHERN COUNTIES. Durham	5408 3263 882	5050 3177	4998 2914	4650 2837	410 349	400 340	102.7	107.5	102.5	7.7
42 43 44		3095	9802	9682	9106	773	696	106.7	106.8	1111.1	7.3

births consisted of three boys, in 10 cases of three girls, in 7 cases of two boys and one girl, in 5 cases of two girls and one boy. It is evident that in these cases the boys preponderate, and that the cases in which the children are of the same sex occur in undue proportion; for, instead of being in the proportion of 15, 10, 7, and 5, the above numbers would have been in the proportion of 3, 3, 1, and 1, had the theoretical probabilities not been interfered with by a natural law tending to create children of the

Table VIII.—ENGLAND. Births 1852.—Proportional Number of Births registered in each Registration County in the Year 1852, and in each Season of the Year, or the Number of Births in each Quarter to 1000 Births in the Average Quarter.

		BIRTHS	Pı	coportional N	Number of B	irths register	red.
	REGISTRATION COUNTIES.	to 100 Persons living.	In the AVERAGE QUARTER assumed to be 1000.	In the FIRST QUARTER ending March 31.	In the SECOND QUARTER ending June 30.	In the THIRD QUARTER ending Sept. 30.	In the FOURTH QUARTER ending Dec. 31.
	ENGLAND	3.428	1000	1037	1019	969	974
	I.—London	3.357	1000	1039	975	980	1007
To. 1 2 3 4 5	II.—SOUTH EASTERN COUNTIES. Surrey (extra-metropolitan) Kent (extra-metropolitan) Sussex Hampshire Berkshire	2·987 3·253 3·186 3·150 3·111	1000 1000 1000 1000 1000	1026 1052 1011 1031 1070	994 974 976 1008 986	948 969 973 961 960	1032 1005 1041 1000 983
6 7 8 9 10 11 12 13	Middlesex (extra-metropolitan) — Hertfordshire — — — — — Buckinghamshire — — — — Oxfordshire — — — — Northamptonshire — — — — Huntingdonshire — — — — Bedfordshire — — — — Cambridgeshire — — — —	3·035 3·150 3·335 3·313 3·419 3·277 3·583 3·388	1000 1000 1000 1000 1000 1000 1000 100	1009 1059 1064 1062 1026 1118 1054 1052	966 1005 1058 994 1028 1047 982 1059	1015 959 927 988 968 1011 951 944	1009 977 951 957 978 823 1012 945
14 15 16	IV.—EASTERN COUNTIES. Essex	3·199 3·212 3·188	1000 1000 1000	1067 1062 1077	1035 1095 1041	940 908 935	958 935 947
17 18 19 20 21	V.—SOUTH WESTERN COUNTIES. Wiltshire	3·144 3·121 3·035 3·355 3·084	1000 1000 1000 1000 1000	1070 1019 1037 1077 1017	1027 1006 1027 1049 1055	927 958 929 926 991	976 1017 1008 948 937
22 23 24 25 26 27	VI.—WEST MIDLAND COUNTIES. Gloucestershire	2.921 2.852 4.032 3.338	1000 1000 1000 1000 1000 1000	1078 1024 1007 1076 1060 1039	1002 978 1069 1032 975 1021	984 1003 958 942 980 956	990 995 966 951 985 984
28 29 30 31 32	Lincolnshire	3·467 2·825 3·213 3·446	1000 1000	1075 1003 1031 1052 1015	1020 1014 971 993 1046	956 900 1019 975 995	949 1083 979 980 944
33 34		1 0 100		1049 1034	1078 1040	964 968	909 958
35 36 37	East Riding (with York)	3·915 3·223 3·168	1000	1009 987 987	1010 1022 1062	1006 1003 990	975 988 961
38 39 40 41	X.—NORTHERN COUNTIES. Durham	3 · 933 - 3 · 386 - 3 · 238 - 2 · 921	1000	1010 1025 1067 1047	999 1019 1004 992	983 977 952 929	1008 979 977 1031
45 45 44	XI.—Monmouthshire And Wales Monmouthshire	3·386 - 3·286 - 2·852	1000	984 1032 982	1089 1058 1090	942 994 988	984 916 941

same sex at one birth. Thus, in accordance with the doctrine of chances, the cases of twins in which both children are boys, or both are girls, should be equal in number to the cases in which the children are of different sexes; instead of which, in 3587 instances the children were of the same sex, and in only 2159 of different sexes.

call to mention or many or part of DEATHS.

Sex.—407,135 deaths were registered in the year 1852, and of that number 207,042 were males, 200,093 were females. Thus to every 100 females, 103 males died; but the corrected relative mortality is 100 females to 108 males, inasmuch as the number of females living in England is greater than the number of males. The range in the relative mortality of the two sexes was 106 to 109 in the 15 years.

The annual rate of mortality among males was 2.320, females 2.156, on every 100 of each sex living; the average rates during 15 years having been 2.315, and 2.154. The mortality of the whole population of both sexes was at the rate of 2.236 per cent. in 1852; while on the average of the 15 years the mortality was 2.235. (Table X.)

TABLE IX.—BIRTHS registered in each Quarter of the Years 1838 to 1852.

10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	March.	June.	September.	December.
1838	113815	121781	114734	113457
1839	123543	128806	120115	120110
1840	132305	129059	119822	121117
1841	133720	129884	123868	124686
1842	135615	134096	123296	124732
1843	136837	131279	128161	131048
1844	143578	136941	130078	130166
1845	143080	136853	132369	131219
1846	145108	149450	138718	139349
1847	146453	139072	127173	127267
1848	139736	149760	140359	133204
1849	153772	153693	135223	135471
1850	144551	155865	146911	146095
1851	157286	159073	150594	148912
1852	161803	159031	151222	151956

TABLE X.—ENGLAND. DEATHS.—ANNUAL RATE of MORTALITY of Males and of Females.

152 5/42	1 112		T west	DEATHS.	100 1	Of equal Numbers living,	7 7 N	
\$200 \$200	YEARS.	YEARS. To 100 Males living.		To 100 Females living.	Deaths of Males to 100 Deaths of Females.	the Number of Male Deaths to every 100 Deaths	TITY ON MILE	100
620 626 686	1838 - 1839 - 1840 -	-	2·335 2·275 2·372	2·133 2·090 2·203	105 104 103	109 109 108		
(00g (20)	1841 - 1842 - 1843 - 1844 - 1845 -	1-1-1-1	2·238 2·241 2·202 2·242 2·170	2.083 2.098 2.047 2.083 2.012	103 102 103 103 103	107 107 108 108 108	(1114) (124) (244)	
725 800 100	1846 - 1847 - 1848 - 1849 - 1850 -	-0.4 -0.5 -0.5 -0.5 -0.5	2·395 2·546 2·391 2·581 2·143	2·221 2·380 2·224 2·445 2·013	103 103 103 101 102	108 107 108 106 106	Applika Papilik Segolati	
8001 910	1851 - 1852 -	-(3)	2·276 2·320	2·124 2·156	103	107 108		
Inc	Average of 15 years 1838-52 -	ars, }	2.315	2.154	103	-108	1700 T/	-

The Table may be read thus:—In the year 1838 to every 100 males living there were 2.335 deaths of males; to every 100 females living there were 2.133 deaths of females; and to every 100 females who died there were 105 deaths of males. The last column shows the relative mortality of males and females; and that out of equal numbers living the deaths of males were 109 to every 100 deaths of females in 1838.

Age and sex.—The mortality of males under 5 years of age was at the rate of 7.500 per cent., of females 6.445. Thus the excessive mortality of males at this early period of life, reduces the excessive number of boys born nearly to an equality with the number of girls. At the age 10-15 the mortality of males was only .520, of females .537. After this age the mortality-rate increases gradually up to the age of 55, and then more rapidly; thus at the age 65-75 the mortality-rate of males was 6.284, of females 5.708; at the ages 75-85 the mortality-rate of males was 14.161, of females 13.177 per cent. The mortality at this advanced stage of life becomes so great, that it surpasses the mortality in infancy.

The mortality of 1852 was above the average at the ages under 5 years, and in puberty (10-15), but at all other ages the mortality was below the average. This is probably referable to the prevalence of epidemical diseases affecting particular ages of life. (Table XI.)

These diseases, and the other causes of death in the year, are enumerated in the letter of Dr. Farr, which will be found in the Appendix.

Table XI.—ENGLAND. DEATHS.—Annual Rate of Mortality per Cent. of Males and Females at different Ages.

Years -	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	Average of the Rates of 10 Years
				- Kypty	100000	Con Transport					1843-52.
All Ages -	2.202	2.242	2.170	2.395	2.546	2.391	2.581	2.143	2.276	2:320	2.327
0-	6.898	6.984	6.665	7.760	7.588	7.401	7.513	6.695	7:298	7:500	F.000
5-	*844	*897	*823	*825	•970	1.043	1.124	*814	869	906	7.230
10-	•478	•473	•466	•507	•550	•530	646	•467	•491	•520	912
15-	.772	•763	•781	*859	•929	*858	•951	•717	•776	•799	*513
25-	•924	•940	•926	1.025	1.100	1.026	1.243	.879	•948	968	*821
35-	1.218	1.225	1.202	1.272	1.436	1.303	1.210	1.165	1.236	1.230	•998
45-	1.722	1.750	1.715	1.800	2.065	1.864	2.262	1.716	1.787	1.816	1.287
55-	3.008	3.051	2.975	3.129	3.649	3.266	3.655	2.980	3.031	3.073	1.850
65-	6.578	6.736	6.491	6.758	7.696	6.793	7.244	6.306	6.396	6.284	3.182
75-	14.090	14.651	14.400	15.070	17:326	14.986	15.187	14.019	14.055	14.161	6.728
85-	28.758	31.716	30.191	32.214	35.553	30.622	29.976	28.555	28.245	28.279	14.795
95 & upwds.	45.681	43.228	49.035	51.651	56.607	42.435	42.859	38.560	41.937	43 • 422	30·411 45·542
loso al sco	TARCI	To too	D	EATHS	3 to 100	FEMALE	s living.	(1)	Date.	estringum eU	IIX and
All Ages -	2.047	2.083	2.012	2.221	2.380	2.224	2.445	2.013	2.124	2.156	2.171

All Ages -	2.047	2.083	2.012	2.221	2:380	2.224	2.445	2.013	2:124	2.156	2.171
0-	5.897	5.885	5.657	6.675	6.553	6.396	6.488	5.738	6.299	6.445	6.203
5-	*848	•902	:800	*813	•951	997	1.102	.810	*860	*878	*896
10-	*485	•503	:476	•533	•577	•566	.653	•491	:527	•537	*535
15-	.784	*810	*815	•870	.919	.878	1.000	-777	*818	*834	*851
25-	.976	1.006	•980	1.048	1.173	1.090	1:347	.988	1.005	1.031	1.064
35-	1.227	1.200	1.188	1.242	1.422	1.301	1.617	1.169	1.193	1.214	1.277
45-	1.484	1.525	1:467	1.559	1.789	1.589	1.998	1.473	1.519	1.514	1.592
55-	2.692	2.773	2.668	2.783	3.226	2.860	3.355	2.625	2.679	2.660	2.832
65-	5.877	6.052	5.856	6.156	6.964	6.072	6.596	5.717	5.854	5.708	6.085
75-	13.037	13.494	13:036	13.794	15.945	13.604	14.028	12.684	12.818	13.177	13.562
85-	27.655	28.434	27:569	30.350	32.104	27.623	28.028	25.922	26.357	27 · 427	28.147
95 & upwds.	46.679	44.616	42.036	52.200	53 • 230	46.816	43.323	42.927	45.017	40.676	45.752

The Table may be read thus:—Of 100 Males living of the age of 35 and under 45, 1.218 died in 1843, 1.225 in 1844, 1.202 in 1845, and so on for other years, a correction for increase of Population having been made for each Age at each Year; and the deaths of persons whose ages were not returned have been distributed proportionally over each age. The data upon which this Table is constructed appear in this or have appeared in the previous Reports, and in the Census Report. See Census Report 1851; and the Annual Reports of the Reg.Gen., particularly the 8th and 9th.

Seasons.—Deaths take place every day in England, and the deaths on an average were 1115 daily in the year 1852. The respective numbers in each of the four quarters of the year did not differ considerably; for they were in the proportions of 1.045, .989, .986, and .980, the average being taken as a point of comparison at 1.000. (Tables XII., XIII.)

The mortality-rate in England is now generally highest in the winter and lowest in the summer quarter; and when this order is reversed the cause is some epidemic, such as cholera, which is most fatal in the hot

season of the year.

The rate of mortality exhibits a much more extensive range than the rate of birth; for it was as high as 1.201 in the winter quarter of 1848, and 1.227 in the summer quarter of 1849; as low as .917 in the winter quarter of 1846, and .877 in the summer quarter of 1848.

Great fluctuations almost invariably imply a high rate of mortality, and such an equality in the visitation of mortality as is recorded in this year

may be always regarded as a favourable auspice.

I have the honour to be,
Sir,
Your faithful Servant,
GEORGE GRAHAM,
Registrar-General.

TABLE XII.—DEATHS registered in each Quarter of the Years 1838 to 1852.

	Quarters ending the last day of							
Years.	March.	June.	September.	December.				
1838	98152	90877	72877	80854				
1839	89740	87969	76280	84995				
1840	98896	9 0339	80822	89630				
1841	99069	86134	75440	83204				
1842	96314	86538	82339	84328				
1843	94926	87234	76792	87493				
1844	101024	85337	79708	90864				
1845	104664	89149	74872	80681				
1846	89484	90230	101664	108937				
1847	119672	106718	93435	103479				
1848	120032	99727	87638	92436				
1849	105870	102153	135227	97589				
1850	98430	92871	85849	91845				
1851	105359	99458	91499	99080				
1852	106358	100625	100382	99770				

TABLE XIII.—ENGLAND. DEATHS.—PROPORTIONAL Number of DEATHS in each Quarter to 1000 Deaths in the Average Quarter of each Year.

	Number	Proportional Number of Deaths.							
YEARS.	of Deaths in the Average Quarter.	In the Average Quarter (assumed to be 1000).	First Quarter ending March 31.	Second Quarter ending June 30.	Third Quarter ending Sept. 30.	Fourth Quarter ending Dec. 31.			
1838 1839 1840	85690 84746 89922	1000 1000 1000	1145 1059 1100	1061 1038 1005	850 900 899	944 1003 997			
1841 1842 1843 1844 1845	85962 87380 86611 89233 87342	1000 1000 1000 1000 1000	1152 1102 1096 1132 1198	1002 990 1007 956 1021	878 942 887 893 857	968 965 1010 1018 924			
1846 1847 1848	97579 105826 99958	1000 1000 1000	917 1131 1201	925 1008 998	1042 883 877 1227	1116 978 925 885			
1849 1850	110210 92249	1000	961 1067	927 1007	931	996			
1851 1852	93849 101784	1000	1066 1045	1006 989	926 986	1002 980			