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First Quarter 2013

Commentary

Fig. 1.1 Annual birth, death and natural increase rates per 1,000 population

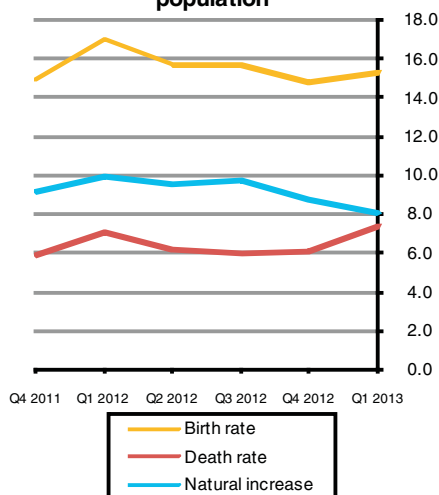


Fig. 1.2 Birth Order Q1 2013

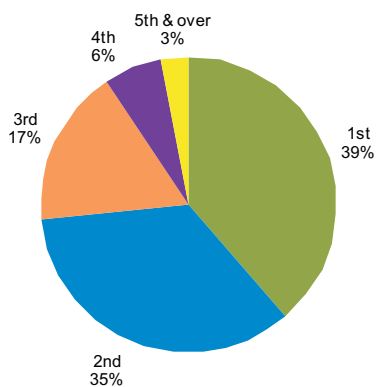
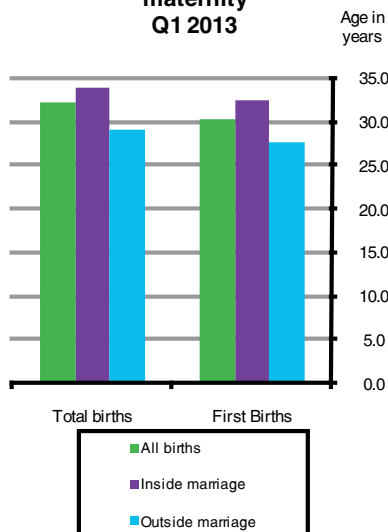


Fig. 1.3 Average age at maternity Q1 2013



This report has been prepared by the Central Statistics Office for the Minister for Social Protection in accordance with the provisions of Section 2 of the Vital Statistics and Births, Deaths and Marriages Registration Act, 1952, Section 73 of the Civil Registration Act 2004 and Government Order SI No. 831 of 2007.

Births

There were 17,563 births registered in quarter 1 of 2013, 8,929 males and 8,634 females. The corresponding total for quarter 1 2012 was 1,750 higher at 19,313 births, while the quarter 1 2008 total was 1,591 higher at 19,154 births. The quarter 1 2013 total is 12.6% higher than in 2004 when 15,599 babies were registered. See tables 1a, 3, 4 and 5.

The 17,563 births represent an annual birth rate of 15.3 per 1,000 of the population, 1.6 below quarter 1 of 2012. This rate is 0.4 per 1,000 population lower than in 2004. See tables 1a, 4, 5 and fig. 1.1.

Birth order

A total of 6,752 births (38.6%) were to first time mothers in quarter 1 of 2013. Second time mothers had 6,099 births (34.9%). First births in the first quarters of 2012 and 2008 accounted for 40.0% and 42.6% of all births, respectively. The number of first births registered in quarter 1 2004 was 6,082 (40.4%). Birth order percentages are calculated using the number of live births with stated parity. See tables 1a, 3, 4, 6 and fig. 1.2.

Age of mothers

The average age of mothers for births registered in quarter 1 2013 was 32.1 years, 0.3 years more than the corresponding figure in quarter 1 2012, 1.0 years more than in quarter 1 2008, and 1.4 years more than in quarter 1 2004. The average age of mothers having their first child in quarter 1 2013 was 30.2 years. See tables 3, 9 and fig. 1.3.

Births within civil partnership

There were 2 births (0.01%) registered as being within civil partnership in quarter 1 2013.

Births outside marriage/civil partnership

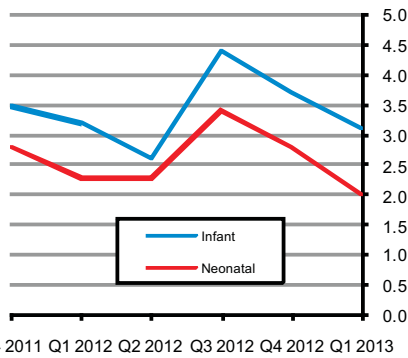
There were 6,406 births registered as outside marriage/civil partnership in quarter 1 of 2013. This accounted for 36.5% of all births, an increase of 0.6 percentage points on quarter 1 2012 and an increase of 2.7 percentage points on quarter 1 2008. The highest percentage of births outside marriage/civil partnership was in Limerick City at 58.1%, while the lowest percentage of births outside marriage/civil partnership was in Leitrim at 21.9%. Ten years earlier, in quarter 1 2004, 5,181 births were registered outside marriage or 33.2% of all births. See tables 1a, 3, 4, 8 and 10.

The average age of mothers at maternity outside of marriage/civil partnership, was 29.1 years. This ranged from 31.3 years in Galway County to 27.2 years in Longford. See table 10.

Deaths

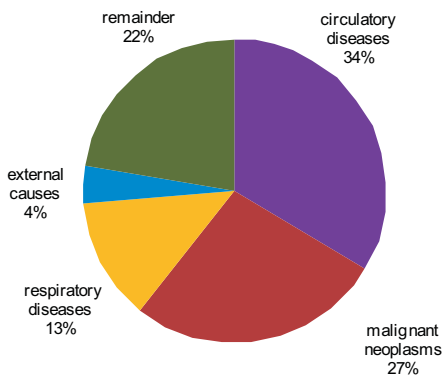
There were 8,347 deaths registered in quarter 1 2013, 4,140 males and 4,207 females. The quarter 1 2013 total is 4.6% higher than in the corresponding quarter of 2012 and 10.9% higher than in quarter 1 2008, when 7,979 and 7,527 deaths were registered respectively. See tables 2a, 3, 12 and fig. 1.1.

Fig. 1.4 Infant and neonatal mortality rates per 1,000 live births



Q4 2011 Q1 2012 Q2 2012 Q3 2012 Q4 2012 Q1 2013

Fig. 1.5 Principal causes of death, Q1 2013



Age at death

There were 55 infant deaths registered in quarter 1 2013 giving an infant mortality rate of 3.1 deaths per 1,000 live births. Neonatal deaths are deaths of infants at ages under 4 weeks. There were 36 neonatal deaths registered in quarter 1 2013, a neonatal mortality rate of 2.0 deaths per 1,000 live births. See tables 3, 4 and fig.1.4.

There were 6,782 deaths of persons aged 65 and over registered in quarter 1 2013. This represents an annual death rate of 49.4 per 1,000 population aged 65 and over and represents an increase of 0.9 when compared with the corresponding quarter of 2012. See tables 3 and 4.

Cause of death

• **Diseases of the Heart and Arteries:**

Diseases of the Circulatory System accounted for 2,797 deaths, or an annual rate of 2.4 per 1,000 population. Of these, 1,329 were due to Ischaemic Heart Disease and 598 to Cerebrovascular Disease. See tables 2, 14 and fig.1.5.

• **Malignant Cancers:**

There were 2,275 deaths from malignant neoplasms. This is equivalent to an annual rate of 2.0 per 1,000 population. See tables 2, 14 and fig.1.5.

• **Lung Diseases:**

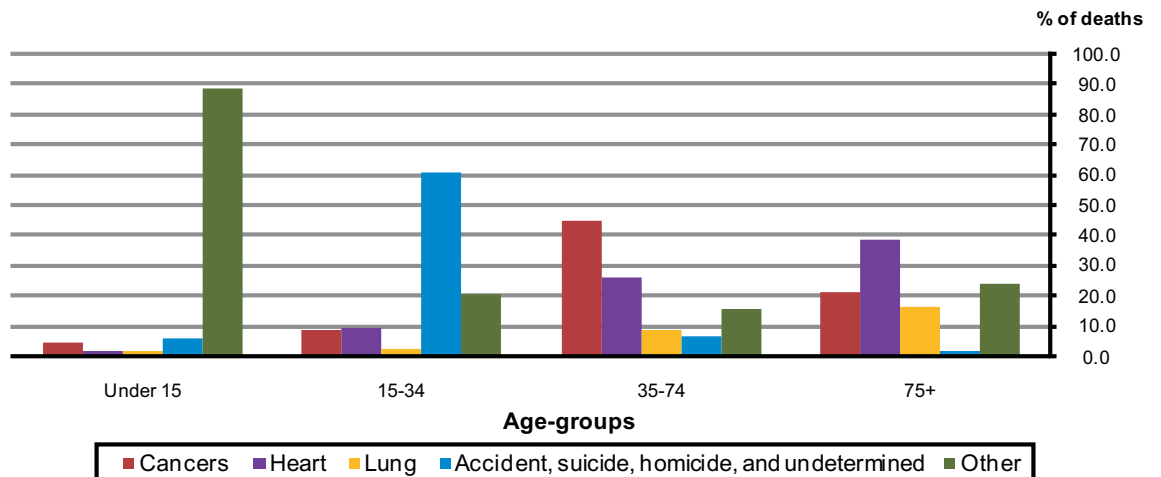
Deaths from pneumonia numbered 294; chronic lower respiratory disease accounted for 564 deaths and 221 deaths resulted from other respiratory diseases. See tables 2, 14 and fig.1.5.

• **Accidents, suicides and other:**

There were 332 deaths due to accidents, suicides and other external causes. Accidents accounted for 60.8% (202) of these deaths, while suicides accounted for 31% (103). Of these 332 deaths, just over 73% were male. See tables 2, 14, 15 and fig.1.5.

The leading cause of death in quarter 1 2013 varied widely by age group. Among young adults aged 15 to 34, external causes of death including accidents, suicide and other ranked first. Among individuals aged 35-74, cancers were the leading cause, while for those aged 75 and older, it was diseases of the heart and arteries. See table 14 and fig.1.6.

Fig. 1.6 Causes of death classified by age-groups, quarter 1 2013



Natural increase

The natural increase in the population (births minus deaths) for quarter 1 2013 was 9,216. This represents a rate of 8.0 per 1,000 population, 1.9 per thousand lower than quarter 1 of 2012. See *tables 3, 4 and fig.1.1*.

Marriages

The number of marriages registered during the quarter was 3,642, equivalent to an annual marriage rate of 3.2 per 1,000 population, 0.7 above the corresponding quarter of 2012. The quarter 1 2013 total is 32.2% higher than in quarter 1 2004 when 2,755 marriages were registered. See *tables 3 and 4*.

Civil Partnerships

Civil Partnership legislation was introduced in Ireland on the 4th January 2011. The number of civil partnerships registered in the first quarter of 2013 was 52. This is equivalent to an annual rate of 0.05 per 1,000 population and is 0.02 per 1,000 population below the rate for the corresponding quarter of 2012. See *tables 1a, 3 and .4*.

Population

The estimated population (usual residence) in April 2012 was 4,585,400.

Tables

Table 1a Marriages, Civil Partnerships and births by quarter, 2008, 2012 and 2013

Event	Q1 2008			Q1 2012			Q4 2012			Q1 2013		
	Number	% of total	Rate ¹	Number	% of total	Rate ¹	Number	% of total	Rate ¹	Number	% of total	Rate ¹
Marriages	3,228	100.0	3.0	2,827	100.0	2.5	5,232	100.0	4.6	3,642	100.0	3.2
Civil Partnerships²	-	-	-	82	100.0	0.07	102	100.0	0.09	52	100.0	0.05
Live Births total	19,154	100.0	17.5	19,313	100.0	16.9	16,969	100.0	14.8	17,563	100.0	15.3
<i>of which;</i>												
inside marriage/CP*	12,674	66.2	11.6	12,384	64.1	10.8	10,968	64.6	9.6	11,157	63.5	9.7
outside marriage/CP*	6,480	33.8	5.9	6,929	35.9	6.1	6,001	35.4	5.2	6,406	36.5	5.6
Sex of child												
Male	9,857	51.5	9.0	9,975	51.6	8.7	8,791	51.8	7.7	8,929	50.8	7.8
Female	9,297	48.5	8.5	9,338	48.4	8.2	8,178	48.2	7.1	8,634	49.2	7.5
Residence of mother												
Border	1,969	10.3	16.3	1,866	9.7	14.5	1,788	10.5	13.8	1,783	10.2	13.8
Midland	1,229	6.4	18.7	1,211	6.3	17.1	1,025	6.0	14.4	1,130	6.4	15.9
West	1,767	9.2	16.7	1,726	8.9	15.7	1,586	9.3	14.4	1,635	9.3	14.8
Dublin	5,320	27.8	17.3	5,769	29.9	18.3	5,030	29.6	15.9	5,021	28.6	15.9
Mid-East	2,652	13.8	21.4	2,498	12.9	18.7	2,157	12.7	16.1	2,280	13.0	17.0
Mid-West	1,583	8.3	17.3	1,525	7.9	16.1	1,323	7.8	14.0	1,362	7.8	14.4
South-East	2,041	10.7	17.2	2,052	10.6	16.4	1,734	10.2	13.9	1,827	10.4	14.6
South-West	2,593	13.5	16.3	2,666	13.8	16.1	2,326	13.7	14.0	2,525	14.4	15.2
Previous no. of liveborn children												
0	8,088	42.2	7.4	7,693	39.8	6.7	6,554	38.6	5.7	6,752	38.4	5.9
1	6,012	31.4	5.5	6,610	34.2	5.8	5,852	34.5	5.1	6,099	34.7	5.3
2	3,049	15.9	2.8	3,243	16.8	2.8	3,012	17.8	2.6	3,026	17.2	2.6
3	1,213	6.3	1.1	1,112	5.8	1.0	995	5.9	0.9	1,079	6.1	0.9
4	361	1.9	0.3	348	1.8	0.3	309	1.8	0.3	332	1.9	0.3
5 or more	258	1.3	0.2	233	1.2	0.2	206	1.2	0.2	211	1.2	0.2
Not stated	173	0.9	0.2	74	0.4	0.1	41	0.2	0.0	64	0.4	0.1
Nationality of mother												
Ireland	-	-	-	14,773	76.5	12.9	12,811	75.5	11.2	13,296	75.7	11.6
United Kingdom	-	-	-	394	2.0	0.3	450	2.7	0.4	432	2.5	0.4
Other EU15	-	-	-	256	1.3	0.2	258	1.5	0.2	249	1.4	0.2
Accession states	-	-	-	2,038	10.6	1.8	1,927	11.4	1.7	2,052	11.7	1.8
Other	-	-	-	1,620	8.4	1.4	1,283	7.6	1.1	1,252	7.1	1.1
Not stated	-	-	-	232	1.2	0.2	240	1.4	0.2	282	1.6	0.2
Total	-	-	-	19,313	100.0	16.9	16,969	100.0	14.8	17,563	100.0	15.3

¹ Rate per year per 1,000 population. Rates based on estimated usual residence population for relevant year. Rates for residence of mother are based on census/estimated regional population for relevant year.

² Civil Partnership was introduced in Ireland on 4th January 2011.

* CP denotes "Civil Partnership".

Table 1b Births classified by age of mother at maternity by quarter, 2008, 2012 and 2013 and their corresponding annual age specific (asfr) and total period fertility rates (tpfr)

Age of mother	Q1 2008			Q1 2012			Q4 2012			Q1 2013		
	Number	% of total	Fertility rate	Number	% of total	Fertility rate	Number	% of total	Fertility rate	Number	% of total	Fertility rate
< 20 years	644	3.4	17.6	460	2.4	13.4	389	2.3	11.6	379	2.2	11.3
20-24 years	2,519	13.2	53.9	1,900	9.8	50.7	1,570	9.3	45.1	1,687	9.6	48.5
25-29 years	4,507	23.5	88.6	4,300	22.3	91.6	3,495	20.6	78.7	3,582	20.4	80.6
30-34 years	6,372	33.3	139.6	6,990	36.2	140.9	6,221	36.7	123.8	6,412	36.5	127.6
35-39 years	4,283	22.4	100.2	4,630	24.0	102.3	4,316	25.4	94.4	4,476	25.5	97.9
40-44 years	796	4.2	20.4	966	5.0	23.7	926	5.5	22.2	964	5.5	23.1
45+ years	30	0.2	0.8	54	0.3	1.4	52	0.3	1.3	61	0.3	1.6
Not stated	3	0.0	-	13	0.1	-	0	0.0	-	2	0.0	-
Total	19,154	100.0	2.1	19,313	100.0	2.1	16,969	100.0	1.9	17,563	100.0	2.0

Table 2a Deaths registered by cause of death and by quarter, 2008, 2012 and 2013

Quarter	Malignant Cancers		Diseases of the heart and arteries		Lung diseases		Accidents, Suicides & Others		Other Causes		Total	% of total
		% of total		% of total		% of total		% of total		% of total		
Q1 2013	2,275	27.3	2,797	33.5	1,079	12.9	332	4.0	1,864	22.3	8,347	100.0
Q4 2012	2,044	29.4	2,208	31.7	739	10.6	450	6.5	1,523	21.9	6,964	100.0
Q1 2012	2,343	29.4	2,541	31.8	1,123	14.1	379	4.7	1,593	20.0	7,979	100.0
Q1 2008	2,167	28.8	2,748	36.5	984	13.1	269	3.6	1,359	18.1	7,527	100.0

Table 2b Deaths registered by cause of death, by age and region, First Quarter 2013

Age (years)	Malignant Cancers		Diseases of the heart and arteries		Lung diseases		Accidents, Suicides & Others		Other Causes		Total	% of total
		% of total		% of total		% of total		% of total		% of total		
Persons												
Under 1	1	0.0	-	0.0	-	0.0	-	0.0	54	2.9	55	0.7
1 - 4	1	0.0	1	0.0	-	0.0	2	0.6	8	0.4	12	0.1
5 - 14	1	0.0	-	0.0	1	0.1	2	0.6	5	0.3	9	0.1
15 - 24	5	0.2	3	0.1	2	0.2	27	8.1	9	0.5	46	0.6
25 - 34	4	0.2	10	0.4	1	0.1	59	17.8	23	1.2	97	1.2
35 - 44	50	2.2	32	1.1	3	0.3	48	14.5	35	1.9	168	2.0
45 - 54	167	7.3	85	3.0	10	0.9	58	17.5	73	3.9	393	4.7
55 - 64	372	16.4	201	7.2	51	4.7	41	12.3	120	6.4	785	9.4
65 - 74	606	26.6	393	14.1	164	15.2	29	8.7	213	11.4	1,405	16.8
75 - 84	689	30.3	835	29.9	331	30.7	31	9.3	559	30.0	2,445	29.3
85 +	379	16.7	1,237	44.2	516	47.8	35	10.5	765	41.0	2,932	35.1
Total	2,275	100.0	2,797	100.0	1,079	100.0	332	100.0	1,864	100.0	8,347	100.0
Males												
Under 1	-	0.0	-	0.0	-	0.0	-	0.0	26	1.4	26	0.3
1 - 4	1	0.0	1	0.0	-	0.0	1	0.3	6	0.3	9	0.1
5 - 14	1	0.0	-	0.0	-	0.0	2	0.6	3	0.2	6	0.1
15 - 24	4	0.2	3	0.1	-	0.0	23	6.9	5	0.3	35	0.4
25 - 34	2	0.1	5	0.2	1	0.1	47	14.2	12	0.6	67	0.8
35 - 44	26	1.1	24	0.9	3	0.3	40	12.0	20	1.1	113	1.4
45 - 54	68	3.0	66	2.4	8	0.7	46	13.9	50	2.7	238	2.9
55 - 64	199	8.7	156	5.6	29	2.7	33	9.9	67	3.6	484	5.8
65 - 74	345	15.2	269	9.6	90	8.3	23	6.9	109	5.8	836	10.0
75 - 84	371	16.3	463	16.6	170	15.8	12	3.6	259	13.9	1,275	15.3
85 +	169	7.4	426	15.2	204	18.9	16	4.8	236	12.7	1,051	12.6
Total	1,186	52.1	1,413	50.5	505	46.8	243	73.2	793	42.5	4,140	49.6
Females												
Under 1	1	0.0	-	0.0	-	0.0	-	0.0	28	1.5	29	0.3
1 - 4	-	0.0	-	0.0	-	0.0	1	0.3	2	0.1	3	0.0
5 - 14	-	0.0	-	0.0	1	0.1	-	0.0	2	0.1	3	0.0
15 - 24	1	0.0	-	0.0	2	0.2	4	1.2	4	0.2	11	0.1
25 - 34	2	0.1	5	0.2	-	0.0	12	3.6	11	0.6	30	0.4
35 - 44	24	1.1	8	0.3	-	0.0	8	2.4	15	0.8	55	0.7
45 - 54	99	4.4	19	0.7	2	0.2	12	3.6	23	1.2	155	1.9
55 - 64	173	7.6	45	1.6	22	2.0	8	2.4	53	2.8	301	3.6
65 - 74	261	11.5	124	4.4	74	6.9	6	1.8	104	5.6	569	6.8
75 - 84	318	14.0	372	13.3	161	14.9	19	5.7	300	16.1	1,170	14.0
85 +	210	9.2	811	29.0	312	28.9	19	5.7	529	28.4	1,881	22.5
Total	1,089	47.9	1,384	49.5	574	53.2	89	26.8	1,071	57.5	4,207	50.4
Region												
Border	281	12.4	338	12.1	122	11.3	36	10.8	213	11.4	990	11.9
Midland	135	5.9	205	7.3	87	8.1	29	8.7	121	6.5	577	6.9
West	212	9.3	295	10.5	117	10.8	40	12.0	184	9.9	848	10.2
Dublin	604	26.5	650	23.2	258	23.9	93	28.0	512	27.5	2,117	25.4
Mid-East	226	9.9	250	8.9	91	8.4	22	6.6	172	9.2	761	9.1
Mid-West	193	8.5	278	9.9	111	10.3	29	8.7	146	7.8	757	9.1
South-East	279	12.3	330	11.8	132	12.2	41	12.3	194	10.4	976	11.7
South-West	345	15.2	451	16.1	161	14.9	42	12.7	322	17.3	1,321	15.8
Total	2,275	100.0	2,797	100.0	1,079	100.0	332	100.0	1,864	100.0	8,347	100.0

Table 3 Marriages, civil partnerships, births, deaths and natural increase

	Marriages ¹	Civil Partnerships	Live Births				Deaths ²				Natural Increase
			Total	First	Outside marriage/civil partnerships	Average Age	Total	Infant	Neo-natal	65 & over	
Quarter 1											
2004	2,755	-	15,599	6,082	5,181	30.7	7,873	72	56	6,347	7,726
2005	2,892	-	15,334	6,290	5,147	30.9	7,352	65	47	5,920	7,982
2006	3,329	-	15,958	6,449	5,481	30.9	7,320	56	36	6,040	8,638
2007	3,401	-	17,473	7,226	5,905	31.1	7,910	48	37	6,326	9,563
2008	3,228	-	19,154	8,088	6,480	31.1	7,527	63	42	6,011	11,629
2009	3,450	-	19,437	8,173	6,621	31.2	8,419	59	41	6,739	11,018
2010	3,372	-	19,787	8,312	6,829	31.4	8,006	62	39	6,419	11,781
2011	3,052	6	19,950	8,008	6,768	31.7	8,093	72	60	6,455	11,857
2012	2,827	82	19,313	7,693	6,929	31.8	7,979	61	45	6,445	11,334
2013	3,642	52	17,563	6,752	6,406	32.1	8,347	55	36	6,782	9,216
Quarter 2											
2004	4,953	-	15,535	5,897	4,874	30.8	6,881	74	53	5,351	8,654
2005	5,374	-	15,306	5,922	4,810	31.1	7,349	70	52	5,826	7,957
2006	5,274	-	15,979	6,315	5,056	31.1	6,967	65	44	5,488	9,012
2007	5,558	-	17,127	6,926	5,428	31.2	6,902	60	34	5,394	10,225
2008	5,351	-	19,040	7,712	6,174	31.2	7,570	90	62	5,857	11,471
2009	5,432	-	18,844	7,858	6,114	31.3	7,020	52	41	5,356	11,824
2010	4,993	-	18,844	7,749	6,205	31.5	6,929	84	54	5,344	11,915
2011	5,025	184	18,381	7,080	6,013	31.8	7,277	61	41	5,618	11,104
2012	5,421	120	17,958	6,718	6,164	31.9	7,080	47	41	5,629	10,878
2013											
Quarter 3											
2004	8,376	-	15,605	6,171	5,100	30.8	6,473	72	43	5,123	9,132
2005	8,347	-	16,170	6,548	5,101	30.9	6,380	50	33	4,919	9,790
2006	8,335	-	16,920	6,891	5,541	31.0	6,657	58	46	5,146	10,263
2007	8,949	-	18,554	7,636	6,019	31.1	6,455	48	32	4,976	12,099
2008	8,751	-	19,650	8,259	6,523	31.1	6,694	67	50	5,108	12,976
2009	8,047	-	19,289	8,170	6,256	31.2	6,638	80	53	5,039	12,651
2010	7,774	-	19,171	7,815	6,481	31.4	6,517	71	48	5,010	12,654
2011	7,538	204	19,222	7,512	6,543	31.7	6,911	65	41	5,303	12,311
2012	7,765	104	17,985	6,974	6,250	32.0	6,825	79	61	5,257	11,160
2013											
Quarter 4											
2004	4,895	-	14,945	5,975	4,783	30.9	6,924	82	62	5,253	8,021
2005	4,742	-	14,232	5,861	4,470	31.1	6,360	59	45	4,827	7,872
2006	5,151	-	15,380	6,456	5,217	31.0	6,535	58	42	4,946	8,845
2007	4,848	-	17,466	7,481	5,818	31.1	6,783	65	46	5,128	10,683
2008	4,857	-	17,880	7,608	5,904	31.2	6,401	70	46	4,871	11,456
2009	4,698	-	17,358	7,426	5,757	31.4	6,821	49	34	5,098	10,537
2010	4,455	-	17,174	7,244	5,865	31.5	6,113	65	49	4,763	11,061
2011	4,264	142	17,097	6,841	5,866	31.8	6,714	60	48	5,255	10,383
2012	5,232	102	16,969	6,554	6,001	32.1	6,964	63	47	5,437	10,005
2013											
Total											
2004	20,979	-	61,684	24,125	19,938	30.8	28,151	300	214	22,074	33,533
2005	21,355	-	61,042	24,621	19,528	31.0	27,441	244	177	21,492	33,601
2006	22,089	-	64,237	26,111	21,295	31.0	27,479	237	168	21,620	36,758
2007	22,756	-	70,620	29,269	23,170	31.1	28,050	221	149	21,824	42,570
2008	22,187	-	75,724	31,667	25,081	31.1	28,192	290	200	21,847	47,532
2009	21,627	-	74,928	31,627	24,748	31.3	28,898	240	169	22,232	46,030
2010	20,594	-	74,976	31,120	25,380	31.5	27,565	282	190	21,536	47,411
2011	19,879	536	74,650	29,441	25,190	31.8	28,995	258	190	22,631	45,655
2012	21,245	408	72,225	27,939	25,344	31.9	28,848	250	194	22,768	43,377
2013											

¹ 2002 and 2004 - 2010 marriage figures are final. All other marriage figures are subject to revision.² See 'Background Notes' for changes in methodology effective from 2007.

Table 4 Annual marriage, civil partnership, birth, death and natural increase rates per 1,000 population¹

	Marriages	Civil Partnerships	Live Births			Deaths				Natural Increase
			Total	% First births ²	% Outside marriage/civil partnerships	Total	Infant ³ Mortality	Neo-natal ⁴ Mortality	65 & over	
Quarter 1										
2004	2.8	-	15.7	40.4	33.2	7.9	4.6	3.6	57.5	7.8
2005	2.9	-	15.2	41.3	33.6	7.3	4.2	3.1	52.7	7.9
2006	3.2	-	15.4	41.1	34.3	7.1	3.5	2.3	52.6	8.4
2007	3.2	-	16.5	42.2	33.8	7.5	2.7	2.1	54.1	9.0
2008	3.0	-	17.5	42.6	33.8	6.9	3.3	2.2	51.0	10.6
2009	3.1	-	17.3	42.2	34.1	7.5	3.0	2.1	55.7	9.8
2010	3.0	-	17.5	42.1	34.5	7.1	3.1	2.0	51.5	10.4
2011	2.7	0.01	17.5	40.3	33.9	7.1	3.6	3.0	50.1	10.4
2012	2.5	0.07	16.9	40.0	35.9	7.0	3.2	2.3	48.5	9.9
2013	3.2	0.05	15.3	38.6	36.5	7.3	3.1	2.0	49.4	8.0
Quarter 2										
2004	4.9	-	15.4	38.8	31.4	6.8	4.8	3.4	47.6	8.6
2005	5.2	-	14.8	38.8	31.4	7.1	4.6	3.4	50.8	7.7
2006	5.0	-	15.1	41.1	31.6	6.6	4.1	2.8	46.9	8.5
2007	5.1	-	15.7	40.9	31.7	6.3	3.5	2.0	45.8	9.3
2008	4.8	-	17.0	40.8	32.4	6.8	4.7	3.3	48.4	10.2
2009	4.8	-	16.6	42.0	32.4	6.2	2.8	2.2	42.9	10.4
2010	4.4	-	16.5	41.3	32.9	6.1	4.5	2.9	41.5	10.5
2011	4.4	0.16	16.1	38.8	32.7	6.4	3.3	2.2	42.3	9.7
2012	4.7	0.10	15.7	37.5	34.3	6.2	2.6	2.3	41.0	9.5
2013										
Quarter 3										
2004	8.3	-	15.4	39.8	32.7	6.4	4.6	2.8	45.6	9.0
2005	8.1	-	15.6	40.7	31.5	6.2	3.1	2.0	42.9	9.5
2006	7.9	-	16.0	41.6	32.7	6.3	3.4	2.7	44.0	9.7
2007	8.2	-	17.0	41.4	32.4	5.9	2.6	1.7	42.3	11.1
2008	7.8	-	17.5	42.2	33.2	6.0	3.4	2.5	42.2	11.6
2009	7.1	-	17.0	42.6	32.4	5.9	4.1	2.7	40.4	11.2
2010	6.8	-	16.8	41.0	33.8	5.7	3.7	2.5	38.9	11.1
2011	6.6	0.18	16.8	39.3	34.0	6.0	3.4	2.1	39.9	10.8
2012	6.8	0.09	15.7	38.9	34.8	6.0	4.4	3.4	38.3	9.7
2013										
Quarter 4										
2004	4.8	-	14.8	40.3	32.0	6.8	5.5	4.1	46.7	7.9
2005	4.6	-	13.8	41.4	31.4	6.2	4.1	3.2	42.1	7.6
2006	4.9	-	14.5	42.3	33.9	6.2	3.8	2.7	42.3	8.3
2007	4.4	-	16.0	43.2	33.3	6.2	3.7	2.6	43.5	9.8
2008	4.3	-	15.9	42.8	33.0	5.7	3.9	2.6	40.3	10.2
2009	4.1	-	15.3	42.9	33.2	6.0	2.8	2.0	40.9	9.3
2010	3.9	-	15.1	42.4	34.2	5.4	3.8	2.9	37.0	9.7
2011	3.7	0.12	14.9	40.2	34.3	5.9	3.5	2.8	39.5	9.1
2012	4.6	0.09	14.8	38.7	35.4	6.1	3.7	2.8	39.6	8.7
2013										
Total										
2004	5.2	-	15.2	39.8	32.3	7.0	4.9	3.5	49.1	8.3
2005	5.2	-	14.8	40.5	32.0	6.6	4.0	2.9	46.8	8.1
2006	5.2	-	15.2	41.5	33.2	6.5	3.7	2.6	46.2	8.7
2007	5.2	-	16.1	41.9	32.8	6.4	3.1	2.1	46.3	9.7
2008	4.9	-	16.9	42.1	33.1	6.3	3.8	2.6	45.2	10.6
2009	4.8	-	16.5	42.4	33.0	6.4	3.2	2.3	44.6	10.2
2010	4.5	-	16.5	41.7	33.9	6.1	3.8	2.5	41.8	10.4
2011	4.3	0.12	16.3	39.6	33.7	6.3	3.5	2.5	42.6	10.0
2012	4.6	0.09	15.8	38.8	35.1	6.3	3.5	2.7	41.4	9.5
2013										

¹ Rates from Q2 2007 to 2012 are calculated using the Usual Residence population figures. Rates prior to Q2 2007 are based on estimated De Facto populations.² First births divided by the total number of live births (excluding those with unstated parity), multiplied by 100.³ Infant mortality is the number of infant deaths per 1,000 live births.⁴ Neonatal mortality is the number of neonatal (infants aged under 4 weeks) deaths per 1,000 live births.

Table 5 Births registered, classified by area of residence of mother, January - March 2013

Area of residence	Total	Male	Female	Rate ¹
STATE	17,563	8,929	8,634	15.3
LEINSTER	10,009	5,034	4,975	16.0
Carlow	216	113	103	15.8
Dublin City	1,890	936	954	14.7
South Dublin	1,095	526	569	16.4
Fingal	1,351	691	660	19.6
Dun Laoghaire Rathdown	685	343	342	13.3
Kildare	909	462	447	17.2
Kilkenny	324	165	159	13.5
Laois	308	167	141	15.2
Longford	185	93	92	18.7
Louth	480	249	231	15.5
Meath	830	410	420	17.8
Offaly	269	137	132	13.9
Westmeath	368	171	197	17.0
Wexford	558	288	270	15.3
Wicklow	541	283	258	15.8
MUNSTER	4,616	2,355	2,261	14.8
Clare	412	206	206	14.1
Cork City	415	217	198	14.2
Cork County	1,657	832	825	16.4
Kerry	453	237	216	12.6
Limerick City	227	111	116	16.1
Limerick County	458	246	212	13.7
North Tipperary	265	139	126	14.9
South Tipperary	323	147	176	14.5
Waterford City	188	103	85	16.2
Waterford County	218	117	101	12.9
CONNACHT	1,983	1,055	928	14.7
Galway City	292	151	141	16.3
Galway County	625	333	292	14.3
Leitrim	114	56	58	14.2
Mayo	486	267	219	14.9
Roscommon	232	116	116	14.4
Sligo	234	132	102	14.4
ULSTER (PART OF)	955	485	470	12.9
Cavan	286	151	135	15.6
Donegal	460	223	237	11.4
Monaghan	209	111	98	13.7
REGIONAL AUTHORITIES:				
Border	1,783	922	861	13.8
Midland	1,130	568	562	15.9
West	1,635	867	768	14.8
Dublin	5,021	2,496	2,525	15.9
Mid-East	2,280	1,155	1,125	17.0
Mid-West	1,362	702	660	14.4
South-East	1,827	933	894	14.6
South-West	2,525	1,286	1,239	15.2

¹ Births per year per 1,000 population. Annual rates based on estimated usual residence 2012 population.

Table 6 Births registered, classified by age of mother and previous number of liveborn children, January - March 2013

Age of mother at maternity	Total	Previous number of liveborn children						
		0	1	2	3	4	5 or more	Not stated
All ages	17,563	6,752	6,099	3,026	1,079	332	211	64
15 and under	8	7	1	-	-	-	-	-
16	17	16	1	-	-	-	-	-
17	64	59	4	1	-	-	-	-
18	106	96	8	1	-	-	-	1
19	184	150	28	4	2	-	-	-
Under 20	379	328	42	6	2	-	-	1
20	241	190	45	4	1	-	-	1
21	307	218	72	14	2	1	-	-
22	349	214	105	26	3	-	-	1
23	354	181	128	37	6	-	-	2
24	436	218	156	45	12	5	-	-
20-24	1,687	1,021	506	126	24	6	-	4
25	498	254	175	41	13	6	6	3
26	643	278	244	84	30	4	1	2
27	638	315	196	76	41	5	2	3
28	789	353	269	109	35	11	6	6
29	1,014	459	362	148	30	9	4	2
25-29	3,582	1,659	1,246	458	149	35	19	16
30	1,166	488	434	157	56	13	14	4
31	1,243	529	450	166	55	22	12	9
32	1,352	547	496	201	74	17	12	5
33	1,340	469	509	247	62	25	26	2
34	1,311	407	525	261	79	29	6	4
30-34	6,412	2,440	2,414	1,032	326	106	70	24
35	1,162	315	441	279	83	26	15	3
36	1,085	265	417	268	96	25	11	3
37	901	221	303	248	84	26	14	5
38	750	155	243	208	101	19	21	3
39	578	112	192	150	79	30	12	3
35-39	4,476	1,068	1,596	1,153	443	126	73	17
40	399	94	119	102	56	16	11	1
41	267	60	71	65	35	15	21	-
42	158	34	43	37	18	15	11	-
43	94	19	29	23	13	5	4	1
44	46	9	15	12	4	5	1	-
40-44	964	216	277	239	126	56	48	2
45 and over	61	20	17	12	8	3	1	-
Age not stated	2	-	1	-	1	-	-	-

Table 7 Number and percentage of births registered within and outside marriage/civil partnership, classified by age of mother, January - March 2013

Age of mother at maternity	Total	Married/Civil partnership parents	Unmarried /non Civil partnership parents		Married/Civil partnership parents	Unmarried /non Civil partnership parents	
			Total	Same address		Total	Same address
	Number				Percentage		
All ages	17,563	11,157	6,406	3,685	63.5	36.5	21.0
15 and under	8	-	8	1	-	100.0	12.5
16	17	3	14	3	17.6	82.4	17.6
17	64	1	63	10	1.6	98.4	15.6
18	106	11	95	25	10.4	89.6	23.6
19	184	21	163	39	11.4	88.6	21.2
Under 20	379	36	343	78	9.5	90.5	20.6
20	241	24	217	70	10.0	90.0	29.0
21	307	40	267	99	13.0	87.0	32.2
22	349	47	302	129	13.5	86.5	37.0
23	354	62	292	128	17.5	82.5	36.2
24	436	91	345	176	20.9	79.1	40.4
20-24	1,687	264	1,423	602	15.6	84.4	35.7
25	498	141	357	196	28.3	71.7	39.4
26	643	238	405	223	37.0	63.0	34.7
27	638	282	356	209	44.2	55.8	32.8
28	789	426	363	234	54.0	46.0	29.7
29	1,014	626	388	270	61.7	38.3	26.6
25-29	3,582	1,713	1,869	1,132	47.8	52.2	31.6
30	1,166	768	398	259	65.9	34.1	22.2
31	1,243	888	355	243	71.4	28.6	19.5
32	1,352	1,038	314	220	76.8	23.2	16.3
33	1,340	1,021	319	222	76.2	23.8	16.6
34	1,311	1,045	266	173	79.7	20.3	13.2
30-34	6,412	4,760	1,652	1,117	74.2	25.8	17.4
35	1,162	929	233	153	79.9	20.1	13.2
36	1,085	884	201	137	81.5	18.5	12.6
37	901	729	172	112	80.9	19.1	12.4
38	750	595	155	111	79.3	20.7	14.8
39	578	473	105	73	81.8	18.2	12.6
35-39	4,476	3,610	866	586	80.7	19.3	13.1
40	399	299	100	67	74.9	25.1	16.8
41	267	195	72	49	73.0	27.0	18.4
42	158	125	33	22	79.1	20.9	13.9
43	94	67	27	18	71.3	28.7	19.1
44	46	34	12	8	73.9	26.1	17.4
40-44	964	720	244	164	74.7	25.3	17.0
45 and over	61	52	9	6	85.2	14.8	9.8
Age not stated	2	2	-	-	100.0	-	-

Table 8 Number and percentage of births registered within and outside marriage/civil partnership classified by area of residence of mother, January - March 2013

Area of residence	Total	Married/Civil partnership parents	Unmarried /non Civil partnership parents		Married/Civil partnership parents	Unmarried /non Civil partnership parents		
			Total	Same address		Total	Same address	
		Number				Percentage		
STATE	17,563	11,157	6,406	3,685	63.5	36.5	21.0	
LEINSTER	10,009	6,228	3,781	2,143	62.2	37.8	21.4	
Carlow	216	135	81	52	62.5	37.5	24.1	
Dublin City	1,890	1,041	849	382	55.1	44.9	20.2	
South Dublin	1,095	634	461	238	57.9	42.1	21.7	
Fingal	1,351	895	456	272	66.2	33.8	20.1	
Dun Laoghaire Rathdown	685	514	171	109	75.0	25.0	15.9	
Kildare	909	613	296	187	67.4	32.6	20.6	
Kilkenny	324	211	113	65	65.1	34.9	20.1	
Laois	308	191	117	76	62.0	38.0	24.7	
Longford	185	105	80	51	56.8	43.2	27.6	
Louth	480	280	200	119	58.3	41.7	24.8	
Meath	830	553	277	170	66.6	33.4	20.5	
Offaly	269	175	94	56	65.1	34.9	20.8	
Westmeath	368	221	147	95	60.1	39.9	25.8	
Wexford	558	319	239	137	57.2	42.8	24.6	
Wicklow	541	341	200	134	63.0	37.0	24.8	
MUNSTER	4,616	2,933	1,683	965	63.5	36.5	20.9	
Clare	412	266	146	106	64.6	35.4	25.7	
Cork City	415	204	211	87	49.2	50.8	21.0	
Cork County	1,657	1,172	485	300	70.7	29.3	18.1	
Kerry	453	297	156	99	65.6	34.4	21.9	
Limerick City	227	95	132	48	41.9	58.1	21.1	
Limerick County	458	321	137	91	70.1	29.9	19.9	
North Tipperary	265	172	93	63	64.9	35.1	23.8	
South Tipperary	323	180	143	84	55.7	44.3	26.0	
Waterford City	188	90	98	43	47.9	52.1	22.9	
Waterford County	218	136	82	44	62.4	37.6	20.2	
CONNACHT	1,983	1,391	592	381	70.1	29.9	19.2	
Galway City	292	205	87	50	70.2	29.8	17.1	
Galway County	625	472	153	100	75.5	24.5	16.0	
Leitrim	114	89	25	17	78.1	21.9	14.9	
Mayo	486	328	158	101	67.5	32.5	20.8	
Roscommon	232	153	79	58	65.9	34.1	25.0	
Sligo	234	144	90	55	61.5	38.5	23.5	
ULSTER (PART OF)	955	605	350	196	63.4	36.6	20.5	
Cavan	286	190	96	58	66.4	33.6	20.3	
Donegal	460	287	173	88	62.4	37.6	19.1	
Monaghan	209	128	81	50	61.2	38.8	23.9	
REGIONAL AUTHORITIES:								
Border	1,783	1,118	665	387	62.7	37.3	21.7	
Midland	1,130	692	438	278	61.2	38.8	24.6	
West	1,635	1,158	477	309	70.8	29.2	18.9	
Dublin	5,021	3,084	1,937	1,001	61.4	38.6	19.9	
Mid-East	2,280	1,507	773	491	66.1	33.9	21.5	
Mid-West	1,362	854	508	308	62.7	37.3	22.6	
South-East	1,827	1,071	756	425	58.6	41.4	23.3	
South-West	2,525	1,673	852	486	66.3	33.7	19.2	

Table 9 Births registered, classified by area of residence and age of mother, January - March 2013

Area of residence	Total	Under 20	20-24	25-29	30-34	35-39	40 and over	Age not stated	Average age of mother at maternity	
									All births	First birth
STATE	17,563	379	1,687	3,582	6,412	4,476	1,025	2	32.1	30.2
LEINSTER	10,009	221	1,010	2,061	3,685	2,451	580	1	32.0	30.1
Carlow	216	6	25	40	89	46	10	-	31.6	29.2
Dublin City	1,890	45	218	382	672	459	114	-	31.8	30.2
South Dublin	1,095	32	131	262	375	234	61	-	31.3	29.8
Fingal	1,351	25	101	266	523	358	78	-	32.4	31.0
Dun Laoghaire Rathdown	685	5	31	101	270	205	72	1	33.9	32.3
Kildare	909	18	78	179	357	223	54	-	32.2	30.3
Kilkenny	324	10	26	62	117	93	16	-	32.3	29.7
Laois	308	5	30	77	107	72	17	-	31.8	29.4
Longford	185	8	26	49	61	31	10	-	30.4	27.8
Louth	480	11	64	122	165	99	19	-	31.1	29.0
Meath	830	17	75	147	338	210	43	-	32.2	29.7
Offaly	269	5	23	63	101	60	17	-	31.9	29.9
Westmeath	368	8	61	72	128	85	14	-	31.1	29.1
Wexford	558	16	74	144	183	118	23	-	30.9	28.7
Wicklow	541	10	47	95	199	158	32	-	32.6	30.8
MUNSTER	4,616	99	442	942	1,671	1,207	254	1	32.1	30.1
Clare	412	5	42	70	173	96	26	-	32.4	30.9
Cork City	415	20	56	100	122	93	24	-	30.9	29.6
Cork County	1,657	26	102	302	626	500	101	-	32.8	30.9
Kerry	453	4	51	76	175	115	31	1	32.3	30.4
Limerick City	227	15	31	69	69	37	6	-	29.9	27.8
Limerick County	458	6	48	88	162	132	22	-	32.3	30.7
North Tipperary	265	3	27	60	95	63	17	-	32.1	30.3
South Tipperary	323	11	43	83	106	66	14	-	30.9	27.9
Waterford City	188	4	25	54	59	40	6	-	30.8	28.4
Waterford County	218	5	17	40	84	65	7	-	32.3	29.4
CONNACHT	1,983	32	150	371	712	578	140	-	32.7	30.8
Galway City	292	3	26	53	105	85	20	-	32.6	31.2
Galway County	625	10	30	96	226	220	43	-	33.4	31.6
Leitrim	114	1	6	20	40	37	10	-	33.5	32.9
Mayo	486	10	44	95	185	116	36	-	32.2	29.9
Roscommon	232	6	19	49	84	60	14	-	32.2	29.3
Sligo	234	2	25	58	72	60	17	-	32.0	30.3
ULSTER (PART OF)	955	27	85	208	344	240	51	-	32.0	29.5
Cavan	286	10	26	67	97	74	12	-	31.7	29.7
Donegal	460	10	41	102	170	111	26	-	32.0	29.2
Monaghan	209	7	18	39	77	55	13	-	32.3	29.9
REGIONAL AUTHORITIES:										
Border	1,783	41	180	408	621	436	97	-	31.8	29.7
Midland	1,130	26	140	261	397	248	58	-	31.4	29.1
West	1,635	29	119	293	600	481	113	-	32.7	30.7
Dublin	5,021	107	481	1,011	1,840	1,256	325	1	32.1	30.6
Mid-East	2,280	45	200	421	894	591	129	-	32.3	30.2
Mid-West	1,362	29	148	287	499	328	71	-	31.9	30.1
South-East	1,827	52	210	423	638	428	76	-	31.4	28.8
South-West	2,525	50	209	478	923	708	156	1	32.4	30.6

Table 10 Births registered outside marriage/civil partnership, classified by area of residence and age of mother, January - March 2013

Area of residence	Total	Under 25	25-29	30-34	35-39	40 and over	Age not stated	Average age of mother at maternity	
								All births	First birth
STATE	6,406	1,766	1,869	1,652	866	253	-	29.1	27.6
LEINSTER	3,781	1,048	1,104	982	505	142	-	29.0	27.7
Carlow	81	25	22	24	8	2	-	28.3	26.2
Dublin City	849	226	231	227	128	37	-	29.4	28.1
South Dublin	461	134	144	106	56	21	-	28.8	27.7
Fingal	456	102	135	125	77	17	-	29.7	28.8
Dun Laoghaire Rathdown	171	31	46	45	35	14	-	31.1	30.5
Kildare	296	85	82	82	38	9	-	28.8	26.8
Kilkenny	113	34	34	31	12	2	-	28.4	26.3
Laois	117	31	40	31	13	2	-	28.6	26.9
Longford	80	29	26	17	6	2	-	27.2	25.1
Louth	200	65	64	53	14	4	-	28.1	26.9
Meath	277	81	75	73	38	10	-	29.1	26.7
Offaly	94	25	35	22	10	2	-	28.4	27.6
Westmeath	147	57	43	36	8	3	-	27.4	26.4
Wexford	239	76	69	57	30	7	-	28.3	26.4
Wicklow	200	47	58	53	32	10	-	29.9	28.6
MUNSTER	1,683	480	494	430	214	65	-	29.0	27.5
Clare	146	40	44	37	18	7	-	29.2	27.7
Cork City	211	68	71	44	23	5	-	28.1	27.5
Cork County	485	116	142	127	74	26	-	29.7	28.1
Kerry	156	45	34	49	19	9	-	29.6	28.3
Limerick City	132	45	42	28	12	5	-	27.9	26.2
Limerick County	137	44	38	25	26	4	-	29.0	27.6
North Tipperary	93	25	32	23	9	4	-	28.9	27.5
South Tipperary	143	50	45	35	9	4	-	27.6	26.0
Waterford City	98	25	30	33	9	1	-	28.9	27.2
Waterford County	82	22	16	29	15	-	-	29.4	26.6
CONNACHT	592	141	180	138	103	30	-	29.7	28.3
Galway City	87	21	25	25	13	3	-	29.5	28.6
Galway County	153	26	35	39	43	10	-	31.3	29.6
Leitrim	25	6	7	6	6	-	-	29.8	30.8
Mayo	158	44	48	33	20	13	-	29.5	27.8
Roscommon	79	19	32	16	10	2	-	28.6	27.7
Sligo	90	25	33	19	11	2	-	28.5	27.1
ULSTER (PART OF)	350	97	91	102	44	16	-	29.1	26.3
Cavan	96	28	27	29	9	3	-	28.4	25.9
Donegal	173	46	46	53	20	8	-	29.1	26.6
Monaghan	81	23	18	20	15	5	-	29.9	26.2
REGIONAL AUTHORITIES:									
Border	665	193	195	180	75	22	-	28.7	26.7
Midland	438	142	144	106	37	9	-	27.9	26.5
West	477	110	140	113	86	28	-	29.9	28.4
Dublin	1,937	493	556	503	296	89	-	29.5	28.4
Mid-East	773	213	215	208	108	29	-	29.2	27.3
Mid-West	508	154	156	113	65	20	-	28.7	27.2
South-East	756	232	216	209	83	16	-	28.4	26.4
South-West	852	229	247	220	116	40	-	29.3	28.0

Table 11 Births registered, classified by nationality of mother, marital status and age, January - March 2013

Nationality of mother	Total births	% of total births	Births inside marriage/civil partnership	Births outside marriage/civil partnership	% of births inside marriage/civil partnership	% of births outside marriage/civil partnership	Average age of mother at maternity
TOTAL	17,563	100.0	11,157	6,406	63.5	36.5	32.1
Ireland	13,296	75.7	8,420	4,876	63.3	36.7	32.4
United Kingdom	432	2.5	214	218	49.5	50.5	32.1
EU15 excl. Irl & UK	249	1.4	146	103	58.6	41.4	33.8
Accession states (EU27 excl. EU15)	2,052	11.7	1,216	836	59.3	40.7	29.8
Other	1,252	7.1	993	259	79.3	20.7	31.7
Not stated	282	1.6	168	114	59.6	40.4	31.6

Table 12 Deaths registered by county of residence of deceased, January - March 2013

Area of residence	Total	Male	Female	Rate ¹
STATE	8,347	4,140	4,207	7.3
LEINSTER	4,214	2,080	2,134	6.7
Carlow	88	49	39	6.4
Dublin City	1,130	521	609	8.8
South Dublin	251	128	123	3.8
Fingal	300	145	155	4.4
Dun Laoghaire Rathdown	436	179	257	8.5
Kildare	275	138	137	5.2
Kilkenny	176	105	71	7.3
Laois	127	75	52	6.2
Longford	90	45	45	9.1
Louth	216	109	107	7.0
Meath	250	130	120	5.4
Offaly	158	85	73	8.2
Westmeath	202	113	89	9.3
Wexford	279	145	134	7.6
Wicklow	236	113	123	6.9
MUNSTER	2,511	1,249	1,262	8.1
Clare	223	114	109	7.6
Cork City	343	166	177	11.7
Cork County	658	332	326	6.5
Kerry	320	157	163	8.9
Limerick City	159	91	68	11.3
Limerick County	217	99	118	6.5
North Tipperary	158	71	87	8.9
South Tipperary	213	113	100	9.5
Waterford City	96	43	53	8.3
Waterford County	124	63	61	7.3
CONNACHT	1,058	536	522	7.9
Galway City	65	33	32	3.6
Galway County	349	169	180	8.0
Leitrim	66	36	30	8.2
Mayo	313	160	153	9.6
Roscommon	121	65	56	7.5
Sligo	144	73	71	8.9
ULSTER (PART OF)	564	275	289	7.6
Cavan	134	65	69	7.3
Donegal	319	161	158	7.9
Monaghan	111	49	62	7.3
REGIONAL AUTHORITIES:				
Border	990	493	497	7.7
Midland	577	318	259	8.1
West	848	427	421	7.7
Dublin	2,117	973	1,144	6.7
Mid-East	761	381	380	5.7
Mid-West	757	375	382	8.0
South-East	976	518	458	7.8
South-West	1,321	655	666	8.0

¹ Deaths per year per 1,000 population. Annual rates based on estimated 2012 Usual Residence population.

Table 13 Deaths registered by cause of death and county of residence of deceased, January - March 2013

Area of residence	Total deaths	Malignant Neoplasms	Diseases of the Circulatory system	Diseases of the Respiratory system	External causes	All other causes
STATE	8,347	2,275	2,797	1,079	332	1,864
LEINSTER	4,214	1,192	1,348	531	187	956
Carlow	88	35	24	12	6	11
Dublin City	1,130	300	338	153	53	286
South Dublin	251	75	78	24	12	62
Fingal	300	101	97	31	10	61
Dun Laoghaire Rathdown	436	128	137	50	18	103
Kildare	275	85	85	36	8	61
Kilkenny	176	50	67	24	8	27
Laois	127	33	36	22	9	27
Longford	90	22	33	13	6	16
Louth	216	66	66	24	15	45
Meath	250	71	86	31	11	51
Offaly	158	36	58	27	4	33
Westmeath	202	44	78	25	10	45
Wexford	279	76	86	35	14	68
Wicklow	236	70	79	24	3	60
MUNSTER	2,511	656	882	333	84	556
Clare	223	55	87	31	11	39
Cork City	343	93	104	41	19	86
Cork County	658	191	229	77	16	145
Kerry	320	61	118	43	7	91
Limerick City	159	41	51	21	9	37
Limerick County	217	60	85	30	5	37
North Tipperary	158	37	55	29	4	33
South Tipperary	213	52	82	27	5	47
Waterford City	96	24	33	14	3	22
Waterford County	124	42	38	20	5	19
CONNACHT	1,058	278	363	142	44	231
Galway City	65	20	17	7	4	17
Galway County	349	87	117	38	17	90
Leitrim	66	12	23	12	2	17
Mayo	313	69	116	58	11	59
Roscommon	121	36	45	14	8	18
Sligo	144	54	45	13	2	30
ULSTER (PART OF)	564	149	204	73	17	121
Cavan	134	34	49	23	3	25
Donegal	319	85	117	37	9	71
Monaghan	111	30	38	13	5	25
REGIONAL AUTHORITIES:						
Border	990	281	338	122	36	213
Midland	577	135	205	87	29	121
West	848	212	295	117	40	184
Dublin	2,117	604	650	258	93	512
Mid-East	761	226	250	91	22	172
Mid-West	757	193	278	111	29	146
South-East	976	279	330	132	41	194
South-West	1,321	345	451	161	42	322

Table 14 Deaths registered classified by cause and age group, January - March 2013

Cause of Death	65 COD Code	ICD-10 Code	Total Deaths	Age Group										
				Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over
Total deaths	0	A00-Y89	8,347	55	12	9	46	97	168	393	785	1,405	2,445	2,932
Infectious and parasitic diseases:-	1	A00-B99	77	1	0	0	1	0	6	11	3	8	18	29
Tuberculosis	2	A15-A19,B90	8	0	0	0	0	0	2	1	0	1	3	1
Meningococcal infection	3	A39	0	0	0	0	0	0	0	0	0	0	0	0
AIDS (HIV Disease)	4	B20-B24	4	0	0	0	1	0	3	0	0	0	0	0
Viral Hepatitis	5	B15-B19	11	0	0	0	0	0	1	6	2	1	0	1
Other infectious and parasitic diseases			54	1	0	0	0	0	0	4	1	6	15	27
Neoplasms	6	C00-D48	2,347	1	1	1	5	7	50	168	377	620	712	405
Malignant Neoplasms of the:-	7	C00-C97	2,275	1	1	1	5	4	50	167	372	606	689	379
Lip, oral cavity, pharynx	8	C00-C14	42	0	0	0	0	0	0	3	17	12	5	5
Oesophagus	9	C15	94	0	0	0	0	0	3	6	20	29	26	10
Stomach	10	C16	84	0	0	0	0	0	2	9	9	17	35	12
Colon	11	C18	129	0	0	0	0	0	2	5	23	26	46	27
Rectum and anus	12	C19-C21	110	0	0	0	0	1	1	8	20	27	33	20
Liver and the intrahepatic bile ducts	13	C22	61	0	0	0	0	0	3	2	5	16	23	14
Pancreas	14	C25	124	0	0	0	0	0	3	10	16	36	38	21
Larynx and trachea/bronchus /lung	15	C32-C34	552	0	0	0	0	0	3	29	110	182	174	54
Skin	16	C43	38	0	0	0	0	0	2	5	7	7	11	6
Breast	17	C50	204	0	0	0	0	1	11	28	46	48	39	31
Cervix uteri	18	C53	20	0	0	0	0	0	4	4	7	2	3	0
Other parts of uterus	19	C54-C55	37	0	0	0	0	0	0	2	5	13	10	7
Ovary	20	C56	63	0	0	0	0	0	1	14	10	12	13	13
Prostate	21	C61	123	0	0	0	0	0	0	1	10	29	48	35
Kidney	22	C64	62	0	0	0	0	0	2	6	10	21	11	12
Bladder	23	C67	56	0	0	0	0	0	1	1	5	10	22	17
Lymph/haematopoietic tissue	24	C81-C96	206	0	1	0	2	2	4	10	17	53	80	37
Other malignant neoplasms			270	1	0	1	3	0	10	24	35	66	72	58
Diseases of the blood and blood-forming organs, immunological disorders	25	D50-D89	27	0	0	0	0	0	1	2	4	4	7	9
Endocrine, Nutritional and metabolic diseases	26	E00-E90	223	0	0	0	1	1	7	2	10	34	87	81
Diabetes mellitus	27	E10-E14	168	0	0	0	0	0	3	1	9	27	71	57
Mental and behavioural disorders	28	F00-F99	317	0	0	1	0	0	0	1	5	19	85	206
Alcohol abuse (including alcoholic psychosis)	29	F10	2	0	0	0	0	0	0	0	1	1	0	0
Drug dependence, toxicomania	30	F11-F16,F18-F19	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of the nervous system and the sense organs	31	G00-H95	428	1	6	3	2	9	4	19	28	58	132	166
Meningitis	32	G00-G03	5	0	0	1	0	0	0	0	0	0	3	1
Diseases of the Circulatory System:-	33	I00-I99	2,797	0	1	0	3	10	32	85	201	393	835	1,237
Ischaemic heart disease	34	I20-I25	1,329	0	0	0	1	4	11	50	115	222	380	546
of which: (Acute myocardial infarction)		I21	598	0	0	0	1	1	4	18	44	99	176	255
Other heart disease	35	I30-I33,I39-I52	446	0	1	0	2	2	9	10	29	41	120	232
Cerebrovascular disease	36	I60-I69	598	0	0	0	0	1	5	12	27	68	204	281
Other diseases of circulatory system			424	0	0	0	0	3	7	13	30	62	131	178

Diseases of the Respiratory system	37	J00-J99	1,079	0	0	1	2	1	3	10	51	164	331	516
Influenza	38	J10-J11	2	0	0	0	0	0	1	0	0	0	0	1
Pneumonia	39	J12-J19	294	0	0	0	1	0	1	2	8	16	65	201
Chronic Lower respiratory disease of which: Asthma	40	J40-J47	564	0	0	1	0	1	1	3	35	112	205	206
Other diseases of the respiratory system	41	J45-J46	73	0	0	1	0	1	0	0	0	0	3	8
			219	0	0	0	1	0	0	5	8	36	61	108
Diseases of the Digestive system	42	K00-K93	318	0	0	0	1	7	14	27	43	46	99	81
Ulcer of stomach, duodenum and jejunum	43	K25-K28	22	0	0	0	0	0	0	4	2	2	9	5
Chronic liver disease	44	K70,K73-K74	78	0	0	0	0	2	9	13	23	21	8	2
Other diseases of the digestive system			218	0	0	0	1	5	5	10	18	23	82	74
Diseases of the skin and subcutaneous tissue	45	L00-L99	10	0	0	0	0	0	1	0	0	1	1	7
Diseases of the musculoskeletal system/connective tissue	46	M00-M99	83	0	0	0	0	1	0	2	6	11	22	41
Rheumatoid arthritis and osteoarthritis	47	M05-M06,M15-M19	30	0	0	0	0	1	0	0	3	6	10	10
Diseases of the genitourinary system	48	N00-N99	207	0	0	1	0	0	0	5	5	14	74	108
Diseases of the kidney and ureter	49	N00-N29	158	0	0	1	0	0	0	4	4	10	63	76
Complications of pregnancy, childbirth and puerperium	50	O00-O99	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period¹	51	P00-P96	30	30	0	0	0	0	0	0	0	0	0	0
Congenital malformations and chromosomal abnormalities	52	Q00-Q99	36	15	1	0	4	2	2	2	6	2	2	0
Congenital malformations of the:-														
Nervous system	53	Q00-Q07	6	4	0	0	2	0	0	0	0	0	0	0
Circulatory system	54	Q20-Q28	8	3	1	0	2	0	1	0	1	0	0	0
Symptoms, signs, abnormal findings, ill-defined causes	55	R00-R99	36	7	1	0	0	0	0	1	5	2	9	11
Sudden infant death syndrome	56	R95	8	7	1	0	0	0	0	0	0	0	0	0
Unknown and unspecified causes	57	R96-R99	8	0	0	0	0	0	0	0	3	1	4	0
External causes of injury and poisoning	58	V01-Y89	332	0	2	2	27	59	48	58	41	29	31	35
Accidents	59	V01-X59	202	0	2	0	13	31	21	27	26	21	29	32
of which: Transport accidents	60	V01-V99	25	0	0	0	6	5	2	5	3	0	4	0
Accidental falls	61	W00-W19	52	0	1	0	0	0	0	4	11	11	13	12
Accidental poisoning	62	X40-X49	58	0	0	0	6	21	14	9	5	2	1	0
other accidents			67	0	1	0	1	5	5	9	7	8	11	20
Suicide and intentional self harm	63	X60-X84	103	0	0	1	12	20	24	27	12	6	0	1
Homicide/assault	64	X85-Y09	10	0	0	1	2	5	1	0	0	1	0	0
Events of undetermined intent	65	Y10-Y34	12	0	0	0	0	2	2	3	3	1	0	1
All other external causes			5	0	0	0	0	1	0	1	0	0	2	1

¹ Stillbirths not included.

Table 15 Male deaths registered classified by cause and age group, January - March 2013

Cause of Death	65 COD Code	ICD-10 Code	Total Males	Age Group										85 and over
				Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	
Total Male Deaths	0	A00-Y89	4,140	26	9	6	35	67	113	238	484	836	1,275	1,051
Infectious and parasitic diseases:-														
Tuberculosis	1	A00-B99	36	0	0	0	1	0	5	7	2	5	10	6
Meningococcal infection	2	A15-A19,B90	5	0	0	0	0	0	2	0	0	1	2	0
AIDS (HIV Disease)	3	A39	0	0	0	0	0	0	0	0	0	0	0	0
Virial Hepatitis	4	B20-B24	3	0	0	0	1	0	2	0	0	0	0	0
Other infectious and parasitic diseases	5	B15-B19	8	0	0	0	0	0	1	5	1	0	0	1
			20	0	0	0	0	0	0	2	1	4	8	5
Neoplasms	6	C00-D48	1,232	0	1	1	4	3	26	68	203	355	385	186
Malignant Neoplasms of the:-														
Lip, oral cavity, pharynx	7	C00-C97	1,186	0	1	1	4	2	26	68	199	345	371	169
Oesophagus	8	C00-C14	26	0	0	0	0	0	0	2	9	9	4	2
Stomach	9	C15	62	0	0	0	0	0	3	2	13	24	17	3
Colon	10	C16	52	0	0	0	0	0	2	5	12	18	18	7
Rectum and anus	11	C18	82	0	0	0	0	0	1	3	14	23	23	18
Liver and the intrahepatic bile ducts	12	C19-C21	73	0	0	0	0	0	1	3	17	16	23	13
Pancreas	13	C22	35	0	0	0	0	0	1	2	2	13	12	5
Larynx and trachea/bronchus /lung	14	C25	53	0	0	0	0	0	2	3	5	21	16	6
Skin	15	C32-C34	312	0	0	0	0	0	2	19	74	100	94	23
Breast	16	C43	25	0	0	0	0	0	2	3	5	6	7	2
Cervix uteri	17	C50	2	0	0	0	0	0	1	0	1	0	0	0
Other parts of uterus	18	C53	0	0	0	0	0	0	0	0	0	0	0	0
Ovary	19	C54-C55	0	0	0	0	0	0	0	0	0	0	0	0
Prostate	20	C56	0	0	0	0	0	0	0	0	0	0	0	0
Kidney	21	C61	123	0	0	0	0	0	0	1	10	29	48	35
Bladder	22	C64	36	0	0	0	0	0	2	3	7	14	6	4
Lymph/haematopoietic tissue	23	C67	45	0	0	0	0	0	1	1	5	9	16	13
Other malignant neoplasms	24	C81-C96	109	0	1	0	2	2	1	5	9	29	43	17
			151	0	0	1	2	0	7	16	20	40	44	21
Diseases of the blood and immunological disorders	25	D50-D89	12	0	0	0	0	0	1	1	2	0	4	4
Endocrine, Nutritional and metabolic diseases	26	E00-E90	109	0	0	0	0	1	2	2	6	16	47	35
Diabetes mellitus	27	E10-E14	88	0	0	0	0	0	1	1	5	14	40	27
Mental and behavioural disorders	28	F00-F99	98	0	0	0	0	0	0	1	2	7	33	55
Alcohol abuse (including alcoholic psychosis)	29	F10	2	0	0	0	0	0	0	0	1	1	0	0
Drug dependence, toxicomania	30	F11-F16,F18-F19	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of the nervous system and the sense organs	31	G00-H95	176	0	5	2	1	3	2	11	15	31	63	43
Meningitis	32	G00-G03	2	0	0	1	0	0	0	0	0	0	1	0
Diseases of the Circulatory System:-	33	I00-I99	1,413	0	1	0	3	5	24	66	156	269	463	426
Ischaemic heart disease	34	I20-I25	766	0	0	0	1	2	8	43	93	167	239	213
of which: (Acute myocardial infarction)		I21	317	0	0	0	1	1	2	15	32	70	102	94
Other heart disease	35	I30-I33,I39-I52	197	0	1	0	2	1	7	9	23	29	51	74
Cerebrovascular disease	36	I60-I69	257	0	0	0	0	0	5	6	18	38	111	79
Other diseases of circulatory system			193	0	0	0	0	2	4	8	22	35	62	60

Table 16 Female deaths registered classified by cause and age group, January - March 2013

Cause of Death	65 COD Code	ICD-10 Code	Total Females	Age Group										85 and over
				Under 1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	
Total Female Deaths	0	A00-Y89	4,207	29	3	3	11	30	55	155	301	569	1,170	1,881
Infectious and parasitic diseases:-	1	A00-B99	41	1	0	0	0	0	1	4	1	3	8	23
Tuberculosis	2	A15-A19,B90	3	0	0	0	0	0	0	1	0	0	1	1
Meningococcal infection	3	A39	0	0	0	0	0	0	0	0	0	0	0	0
AIDS (HIV Disease)	4	B20-B24	1	0	0	0	0	0	1	0	0	0	0	0
Viral Hepatitis	5	B15-B19	3	0	0	0	0	0	0	1	1	1	0	0
Other infectious and parasitic diseases			34	1	0	0	0	0	0	2	0	2	7	22
Neoplasms	6	C00-D48	1,115	1	0	0	1	4	24	100	174	265	327	219
Malignant Neoplasms of the:-	7	C00-C97	1,089	1	0	0	1	2	24	99	173	261	318	210
Lip, oral cavity, pharynx	8	C00-C14	16	0	0	0	0	0	0	1	8	3	1	3
Oesophagus	9	C15	32	0	0	0	0	0	0	4	7	5	9	7
Stomach	10	C16	32	0	0	0	0	0	0	4	1	5	17	5
Colon	11	C18	47	0	0	0	0	0	1	2	9	3	23	9
Rectum and anus	12	C19-C21	37	0	0	0	0	1	0	5	3	11	10	7
Liver and the intrahepatic bile ducts	13	C22	26	0	0	0	0	0	0	0	3	3	11	9
Pancreas	14	C25	71	0	0	0	0	0	1	7	11	15	22	15
Larynx and trachea/bronchus /lung	15	C32-C34	240	0	0	0	0	0	1	10	36	82	80	31
Skin	16	C43	13	0	0	0	0	0	0	2	2	1	4	4
Breast	17	C50	202	0	0	0	0	1	10	28	45	48	39	31
Cervix uteri	18	C53	20	0	0	0	0	0	4	4	7	2	3	0
Other parts of uterus	19	C54-C55	37	0	0	0	0	0	0	2	5	13	10	7
Ovary	20	C56	63	0	0	0	0	0	1	14	10	12	13	13
Prostate	21	C61	0	0	0	0	0	0	0	0	0	0	0	0
Kidney	22	C64	26	0	0	0	0	0	0	3	3	7	5	8
Bladder	23	C67	11	0	0	0	0	0	0	0	1	1	6	4
Lymph/haematopoietic tissue	24	C81-C96	97	0	0	0	0	0	3	5	8	24	37	20
Other malignant neoplasms			119	1	0	0	1	0	3	8	15	26	28	37
Diseases of the blood and blood-forming organs, immunological disorders	25	D50-D89	15	0	0	0	0	0	0	1	2	4	3	5
Endocrine, Nutritional and metabolic diseases	26	E00-E90	114	0	0	0	1	0	5	0	4	18	40	46
Diabetes mellitus	27	E10-E14	80	0	0	0	0	0	2	0	4	13	31	30
Mental and behavioural disorders	28	F00-F99	219	0	0	1	0	0	0	0	3	12	52	151
Alcohol abuse (including alcoholic psychosis)	29	F10	0	0	0	0	0	0	0	0	0	0	0	0
Drug dependence, toxicomania	30	F11-F16,F18-F19	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of the nervous system and the sense organs	31	G00-H95	252	1	1	1	1	6	2	8	13	27	69	123
Meningitis	32	G00-G03	3	0	0	0	0	0	0	0	0	0	2	1
Diseases of the Circulatory System:-	33	I00-I99	1,384	0	0	0	0	5	8	19	45	124	372	811
Ischaemic heart disease	34	I20-I25	563	0	0	0	0	2	3	7	22	55	141	333
of which: (Acute myocardial infarction)		I21	281	0	0	0	0	1	2	3	12	29	74	161
Other heart disease	35	I30-I33,I39-I52	249	0	0	0	0	1	2	1	6	12	69	158
Cerebrovascular disease	36	I60-I69	341	0	0	0	0	1	0	6	9	30	93	202
Other diseases of circulatory system			231	0	0	0	0	1	3	5	8	27	69	118

Diseases of the Respiratory system	37	J00-J99	574	0	0	1	2	0	0	0	22	74	161	312
Influenza	38	J10-J11	1	0	0	0	0	0	0	0	0	0	0	1
Pneumonia	39	J12-J19	182	0	0	0	1	0	0	0	3	5	42	131
Chronic Lower respiratory disease of which: Asthma	40	J40-J47	290	0	0	1	0	0	0	0	16	57	98	117
Other diseases of the respiratory system	41	J45-J46	10	0	0	1	0	0	0	0	0	0	2	7
			101	0	0	0	1	0	0	0	3	12	21	63
Diseases of the Digestive system	42	K00-K93	168	0	0	0	1	2	6	6	20	22	60	51
Ulcer of stomach, duodenum and jejunum	43	K25-K28	16	0	0	0	0	0	0	0	1	1	8	4
Chronic liver disease	44	K70,K73-K74	30	0	0	0	0	1	4	3	10	9	2	1
Other diseases of the digestive system			122	0	0	0	1	1	2	1	9	12	50	46
Diseases of the skin and subcutaneous tissue	45	L00-L99	6	0	0	0	0	0	0	0	0	1	0	5
Diseases of the musculoskeletal system/connective tissue	46	M00-M99	61	0	0	0	0	1	0	1	5	5	15	34
Rheumatoid arthritis and osteoarthritis	47	M05-M06,M15-M19	23	0	0	0	0	1	0	0	3	3	8	8
Diseases of the genitourinary system	48	N00-N99	126	0	0	0	0	0	0	1	2	8	41	74
Diseases of the kidney and ureter	49	N00-N29	84	0	0	0	0	0	0	1	2	4	31	46
Complications of pregnancy, childbirth and puerperium	50	O00-O99	0	0	0	0	0	0	0	0	0	0	0	0
Certain conditions originating in the perinatal period¹	51	P00-P96	15	15	0	0	0	0	0	0	0	0	0	0
Congenital malformations and chromosomal abnormalities	52	Q00-Q99	11	7	0	0	1	0	1	0	1	0	1	0
Congenital malformations of the:-														
Nervous system	53	Q00-Q07	2	2	0	0	0	0	0	0	0	0	0	0
Circulatory system	54	Q20-Q28	3	2	0	0	1	0	0	0	0	0	0	0
Symptoms, signs, abnormal findings, ill-defined causes	55	R00-R99	17	4	1	0	0	0	0	1	1	0	2	8
Sudden infant death syndrome	56	R95	5	4	1	0	0	0	0	0	0	0	0	0
Unknown and unspecified causes	57	R96-R99	2	0	0	0	0	0	0	0	1	0	1	0
External causes of injury and poisoning	58	V01-Y89	89	0	1	0	4	12	8	12	8	6	19	19
Accidents	59	V01-X59	64	0	1	0	1	7	2	4	7	6	17	19
of which: Transport accidents	60	V01-Y99	5	0	0	0	0	3	0	0	0	0	2	0
Accidental falls	61	W00-W19	21	0	0	0	0	0	0	1	2	4	9	5
Accidental poisoning	62	X40-X49	11	0	0	0	1	2	2	3	2	1	0	0
other accidents			27	0	1	0	0	2	0	0	3	1	6	14
Suicide and intentional self harm	63	X60-X84	15	0	0	0	3	3	5	4	0	0	0	0
Homicide/assault	64	X85-Y09	1	0	0	0	0	0	0	0	0	0	0	0
Events of undetermined intent	65	Y10-Y34	6	0	0	0	0	1	1	3	1	0	0	0
All other external causes			3	0	0	0	0	0	0	1	0	0	2	0

¹ Stillbirths not included.

**Table 17 Infant and neonatal mortality by area of residence of deceased,
January - March 2013**

Area of residence	Infant mortality		Neonatal mortality	
	Number	Rate	Number	Rate
STATE	55	3.1	36	2.0
LEINSTER	23	2.3	16	1.6
Carlow	0	0.0	0	0.0
Dublin City	5	2.6	3	1.6
South Dublin	3	2.7	2	1.8
Fingal	5	3.7	3	2.2
Dun Laoghaire Rathdown	1	1.5	1	1.5
Kildare	2	2.2	2	2.2
Kilkenny	0	0.0	0	0.0
Laois	0	0.0	0	0.0
Longford	0	0.0	0	0.0
Louth	3	6.3	2	4.2
Meath	1	1.2	0	0.0
Offaly	0	0.0	0	0.0
Westmeath	1	2.7	1	2.7
Wexford	1	1.8	1	1.8
Wicklow	1	1.8	1	1.8
MUNSTER	24	5.2	15	3.2
Clare	3	7.3	0	0.0
Cork City	2	4.8	2	4.8
Cork County	7	4.2	4	2.4
Kerry	3	6.6	3	6.6
Limerick City	0	0.0	0	0.0
Limerick County	2	4.4	2	4.4
North Tipperary	3	11.3	2	7.5
South Tipperary	0	0.0	0	0.0
Waterford City	1	5.3	0	0.0
Waterford County	3	13.8	2	9.2
CONNACHT	6	3.0	5	2.5
Galway City	1	3.4	0	0.0
Galway County	4	6.4	4	6.4
Leitrim	0	0.0	0	0.0
Mayo	1	2.1	1	2.1
Roscommon	0	0.0	0	0.0
Sligo	0	0.0	0	0.0
ULSTER (PART OF)	2	2.1	0	0.0
Cavan	1	3.5	0	0.0
Donegal	1	2.2	0	0.0
Monaghan	0	0.0	0	0.0
REGIONAL AUTHORITIES:				
Border	5	2.8	2	1.1
Midland	1	0.9	1	0.9
West	6	3.7	5	3.1
Dublin	14	2.8	9	1.8
Mid-East	4	1.8	3	1.3
Mid-West	8	5.9	4	2.9
South-East	5	2.7	3	1.6
South-West	12	4.8	9	3.6

Infant mortality rates: Deaths of infants under one year per 1,000 live births, classified by area of residence of mother.

Neonatal mortality rates: Deaths of infants under 28 days per 1,000 live births, classified by area of residence of mother.

Infant and neonatal mortality rates in some areas, based on small numbers are subject to considerable fluctuation and caution should be exercised in their interpretation.

Background Notes

Methodology

All figures in this report are classified by quarter of registration. Delay in the registration of some births, deaths and marriages result in them being included in a later period in these quarterly reports.

Changes in methodology

The extension of the Limerick City boundary, which came into operation on 1st March 2008, has been taken into account in the compilation of the statistics from the Second Quarter of 2008. As a result, data for Limerick City and County are not directly comparable with any quarter prior to the Second Quarter 2008.

This publication continues with the 3 major changes in the methods by which mortality statistics are compiled. These changes were introduced in the Vital Statistics First Quarter 2007 publication.

- 1) Underlying Cause of Death is classified according to International Classification of Diseases, Version 10 (ICD10) instead of to International Classification of Diseases, Version 9 (ICD9). In addition, this and future publications will incorporate certain official updates to ICD-10. In particular, mental and behavioural disorders due to psychoactive substance use (F10-F19), with mention of intestinal infectious diseases (A00-A09), accidental, intentional self and undetermined intent poisoning by and exposure to noxious substances (X40-X49, X60-X69, Y10-Y19) or assault by chemical or noxious substance (X85-X90), are now coded to the latter.

<http://www.who.int/classifications/icd/icd10updates/en/index.html>

- 2) Deaths where there was not an inquest have been coded using the automated coding system developed by the U.S National Centre for Health Statistics (NCHS). Previously the Underlying Cause of Death was chosen manually for all deaths.
- 3) All deaths registered in the Quarter have been included in the statistics, in some cases with a provisional cause of death. Previously the practice was not to include deaths in the quarterly statistics until the cause of death had been definitely established.

Because of these changes, caution should be taken in directly comparing these mortality statistics with those of previous quarters. Many countries have found that moving to ICD10 does affect certain specific categories of causes of death. In particular, a significant drop in the number of deaths attributed to pneumonia and bronchopneumonia has been observed in some countries after moving to ICD10. These deaths were instead assigned to other conditions included on the death certificate.

The effect of the third change above has been to increase the number of deaths in our statistics as compared with previous years. Statistics for deaths due to external causes are particularly affected by this change. The previous method meant that some deaths were included in a later quarter of the year from when they had been registered, because of the delay involved in establishing a definite cause of death.

Revised rates

This report contains revisions to previously published rates for Marriages, Births and Deaths with effect from the second quarter of 2007. This is due to revised population estimates and the change from using De Facto population data to Usual Residence population data. All rates for periods prior to the second quarter of 2007 remain unchanged. These revisions were first published in the Vital Statistics First Quarter 2012 report.

Revised figures

This report contains upward revisions to previously published figures for births registered in quarter 3 of 2008, quarter 1 of 2009 and 2010, and also for the previously published numbers for deaths registered in quarter 1 of 2010 and 2011. The natural increase and totals for these years were also revised. These revisions were first published in the Vital Statistics Second Quarter 2011 report.

Glossary of terms

NUTS III Regional Authority areas

Border, Midland, West, Dublin, Mid-East, Mid-West, South-East, South-West

Border: Cavan, Donegal, Leitrim, Louth, Monaghan, Sligo.

Midland: Laois, Longford, Offaly, Westmeath.

West: Galway City, Galway County, Mayo, Roscommon.

Dublin: Dublin City, South Dublin, Fingal, Dun Laoghaire-Rathdown.

Mid-East: Kildare, Meath, Wicklow.

Mid-West: Clare, Limerick City, Limerick County, North Tipperary.

South-East: Carlow, Kilkenny, South Tipperary, Waterford City, Waterford County, Wexford.

South-West: Cork City, Cork County, Kerry.

Appendix

Causes of death Eurostat shortlist (August 1998)

Nr	Disease or external cause	ICD-9 Code	ICD-10 Code
00	All causes of death	001-E999	A00-Y89
01	Infectious and Parasitic Diseases:-	001-139,279.8	A00-B99
02	Tuberculosis	010-018,137	A15-A19,B90
03	Meningococcal Infection	036	A39
04	AIDS (HIV Disease)	042-044,279.8	B20-B24
05	Viral Hepatitis	070	B15-B19
	other Infectious and Parasitic Diseases	Rem (001-139)	Rem (A00-B99)
06	Neoplasms	140-239	C00-D48
07	Malignant Neoplasms of the:-	140-208	C00-C97
08	Lip, Oral Cavity, Pharynx	140-149	C00-C14
09	Oesophagus	150	C15
10	Stomach	151	C16
11	Colon	153	C18
12	Rectum and Anus	154	C19-C20-C21
13	Liver and the Intrahepatic Bile Ducts	155	C22
14	Pancreas	157	C25
15	Larynx and Trachea/Bronchus/Lung	161-162	C32-C34
16	Skin	172	C43
17	Breast	174-175	C50
18	Cervix Uteri	180	C53
19	Other Parts of the Uterus	179,182	C54-C55
20	Ovary	183.0	C56
21	Prostate	185	C61
22	Kidney	189.0	C64
23	Bladder	188	C67
24	Lymph/Haematopoietic Tissue	200-208	C81-C96
	other Malignant Neoplasms	Rem (140-208)	Rem. (C00-C97)
25	Diseases of the Blood and Blood-forming Organs, Immunological disorders ¹	279-289	D50-D89
26	Endocrine, Nutritional and Metabolic Diseases	240-278	E00-E90
27	Diabetes Mellitus	250	E10-E14
28	Mental and Behavioural Disorders	290-319	F00-F99
29	Alcohol abuse (including Alcohol Psychosis)	291,303	F10
30	Drug Dependence, Toxicomania	304-305	F11-F16,F18-F19
31	Diseases of the Nervous System and the Sense Organs	320-389	G00-H95
32	Meningitis	320-322	G00-G03
33	Diseases of the Circulatory System:-	390-459	I00-I99
34	Ischaemic Heart Disease	410-414	I20-I25
	<i>(Acute Myocardial Infarction)</i>	410	I21
35	Other Heart Disease	420-423,425-429	I30-I33,I39-I52
36	Cerebrovascular Disease	430-438	I60-I69
	other Diseases of the Circulatory System	Rem (390-459)	Rem. (I00-I99)
37	Diseases of the Respiratory System	460-519	J00-J99
38	Influenza	487	J10-J11
39	Pneumonia	480-486	J12-J18
40	Chronic Lower Respiratory Disease	490-494,496	J40-J47
41	Asthma	493	J45-J46
	other Diseases of the Respiratory System	Rem (460-519)	Rem. (J00-J99)
42	Diseases of the Digestive System	520-579	K00-K93
43	Ulcer of Stomach, Duodenum and Jejunum	531-534	K25-K28
44	Chronic Liver Disease	571.0-571.9	K70,K73-K74
	other Diseases of the Digestive System	Rem (520-579)	Rem. (K00-K93)
45	Diseases of the Skin and Subcutaneous Tissue	680-709	L00-L99
46	Diseases of the Musculoskeletal System/Connective Tissue	710-739	M00-M99
47	Rheumatoid Arthritis and Osteoarthritis	714-715	M05-M06,M15-M19
48	Diseases of the Genitourinary System	580-629	N00-N99
49	Diseases of the Kidney and Ureter	580-594	N00-N29
50	Complications of Pregnancy, Childbirth and Puerperium	630-676	O00-O99
51	Certain Conditions Originating in the Perinatal Period (stillbirths not included)	760-779	P00-P96
52	Congenital Malformations and Chromosomal Abnormalities	740-759	Q00-Q99
53	Congenital malformations of the Nervous System	740-742	Q00-Q07
54	Congenital malformations of the Circulatory System	745-747	Q20-Q28
55	Symptoms, Signs, Abnormal Findings, Ill-defined Causes	780-799	R00-R99
56	Sudden Infant Death Syndrome	798.0	R95
57	Unknown and Unspecified Causes	798.1-9,799	R96-R99
	Injury and Poisoning	800-999	S00-T98
58	External Causes of Injury and Poisoning (included in the Foregoing)	E800-E999	V01-Y89
59	Accidents	E800-E929	V01-X59
60	Transport Accidents	E800-E848	V01-V99
	Road transport Accidents	E810-E829, E929.0	V01-V80,V87,V89,Y85
	Motor vehicle transport Accidents	E810-E819	
61	Accidental Falls	E880-E888	W00-W19
62	Accidental Poisoning	E850-E869	X40-X49
	other accidents	Rem (E800-E929)	Rem (V01-X59)
63	Suicide and Intentional Self Harm	E950-E959	X60-X84
64	Homicide/Assault	E960-E969	X85-Y09
65	Cause Undetermined	E980-E989	Y10-Y34
	other External Causes	Rem (E930-E999)	

¹ 279.8 not included

Table A Estimated Population classified by Sex and Age Group, 2007 - 2012¹*thousands*

Sex and Age Group	Persons in April of each year					
	2007	2008	2009	2010	2011 ²	2012 ³
Total Persons	4,375.8	4,485.1	4,533.4	4,554.8	4,574.9	4,585.4
0 - 4 years	310.5	324.0	335.2	347.0	356.0	364.6
5 - 9 "	297.2	306.2	310.7	314.6	319.6	324.8
10 - 14 "	276.5	283.1	290.5	296.1	301.0	305.4
15 - 19 "	291.4	295.6	294.3	289.4	281.0	275.7
20 - 24 "	371.7	373.6	354.4	326.3	298.6	277.7
25 - 29 "	399.8	408.3	400.6	381.6	362.9	341.2
30 - 34 "	361.3	369.5	374.5	381.2	393.4	392.3
35 - 39 "	335.3	348.6	356.3	359.7	363.1	364.3
40 - 44 "	308.1	313.6	316.7	321.8	329.3	335.7
45 - 49 "	281.2	288.5	295.6	300.9	304.1	308.1
50 - 54 "	253.2	258.0	262.3	267.4	273.7	278.2
55 - 59 "	227.9	232.6	235.7	239.6	243.4	248.0
60 - 64 "	190.7	199.8	207.7	214.0	217.1	220.0
65 - 69 "	144.1	149.8	156.6	163.5	172.1	181.5
70 - 74 "	119.5	121.7	124.6	127.9	130.1	132.7
75 - 79 "	92.5	94.5	96.8	99.1	101.4	103.6
80 - 84 "	65.6	65.9	66.9	68.4	69.8	71.0
85 years and over	49.4	51.9	54.0	56.1	58.2	60.5
Total males	2,191.3	2,238.6	2,257.3	2,262.2	2,270.5	2,269.6
0 - 4 years	159.4	165.9	171.4	177.6	182.0	186.0
5 - 9 "	151.9	156.3	158.5	160.8	163.5	166.1
10 - 14 "	141.9	145.3	149.2	152.1	154.5	156.4
15 - 19 "	147.5	149.6	150.3	147.7	143.7	141.3
20 - 24 "	187.6	186.5	173.5	160.1	148.6	138.6
25 - 29 "	202.6	204.7	198.4	186.1	175.1	163.5
30 - 34 "	184.6	186.9	188.1	189.8	194.9	191.3
35 - 39 "	171.3	177.6	180.3	181.0	181.9	181.5
40 - 44 "	154.9	157.5	159.5	162.2	165.9	168.5
45 - 49 "	141.2	144.5	147.9	149.8	151.3	153.1
50 - 54 "	127.4	129.5	131.6	133.7	136.7	138.2
55 - 59 "	115.2	117.3	118.7	120.3	121.8	123.6
60 - 64 "	96.1	101.0	104.9	107.6	109.2	110.0
65 - 69 "	71.9	74.4	78.0	81.5	85.6	90.6
70 - 74 "	56.9	58.1	59.8	61.8	62.9	64.4
75 - 79 "	40.8	42.4	43.9	45.1	46.3	47.6
80 - 84 "	25.0	25.3	26.3	27.3	28.3	29.4
85 years and over	15.2	15.9	16.8	17.7	18.4	19.4
Total females	2,184.6	2,246.5	2,276.1	2,292.6	2,304.4	2,315.8
0 - 4 years	151.1	158.1	163.8	169.4	174.1	178.6
5 - 9 "	145.4	150.0	152.2	153.8	156.2	158.7
10 - 14 "	134.6	137.9	141.2	144.0	146.6	149.0
15 - 19 "	144.0	146.0	143.9	141.7	137.4	134.4
20 - 24 "	184.1	187.1	180.9	166.2	149.9	139.2
25 - 29 "	197.2	203.6	202.1	195.6	187.8	177.7
30 - 34 "	176.8	182.6	186.4	191.4	198.5	201.0
35 - 39 "	164.0	171.0	176.0	178.7	181.2	182.9
40 - 44 "	153.2	156.1	157.3	159.6	163.4	167.1
45 - 49 "	140.1	143.9	147.7	151.1	152.9	155.0
50 - 54 "	125.8	128.5	130.7	133.7	137.1	140.0
55 - 59 "	112.7	115.3	117.0	119.3	121.6	124.3
60 - 64 "	94.5	98.8	102.8	106.4	107.9	109.9
65 - 69 "	72.2	75.4	78.6	82.0	86.5	90.9
70 - 74 "	62.6	63.6	64.8	66.2	67.2	68.3
75 - 79 "	51.6	52.1	52.9	54.0	55.0	55.9
80 - 84 "	40.5	40.5	40.6	41.0	41.5	41.6
85 years and over	34.2	36.0	37.2	38.5	39.8	41.1

¹ The population estimates for year ending April 2007 and later periods are based on the Usual Residence concept.² Census of Population³ Preliminary

