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Central Statistics Office

Report on Vital Statistics

Turascáil ar Staidreamh Beatha

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Chapter 1

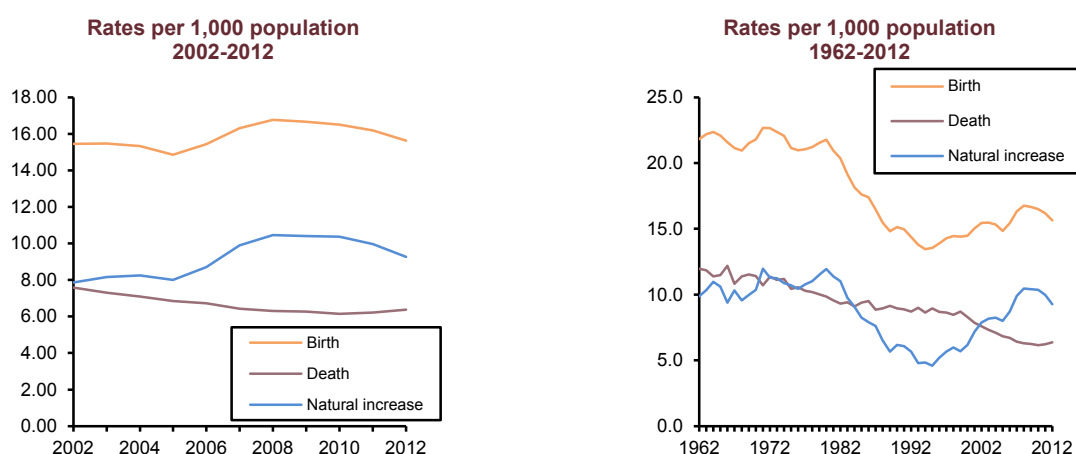
General Summary 2012

Chapter 1 - General Summary 2012

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

The main statistics contained in this report have already been published, classified by year of registration, in the CSO's Quarterly Vital Statistics reports. This annual report provides additional information on the births and deaths that occurred in 2012. The year of occurrence data have been compiled from registration data for 2012 and 2013.

This report also includes information on registered stillbirths. This replaced the series on late foetal deaths compiled up to 1994. Registration of stillbirths became available following the introduction of the Stillbirths Registration Act 1994. This act was subsequently superseded by the Civil Registration Act 2004 (part 3 refers).



Live Births: There were 71,674 children born in Ireland during 2012, down 2,359 or 3.2% from 2011. Excluding 2008, 2009, 2010 and 2011 the number of births in 2012 is the highest number of births since 1980.

The birth rate was 15.6 per 1,000 of the population compared with 16.2 in 2011 and 15.5 in 2002.

The total period fertility rate (TPFR), or the average number of children per woman, was 1.99 in 2012, 0.03 lower than 2011, and just below replacement level. A value of 2.1 is generally taken to be the level at which a generation would replace itself in the long run, ignoring migration. See *Chapter 2*.

Ireland has the second highest fertility rate of the 27 EU member states in 2012 at 1.99 children per woman.

In 2012, there were 26,028 babies born to women aged 30 to 34, the highest number of all 5 year age-groups representing over a third of all births (36.3%).

In 1993, there was an important shift in the age structure of fertility. Prior to 1993, the age-specific fertility rate was highest among women aged 25 to 29. (The age-specific fertility rate is the number of births per woman within a specific age group.) In 1993 the highest fertility rate shifted from that age group to women aged 30 to 34.

Just over 23.2% of births in 2012 were to mothers of non-Irish nationality.

The number of births outside marriage/civil partnership that occurred in 2012 was 25,179 or 35.1% of all births. *See chapter 2.*

In 2012, Wednesday the 4th of July saw the highest number of babies born in one single day (269). The lowest number of babies born in one day in the year was on the 22nd April (107).

Deaths: There were 29,186 deaths in Ireland in 2012, of which 14,945 were males and 14,241 were females. This is equivalent to a rate of 6.36 deaths per 1,000 total population compared with 6.22 in 2011 and 7.58 in 2002. Despite the slight rate increase over the two years 2011 and 2012, the crude death rate per 1,000 of population has shown a gradual downward trend since the beginning of the century with the most striking long-term falls occurring in the death rates at the younger ages.

Diseases of the circulatory system, neoplasms and diseases of the respiratory system were responsible for just under 75% of the 29,186 deaths in 2012.

Diseases of the circulatory system accounted for 32.5% of deaths, neoplasms 30.1% and diseases of the respiratory system 12.0% in 2012.

Ranked in order, the other eight leading causes of death were external causes of injury and poisoning at 5.4% of deaths, diseases of the nervous system, diseases of the digestive system, mental and behavioural disorders, endocrine, nutritional and metabolic diseases, diseases of the genitourinary system, with infectious and parasitic diseases and diseases of musculoskeletal system and connective tissue both at 0.8% of deaths.

The leading causes of death varied widely by age group in 2012. Among young adults aged 15 to 44, external causes of injury and poisoning ranked first.

Among individuals aged 45 to 74, neoplasms was the leading cause, while for those aged 75 and older, it was diseases of the circulatory system. *See chapter 3.*

Infant Mortality: During 2012 the number of deaths of infants under one year of age was 237 compared with 262 in 2011. The corresponding rate decreased from 3.5 to 3.3 per 1,000 live births. *See chapter 4.*

Stillbirths: The number of stillbirths occurring during 2012 was 188 compared with 211 in 2011. The respective corresponding rates for 2012 and 2011 were 2.6 and 2.8 per 1,000 live and stillborn children. *See chapter 4.*

Population: The estimated usual residence population in April 2012 was 4,585,400: 2,269,600 males and 2,315,800 females.

Usual residence population concept: For the purpose of this release the population concept of usual residence has been used, i.e. all persons usually resident and present in the State on census night *plus* absent persons who are usually resident in Ireland but are temporarily away from home *and outside the State* on census night. All persons are classified according to their region of usual residence.

Issue of Authority for Registration: Births and deaths (where no inquest has been held) which have not been registered within one year of their occurrence can be registered only on the authority of the Superintendent Registrars. The tables in the main body of this report exclude such births and deaths. The Appendix to the report contains an analysis of late death registrations in 2012 and of some deaths where an inquest has been held. The number of such deaths registered in 2012 was 555.

More up to date information on Vital Statistics is published in the Quarterly Report on Births, Deaths and Marriages published about six months after the end of the quarter to which the data relate. In the Quarterly Report, births and deaths are classified according to quarter of registration.

Births are classified according to the area of residence of the mother and deaths according to the area of residence of the deceased. Births and deaths for each year since 1943 exclude late registrations; while deaths for each of the years 1940 to 1967 exclude non-residents. From 1968 however, the number of deaths includes non-residents.

For more detailed information and breakdowns in relation to the births and deaths please go to:

<http://www.cso.ie/en/releasesandpublications/>

Tables

Table 1.1 Estimated population in thousands in each year 1851 - 2012¹

Year	Persons	Males	Females	Year	Persons	Males	Females	Year	Persons	Males	Females
1851	5,079	2,486	2,593	1911	3,132	1,586	1,546	1971	2,978	1,496	1,482
1852	4,927	2,413	2,514	1912	3,120	1,581	1,539	1972	3,024	1,519	1,505
1853	4,807	2,358	2,449	1913	3,103	1,572	1,531	1973	3,073	1,544	1,529
1854	4,704	2,311	2,393	1914	3,092	1,568	1,524	1974	3,124	1,570	1,554
1855	4,638	2,281	2,357	1915	3,068	1,546	1,522	1975	3,177	1,597	1,580
1856	4,594	2,261	2,333	1916	3,068	1,549	1,519	1976	3,228	1,623	1,605
1857	4,540	2,234	2,306	1917	3,065	1,551	1,514	1977	3,272	1,645	1,627
1858	4,506	2,217	2,289	1918	3,066	1,553	1,513	1978	3,314	1,666	1,648
1859	4,471	2,199	2,272	1919	3,102	1,598	1,504	1979	3,368	1,693	1,675
1860	4,428	2,179	2,249	1920	3,103	1,598	1,505	1980	3,401	1,709	1,692
1861	4,393	2,164	2,229	1921	3,096	1,599	1,497	1981	3,443	1,729	1,714
1862	4,377	2,158	2,219	1922	3,022	1,529	1,493	1982	3,480	1,746	1,734
1863	4,328	2,134	2,194	1923	3,014	1,526	1,488	1983	3,504	1,756	1,748
1864	4,263	2,103	2,160	1924	3,005	1,521	1,484	1984	3,529	1,767	1,762
1865	4,223	2,084	2,139	1925	2,985	1,512	1,473	1985	3,540	1,771	1,769
1866	4,163	2,051	2,112	1926	2,971	1,507	1,464	1986	3,541	1,770	1,771
1867	4,130	2,033	2,097	1927	2,957	1,502	1,455	1987	3,547	1,770	1,776
1868	4,109	2,022	2,087	1928	2,944	1,498	1,446	1988	3,531	1,759	1,772
1869	4,090	2,012	2,078	1929	2,937	1,496	1,441	1989	3,510	1,744	1,766
1870	4,062	1,996	2,066	1930	2,927	1,493	1,434	1990	3,506	1,743	1,763
1871	4,042	1,986	2,056	1931	2,933	1,497	1,436	1991	3,526	1,753	1,772
1872	4,023	1,975	2,048	1932	2,949	1,505	1,444	1992	3,555	1,768	1,786
1873	3,989	1,955	2,034	1933	2,962	1,512	1,450	1993	3,574	1,778	1,796
1874	3,966	1,944	2,022	1934	2,971	1,518	1,453	1994	3,586	1,783	1,803
1875	3,951	1,940	2,011	1935	2,971	1,520	1,451	1995	3,601	1,788	1,813
1876	3,949	1,942	2,007	1936	2,967	1,520	1,447	1996	3,626	1,800	1,826
1877	3,956	1,947	2,009	1937	2,948	1,510	1,438	1997	3,664	1,819	1,845
1878	3,952	1,948	2,004	1938	2,937	1,505	1,432	1998	3,703	1,839	1,864
1879	3,939	1,944	1,995	1939	2,934	1,503	1,431	1999	3,742	1,859	1,883
1880	3,891	1,920	1,971	1940	2,958	1,515	1,443	2000	3,790	1,883	1,907
1881	3,847	1,901	1,946	1941	2,993	1,533	1,460	2001	3,847	1,913	1,934
1882	3,808	1,882	1,926	1942	2,963	1,499	1,464	2002	3,917	1,946	1,971
1883	3,745	1,853	1,892	1943	2,946	1,490	1,456	2003	3,980	1,977	2,003
1884	3,703	1,834	1,869	1944	2,944	1,487	1,457	2004	4,045	2,012	2,033
1885	3,671	1,820	1,851	1945	2,952	1,490	1,462	2005	4,134	2,062	2,072
1886	3,642	1,808	1,834	1946	2,957	1,496	1,461	2006	4,240	2,121	2,119
1887	3,600	1,788	1,812	1947	2,974	1,505	1,469	2007	4,376	2,191	2,185
1888	3,554	1,766	1,788	1948	2,985	1,512	1,473	2008	4,485	2,239	2,247
1889	3,516	1,748	1,768	1949	2,981	1,513	1,468	2009	4,533	2,257	2,276
1890	3,482	1,733	1,749	1950	2,969	1,510	1,459	2010	4,555	2,262	2,293
1891	3,449	1,718	1,731	1951	2,961	1,507	1,454	2011	4,575	2,271	2,304
1892	3,408	1,697	1,711	1952	2,953	1,501	1,452	2012	4,585	2,270	2,316
1893	3,382	1,684	1,698	1953	2,949	1,498	1,451				
1894	3,362	1,675	1,687	1954	2,941	1,493	1,448				
1895	3,333	1,662	1,671	1955	2,921	1,479	1,442				
1896	3,314	1,653	1,661	1956	2,898	1,463	1,435				
1897	3,298	1,646	1,652	1957	2,885	1,456	1,429				
1898	3,283	1,640	1,643	1958	2,853	1,439	1,414				
1899	3,265	1,631	1,634	1959	2,846	1,435	1,411				
1900	3,234	1,616	1,618	1960	2,832	1,427	1,405				
1901	3,213	1,607	1,606	1961	2,818	1,417	1,402				
1902	3,200	1,603	1,597	1962	2,830	1,423	1,407				
1903	3,185	1,599	1,586	1963	2,850	1,433	1,417				
1904	3,175	1,597	1,578	1964	2,864	1,440	1,424				
1905	3,165	1,594	1,571	1965	2,876	1,446	1,430				
1906	3,160	1,593	1,567	1966	2,884	1,449	1,435				
1907	3,151	1,589	1,562	1967	2,900	1,457	1,443				
1908	3,145	1,588	1,557	1968	2,913	1,464	1,449				
1909	3,142	1,589	1,553	1969	2,926	1,470	1,455				
1910	3,139	1,588	1,551	1970	2,950	1,482	1,468				

¹The population estimates for year ending April 2007 and later periods are based on the usual residences concept. (See explanation page 8)
For previous periods the defacto concept was used.

Table 1.2 Estimated population (thousands) by gender and age-group, 2008 to 2012¹

Sex and Age-group	2008	2009	2010	2011	2012
Total persons	4,485.1	4,533.4	4,554.8	4,574.9	4,585.4
0 - 4 years	324.0	335.2	347.0	356.0	364.6
5 - 9 years	306.2	310.7	314.6	319.6	324.8
10 - 14 years	283.1	290.5	296.1	301.0	305.4
15 - 19 years	295.6	294.3	289.4	281.0	275.7
20 - 24 years	373.6	354.4	326.3	298.6	277.7
25 - 29 years	408.3	400.6	381.6	362.9	341.2
30 - 34 years	369.5	374.5	381.2	393.4	392.3
35 - 39 years	348.6	356.3	359.7	363.1	364.3
40 - 44 years	313.6	316.7	321.8	329.3	335.7
45 - 49 years	288.5	295.6	300.9	304.1	308.1
50 - 54 years	258.0	262.3	267.4	273.7	278.2
55 - 59 years	232.6	235.7	239.6	243.4	248.0
60 - 64 years	199.8	207.7	214.0	217.1	220.0
65 - 69 years	149.8	156.6	163.5	172.1	181.5
70 - 74 years	121.7	124.6	127.9	130.1	132.7
75 - 79 years	94.5	96.8	99.1	101.4	103.6
80 - 84 years	65.9	66.9	68.4	69.8	71.0
85 years and over	51.9	54.0	56.1	58.2	60.5
Total males	2,238.6	2,257.3	2,262.2	2,270.5	2,269.6
0 - 4 years	165.9	171.4	177.6	182.0	186.0
5 - 9 years	156.3	158.5	160.8	163.5	166.1
10 - 14 years	145.3	149.2	152.1	154.5	156.4
15 - 19 years	149.6	150.3	147.7	143.7	141.3
20 - 24 years	186.5	173.5	160.1	148.6	138.6
25 - 29 years	204.7	198.4	186.1	175.1	163.5
30 - 34 years	186.9	188.1	189.8	194.9	191.3
35 - 39 years	177.6	180.3	181.0	181.9	181.5
40 - 44 years	157.5	159.5	162.2	165.9	168.5
45 - 49 years	144.5	147.9	149.8	151.3	153.1
50 - 54 years	129.5	131.6	133.7	136.7	138.2
55 - 59 years	117.3	118.7	120.3	121.8	123.6
60 - 64 years	101.0	104.9	107.6	109.2	110.0
65 - 69 years	74.4	78.0	81.5	85.6	90.6
70 - 74 years	58.1	59.8	61.8	62.9	64.4
75 - 79 years	42.4	43.9	45.1	46.3	47.6
80 - 84 years	25.3	26.3	27.3	28.3	29.4
85 years and over	15.9	16.8	17.7	18.4	19.4
Total females	2,246.5	2,276.0	2,292.6	2,304.4	2,315.8
0 - 4 years	158.1	163.8	169.4	174.1	178.6
5 - 9 years	150.0	152.2	153.8	156.2	158.7
10 - 14 years	137.9	141.2	144.0	146.6	149.0
15 - 19 years	146.0	143.9	141.7	137.4	134.4
20 - 24 years	187.1	180.9	166.2	149.9	139.2
25 - 29 years	203.6	202.1	195.6	187.8	177.7
30 - 34 years	182.6	186.4	191.4	198.5	201.0
35 - 39 years	171.0	176.0	178.7	181.2	182.9
40 - 44 years	156.1	157.3	159.6	163.4	167.1
45 - 49 years	143.9	147.7	151.1	152.9	155.0
50 - 54 years	128.5	130.7	133.7	137.1	140.0
55 - 59 years	115.3	117.0	119.3	121.6	124.3
60 - 64 years	98.8	102.8	106.4	107.9	109.9
65 - 69 years	75.4	78.6	82.0	86.5	90.9
70 - 74 years	63.6	64.8	66.2	67.2	68.3
75 - 79 years	52.1	52.9	54.0	55.0	55.9
80 - 84 years	40.5	40.6	41.0	41.5	41.6
85 years and over	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 residences concept. For previous periods the defacto concept was used.

Table 1.3 Population by sex of each County and City according to the Census of Population, 2011

Province, County or City	Persons	Males	Females
STATE	4,574,888	2,270,506	2,304,382
LEINSTER	2,499,097	1,233,078	1,266,019
Carlow	54,723	27,574	27,149
Dublin City	514,142	251,123	263,019
South Dublin	266,751	130,475	136,276
Fingal	275,136	135,344	139,792
Dún Laoghaire-Rathdown	205,508	98,443	107,065
Kildare	210,866	105,093	105,773
Kilkenny	95,739	48,058	47,681
Laois	81,101	40,947	40,154
Longford	39,442	19,935	19,507
Louth	123,573	61,289	62,284
Meath	185,914	92,998	92,916
Offaly	76,987	38,522	38,465
Westmeath	86,241	42,955	43,286
Wexford	145,945	72,428	73,517
Wicklow	137,029	67,894	69,135
MUNSTER	1,243,006	619,904	623,102
Clare	116,915	58,287	58,628
Cork City	116,826	57,520	59,306
Cork County	402,079	200,252	201,827
Kerry	143,405	71,819	71,586
Limerick City	56,194	27,651	28,543
Limerick County	133,635	67,443	66,192
Tipperary North	71,055	35,689	35,366
Tipperary South	89,046	44,609	44,437
Waterford City	46,364	22,806	23,558
Waterford County	67,487	33,828	33,659
CONNACHT	537,753	269,057	268,696
Galway City	71,661	34,684	36,977
Galway County	174,713	88,162	86,551
Leitrim	32,078	16,282	15,796
Mayo	130,163	65,224	64,939
Roscommon	64,310	32,441	31,869
Sligo	64,828	32,264	32,564
ULSTER (Part of)	295,032	148,467	146,565
Cavan	73,365	37,164	36,201
Donegal	160,641	80,534	80,107
Monaghan	61,026	30,769	30,257

Table 1.4 Births, deaths and natural increase and their rates per 1,000 population, 1864-2012¹

Period	Births		Deaths		Natural Increase	
	Number	Rate	Number	Rate	Number	Rate
1864-1870	106,926	25.79	67,323	16.23	39,603	9.56
1871-1880	104,379	26.31	69,611	18.06	34,768	8.25
1881-1890	83,762	22.88	64,220	17.56	19,542	5.32
1891-1900	73,995	22.20	58,994	17.70	15,001	4.50
1901-1910	71,380	22.54	53,577	16.91	17,803	5.63
1911-1920	66,507	21.50	51,453	16.64	15,054	4.86
1921-1930	60,406	20.21	43,203	14.45	17,203	5.76
1931-1940	57,105	19.34	41,841	14.17	15,264	5.17
1941-1950	65,010	21.90	41,450	13.97	23,560	7.94
1951-1960	61,664	21.24	35,374	12.18	26,290	9.06
1961-1970	62,417	21.67	33,574	11.66	28,843	10.01
1971-1980	69,439	21.75	33,727	10.57	35,712	11.18
1981-1990	61,629	17.54	32,376	9.22	29,253	8.33
1991-2000	51,627	14.20	31,646	8.70	19,981	5.49
2001-2010	66,595	15.81	28,711	6.82	37,883	9.00
1999	53,924	14.41	32,608	8.71	21,316	5.70
2000	54,789	14.46	31,391	8.28	23,398	6.17
2001	57,854	15.04	30,212	7.85	27,642	7.18
2002	60,503	15.45	29,683	7.58	30,820	7.87
2003	61,529	15.46	29,074	7.31	32,455	8.16
2004	61,972	15.33	28,665	7.09	33,307	8.24
2005	61,372	14.85	28,260	6.84	33,112	8.01
2006	65,425	15.43	28,488	6.72	36,937	8.71
2007	71,389	16.31	28,117	6.43	43,272	9.89
2008	75,173	16.76	28,274	6.30	46,899	10.46
2009	75,554	16.67	28,380	6.26	47,174	10.41
2010	75,174	16.50	27,961	6.14	47,213	10.37
2011	74,033	16.18	28,456	6.22	45,577	9.96
2012	71,674	15.63	29,186	6.36	42,488	9.27

¹ The population estimates for year ending April 2007 and later periods are based on the usual residences concept. De Facto used prior to 2007.

Table 1.5 Births and deaths by gender, 1864-2012

Period	Births			Deaths		
	Male	Female	Males per 1,000 females	Male	Female	Males per 1,000 females
1864-1870	54,927	51,999	1,056	33,878	33,445	1,013
1871-1880	53,604	50,775	1,056	36,224	33,387	1,085
1881-1890	43,077	40,685	1,059	32,233	31,987	1,008
1891-1900	37,982	36,013	1,055	29,468	29,526	998
1901-1910	36,666	34,714	1,056	27,031	26,546	1,018
1911-1920	34,206	32,301	1,059	26,131	25,322	1,032
1921-1930	30,983	29,423	1,053	21,850	21,353	1,023
1931-1940	29,279	27,826	1,052	21,469	20,372	1,054
1941-1950	33,495	31,515	1,063	21,726	19,724	1,101
1951-1960	31,606	30,058	1,052	18,999	16,375	1,160
1961-1970	32,053	30,364	1,056	18,221	15,353	1,187
1971-1980	35,715	33,724	1,059	18,390	15,337	1,199
1981-1990	31,747	29,882	1,062	17,572	14,804	1,187
1991-2000	26,615	25,012	1,064	16,645	15,001	1,110
2001-2010	34,145	32,450	1,052	14,769	13,942	1,059
1999	27,817	26,107	1,065	16,961	15,647	1,084
2000	28,175	26,614	1,059	16,192	15,199	1,065
2001	29,684	28,170	1,054	15,691	14,521	1,081
2002	31,013	29,490	1,052	15,390	14,293	1,077
2003	31,455	30,074	1,046	14,882	14,192	1,049
2004	31,966	30,006	1,065	14,801	13,864	1,068
2005	31,489	29,883	1,054	14,412	13,848	1,041
2006	33,655	31,770	1,059	14,605	13,883	1,052
2007	36,487	34,902	1,045	14,391	13,726	1,048
2008	38,619	36,554	1,056	14,457	13,817	1,046
2009	38,682	36,872	1,049	14,727	13,653	1,079
2010	38,395	36,779	1,044	14,334	13,627	1,052
2011	37,898	36,135	1,049	14,492	13,964	1,038
2012	36,890	34,784	1,061	14,945	14,241	1,049

Table 1.6 Births and deaths by month and quarter of occurrence 2003-2012

Period	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Births										
Month ending										
January	4,979	5,170	4,941	5,074	5,611	6,145	6,219	6,351	6,045	5,985
February	4,552	4,767	4,552	4,774	5,006	5,690	5,605	5,514	5,649	5,753
March	5,239	5,254	5,225	5,428	5,812	6,167	6,316	6,351	6,297	6,061
April	5,121	5,102	4,922	5,100	5,598	6,127	6,230	6,016	5,977	5,783
May	5,405	5,088	5,109	5,585	6,124	6,528	6,308	6,280	6,257	6,135
June	5,199	5,162	5,174	5,556	5,885	6,235	6,388	6,325	6,221	5,923
July	5,453	5,409	5,555	5,652	6,251	6,718	6,727	6,451	6,468	6,305
August	5,171	5,210	5,322	5,862	6,520	6,209	6,362	6,162	6,377	6,110
September	5,289	5,434	5,338	5,837	6,355	6,529	6,439	6,563	6,408	6,007
October	5,296	5,092	5,078	5,622	6,239	6,421	6,361	6,507	6,165	6,111
November	4,793	5,087	5,050	5,520	5,960	5,992	6,181	6,255	5,909	5,818
December	5,032	5,197	5,106	5,415	6,028	6,412	6,418	6,399	6,260	5,683
Quarter ending										
March	14,770	15,191	14,718	15,276	16,429	18,002	18,140	18,216	17,991	17,799
June	15,725	15,352	15,205	16,241	17,607	18,890	18,926	18,621	18,455	17,841
September	15,913	16,053	16,215	17,351	19,126	19,456	19,528	19,176	19,253	18,422
December	15,121	15,376	15,234	16,557	18,227	18,825	18,960	19,161	18,334	17,612
Total	61,529	61,972	61,372	65,425	71,389	75,173	75,554	75,174	74,033	71,674
Quarter ending	Equivalent annual birth rate per 1,000 corresponding population									
March	14.8	15.0	14.2	14.4	15.0	16.1	16.0	16.0	15.7	15.5
June	15.8	15.2	14.7	15.3	16.1	16.8	16.7	16.4	16.1	15.6
September	16.0	15.9	15.7	16.4	17.5	17.4	17.2	16.8	16.8	16.1
December	15.2	15.2	14.7	15.6	16.7	16.8	16.7	16.8	16.0	15.4
Total	15.5	15.3	14.8	15.4	16.3	16.8	16.7	16.5	16.2	15.6
Deaths										
Month ending										
January	2,666	2,893	2,801	2,667	2,652	2,690	3,274	2,931	2,830	2,694
February	2,433	2,466	2,398	2,432	2,545	2,320	2,350	2,293	2,300	2,515
March	2,599	2,542	2,660	2,739	2,578	2,664	2,383	2,385	2,580	2,631
April	2,537	2,383	2,485	2,505	2,399	2,469	2,252	2,240	2,351	2,374
May	2,370	2,284	2,385	2,337	2,177	2,352	2,284	2,306	2,362	2,424
June	2,267	2,245	2,217	2,155	2,207	1,971	2,158	2,220	2,194	2,224
July	2,171	2,198	2,112	2,308	2,228	2,321	2,133	2,044	2,269	2,220
August	2,173	2,187	2,076	2,132	2,205	2,197	2,139	2,070	2,151	2,269
September	2,156	2,118	2,154	2,191	2,079	2,116	2,104	2,138	2,265	2,173
October	2,571	2,409	2,254	2,168	2,266	2,202	2,347	2,341	2,314	2,475
November	2,492	2,343	2,233	2,283	2,197	2,280	2,342	2,280	2,196	2,406
December	2,639	2,597	2,485	2,571	2,584	2,692	2,614	2,713	2,644	2,781
Quarter ending										
March	7,698	7,901	7,859	7,838	7,775	7,674	8,007	7,609	7,710	7,840
June	7,174	6,912	7,087	6,997	6,783	6,792	6,694	6,766	6,907	7,022
September	6,500	6,503	6,342	6,631	6,512	6,634	6,376	6,252	6,685	6,662
December	7,702	7,349	6,972	7,022	7,047	7,174	7,303	7,334	7,154	7,662
Total	29,074	28,665	28,260	28,488	28,117	28,274	28,380	27,961	28,456	29,186
Quarter ending	Equivalent annual death rate per 1,000 corresponding population									
March	7.7	7.8	7.6	7.4	7.1	6.8	7.1	6.7	6.7	6.9
June	7.2	6.8	6.9	6.6	6.2	6.1	5.9	5.9	6.0	6.1
September	6.5	6.4	6.1	6.3	6.0	5.9	5.6	5.5	5.8	5.8
December	7.7	7.3	6.7	6.6	6.4	6.4	6.4	6.4	6.3	6.7
Total	7.3	7.1	6.8	6.7	6.4	6.3	6.3	6.1	6.2	6.4

Table 1.7 Births by date of occurrence, in

Date of occurrence	January			February			March		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	72	69	141	98	107	205	121	102	223
2nd	76	65	141	125	133	258	111	107	218
3rd	102	110	212	110	109	219	88	89	177
4th	123	114	237	69	83	152	68	82	150
5th	112	132	244	56	72	128	120	106	226
6th	123	123	246	105	95	200	119	116	235
7th	84	76	160	125	107	232	106	87	193
8th	62	64	126	134	103	237	111	113	224
9th	120	90	210	110	103	213	113	116	229
10th	103	88	191	128	89	217	77	64	141
11th	118	89	207	95	73	168	68	72	140
12th	129	90	219	77	75	152	93	93	186
13th	98	103	201	102	78	180	109	119	228
14th	73	74	147	104	118	222	98	136	234
15th	65	76	141	128	101	229	107	102	209
16th	118	89	207	121	103	224	105	105	210
17th	113	83	196	102	91	193	75	78	153
18th	121	112	233	88	95	183	75	78	153
19th	106	105	211	72	59	131	69	73	142
20th	113	108	221	116	90	206	127	102	229
21st	86	89	175	108	108	216	87	101	188
22nd	65	61	126	122	114	236	114	107	221
23rd	112	95	207	105	109	214	110	119	229
24th	121	96	217	102	108	210	83	78	161
25th	107	99	206	72	64	136	76	71	147
26th	120	118	238	73	65	138	94	96	190
27th	110	96	206	99	92	191	106	112	218
28th	77	82	159	113	116	229	113	110	223
29th	63	63	126	124	110	234	105	109	214
30th	94	100	194	-	-	-	125	104	229
31st	136	104	240	-	-	-	84	57	141
Total	3,122	2,863	5,985	2,983	2,770	5,753	3,057	3,004	6,061

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	77	79	156	120	124	244	85	72	157
2nd	100	101	201	127	133	260	59	55	114
3rd	122	121	243	141	104	245	105	86	191
4th	141	128	269	91	80	171	106	91	197
5th	130	119	249	85	59	144	88	99	187
6th	112	108	220	84	54	138	105	109	214
7th	71	100	171	83	120	203	96	116	212
8th	71	46	117	113	101	214	93	56	149
9th	106	97	203	139	101	240	77	66	143
10th	93	115	208	109	119	228	105	123	228
11th	122	94	216	66	83	149	98	110	208
12th	131	120	251	77	79	156	109	102	211
13th	116	92	208	112	87	199	105	115	220
14th	86	76	162	96	101	197	108	120	228
15th	57	76	133	127	91	218	83	89	172
16th	121	95	216	126	125	251	91	63	154
17th	106	107	213	111	104	215	115	106	221
18th	121	120	241	75	68	143	110	111	221
19th	116	116	232	73	59	132	135	119	254
20th	109	115	224	81	94	175	126	123	249
21st	89	77	166	115	113	228	130	105	235
22nd	69	66	135	91	118	209	86	91	177
23rd	99	116	215	109	104	213	67	72	139
24th	129	107	236	110	107	217	120	106	226
25th	115	98	213	75	83	158	121	133	254
26th	139	109	248	77	74	151	121	126	247
27th	108	106	214	104	101	205	143	111	254
28th	75	86	161	99	95	194	135	102	237
29th	55	87	142	91	99	190	78	86	164
30th	127	94	221	107	103	210	73	71	144
31st	121	100	221	103	110	213	-	-	-
Total	3,234	3,071	6,305	3,117	2,993	6,110	3,073	2,934	6,007

each month during 2012

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	81	57	138	111	125	236	115	101	216
2nd	105	85	190	126	103	229	73	76	149
3rd	117	103	220	130	105	235	79	68	147
4th	108	105	213	124	108	232	72	79	151
5th	135	109	244	84	73	157	98	120	218
6th	118	107	225	85	67	152	117	108	225
7th	84	74	158	73	85	158	153	102	255
8th	73	68	141	118	99	217	113	114	227
9th	66	73	139	120	97	217	67	76	143
10th	112	93	205	128	92	220	71	64	135
11th	116	99	215	94	118	212	107	93	200
12th	126	115	241	63	70	133	113	96	209
13th	116	124	240	52	57	109	126	116	242
14th	83	75	158	103	99	202	122	114	236
15th	71	72	143	116	103	219	105	110	215
16th	94	108	202	105	99	204	99	75	174
17th	111	109	220	111	116	227	70	68	138
18th	137	110	247	114	112	226	106	94	200
19th	128	86	214	84	72	156	99	124	223
20th	109	110	219	71	69	140	113	108	221
21st	68	73	141	106	97	203	119	120	239
22nd	65	42	107	101	114	215	119	113	232
23rd	103	109	212	114	127	241	99	65	164
24th	120	95	215	126	105	231	71	55	126
25th	121	103	224	98	115	213	100	82	182
26th	109	113	222	71	76	147	126	97	223
27th	100	104	204	74	70	144	126	104	230
28th	78	78	156	92	106	198	124	105	229
29th	66	54	120	118	91	209	107	103	210
30th	111	99	210	115	120	235	79	85	164
31st	-	-	-	110	108	218	-	-	-
Total	3,031	2,752	5,783	3,137	2,998	6,135	3,088	2,835	5,923

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	122	109	231	108	124	232	81	60	141
2nd	120	118	238	115	117	232	63	62	125
3rd	129	112	241	90	80	170	103	104	207
4th	131	125	256	75	77	152	110	93	203
5th	122	106	228	103	98	201	105	104	209
6th	96	83	179	117	89	206	106	107	213
7th	70	74	144	109	105	214	99	90	189
8th	98	105	203	126	98	224	85	74	159
9th	108	95	203	109	104	213	53	73	126
10th	116	110	226	78	64	142	96	102	198
11th	114	114	228	72	73	145	109	115	224
12th	114	97	211	112	94	206	112	115	227
13th	75	60	135	104	97	201	119	111	230
14th	55	75	130	131	110	241	110	103	213
15th	100	94	194	113	107	220	101	70	171
16th	109	103	212	111	93	204	75	59	134
17th	111	108	219	80	96	176	111	112	223
18th	119	119	238	65	67	132	125	118	243
19th	106	112	218	92	106	198	115	122	237
20th	81	73	154	113	111	224	128	100	228
21st	74	54	128	108	83	191	122	102	224
22nd	95	102	197	98	96	194	72	75	147
23rd	93	122	215	121	95	216	64	75	139
24th	118	121	239	67	78	145	74	61	135
25th	126	100	226	76	80	156	54	59	113
26th	111	99	210	96	96	192	66	56	122
27th	67	81	148	106	97	203	99	96	195
28th	71	65	136	108	82	190	120	123	243
29th	70	64	134	111	108	219	77	77	154
30th	99	91	190	90	89	179	79	57	136
31st	107	93	200	-	-	-	84	91	175
Total	3,127	2,984	6,111	3,004	2,814	5,818	2,917	2,766	5,683

Table 1.8 Deaths by date of occurrence, in

Date of occurrence	January			February			March		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	57	48	105	36	35	71	44	49	93
2nd	50	35	85	37	36	73	37	55	92
3rd	55	44	99	58	36	94	51	44	95
4th	47	46	93	47	37	84	44	47	91
5th	47	48	95	25	38	63	38	51	89
6th	51	48	99	48	33	81	37	38	75
7th	41	34	75	45	51	96	49	52	101
8th	46	46	92	36	44	80	44	47	91
9th	46	43	89	60	35	95	49	54	103
10th	51	42	93	52	60	112	39	47	86
11th	39	49	88	40	50	90	53	23	76
12th	45	40	85	34	31	65	36	41	77
13th	36	40	76	44	47	91	51	32	83
14th	60	45	105	37	48	85	43	38	81
15th	60	41	101	53	38	91	33	43	76
16th	51	32	83	40	51	91	43	36	79
17th	57	37	94	42	38	80	45	34	79
18th	47	52	99	48	38	86	39	47	86
19th	48	35	83	41	42	83	48	37	85
20th	42	45	87	48	48	96	39	36	75
21st	46	55	101	34	50	84	52	49	101
22nd	35	42	77	44	48	92	39	36	75
23rd	36	39	75	40	54	94	50	46	96
24th	45	49	94	40	42	82	49	43	92
25th	42	27	69	40	44	84	31	34	65
26th	41	41	82	37	45	82	49	51	100
27th	41	44	85	64	49	113	28	37	65
28th	39	36	75	40	49	89	43	32	75
29th	42	41	83	44	44	88	42	41	83
30th	26	35	61	-	-	-	46	37	83
31st	23	43	66	-	-	-	43	40	83
Total	1,392	1,302	2,694	1,254	1,261	2,515	1,334	1,297	2,631

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	51	32	83	40	41	81	33	27	60
2nd	38	38	76	30	35	65	38	38	76
3rd	37	34	71	43	39	82	40	43	83
4th	45	44	89	35	39	74	40	25	65
5th	31	34	65	36	33	69	39	34	73
6th	51	40	91	39	29	68	43	33	76
7th	43	31	74	41	29	70	39	38	77
8th	34	30	64	43	27	70	37	44	81
9th	27	37	64	53	31	84	40	30	70
10th	37	31	68	42	21	63	27	31	58
11th	38	33	71	49	34	83	35	35	70
12th	43	42	85	38	38	76	29	24	53
13th	38	36	74	31	41	72	46	32	78
14th	33	30	63	29	27	56	30	48	78
15th	39	38	77	46	42	88	49	41	90
16th	39	30	69	31	33	64	35	41	76
17th	43	36	79	41	48	89	30	37	67
18th	47	28	75	36	33	69	30	43	73
19th	40	22	62	30	46	76	36	35	71
20th	29	28	57	47	44	91	38	39	77
21st	39	41	80	38	38	76	37	24	61
22nd	32	33	65	37	27	64	41	32	73
23rd	29	35	64	34	40	74	25	37	62
24th	31	44	75	26	38	64	54	30	84
25th	37	27	64	29	32	61	40	42	82
26th	34	30	64	42	39	81	34	29	63
27th	42	26	68	33	36	69	34	39	73
28th	36	39	75	34	39	73	34	33	67
29th	34	29	63	43	34	77	33	39	72
30th	42	44	86	44	40	84	45	39	84
31st	34	25	59	28	28	56	-	-	-
Total	1,173	1,047	2,220	1,168	1,101	2,269	1,111	1,062	2,173

each month during 2012

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	38	50	88	48	33	81	48	38	86
2nd	53	38	91	45	41	86	42	36	78
3rd	42	47	89	37	33	70	42	35	77
4th	44	46	90	41	37	78	30	28	58
5th	33	28	61	33	47	80	44	33	77
6th	46	32	78	41	30	71	33	37	70
7th	53	37	90	50	41	91	42	34	76
8th	53	36	89	38	43	81	36	35	71
9th	38	41	79	39	26	65	37	29	66
10th	43	39	82	44	38	82	36	35	71
11th	39	37	76	34	34	68	34	28	62
12th	37	39	76	33	53	86	39	29	68
13th	44	30	74	44	38	82	37	43	80
14th	39	36	75	49	40	89	41	44	85
15th	36	45	81	40	33	73	47	32	79
16th	38	26	64	30	40	70	34	26	60
17th	45	43	88	34	40	74	47	25	72
18th	37	29	66	46	45	91	43	39	82
19th	38	29	67	44	48	92	43	37	80
20th	50	44	94	31	42	73	41	41	82
21st	48	42	90	47	37	84	40	38	78
22nd	38	43	81	35	33	68	38	48	86
23rd	43	36	79	24	41	65	35	38	73
24th	42	34	76	46	42	88	46	27	73
25th	35	40	75	44	39	83	54	44	98
26th	45	39	84	44	36	80	29	42	71
27th	40	41	81	44	31	75	38	32	70
28th	26	33	59	38	52	90	43	29	72
29th	38	41	79	38	41	79	30	29	59
30th	30	42	72	34	31	65	35	29	64
31st	-	-	-	30	34	64	-	-	-
Total	1,231	1,143	2,374	1,225	1,199	2,424	1,184	1,040	2,224

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	45	33	78	48	35	83	35	34	69
2nd	39	31	70	49	43	92	45	46	91
3rd	32	36	68	48	39	87	41	51	92
4th	53	36	89	46	35	81	43	34	77
5th	41	38	79	37	45	82	52	38	90
6th	45	40	85	36	46	82	52	35	87
7th	45	36	81	41	46	87	49	40	89
8th	42	28	70	44	49	93	41	51	92
9th	40	32	72	47	51	98	41	34	75
10th	31	45	76	30	55	85	44	35	79
11th	37	34	71	47	37	84	33	43	76
12th	42	29	71	37	42	79	43	49	92
13th	46	50	96	40	43	83	56	45	101
14th	41	37	78	46	35	81	45	45	90
15th	39	46	85	42	42	84	62	38	100
16th	45	42	87	35	26	61	55	32	87
17th	36	42	78	50	44	94	36	35	71
18th	32	32	64	30	40	70	53	33	86
19th	45	58	103	40	45	85	56	44	100
20th	42	34	76	34	40	74	35	45	80
21st	36	48	84	37	33	70	50	51	101
22nd	43	62	105	41	38	79	48	42	90
23rd	34	35	69	40	40	80	28	59	87
24th	36	34	70	26	28	54	44	63	107
25th	50	40	90	32	45	77	45	45	90
26th	46	47	93	46	24	70	43	49	92
27th	35	38	73	35	34	69	42	52	94
28th	23	39	62	41	35	76	61	46	107
29th	44	44	88	44	32	76	48	43	91
30th	42	32	74	39	51	90	42	49	91
31st	40	50	90	-	-	-	50	57	107
Total	1,247	1,228	2,475	1,208	1,198	2,406	1,418	1,363	2,781

Chapter 2

Live Births 2012

The number of births which occurred in 2012 was 71,674 comprising 36,890 males and 34,784 females. The corresponding total for 2011 was 74,033, 37,898 males and 36,135 females. The birth rate in 2012 was 15.6 per 1,000 of the population, 0.6 lower than 2011. In the case of multiple births, each child was counted as an individual birth. See table 2.21.

Table 1 Number of births in Ireland* and birth rates per 1,000 population in Ireland and neighbouring countries, 1941 to 2012

Period	Numbers of births (in thousands) Ireland*	Birth rate per 1,000 population			
		Ireland*	Northern Ireland	England and Wales	Scotland
1941-1950 ¹	65.0	21.9	22.4	16.9	18.8
1951-1960 ¹	61.7	21.2	21.3	15.8	18.5
1961-1970 ¹	62.4	21.7	22.4	17.5	18.8
1971-1980 ¹	69.4	21.8	18.1	13.2	13.6
1981-1990 ¹	61.6	17.6	17.4	13.2	12.9
1991-2000 ¹	51.6	14.2	14.5	12.6	11.8
2001-2010 ¹	66.6	15.8	13.4	12.3	10.9
1997	52.8	14.4	14.5	12.3	11.6
1998	54.0	14.6	14.0	12.1	11.2
1999	53.9	14.4	13.6	11.8	10.8
2000	54.8	14.5	12.7	11.6	10.4
2001	57.9	15.0	13.0	11.4	10.4
2002	60.5	15.4	12.6	11.4	10.1
2003	61.5	15.5	12.7	11.8	10.4
2004	62.0	15.3	13.0	12.1	10.6
2005	61.4	14.8	12.9	12.1	10.7
2006	65.4	15.4	13.4	12.5	10.9
2007	71.4	16.3	13.9	12.8	11.2
2008	75.2	16.8	14.9	13.0	11.6
2009	75.6	16.7	13.9	12.9	11.4
2010	75.2	16.5	14.1	13.1	11.3
2011	74.0	16.2	13.9	12.9	11.1
2012	71.7	15.6	13.9	12.9	10.9

* Exclusive of Northern Ireland.

¹ Average annual number of births and birth rates for decennial periods 1941-2010.

Total Period Fertility Rate

The total period fertility rate (TPFR) is derived from the age-specific fertility rates. It gives the theoretical average number of children who would be born alive to a woman during her lifetime if she were to pass through her childbearing years conforming to the age-specific fertility rates of a given year. A value of 2.1 is generally taken to be the level at which a generation would replace itself in the long run, ignoring migration.

The TPFR has fallen by 33% in the past 30 years, from 2.96 in 1982 to 1.99 in 2012. In Ireland, it dropped below the replacement level in 1989 and again in 1991 and has remained there since. See *table 2.1*.

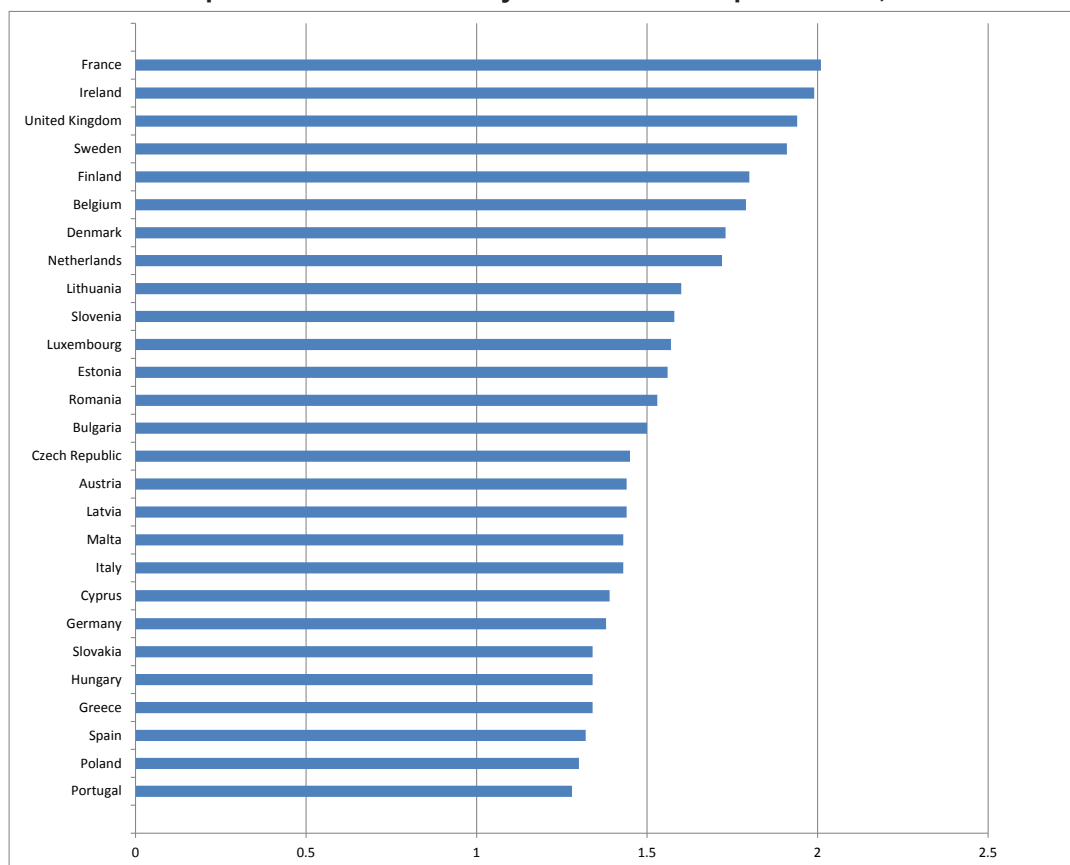
France had the highest fertility rate in the EU 27 in 2012 with 2.01; Ireland is next with a fertility rate of 1.99 followed by the UK with a rate of 1.94. Portugal had the lowest fertility rate at 1.28.

Table II Total fertility rates in the European Union¹, 2012

Area of residence	Total fertility rate	Area of residence	Total fertility rate
Belgium	1.79	Luxembourg	1.57
Bulgaria	1.50	Hungary	1.34
Czech Republic	1.45	Malta	1.43
Denmark	1.73	Netherlands	1.72
Germany	1.38	Austria	1.44
Estonia	1.56	Poland	1.30
Ireland	1.99	Portugal	1.28
Greece	1.34	Romania	1.53
Spain	1.32	Slovenia	1.58
France	2.01	Slovakia	1.34
Italy	1.43	Finland	1.80
Cyprus	1.39	Sweden	1.91
Latvia	1.44	United Kingdom	1.94
Lithuania	1.60		

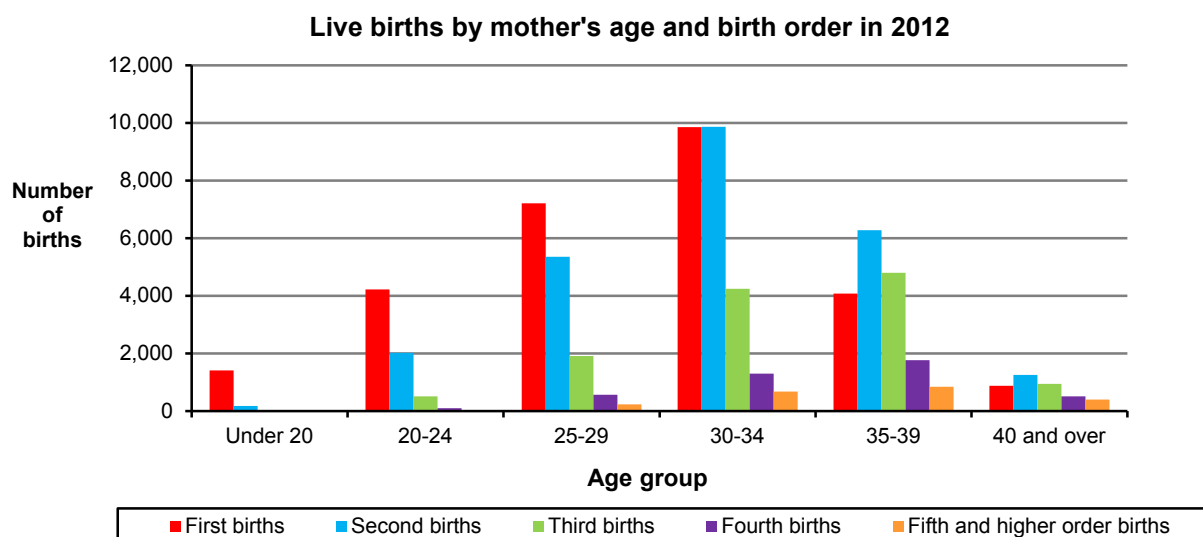
¹ Source: Eurostat.

Graph Table II Total fertility rates in the European Union, 2012



Birth order

A total of 27,657 births (38.7%) were to first time mothers in 2012. Second time mothers had 24,951 births (34.9%) and third time mothers had 12,431 births (17.4%). Mothers that already had three or more live-born children accounted for the remaining 9.0% of births. See table 2.8.



Age at maternity

The percentage of births to teenage mothers remains the same as in 2011, with just 2.3% (1,616) of births to mothers under 20. Excluding 2011, it was 1963 since the percentage of births to mothers under 20 was this low. From 1963 onwards the percentage continued to increase until it reached a peak in 1999 with 6.2% (3,314) of all births to mothers under 20. This percentage has continually decreased each year since. At the other end of the scale mothers over 40 are on the increase. In 2012 there were (4,007) 5.6% of births to mothers over the age of forty. This was the highest percentage of births to this age group since 1971 when it was 5.7% of births.

In 1980, mothers under 30 years of age accounted for 60.1% of births. The proportion declined fairly steadily to reach 34.7% in 2011 and 33.2% in 2012. This compares with slightly over half (50.5%) of births in England and Wales and (50.6%) in Scotland. In Northern Ireland, under half of all mothers (47.6%) were under 30 in 2012.

In 2012, 7% of females aged in their twenties gave birth while over 11% of females aged in their thirties gave birth.

The average age of mothers at maternity in Ireland in 2012 was 32.0 years. Thirty years earlier, in 1982, the average age was 29.0 years. While, in 1962 50 years earlier, the average age at maternity was slightly lower at 31.3 years.

In Northern Ireland, the average age at maternity in 2012 was 30.0 years while in England and Wales. It was 29.8 years. The average age at maternity was lowest in Scotland at 29.7 years.

Table III Percentage distribution of births according to age of mother at maternity

Age at maternity	Ireland*				Northern Ireland	England and Wales	Scotland
	1962	1982	2011	2012	2012	2012	2012
Under 20 years	2.1	4.7	2.3	2.3	4.4	4.6	5.3
20-24 years	14.8	21.4	9.9	9.6	15.2	18.2	17.7
25-29	26.6	32.3	22.5	21.4	28.0	27.7	27.6
30-34	26.6	25.6	36.2	36.3	32.1	29.6	29.7
35-39	21.1	12.8	23.9	24.9	16.5	15.7	15.8
40-44	8.2	2.9	4.9	5.3	3.6	3.8	3.6
45 years and over	0.6	0.2	0.2	0.3	0.2	0.3	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average age at maternity	31.3	29.0	31.8	32.0	30.0	29.8	29.7

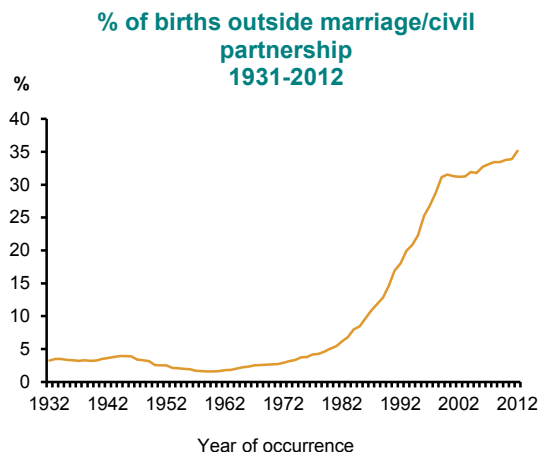
* Exclusive of Northern Ireland

Births outside marriage/civil partnership

The total number of births outside marriage/civil partnership in 2012 was 25,179. This corresponds to 35.1% of all births, 1.2 percentage points higher than 2011.

The highest percentage of births outside marriage/civil partnership occurred in Limerick City at 56.3 while the area with the lowest percentage was Galway County at 22.5%. See *table 2.21*.

The lowest ever number of births outside marriage/civil partnership was recorded in 1959 (1.6%). The graph illustrates the steady increase in the percentage of births outside marriage/civil partnership, notably since 1980.

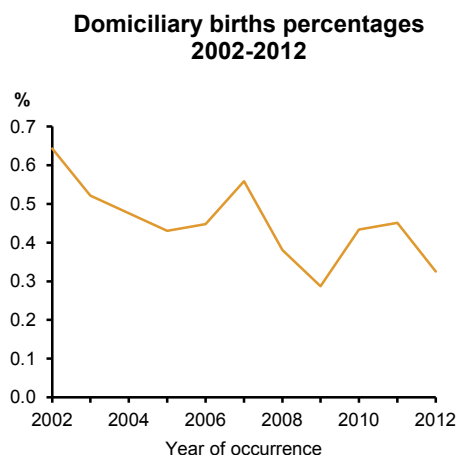


Multiple births

The number of maternities in 2012 which resulted in multiple live births was 1,251 consisting of 1,218 sets of twins and 33 sets of triplets. This is equivalent to a “twinning rate” of 17.3 (i.e. the number of sets of live twins per 1,000 maternities which resulted in live births). This represents a decrease of 0.7 on the 2011 rate of 18.0. Over the past 20 years, the twinning rate has increased very significantly – from 11.9 in 1992 reaching a peak of 18.0 in 2011 to 17.3 in 2012. See *table 2.20*.

Domiciliary births

There were 233 babies born at home in 2012. This represents a decrease of 30% on the 2011 figure when there were 334 domiciliary maternities. Such births have dropped from one in three births in the early 1950's to only three in every thousand in 2012. See *table 2.17*.



Nationality of parents

In 2012, 75.9% of mothers' were of Irish nationality, 2.3% of UK nationality, 1.4% of EU-15 (excluding Ireland and the UK) nationality, 11.2% of EU-27 (excluding EU-15) nationality and 8.1% of other nationality. The nationality of the mother was not stated for 1.1% of births.

Irish was given as the nationality of fathers in 60.2% of births; however there were 22.6% of births where father's nationality was not given.

The average age at maternity differed by nationality of mother in 2012. The highest average age at maternity was for mothers of EU-15 (excluding Ireland and the UK) nationality, 33.5 years, while the lowest was for mothers of EU-27 (excluding EU-15) nationality, 29.6 years. The average age for mothers of Irish nationality was 32.3 years. The differences in average age at maternity can be affected by the age structure of the population for each nationality group. See tables 2.24a and 2.24b.

Birthweight

In 2012, babies with a birthweight of between 3,500 and 3,999 grams accounted for the highest percentage of births of known birthweight at 34.7%. Of these, 53.6% were male and the remaining 46.4% were female. The majority of babies (65%) with a birthweight of 3,500 to 3,999 grams and of known gestation had a gestational age of 40 weeks and over.

Those with a birthweight of under 1,000 grams accounted for the lowest percentage of births of known birthweight at 0.4%. Of these, 44 % were male and the remaining 56% were female. Three in four (75.3%) babies born in 2012 with a birthweight of under 1,000 grams and of known gestation had a gestational age of under 28 weeks. See tables 2.13, 2.14 and 2.15.

Gestation

In 2012, babies with a gestational age of 40 weeks and over represented the majority (53.1%) of births of known gestation. Males accounted for 51.1% of these and the remaining 48.9% were females.

Babies with a gestational age of under 28 weeks represented the lowest percentage of births of known gestation at 0.3%. Of these, 46.7% were male and the remaining 53.3% were female. See tables 2.12, 2.14 and 2.16.

Technical Note

This report contains upward revisions to previously published figures for the number of births occurring in 2008. These revisions were first published in the Report on Vital Statistics 2009.

Live births

The terms used in relation to live births are defined as follows:

Parity: parity is the number of previous live born children to a woman.

Birth Order: Birth order is the number of live born children a woman has in the order in which they are born.

Parity and Birth Order: A first birth relates to parity 0 or birth order 1 i.e. birth order = parity + 1.

Crude birth rate (CBR): The number of live births divided by the total population at that age (or age-group), multiplied by 1,000.

Age specific fertility rate (ASFR): The number of live births at a certain age (or age-group) divided by the female population at that age (or age-group) multiplied by 1,000.

Total period fertility rate (TPFR): The sum of the ASFRs, divided by 1,000, i.e. the expected number of children a woman will have in her lifetime based on the fertility of that year.

$$TPFR = \sum_{15}^{49} asfr / 1,000 \cong {}_5TPFR = 5 \sum_{15-19}^{45-49} asfr / 1,000$$

Age specific reproduction rate (ASRR): The number of female live births at a certain age (or age group) divided by the female population at that age (or age-group), multiplied by 1,000.

Gross reproduction rate (GRR): The sum of the ASRRs divided by 1,000 i.e. the expected number of daughters a woman will have in her lifetime based on the fertility of that year.

Net reproduction rate (NRR): The sum of the products of the ASRRs and the expected number of female years to be lived at that age, divided by 1,000 i.e. the GRR adjusted for female mortality.

The difference between the gross and net reproduction rates is an indicator of female mortality.

Average age at maternity: the sum of the products of the ages at maternity of live births and their ages divided by the number of live births.

$$\text{average age} = \frac{\sum_{x=15}^{49} x f_x}{\sum_{x=15}^{49} f_x}$$

Average age at maternity of first birth: the sum of the products of the ages at maternity of first live births and their ages divided by the number of first live births.

Childbearing years are regarded as between the ages of 15 and 49.

Live births to mothers aged less than 15 are included in the age 15 category and are divided by the age 15 population. Similarly live births to mothers aged greater than 49 are included in the age 49 category and are divided by the age 49 population.

Average of mean ages: Live births where the age at maternity is not stated are excluded from the calculation.

Tables

Table 2.1 Total period of fertility rate (TPFR) and age specific fertility rates (ASFR), 1965-2012

Year	ASFR							TPFR
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	All ages
1965	14.0	125.1	236.1	218.9	150.3	57.6	4.2	4.03
1966	13.5	128.1	232.5	213.1	144.4	54.9	4.3	3.95
1967	14.5	129.7	220.0	208.3	138.6	52.9	4.4	3.84
1968	14.1	134.8	222.5	197.8	133.8	48.5	4.1	3.78
1969	15.4	139.7	228.7	199.5	133.1	48.1	4.4	3.85
1970	16.3	145.5	228.7	201.9	131.9	45.3	3.7	3.87
1971	19.1	150.3	243.5	200.5	131.7	46.6	3.3	3.98
1972	21.3	152.1	241.5	187.6	125.7	43.4	3.4	3.88
1973	22.4	149.9	235.0	181.2	115.6	41.3	2.7	3.74
1974	22.6	145.4	229.5	171.9	111.2	39.9	2.8	3.62
1975	22.8	138.5	216.0	162.2	100.2	36.8	2.6	3.40
1976	21.9	133.7	211.7	162.2	94.9	34.8	3.1	3.31
1977	21.2	130.4	205.5	166.7	93.9	33.2	3.0	3.27
1978	21.8	126.2	201.7	167.8	96.5	31.1	2.8	3.24
1979	22.7	125.9	202.5	168.4	94.1	29.9	2.3	3.23
1980	23.0	125.3	202.3	165.7	97.3	29.6	2.3	3.23
1981	22.2	117.4	190.3	161.5	93.6	26.5	2.4	3.07
1982	20.7	110.2	185.0	156.9	91.6	24.9	2.2	2.96
1983	18.7	102.6	172.3	146.9	84.6	25.0	1.7	2.76
1984	18.0	95.4	163.3	138.4	78.9	21.8	1.9	2.59
1985	16.6	87.2	158.6	138.4	75.3	21.6	1.5	2.50
1986	16.4	83.1	154.3	139.0	73.4	21.2	1.5	2.44
1987	16.1	75.4	147.9	132.3	68.6	19.8	1.3	2.31
1988	15.3	69.6	141.0	125.5	63.2	17.8	1.1	2.17
1989	14.8	64.0	134.4	122.0	62.4	17.0	1.1	2.08
1990	16.7	63.3	137.6	126.2	63.1	15.4	1.1	2.12
1991	17.1	64.0	131.8	124.4	63.4	15.2	1.0	2.09
1992	16.9	58.9	123.9	122.3	61.3	14.4	0.8	1.99
1993	16.3	53.8	116.5	121.2	58.5	14.1	0.9	1.91
1994	15.0	50.7	112.5	119.8	58.6	12.8	0.7	1.85
1995	15.1	50.3	106.7	123.5	60.3	13.1	0.8	1.85
1996	16.7	52.2	105.3	127.1	63.9	11.8	0.6	1.89
1997	17.5	50.9	106.4	131.5	66.6	13.4	0.8	1.94
1998	19.2	52.5	103.1	131.5	69.3	13.4	0.6	1.95
1999	20.2	51.0	99.4	129.5	68.5	12.9	0.6	1.91
2000	19.5	51.6	95.1	129.3	71.3	13.6	0.5	1.90
2001	19.9	53.3	95.1	134.1	75.3	13.9	0.7	1.96
2002	19.4	52.8	93.7	134.5	80.0	14.5	0.6	1.98
2003	19.0	50.3	92.6	135.0	82.3	15.7	0.5	1.98
2004	17.1	49.1	88.4	134.3	85.2	16.2	0.5	1.95
2005	16.8	45.8	79.9	129.4	86.4	16.9	0.6	1.88
2006	16.4	49.5	82.1	130.4	90.8	18.1	0.8	1.94
2007	17.4	48.5	84.1	138.1	96.7	19.4	0.8	2.03
2008	16.5	49.6	87.8	139.3	98.9	19.7	1.2	2.07
2009	15.6	48.9	90.2	136.3	98.5	20.9	1.1	2.06
2010	14.4	48.7	91.1	136.4	97.9	21.7	1.1	2.06
2011	12.3	48.8	88.9	134.8	97.9	22.4	1.1	¹ 2.02
2012	12.0	49.5	86.1	129.5	97.5	22.7	1.4	² 1.99

¹Based on single year of age for census year 2011.²Based on estimated usual residence population for 2012.

Table 2.2 Age specific and total period fertility rates by area of residence of mother in 2011

Area of residence	Live births per 1,000 females at specified ages							TPFR
	Under 20	20-24	25-29	30-34	35-39	40-44	45-49	All ages
STATE	12.3	48.8	88.9	134.8	97.9	22.4	1.1	*2.02
LEINSTER	14.4	52.0	87.2	128.9	96.6	22.8	1.2	2.02
Carlow	21.0	69.2	126.2	146.6	92.7	20.1	1.1	2.38
Dublin City	19.0	46.2	59.6	95.3	91.1	23.6	1.2	1.68
South Dublin	19.8	68.1	103.8	134.5	92.1	24.9	0.7	2.22
Fingal	14.3	54.4	96.3	138.0	99.9	27.5	1.7	2.16
Dun Laoghaire Rathdown	5.2	23.1	51.1	125.0	125.3	27.0	2.3	1.80
Kildare	10.6	44.3	99.5	149.9	103.9	22.2	1.8	2.16
Kilkenny	10.4	43.0	90.7	140.1	96.6	20.4	1.8	2.02
Laois	16.4	58.7	114.2	130.3	85.4	18.0	1.2	2.12
Longford	17.1	63.6	100.6	131.8	118.5	24.3	0.0	2.28
Louth	17.4	60.6	105.1	124.6	73.4	16.2	0.2	1.99
Meath	9.1	52.2	112.9	158.2	106.9	22.5	0.5	2.31
Offaly	13.9	73.5	108.0	145.8	83.0	18.8	1.1	2.22
Westmeath	12.7	55.7	101.2	149.1	83.4	17.5	1.0	2.10
Wexford	16.7	72.4	111.1	135.8	83.5	17.1	0.6	2.19
Wicklow	11.0	52.3	100.7	143.1	102.1	23.8	1.4	2.17
MUNSTER	10.1	45.7	90.9	143.9	100.1	21.9	1.0	2.07
Clare	9.1	45.6	86.9	147.5	98.8	25.4	0.7	2.07
Cork City	15.4	45.3	68.2	106.8	78.2	16.2	0.5	1.65
Cork County	6.2	39.8	90.5	154.7	108.5	22.7	1.1	2.12
Kerry	9.6	43.5	92.1	142.6	91.3	23.2	0.8	2.02
Limerick City	24.1	54.2	82.1	101.4	67.0	12.1	0.5	1.71
Limerick County	11.4	47.7	102.2	160.3	107.0	25.2	3.0	2.28
North Tipperary	8.9	54.2	113.9	161.8	122.6	24.8	0.8	2.44
South Tipperary	9.7	52.4	93.5	131.2	84.6	20.3	0.0	1.96
Waterford City	13.8	59.5	114.6	132.7	94.5	18.2	2.0	2.18
Waterford County	11.3	40.9	95.4	146.6	107.2	17.2	0.4	2.09
CONNACHT	8.4	39.2	86.3	143.1	103.2	24.5	0.8	2.03
Galway City	8.2	27.8	59.2	89.1	92.9	24.3	2.5	1.52
Galway County	7.0	47.2	99.4	166.2	110.5	29.2	0.3	2.30
Leitrim	13.0	42.7	98.4	146.4	92.1	30.4	1.0	2.12
Mayo	8.8	41.7	96.4	154.7	101.1	22.0	0.7	2.13
Roscommon	8.1	39.0	92.6	148.2	98.2	19.4	0.9	2.03
Sligo	9.8	36.5	84.9	144.7	109.4	18.2	0.9	2.02
ULSTER (PART OF)	11.5	50.5	103.6	141.0	89.6	17.6	0.8	2.07
Cavan	14.4	54.8	116.2	156.6	110.8	21.8	0.9	2.38
Donegal	10.8	51.2	100.4	133.6	77.3	16.7	1.1	1.96
Monaghan	9.9	43.8	96.2	140.7	96.5	15.1	0.0	2.01
REGIONAL AUTHORITIES:								
Border	12.7	50.8	101.4	137.5	87.9	18.1	0.7	2.05
Midland	14.7	62.4	106.8	140.3	88.3	18.9	1.0	2.16
West	7.9	39.4	85.8	142.7	103.2	25.0	0.8	2.02
Dublin	15.7	48.5	74.1	117.0	98.6	25.4	1.4	1.90
Mid-East	10.2	48.9	104.4	151.3	104.5	22.7	1.2	2.22
Mid-West	12.2	49.5	96.2	147.4	101.9	23.5	1.5	2.16
South-East	13.7	57.6	104.6	138.1	91.5	18.7	0.9	2.13
South-West	8.6	42.0	85.4	144.0	100.8	21.9	0.9	2.02

*Based on single year of age for census year 2011

Table 2.3 Births by area of residence^{1,2} sex of infant and age at maternity in 2012

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
STATE	36,890	34,784	71,674	1,616	6,890	15,308	26,028	17,819	3,792	215	6
LEINSTER	21,095	20,101	41,196	985	4,183	8,951	14,904	9,967	2,085	118	3
Carlow	475	446	921	30	126	210	314	204	36	1	-
Carlow Town	159	170	329	13	60	81	107	57	11	-	-
Bagenalstown	34	20	54	2	4	14	20	11	3	-	-
Dublin City	4,020	3,874	7,894	227	980	1,725	2,658	1,830	439	35	-
South Dublin	2,498	2,430	4,928	136	640	1,206	1,718	989	231	8	-
Fingal	2,706	2,497	5,203	81	415	1,105	1,985	1,356	254	7	-
Dun Laoghaire Rathdown	1,398	1,398	2,796	28	140	384	1,090	925	222	7	-
Balbriggan	191	175	366	11	35	95	138	75	12	-	-
Kildare	1,892	1,753	3,645	74	289	793	1,375	932	174	7	1
Athy Town	129	117	246	10	41	66	82	41	6	-	-
Naas Town	226	199	425	9	28	81	158	118	30	1	-
Leixlip	115	117	232	5	15	45	89	67	10	1	-
Newbridge	193	169	362	15	43	86	117	87	13	-	1
Kilkenny	692	696	1,388	22	111	281	518	378	70	8	-
Kilkenny Borough	186	175	361	11	36	82	127	90	13	2	-
Laois	682	594	1,276	40	140	293	487	258	54	4	-
Mountmellick	23	22	45	4	8	14	11	6	2	-	-
Portlaoise	36	49	85	2	13	25	22	18	4	1	-
Longford	312	334	646	14	86	153	220	132	38	3	-
Longford Town	107	123	230	6	49	56	80	26	11	2	-
Granard	16	11	27	1	3	6	12	5	-	-	-
Louth	997	886	1,883	57	242	460	632	417	74	1	-
Drogheda Borough	347	289	636	23	83	166	212	125	26	1	-
Dundalk Town	313	265	578	20	99	159	182	102	16	-	-
Ardee	40	32	72	2	13	16	23	15	3	-	-
Meath	1,648	1,540	3,188	48	233	649	1,250	840	158	10	-
Kells Town	84	77	161	6	13	39	62	33	7	1	-
Navan Town	368	334	702	14	82	157	260	168	21	-	-
Trim Town	80	72	152	2	9	38	62	35	6	-	-
Offaly	591	563	1,154	40	128	275	410	252	47	2	-
Birr Town	51	46	97	1	23	17	35	19	2	-	-
Tullamore Town	180	166	346	16	38	83	119	74	15	1	-
Edenderry	69	73	142	7	17	37	55	22	4	-	-
Westmeath	698	749	1,447	44	177	308	543	312	57	6	-
Athlone Town	135	137	272	11	35	75	98	48	5	-	-
Mullingar	167	190	357	15	62	70	136	60	12	2	-
Wexford	1,155	1,063	2,218	84	255	549	762	457	104	6	1
Enniscorthy Town	139	108	247	10	37	64	85	36	13	2	-
New Ross Town	69	88	157	7	21	50	45	27	7	-	-
Wexford Borough	159	165	324	19	28	99	104	63	10	1	-
Gorey	119	105	224	9	30	65	80	31	8	1	-
Wicklow	1,140	1,103	2,243	49	186	465	804	610	115	13	1
Arklow Town	125	110	235	13	33	61	77	37	14	-	-
Bray Town	246	251	497	15	40	119	158	143	21	1	-
Wicklow Town	87	76	163	3	14	40	66	29	9	2	-
Greystones	50	67	117	-	6	17	44	39	10	1	-
MUNSTER	9,507	8,973	18,480	398	1,678	3,881	6,738	4,707	1,017	61	-
Clare	849	856	1,705	43	159	329	593	446	129	6	-
Ennis Town	207	208	415	12	45	99	147	89	21	2	-
Kilrush Town	30	34	64	4	10	14	23	9	4	-	-
Shannon	71	70	141	8	24	26	49	32	2	-	-
Kilkee	9	5	14	-	2	4	3	2	3	-	-
Cork City	729	693	1,422	45	203	375	457	276	61	5	-
Cork County	3,423	3,218	6,641	87	455	1,199	2,624	1,885	363	28	-
Cobh Town	84	58	142	7	15	36	50	28	6	-	-
Fermoy Town	59	56	115	2	9	31	34	29	7	3	-
Kinsale Town	48	40	88	-	9	13	33	24	9	-	-
Midleton Town	111	111	222	5	26	47	70	64	9	1	-
Youghal Town	65	47	112	2	14	23	39	29	5	-	-
Clonakilty Town	49	40	89	1	8	22	30	22	3	3	-
Skibbereen Town	33	28	61	1	6	21	19	13	-	1	-
Macroom Town	36	40	76	1	9	12	35	14	5	-	-
Mallow Town	97	93	190	6	23	42	65	47	7	-	-
Passage West	56	50	106	3	8	16	44	30	5	-	-
Bandon	48	35	83	1	5	27	27	20	3	-	-
Bantry	38	26	64	-	8	14	23	16	3	-	-

Table 2.3 Births by area of residence^{1,2} sex of infant and age at maternity in 2012 - Continued

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
Kerry	995	941	1,936	41	163	363	706	515	137	11	-
Killarney Town	111	118	229	7	18	65	73	52	12	2	-
Listowel Town	36	40	76	6	12	16	20	17	5	-	-
Tralee Town	181	161	342	13	49	68	119	68	22	3	-
Limerick City	424	402	826	37	148	232	250	115	44	-	-
Limerick County	1,096	953	2,049	29	178	439	741	549	110	3	-
North Tipperary	531	507	1,038	33	93	236	366	253	55	2	-
Nenagh Town	101	100	201	11	20	55	64	43	8	-	-
Templemore Town	19	22	41	1	8	15	10	5	2	-	-
Thurles Town	91	82	173	7	26	44	54	34	8	-	-
South Tipperary	605	586	1,191	38	110	303	408	281	49	2	-
Carrick-on-Suir Town	36	41	77	6	11	20	19	19	2	-	-
Cashel Town	43	39	82	3	7	24	27	18	3	-	-
Clonmel Town	155	129	284	8	37	71	100	62	6	-	-
Tipperary Town	38	34	72	1	10	25	22	10	4	-	-
Waterford City	399	400	799	29	100	220	267	154	26	3	-
Waterford County	456	417	873	16	69	185	326	233	43	1	-
Dungarvan Town	97	76	173	5	14	36	71	40	7	-	-
Lismore	6	9	15	-	3	3	5	3	1	-	-
Tramore	85	82	167	4	17	39	53	46	8	-	-
CONNACHT	4,181	3,750	7,931	138	614	1,524	2,884	2,242	501	25	3
Galway City	590	589	1,179	24	118	265	409	292	69	1	1
Galway County	1,437	1,283	2,720	36	165	445	1,010	870	184	9	1
Ballinasloe Town	78	54	132	6	18	36	37	31	4	-	-
Loughrea	84	80	164	5	8	30	54	52	15	-	-
Tuam	155	133	288	5	22	67	104	80	9	1	-
Leitrim	252	203	455	9	33	92	170	123	27	1	-
Mayo	927	826	1,753	33	151	352	644	457	110	6	-
Ballina Town	102	110	212	3	22	53	71	48	14	1	-
Castlebar Town	135	100	235	7	34	51	75	51	15	2	-
Westport Town	58	58	116	1	10	22	40	38	5	-	-
Roscommon	451	411	862	16	60	171	305	251	51	7	1
Boyle	8	7	15	-	-	5	5	4	1	-	-
Sligo	524	438	962	20	87	199	346	249	60	1	-
Sligo Borough	155	123	278	10	40	72	82	57	17	-	-
ULSTER (PART OF)	2,107	1,960	4,067	95	415	952	1,502	903	189	11	-
Cavan	598	560	1,158	27	115	289	427	247	50	3	-
Cavan Town	110	109	219	6	30	64	74	35	9	1	-
Belturbet	29	14	43	3	6	8	16	9	1	-	-
Cootehill	34	20	54	4	4	12	20	9	4	1	-
Donegal	1,065	1,003	2,068	57	223	450	754	477	101	6	-
Buncrana Town	51	53	104	1	9	28	38	20	8	-	-
Bundoran Town	16	10	26	-	9	7	9	1	-	-	-
Letterkenny Town	260	234	494	23	58	100	176	102	34	1	-
Ballyshannon	17	12	29	-	4	3	15	6	1	-	-
Monaghan	444	397	841	11	77	213	321	179	38	2	-
Carrickmacross Town	89	81	170	-	12	45	69	37	7	-	-
Castleblaney Town	62	47	109	2	9	39	39	15	4	1	-
Clones Town	18	16	34	-	6	8	11	8	1	-	-
Monaghan Town	80	96	176	4	25	43	64	32	8	-	-
Ballybay	10	8	18	-	3	8	5	1	1	-	-
REGIONAL AUTHORITIES:											
Border	3,880	3,487	7,367	181	777	1,703	2,650	1,692	350	14	-
Midland	2,283	2,240	4,523	138	531	1,029	1,660	954	196	15	-
West	10,813	10,374	6,514	109	494	1,233	2,368	1,870	414	23	3
Dublin	4,680	4,396	21,187	483	2,210	4,515	7,589	5,175	1,158	57	-
Mid-East	2,900	2,718	9,076	171	708	1,907	3,429	2,382	447	30	2
Mid-West	3,782	3,608	5,618	142	578	1,236	1,950	1,363	338	11	-
South-East	5,147	4,852	7,390	219	771	1,748	2,595	1,707	328	21	1
South-West	3,405	3,109	9,999	173	821	1,937	3,787	2,676	561	44	-

¹ Due to an automated system of Demographic classification for 2012 onward caution should be exercised when making direct comparisons with previous years at town level.

² Data attributed to 'rest of county' (for each county) can be accessed on the CSO database at www.CSO.ie.

Table 2.4 Births by area of residence showing the numbers in each quarter in 2012

Area of residence	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Year	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
STATE	9,162	8,637	9,256	8,585	9,424	8,998	9,048	8,564	36,890	34,784
LEINSTER	5,319	4,926	5,286	4,990	5,371	5,202	5,119	4,983	21,095	20,101
Carlow	123	115	122	97	132	122	98	112	475	446
Dublin City	1,003	987	1,017	910	1,000	987	1,000	990	4,020	3,874
South Dublin	682	575	599	594	627	650	590	611	2,498	2,430
Fingal	731	628	727	676	749	702	690	666	2,897	2,672
Dun Laoghaire Rathdown	363	325	328	359	354	382	353	332	1,398	1,398
Kildare	450	438	473	437	493	446	476	432	1,892	1,753
Kilkenny	192	163	190	196	161	177	149	160	692	696
Laois	159	167	197	150	156	138	170	139	682	594
Longford	74	77	73	86	81	89	84	82	312	334
Louth	246	213	239	234	273	216	239	223	997	886
Meath	399	364	407	397	433	404	409	375	1,648	1,540
Offaly	140	143	147	141	160	137	144	142	591	563
Westmeath	181	187	173	193	187	174	157	195	698	749
Wexford	279	257	308	262	281	283	287	261	1,155	1,063
Wicklow	297	287	286	258	284	295	273	263	1,140	1,103
MUNSTER	2,375	2,286	2,307	2,235	2,449	2,260	2,376	2,192	9,507	8,973
Clare	199	234	213	228	220	200	217	194	849	856
Cork City	180	168	165	162	185	213	199	150	729	693
Cork County	848	826	820	811	914	803	841	778	3,423	3,218
Kerry	223	236	264	237	254	217	254	251	995	941
Limerick City	105	95	114	106	98	109	107	92	424	402
Limerick County	298	255	274	231	267	240	257	227	1,096	953
North Tipperary	142	118	113	119	135	132	141	138	531	507
South Tipperary	153	156	143	137	154	122	155	171	605	586
Waterford City	106	96	96	102	103	104	94	98	399	400
Waterford County	121	102	105	102	119	120	111	93	456	417
CONNACHT	989	927	1,097	920	1,062	992	1,033	911	4,181	3,750
Galway City	165	154	148	140	134	147	143	148	590	589
Galway County	340	300	373	316	367	348	357	319	1,437	1,283
Leitrim	55	50	68	51	70	57	59	45	252	203
Mayo	199	202	271	200	221	227	236	197	927	826
Roscommon	96	109	103	107	132	96	120	99	451	411
Sligo	134	112	134	106	138	117	118	103	524	438
ULSTER (PART OF)	479	498	566	440	542	544	520	478	2,107	1,960
Cavan	125	146	159	127	164	142	150	145	598	560
Donegal	251	256	285	221	271	289	258	237	1,065	1,003
Monaghan	103	96	122	92	107	113	112	96	444	397
REGIONAL AUTHORITIES:										
Border	914	873	1,007	831	1,023	934	936	849	3,880	3,487
Midland	554	574	590	570	584	538	555	558	2,283	2,240
West	800	765	895	763	854	818	856	763	3,405	3,109
Dublin	2,779	2,515	2,671	2,539	2,730	2,721	2,633	2,599	10,813	10,374
Mid-East	1,146	1,089	1,166	1,092	1,210	1,145	1,158	1,070	4,680	4,396
Mid-West	744	702	714	684	720	681	722	651	2,900	2,718
South-East	974	889	964	896	950	928	894	895	3,782	3,608
South-West	1,251	1,230	1,249	1,210	1,353	1,233	1,294	1,179	5,147	4,852

Table 2.5 Births in 2012, classified by sex and age of mother at maternity and showing the number of births outside marriage/civil partnership

Age of mother at maternity	Total Births (including births outside marriage/civil partnership)			Births outside marriage/civil partnership			
	Total	Males	Females	Total	Males	Females	Same address
All ages	71,674	36,890	34,784	25,179	12,882	12,297	14,300
15 and under	27	13	14	27	13	14	2
16	97	52	45	94	51	43	13
17	227	126	101	213	119	94	33
18	472	252	220	425	230	195	79
19	793	415	378	700	360	340	194
Under 20	1,616	858	758	1,459	773	686	321
20	968	495	473	862	439	423	259
21	1,169	617	552	1,001	532	469	361
22	1,350	710	640	1,133	597	536	460
23	1,570	840	730	1,257	669	588	572
24	1,833	892	941	1,319	641	678	670
20-24	6,890	3,554	3,336	5,572	2,878	2,694	2322
25	2,113	1,065	1,048	1,466	719	747	800
26	2,555	1,343	1,212	1,561	800	761	895
27	2,956	1,539	1,417	1,539	808	731	960
28	3,491	1,811	1,680	1,517	815	702	964
29	4,193	2,105	2,088	1,510	761	749	970
25-29	15,308	7,863	7,445	7,593	3,903	3,690	4589
30	4,705	2,469	2,236	1,456	757	699	940
31	5,245	2,678	2,567	1,448	723	725	972
32	5,555	2,834	2,721	1,289	653	636	880
33	5,437	2,850	2,587	1,137	597	540	771
34	5,086	2,663	2,423	984	514	470	657
30-34	26,028	13,494	12,534	6,314	3,244	3,070	4220
35	4,762	2,404	2,358	848	416	432	588
36	4,314	2,173	2,141	824	410	414	551
37	3,508	1,809	1,699	608	313	295	402
38	2,903	1,508	1,395	550	253	297	370
39	2,332	1,197	1,135	483	242	241	330
35-39	17,819	9,091	8,728	3,313	1,634	1,679	2,241
40	1,619	806	813	340	156	184	236
41	1,018	531	487	229	117	112	146
42	621	328	293	152	75	77	98
43	361	168	193	91	48	43	64
44	173	83	90	51	23	28	27
40-44	3,792	1,916	1,876	863	419	444	571
45 and over	215	113	102	63	31	32	34
Age not stated	6	1	5	2	-	2	2

Table 2.6 Total births in 2012 classified by area of residence and age of mother at maternity

Area of residence	Under 20		20-24		25-29		30-34		35-39		40-44		45 & over		Age not stated	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
STATE	858	758	3,554	3,336	7,863	7,445	13,494	12,534	9,091	8,728	1,916	1,876	113	102	1	5
LEINSTER	525	460	2,147	2,036	4,552	4,399	7,676	7,228	5,054	4,913	1,078	1,007	62	56	1	2
Carlow	17	13	74	52	102	108	156	158	109	95	16	20	1	-	-	-
Dublin City	120	107	501	479	860	865	1,384	1,274	897	933	239	200	19	16	-	-
South Dublin	67	69	332	308	624	582	847	871	507	482	117	114	4	4	-	-
Fingal	45	47	226	224	631	569	1,105	1,018	748	683	136	130	6	1	-	-
Dun Laoghaire- - Rathdown	17	11	71	69	184	200	549	541	465	460	110	112	2	5	-	-
Kildare	44	30	140	149	416	377	734	641	467	465	88	86	3	4	-	1
Kilkenny	14	8	65	46	130	151	246	272	192	186	42	28	3	5	-	-
Laois	13	27	78	62	145	148	269	218	143	115	32	22	2	2	-	-
Longford	8	6	36	50	83	70	104	116	63	69	16	22	2	1	-	-
Louth	29	28	122	120	246	214	346	286	216	201	37	37	1	-	-	-
Meath	27	21	122	111	330	319	663	587	412	428	89	69	5	5	-	-
Offaly	26	14	59	69	141	134	204	206	137	115	23	24	1	1	-	-
Westmeath	21	23	92	85	143	165	270	273	145	167	25	32	2	4	-	-
Wexford	51	33	139	116	281	268	392	370	243	214	45	59	3	3	1	-
Wicklow	26	23	90	96	236	229	407	397	310	300	63	52	8	5	-	1
MUNSTER	214	184	879	799	2,035	1,846	3,472	3,266	2,398	2,309	480	537	29	32	-	-
Clare	24	19	87	72	178	151	277	316	220	226	61	68	2	4	-	-
Cork City	22	23	108	95	203	172	227	230	136	140	30	31	3	2	-	-
Cork County	48	39	241	214	620	579	1,372	1,252	952	933	176	187	14	14	-	-
Kerry	27	14	77	86	190	173	360	346	272	243	64	73	5	6	-	-
Limerick City	20	17	82	66	119	113	130	120	51	64	22	22	-	-	-	-
Limerick County	14	15	100	78	230	209	402	339	299	250	50	60	1	2	-	-
North Tipperary	19	14	44	49	121	115	198	168	125	128	22	33	2	-	-	-
South Tipperary	18	20	60	50	156	147	210	198	137	144	24	25	-	2	-	-
Waterford City	11	18	44	56	120	100	131	136	76	78	15	11	2	1	-	-
Waterford County	11	5	36	33	98	87	165	161	130	103	16	27	-	1	-	-
CONNACHT	73	65	319	295	808	716	1,535	1,349	1,165	1,077	265	236	16	9	-	3
Galway City	11	13	56	62	138	127	206	203	144	148	34	35	1	-	-	1
Galway County	19	17	80	85	231	214	536	474	462	408	103	81	6	3	-	1
Leitrim	7	2	15	18	49	43	92	78	75	48	14	13	-	1	-	-
Mayo	16	17	79	72	191	161	347	297	233	224	59	51	2	4	-	-
Roscommon	9	7	39	21	94	77	152	153	124	127	27	24	6	1	-	1
Sligo	11	9	50	37	105	94	202	144	127	122	28	32	1	-	-	-
ULSTER (PART OF)	46	49	209	206	468	484	811	691	474	429	93	96	6	5	-	-
Cavan	12	15	59	56	147	142	221	206	130	117	27	23	2	1	-	-
Donegal	29	28	109	114	211	239	407	347	258	219	49	52	2	4	-	-
Monaghan	5	6	41	36	110	103	183	138	86	93	17	21	2	-	-	-
REGIONAL AUTHORITIES:																
Border	93	88	396	381	868	835	1,451	1,199	892	800	172	178	8	6	-	-
Midland	68	70	265	266	512	517	847	813	488	466	96	100	7	8	-	-
West	55	54	254	240	654	579	1,241	1,127	963	907	223	191	15	8	-	3
Dublin	249	234	1,130	1,080	2,299	2,216	3,885	3,704	2,617	2,558	602	556	31	26	-	-
Mid-East	97	74	352	356	982	925	1,804	1,625	1,189	1,193	240	207	16	14	-	2
Mid-West	77	65	313	265	648	588	1,007	943	695	668	155	183	5	6	-	-
South-East	122	97	418	353	887	861	1,300	1,295	887	820	158	170	9	12	1	-
South-West	97	76	426	395	1,013	924	1,959	1,828	1,360	1,316	270	291	22	22	-	-

Table 2.7 Births outside marriage/civil partnership in 2012 classified by area of residence and age of mother at maternity

Area of residence	Under 25		25-29		30-34		35-39		40 & over		Age not stated		All ages	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
STATE	3,651	3,380	3,903	3,690	3,244	3,070	1,634	1,679	450	476	-	2	12,882	12,297
LEINSTER	2,205	2,066	2,348	2,283	1,989	1,893	1,006	1,024	275	285	-	1	7,823	7,552
Carlow	78	56	45	59	43	38	18	23	3	5	-	-	187	181
Dublin City	514	486	486	488	453	416	233	265	84	77	-	-	1,770	1,732
South Dublin	331	304	347	311	271	237	114	107	29	36	-	-	1,092	995
Fingal	209	208	300	241	283	250	146	124	26	39	-	-	964	862
Dun Laoghaire Rathdown	77	62	96	89	118	96	72	79	23	19	-	-	386	345
Kildare	154	162	195	190	164	159	82	88	19	20	-	-	614	619
Kilkenny	68	47	66	75	42	60	32	31	8	7	-	-	216	220
Laois	78	79	68	77	50	62	18	33	2	7	-	-	216	258
Longford	32	42	37	34	22	26	14	10	3	4	-	-	108	116
Louth	133	126	136	120	86	88	51	42	9	9	-	-	415	385
Meath	116	106	155	166	139	137	57	72	18	16	-	-	485	497
Offaly	73	75	63	74	42	49	26	21	5	6	-	-	209	225
Westmeath	82	94	76	82	58	56	27	28	10	5	-	-	253	265
Wexford	160	123	142	164	119	110	54	49	13	17	-	-	488	463
Wicklow	100	96	136	113	99	109	62	52	23	18	-	1	420	389
MUNSTER	936	841	1,023	901	797	780	382	415	110	119	-	-	3,248	3,056
Clare	98	80	88	78	64	72	23	37	10	14	-	-	283	281
Cork City	112	99	136	110	91	74	36	30	13	10	-	-	388	323
Cork County	245	209	275	233	238	248	125	142	37	43	-	-	920	875
Kerry	91	79	78	81	77	90	40	55	15	14	-	-	301	319
Limerick City	90	71	71	75	60	39	16	23	14	6	-	-	251	214
Limerick County	88	82	104	85	89	67	51	38	5	10	-	-	337	282
North Tipperary	52	57	64	59	38	39	21	19	3	4	-	-	178	178
South Tipperary	72	63	82	74	50	57	21	21	5	9	-	-	230	224
Waterford City	44	66	70	60	47	51	26	28	3	2	-	-	190	207
Waterford County	44	35	55	46	43	43	23	22	5	7	-	-	170	153
CONNACHT	292	262	342	300	301	270	175	166	41	42	-	1	1,151	1,041
Galway City	38	43	48	60	46	47	32	29	5	3	-	-	169	182
Galway County	74	71	87	79	86	76	58	52	12	15	-	1	317	294
Leitrim	17	15	20	15	19	16	6	9	-	1	-	-	62	56
Mayo	77	64	88	75	78	59	37	34	14	14	-	-	294	246
Roscommon	33	26	45	32	29	32	18	20	5	3	-	-	130	113
Sligo	53	43	54	39	43	40	24	22	5	6	-	-	179	150
ULSTER (PART OF)	218	211	190	206	157	127	71	74	24	30	-	-	660	648
Cavan	59	53	57	64	46	38	24	20	9	8	-	-	195	183
Donegal	121	121	88	103	68	60	41	39	12	14	-	-	330	337
Monaghan	38	37	45	39	43	29	6	15	3	8	-	-	135	128
REGIONAL AUTHORITIES:														
Border	421	395	400	380	305	271	152	147	38	46	-	-	1,316	1,239
Midland	265	290	244	267	172	193	85	92	20	22	-	-	786	864
West	222	204	268	246	239	214	145	135	36	35	-	1	910	835
Dublin	1,131	1,060	1,229	1,129	1,125	999	565	575	162	171	-	-	4,212	3,934
Mid-East	370	364	486	469	402	405	201	212	60	54	-	1	1,519	1,505
Mid-West	328	290	327	297	251	217	111	117	32	34	-	-	1,049	955
South-East	466	390	460	478	344	359	174	174	37	47	-	-	1,481	1,448
South-West	448	387	489	424	406	412	201	227	65	67	-	-	1,609	1,517

Table 2.8 Total births in 2012, classified by age of mother at maternity and number of previous liveborn children

Age of mother at maternity	Number of previous liveborn children												
	Total	0	1	2	3	4	5	6	7	8	9	10 or more	Not stated
All ages	71,674	27,657	24,951	12,431	4,249	1,320	510	171	80	42	33	27	203
15 and under	27	26	1	-	-	-	-	-	-	-	-	-	-
16	97	94	3	-	-	-	-	-	-	-	-	-	-
17	227	215	12	-	-	-	-	-	-	-	-	-	-
18	472	417	48	4	1	-	-	-	-	-	-	-	2
19	793	664	114	12	2	-	-	-	-	-	-	-	1
Under 20	1,616	1,416	178	16	3	-	-	-	-	-	-	-	3
20	968	755	188	20	3	1	-	-	-	-	-	-	1
21	1,169	804	297	54	12	2	-	-	-	-	-	-	-
22	1,350	834	380	109	19	2	1	1	-	-	-	-	4
23	1,570	892	501	154	21	-	1	-	-	-	-	-	1
24	1,833	937	658	171	51	10	-	1	-	-	-	-	5
20-24	6,890	4,222	2,024	508	106	15	2	2	-	-	-	-	11
25	2,113	1,058	716	260	53	14	7	-	-	-	-	-	5
26	2,555	1,219	887	313	93	30	8	-	-	-	-	-	5
27	2,956	1,435	1,009	348	114	30	9	2	1	-	-	-	8
28	3,491	1,628	1,207	464	132	42	7	2	-	1	1	-	7
29	4,193	1,872	1,535	528	171	48	19	10	2	-	-	-	8
25-29	15,308	7,212	5,354	1,913	563	164	50	14	3	1	1	-	33
30	4,705	2,064	1,697	609	211	59	33	8	5	1	-	-	18
31	5,245	2,250	1,885	752	231	68	30	7	6	2	2	-	12
32	5,555	2,143	2,129	856	261	98	26	13	11	2	-	-	16
33	5,437	1,831	2,193	964	271	95	45	10	3	2	2	1	20
34	5,086	1,564	1,963	1,067	322	95	34	14	5	1	4	2	15
30-34	26,028	9,852	9,867	4,248	1,296	415	168	52	30	8	8	3	81
35	4,762	1,239	1,863	1,150	326	95	47	14	8	4	2	1	13
36	4,314	1,024	1,534	1,120	428	127	35	8	4	4	6	4	20
37	3,508	764	1,181	1,035	363	92	36	13	4	5	2	2	11
38	2,903	562	971	837	352	104	40	12	3	7	2	2	11
39	2,332	487	722	653	299	101	32	11	8	2	3	5	9
35-39	17,819	4,076	6,271	4,795	1,768	519	190	58	27	22	15	14	64
40	1,619	340	501	423	223	83	26	7	2	2	5	3	4
41	1,018	209	321	254	135	46	26	11	4	6	-	3	3
42	621	127	183	142	81	43	22	7	8	1	2	2	3
43	361	79	125	72	41	16	14	9	1	1	-	2	1
44	173	54	54	32	15	6	2	5	3	1	1	-	-
40-44	3,792	809	1,184	923	495	194	90	39	18	11	8	10	11
45 and over	215	67	71	27	18	13	10	6	2	-	1	-	-
Age not stated	6	3	2	1	-	-	-	-	-	-	-	-	-

Table 2.9 Births outside marriage/civil partnership in 2012, classified by age of mother at maternity and number of previous liveborn children

Age of mother at maternity	Number of previous liveborn children												
	Total	0	1	2	3	4	5	6	7	8	9	10 or more	Not stated
All ages	25,179	12,481	7,840	3,066	1,070	383	170	67	29	15	6	4	48
15 and under	27	26	1	-	-	-	-	-	-	-	-	-	-
16	94	91	3	-	-	-	-	-	-	-	-	-	-
17	213	201	12	-	-	-	-	-	-	-	-	-	-
18	425	375	45	3	1	-	-	-	-	-	-	-	1
19	700	594	95	9	1	-	-	-	-	-	-	-	1
Under 20	1,459	1,287	156	12	2	-	-	-	-	-	-	-	2
20	862	692	153	12	3	1	-	-	-	-	-	-	1
21	1,001	707	241	40	11	2	-	-	-	-	-	-	-
22	1,133	732	302	81	13	1	1	-	-	-	-	-	3
23	1,257	756	384	107	8	-	1	-	-	-	-	-	1
24	1,319	707	463	106	31	8	-	1	-	-	-	-	3
20-24	5,572	3,594	1,543	346	66	12	2	1	-	-	-	-	8
25	1,466	764	481	175	30	8	6	-	-	-	-	-	2
26	1,561	756	549	176	53	24	3	-	-	-	-	-	-
27	1,539	755	526	178	56	13	6	2	-	-	-	-	3
28	1,517	683	543	204	64	16	2	2	-	1	-	-	2
29	1,510	643	546	213	66	21	9	5	2	-	-	-	5
25-29	7,593	3,601	2,645	946	269	82	26	9	2	1	-	-	12
30	1,456	615	488	231	73	28	10	4	2	-	-	-	5
31	1,448	623	494	210	75	26	15	1	1	-	1	-	2
32	1,289	523	433	197	82	26	9	6	7	2	-	-	4
33	1,137	450	377	203	62	25	13	3	1	1	-	-	2
34	984	366	322	173	65	37	14	3	-	-	1	-	3
30-34	6,314	2,577	2,114	1,014	357	142	61	17	11	3	2	-	16
35	848	310	287	154	50	21	14	6	3	-	-	-	3
36	824	293	250	147	86	29	9	4	1	1	1	1	2
37	608	194	203	120	55	14	15	5	-	1	-	-	1
38	550	165	185	104	52	25	7	8	-	1	1	1	1
39	483	161	147	83	52	16	12	5	3	1	1	-	2
35-39	3,313	1,123	1,072	608	295	105	57	28	7	4	3	2	9
40	340	108	120	45	33	19	6	5	2	-	-	2	-
41	229	75	74	40	20	5	6	4	1	4	-	-	-
42	152	46	51	24	10	6	8	1	4	1	1	-	-
43	91	25	29	14	12	6	3	-	-	1	-	-	1
44	51	17	18	6	3	3	-	2	1	1	-	-	-
40-44	863	271	292	129	78	39	23	12	8	7	1	2	1
45 and over	63	27	18	10	3	3	1	-	1	-	-	-	-
Age not stated	2	1	-	1	-	-	-	-	-	-	-	-	-

Table 2.10 Births within marriage/civil partnership in 2012, classified by age of mother at maternity and year of marriage/civil partnership

Age of mother at maternity	Total	Births within marriage/civil partnership: the year of marriage/civil partnership being												
		2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001 & earlier	Not stated
All ages	46,495	701	5,679	5,830	5,707	5,649	4,950	3,950	3,089	2,348	1,785	1,325	3,457	2,025
15 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	3	2	-	-	-	-	-	-	-	-	-	-	-	1
17	14	2	11	-	-	-	-	-	-	-	-	-	-	1
18	47	9	29	5	1	-	-	-	-	-	-	-	-	3
19	93	16	50	18	4	-	-	-	-	-	-	-	-	5
Under 20	157	29	90	23	5	-	-	-	-	-	-	-	-	10
20	106	7	34	28	17	5	2	-	-	-	-	-	-	13
21	168	8	46	41	31	18	5	1	-	-	-	-	-	18
22	217	20	47	35	36	34	23	4	2	-	-	-	-	16
23	313	15	72	59	42	43	32	20	5	1	1	-	-	23
24	514	26	110	90	83	70	48	26	16	3	1	-	-	41
20-24	1,318	76	309	253	209	170	110	51	23	4	2	-	-	111
25	647	27	155	116	104	80	58	32	30	15	5	1	1	23
26	994	39	243	210	138	96	70	61	51	22	13	6	5	40
27	1,417	27	343	284	213	165	104	75	53	38	25	20	10	60
28	1,974	45	395	441	294	265	149	108	60	40	36	27	31	83
29	2,683	59	497	530	427	372	246	172	108	58	40	37	43	94
25-29	7,715	197	1,633	1,581	1,176	978	627	448	302	173	119	91	90	300
30	3,249	67	566	576	514	469	359	196	130	82	49	39	74	128
31	3,797	50	570	658	592	564	407	304	186	114	62	51	92	147
32	4,266	55	569	620	636	611	534	378	252	153	105	54	146	153
33	4,300	44	447	527	620	597	579	401	309	208	138	84	174	172
34	4,102	38	371	435	525	544	515	465	338	237	167	98	191	178
30-34	19,714	254	2,523	2,816	2,887	2,785	2,394	1,744	1,215	794	521	326	677	778
35	3,914	32	351	319	393	480	495	416	349	276	241	117	282	163
36	3,490	32	263	239	310	377	414	394	330	282	200	169	329	151
37	2,900	22	167	199	221	281	285	302	271	264	235	158	372	123
38	2,353	11	115	125	182	194	213	212	225	214	168	155	408	131
39	1,849	16	104	104	121	155	157	145	161	149	127	123	405	82
35-39	14,506	113	1,000	986	1,227	1,487	1,564	1,469	1,336	1,185	971	722	1,796	650
40	1,279	11	55	69	90	96	114	100	103	101	76	83	324	57
41	789	12	31	42	50	63	61	61	46	41	46	52	235	49
42	469	3	16	31	27	27	32	41	28	26	20	28	155	35
43	270	2	9	13	20	17	26	15	22	9	16	8	96	17
44	122	3	7	5	9	16	10	7	5	5	5	4	37	9
40-44	2,929	31	118	160	196	219	243	224	204	182	163	175	847	167
45 and over	152	1	4	10	7	10	11	14	9	10	9	11	47	9
Age not stated	4	-	2	1	-	-	1	-	-	-	-	-	-	-

Table 2.11 First births within marriage/civil partnership in 2012, classified by age of mother at maternity and year of marriage/civil partnership

Age of mother at maternity	Total	First births within marriage/civil partnership: the year of marriage/civil partnership being												
		2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001 & earlier	Not stated
All ages	15,176	461	4,037	3,843	2,233	1,359	913	517	331	229	128	85	224	816
15 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	3	2	-	-	-	-	-	-	-	-	-	-	-	1
17	14	2	11	-	-	-	-	-	-	-	-	-	-	1
18	42	6	28	4	1	-	-	-	-	-	-	-	-	3
19	70	15	47	5	-	-	-	-	-	-	-	-	-	3
Under 20	129	25	86	9	1	-	-	-	-	-	-	-	-	8
20	63	6	31	12	5	-	-	-	-	-	-	-	-	9
21	97	7	40	21	13	5	-	-	-	-	-	-	-	11
22	102	18	32	16	13	9	6	2	-	-	-	-	-	6
23	136	9	53	28	16	11	4	1	-	1	-	-	-	13
24	230	23	69	55	28	19	14	3	2	-	-	-	-	17
20-24	628	63	225	132	75	44	24	6	2	1	-	-	-	56
25	294	21	98	70	43	27	9	7	4	1	1	1	1	11
26	463	29	163	134	61	28	19	10	2	-	2	1	3	11
27	680	18	231	190	113	57	23	8	8	4	2	2	4	20
28	945	24	271	295	136	93	36	18	6	6	4	3	1	52
29	1,229	43	352	363	194	106	48	32	19	8	5	1	4	54
25-29	3,611	135	1,115	1,052	547	311	135	75	39	19	14	8	13	148
30	1,449	40	417	404	216	141	79	42	21	9	4	2	7	67
31	1,627	32	422	485	266	150	88	39	27	15	7	2	14	80
32	1,620	37	416	449	252	154	102	56	34	19	11	6	8	76
33	1,381	27	322	364	240	120	102	54	34	12	8	8	13	77
34	1,198	23	275	289	196	128	77	63	33	13	10	5	11	75
30-34	7,275	159	1,852	1,991	1,170	693	448	254	149	68	40	23	53	375
35	929	20	247	208	118	83	85	30	22	32	13	5	19	47
36	731	14	189	128	92	68	62	47	39	24	9	11	9	39
37	570	14	114	107	74	50	43	35	25	27	19	10	23	29
38	397	6	74	61	59	34	35	21	12	18	5	8	24	40
39	326	10	64	62	24	32	23	16	20	16	9	5	21	24
35-39	2,953	64	688	566	367	267	248	149	118	117	55	39	96	179
40	232	2	35	43	35	22	19	7	11	12	6	4	19	17
41	134	6	19	20	13	10	12	7	1	5	9	5	15	12
42	81	2	9	13	8	2	9	10	4	3	1	3	8	9
43	54	2	2	6	9	2	10	1	4	1	3	2	7	5
44	37	3	3	3	5	5	3	3	1	1	-	1	5	4
40-44	538	15	68	85	70	41	53	28	21	22	19	15	54	47
45 and over	40	-	2	7	3	3	5	5	2	2	-	-	8	3
Age not stated	2	-	1	1	-	-	-	-	-	-	-	-	-	-

Table 2.12 Births in 2012, classified by period of gestation and age of mother at maternity

Period of gestation in weeks	Age of mother at maternity									
	All ages	15 and under	16-19	20-24	25-29	30-34	35-39	40-44	45 years and over	Age not stated
Total	71,674	27	1,589	5,061	11,115	20,942	15,487	3,619	215	6
Under 28	240	-	3	28	46	80	62	19	2	-
28-31	487	1	22	46	90	148	126	50	4	-
32-35	1,976	1	38	186	356	672	520	173	30	-
36-39	30,017	8	554	2,578	5,945	10,605	8,257	1,953	115	2
40 and over	37,104	15	908	3,852	8,466	13,831	8,447	1,527	54	4
Not stated	1,850	2	64	200	405	692	407	70	10	-

Table 2.13 Births in 2012, classified by age of mother at maternity and birthweight

Birthweight in grams	Age of mother at maternity									
	All ages	15 and under	16-19	20-24	25-29	30-34	35-39	40-44	45 years and over	Age not stated
Total	71,674	27	1,589	6,890	15,308	26,028	17,819	3,792	215	6
Under 1000	259	-	4	34	50	78	66	24	3	-
1000-1499	394	2	12	41	68	119	106	41	5	-
1500-1999	810	-	31	91	128	265	208	77	10	-
2000-2499	2,398	-	61	263	517	767	564	198	28	-
2500-2999	8,412	3	283	979	1,875	2,770	1,974	485	42	1
3000-3499	22,774	10	582	2,491	5,116	8,085	5,284	1,162	43	1
3500-3999	24,773	7	480	2,147	5,156	9,362	6,373	1,187	59	2
4000 and over	11,617	5	129	826	2,354	4,484	3,190	604	23	2
Not stated	237	-	7	18	44	98	54	14	2	-

Table 2.14 Births in 2012, classified by period of gestation and birthweight

Birthweight in grams	Period of gestation in weeks						
	Total	Under 28	28-31	32-35	36-39	40 & over	Not stated
Total	71,674	240	487	1,976	30,017	37,104	1,850
Under 1000	259	192	48	4	5	6	4
1000-1499	394	42	233	100	8	6	5
1500-1999	810	1	154	508	127	7	13
2000-2499	2,398	1	23	816	1,409	102	47
2500-2999	8,412	-	11	449	5,954	1,799	199
3000-3499	22,774	1	6	72	11,421	10,734	540
3500-3999	24,773	-	10	20	8,427	15,721	595
4000 and over	11,617	-	1	4	2,628	8,686	298
Not stated	237	3	1	3	38	43	149

Table 2.15 Births in 2012, classified by sex of infant and birthweight

Sex of infant	Birthweight in grams									
	Total	Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000 and over	Not stated
Total	71,674	259	394	810	2,398	8,412	22,774	24,773	11,617	237
Male	36,890	114	200	419	1,118	3,721	10,577	13,269	7,340	132
Female	34,784	145	194	391	1,280	4,691	12,197	11,504	4,277	105

Table 2.16 Births in 2012, classified by sex of infant and period of gestation

Sex of infant	Period of gestation in weeks						
	Total	Under 28	28-31	32-35	36-39	40 & over	Not stated
Total	71,674	240	487	1,976	30,017	37,104	1,850
Male	36,890	112	265	1,086	15,538	18,963	926
Female	34,784	128	222	890	14,479	18,141	924

Table 2.17 Births in 2012 showing place of occurrence and area of normal residence

Area	Hospital births				Domiciliary births			
	Total number registered	Number transferred from area	Number transferred to area	Net number	Total number registered	Number transferred from area	Number transferred to area	Net number
STATE	71,441	-	-	71,441	233	-	-	233
LEINSTER	40,371	994	1,716	41,093	101	-	2	103
Carlow	-	-	921	921	-	-	-	-
Dublin City	26,612	18,947	205	7,870	54	32	2	24
South Dublin	-	-	4,924	4,924	-	-	4	4
Fingal	-	-	5,551	5,551	-	-	18	18
Dun Laoghaire Rathdown	1,286	958	2,448	2,776	-	-	20	20
Kildare	1	1	3,637	3,637	9	3	2	8
Kilkenny	1,920	945	412	1,387	-	-	1	1
Laois	2,054	1,009	228	1,273	4	1	-	3
Longford	-	-	646	646	-	-	-	-
Louth	3,631	1,883	131	1,879	7	3	-	4
Meath	-	-	3,182	3,182	3	-	3	6
Offaly	-	-	1,153	1,153	1	-	-	1
Westmeath	2,699	1,671	417	1,445	2	-	-	2
Wexford	2,168	279	328	2,217	1	-	-	1
Wicklow	-	-	2,232	2,232	20	11	2	11
MUNSTER	18,477	746	661	18,392	89	1	-	88
Clare	-	-	1,697	1,697	6	-	2	8
Cork City	8,521	7,112	3	1,412	51	41	-	10
Cork County	1	-	6,589	6,590	10	-	41	51
Kerry	1,667	95	353	1,925	12	1	-	11
Limerick City	4,897	4,079	8	826	3	3	-	-
Limerick County	-	-	2,045	2,045	2	-	2	4
North Tipperary	-	-	1,037	1,037	1	-	-	1
South Tipperary	1,165	266	292	1,191	-	-	-	-
Waterford City	2,226	1,439	10	797	4	2	-	2
Waterford County	-	-	872	872	-	-	1	1
CONNACHT	8,805	1,187	279	7,897	35	1	-	34
Galway City	3,361	2,204	15	1,172	15	8	-	7
Galway County	2,048	1,356	2,014	2,706	6	-	8	14
Leitrim	-	-	454	454	-	-	1	1
Mayo	1,795	174	129	1,750	3	-	-	3
Roscommon	-	-	854	854	9	1	-	8
Sligo	1,601	696	56	961	2	1	-	1
ULSTER (PART OF)	3,788	344	615	4,059	8	-	-	8
Cavan	1,910	873	120	1,157	1	-	-	1
Donegal	1,878	9	193	2,062	6	-	-	6
Monaghan	-	-	840	840	1	-	-	1
REGIONAL AUTHORITIES:								
Border	9,020	2,024	357	7,353	17	3	-	14
Midland	4,753	1,416	1,180	4,517	7	1	-	6
West	7,204	1,059	337	6,482	33	1	-	32
Dublin	27,898	7,166	389	21,121	54	2	14	66
Mid-East	1	1	9,051	9,051	32	13	6	25
Mid-West	4,897	211	919	5,605	12	-	1	13
South-East	7,479	717	623	7,385	5	-	-	5
South-West	10,189	402	140	9,927	73	-	-	72

Table 2.18 Births in 2012 by day of occurrence and mothers' usual residence

Area of residence	Day of occurrence						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
STATE	10,260	11,192	11,474	11,917	11,375	8,174	7,282
LEINSTER	5,838	6,240	6,458	6,838	6,529	4,838	4,455
Carlow	140	143	117	183	134	113	91
Dublin City	1,097	1,182	1,212	1,279	1,171	994	959
South Dublin	705	716	775	804	794	593	541
Fingal	811	865	871	915	870	632	605
Dun Laoghaire Rathdown	398	402	443	484	425	329	315
Kildare	496	567	599	607	590	407	379
Kilkenny	212	228	218	249	169	184	128
Laois	164	166	165	222	225	180	154
Longford	95	111	117	101	113	60	49
Louth	265	299	298	310	342	202	167
Meath	444	524	524	533	517	339	307
Offaly	170	164	192	193	199	122	114
Westmeath	212	228	245	236	234	154	138
Wexford	284	322	320	381	366	292	253
Wicklow	345	323	362	341	380	237	255
MUNSTER	2,633	3,032	3,060	3,056	2,968	2,047	1,684
Clare	237	296	259	315	271	182	145
Cork City	214	255	204	253	228	139	129
Cork County	949	1,046	1,134	1,109	1,082	719	602
Kerry	229	315	289	336	346	222	199
Limerick City	110	134	139	147	133	102	61
Limerick County	261	366	341	348	337	213	183
North Tipperary	169	183	158	135	166	134	93
South Tipperary	193	191	213	168	176	142	108
Waterford City	125	119	151	115	97	107	85
Waterford County	146	127	172	130	132	87	79
CONNACHT	1,176	1,298	1,331	1,282	1,232	846	766
Galway City	188	185	181	181	186	136	122
Galway County	400	457	471	429	425	297	241
Leitrim	60	74	85	61	69	53	53
Mayo	273	286	281	302	249	201	161
Roscommon	129	135	145	156	138	66	93
Sligo	126	161	168	153	165	93	96
ULSTER (PART OF)	613	622	625	741	646	443	377
Cavan	183	181	199	198	173	137	87
Donegal	314	307	300	409	311	224	203
Monaghan	116	134	126	134	162	82	87
REGIONAL AUTHORITIES:							
Border	1,064	1,156	1,176	1,265	1,222	791	693
Midland	641	669	719	752	771	516	455
West	990	1,063	1,078	1,068	998	700	617
Dublin	3,011	3,165	3,301	3,482	3,260	2,548	2,420
Mid-East	1,285	1,414	1,485	1,481	1,487	983	941
Mid-West	777	979	897	945	907	631	482
South-East	1,100	1,130	1,191	1,226	1,074	925	744
South-West	1,392	1,616	1,627	1,698	1,656	1,080	930

Table 2.19 Births per 1,000 women in each age-group, Ireland, England and Wales, 2012

Age of mother	Total Births per 1,000 women		Births (within marriage/civil partnership) per 1,000 married/civil partnership women		Births (outside marriage/civil partnership) per 1,000 single, widowed, divorced or separated women	
	Ireland*	England and Wales	Ireland*	England and Wales	Ireland*	England and Wales
	15 - 19 years	12.0	19.9	1570.0	223.2	10.9
20 - 24 "	49.5	69.9	292.9	274.9	41.4	57.9
25 - 29 "	86.1	105.1	199.4	229.0	54.6	65.7
30 - 34 "	129.5	113.9	199.7	180.6	61.8	65.9
35 - 39 "	97.4	63.7	122.0	76.2	51.8	43.8
40 - 44 "	22.7	13.7	25.3	13.9	16.8	13.0
45 - 49 "	1.4	0.9	1.4	0.9	1.4	1.0
Total 15 - 49 years	61.9	64.8	95.5	104.0	37.6	45.5

* Rates are based on the 2011 usual residence population estimates.

¹ Since the number of births within marriage/civil partnership in the under 20 age-group is small, caution should be exercised in the interpretation of trends in this rate.

Table 2.20 Number of multiple births and the number of twins per 1,000 maternities, 1987-2012

Year	Live births	Maternities which resulted in live issue	Multiple confinements				
			Twins	Triplets	Quadruplets	Quintuplets	Twinning rate
1987	58,433	57,818	625	12	-	-	10.8
1988	54,600	53,981	639	5	-	-	11.8
1989	52,018	51,398	626	7	-	-	12.2
1990	53,044	52,425	649	8	-	1	12.4
1991	52,718	52,142	610	6	2	-	11.7
1992	51,089	50,505	602	8	3	-	11.9
1993	49,304	48,748	574	13	-	-	11.8
1994	48,255	47,670	602	14	1	-	12.6
1995	48,787	48,138	674	16	-	-	14.0
1996	50,655	49,996	675	22	-	-	13.5
1997	52,775	52,071	737	26	1	-	14.2
1998	53,969	53,262	742	22	1	-	13.9
1999	53,924	53,191	728	29	-	-	13.7
2000	54,789	54,084	726	16	1	-	13.4
2001	57,854	56,962	891	24	2	1	15.6
2002	60,503	59,620	890	18	3	-	14.9
2003	61,529	60,645	896	26	-	-	14.8
2004	61,972	61,007	979	16	1	-	16.0
2005	61,372	60,456	937	13	1	-	15.5
2006	65,425	64,427	990	17	1	-	15.4
2007	71,389	70,287	1,105	26	1	-	15.7
2008	75,173	73,807	1,319	32	1	-	17.9
2009	75,554	74,335	1,206	14	1	-	16.2
2010	75,174	73,906	1,243	23	-	-	16.8
2011	74,033	72,669	1,307	27	1	-	18.0
2012	71,674	70,415	1,218	33	-	-	17.3

Table 2.21 Births by area of residence of mother during 2012 showing births outside marriage/civil partnership separately

Area of residence	Total including births outside marriage/civil partnership	Births within marriage/civil partnership	Birth rate per 1,000 population	Outside marriage/civil partnership			Percentage births outside marriage/civil partnership
				Total	Males	Females	
STATE	71,674	46,495	15.6	25,179	12,882	12,297	35.1
LEINSTER	41,196	25,821	16.4	15,375	7,823	7,552	37.3
Carlow	921	553	16.8	368	187	181	40.0
Dublin City	7,894	4,392	15.3	3,502	1,770	1,732	44.4
South Dublin	4,928	2,841	18.4	2,087	1,092	995	42.3
Fingal	5,569	3,743	20.2	1,826	964	862	32.8
Dun Laoghaire Rathdown	2,796	2,065	13.6	731	386	345	26.1
Kildare	3,645	2,412	17.2	1,233	614	619	33.8
Kilkenny	1,388	952	14.5	436	216	220	31.4
Laois	1,276	802	15.7	474	216	258	37.1
Longford	646	422	16.3	224	108	116	34.7
Louth	1,883	1,083	15.2	800	415	385	42.5
Meath	3,188	2,206	17.1	982	485	497	30.8
Offaly	1,154	720	15.0	434	209	225	37.6
Westmeath	1,447	929	16.7	518	253	265	35.8
Wexford	2,218	1,267	15.2	951	488	463	42.9
Wicklow	2,243	1,434	16.3	809	420	389	36.1
MUNSTER	18,480	12,176	14.8	6,304	3,248	3,056	34.1
Clare	1,705	1,141	14.5	564	283	281	33.1
Cork City	1,422	711	12.1	711	388	323	50.0
Cork County	6,641	4,846	16.5	1,795	920	875	27.0
Kerry	1,936	1,316	13.5	620	301	319	32.0
Limerick City	826	361	14.7	465	251	214	56.3
Limerick County	2,049	1,430	15.3	619	337	282	30.2
North Tipperary	1,038	682	14.6	356	178	178	34.3
South Tipperary	1,191	737	13.3	454	230	224	38.1
Waterford City	799	402	17.2	397	190	207	49.7
Waterford County	873	550	12.9	323	170	153	37.0
CONNACHT	7,931	5,739	14.7	2,192	1,151	1,041	27.6
Galway City	1,179	828	16.4	351	169	182	29.8
Galway County	2,720	2,109	15.5	611	317	294	22.5
Leitrim	455	337	14.2	118	62	56	25.9
Mayo	1,753	1,213	13.4	540	294	246	30.8
Roscommon	862	619	13.4	243	130	113	28.2
Sligo	962	633	14.8	329	179	150	34.2
ULSTER (PART OF)	4,067	2,759	13.8	1,308	660	648	32.2
Cavan	1,158	780	15.7	378	195	183	32.6
Donegal	2,068	1,401	12.8	667	330	337	32.3
Monaghan	841	578	13.7	263	135	128	31.3
REGIONAL AUTHORITIES:							
Border	7,367	4,812	14.3	2,555	1,316	1,239	34.7
Midland	4,523	2,873	15.9	1,650	786	864	36.5
West	6,514	4,769	14.7	1,745	910	835	26.8
Dublin	21,187	13,041	16.8	8,146	4,212	3,934	38.4
Mid-East	9,076	6,052	17.0	3,024	1,519	1,505	33.3
Mid-West	5,618	3,614	14.8	2,004	1,049	955	35.7
South-East	7,390	4,461	14.8	2,929	1,481	1,448	39.6
South-West	9,999	6,873	15.1	3,126	1,609	1,517	31.3

Table 2.22 Average age at maternity by area of residence of mother during 2012 showing births inside and outside marriage/civil partnership separately

Area of residence	Total (including outside marriage/civil partnership)		Within marriage/civil partnership		Outside marriage/civil partnership	
	Total births	First births	Total births	First births	Total births	First births
STATE	32.0	30.0	33.6	32.1	28.9	27.3
LEINSTER	31.8	29.9	33.5	32.1	29.0	27.4
Carlow	31.0	28.4	33.1	31.5	27.8	25.8
Dublin City	31.5	30.0	33.4	32.1	29.1	27.9
South Dublin	31.0	29.2	33.0	31.6	28.4	26.9
Fingal	32.2	30.5	33.4	32.0	29.6	28.3
Dun Laoghaire Rathdown	33.7	32.0	34.7	33.1	30.8	29.7
Kildare	32.1	30.1	33.6	32.2	29.1	27.4
Kilkenny	32.4	30.1	33.9	32.2	29.3	27.5
Laois	31.3	29.1	33.2	31.9	28.0	26.0
Longford	31.3	29.3	33.0	31.1	28.2	27.1
Louth	31.0	28.5	33.2	31.6	28.1	26.0
Meath	32.4	30.3	33.7	32.2	29.4	27.4
Offaly	31.2	28.9	33.2	32.0	27.9	26.2
Westmeath	31.3	29.0	33.1	31.8	28.1	26.1
Wexford	31.1	28.9	33.1	31.9	28.4	26.4
Wicklow	32.3	30.2	33.9	32.2	29.6	28.0
MUNSTER	32.1	30.0	33.8	32.3	28.9	27.1
Clare	32.3	30.2	34.2	32.7	28.5	27.1
Cork City	30.7	28.9	33.1	31.6	28.3	26.9
Cork County	32.8	30.8	33.9	32.5	29.6	27.8
Kerry	32.5	30.4	34.0	32.5	29.4	27.8
Limerick City	29.9	27.8	32.3	30.7	27.9	25.9
Limerick County	32.3	30.4	33.7	32.4	29.0	27.5
North Tipperary	31.9	29.4	33.8	32.2	28.2	25.8
South Tipperary	31.5	29.0	33.6	32.1	28.1	25.9
Waterford City	30.7	28.5	32.9	31.5	28.6	26.6
Waterford County	32.2	29.9	34.0	32.1	29.2	27.4
CONNACHT	32.6	30.6	33.8	32.3	29.4	27.9
Galway City	31.8	30.2	32.8	31.4	29.5	28.3
Galway County	33.2	31.3	34.2	32.6	29.9	28.2
Leitrim	32.5	30.6	33.8	32.4	28.7	27.4
Mayo	32.3	30.3	33.6	32.4	29.3	27.7
Roscommon	32.6	30.5	34.0	32.5	29.2	27.4
Sligo	32.1	29.7	33.8	32.0	28.8	27.5
ULSTER (PART OF)	31.6	29.0	33.1	31.7	28.3	25.9
Cavan	31.5	29.3	32.9	31.6	28.6	26.3
Donegal	31.6	28.7	33.3	31.9	28.0	25.3
Monaghan	31.6	29.4	33.0	31.3	28.6	26.8
REGIONAL AUTHORITIES:						
Border	31.6	29.1	33.3	31.7	28.3	26.2
Midland	31.3	29.0	33.1	31.8	28.0	26.2
West	32.6	30.7	33.8	32.3	29.5	28.0
Dublin	31.9	30.2	33.5	32.1	29.2	27.9
Mid-East	32.2	30.2	33.7	32.2	29.3	27.5
Mid-West	31.9	29.7	33.8	32.2	28.5	26.7
South-East	31.5	29.1	33.4	31.9	28.5	26.6
South-West	32.4	30.4	33.9	32.4	29.2	27.6

Table 2.23 Births inside and outside marriage/civil partnership and rates per 1,000 population, 1864-2012

Period	Inside marriage/civil partnership		Outside marriage/civil partnership				
	Total	Rate	Total	Rate	Male	Female	% of all births
1864-1870	104,342	25.17	2,584	0.62	1,304	1,280	2.42
1871-1880	102,674	25.88	1,705	0.43	878	827	1.63
1881-1890	82,187	22.45	1,575	0.43	816	759	1.89
1891-1900	72,527	21.76	1,468	0.44	753	715	1.99
1901-1910	69,912	22.08	1,468	0.46	754	714	2.06
1911-1920	64,912	20.99	1,595	0.51	815	780	2.41
1921-1930	58,700	19.64	1,706	0.57	880	826	2.83
1931-1940	55,212	18.70	1,893	0.64	970	923	3.31
1941-1950	62,728	21.13	2,282	0.77	1,173	1,109	3.51
1951-1960	60,444	20.82	1,220	0.42	633	587	1.97
1961-1970	61,035	21.19	1,382	0.48	700	682	2.21
1971-1980	66,806	20.93	2,633	0.82	1,356	1,277	3.77
1981-1990	55,985	15.94	5,643	1.61	2,894	2,749	9.16
1991-2000	39,091	10.75	12,535	3.45	6,454	6,081	24.28
2001-2010	44,964	10.68	21,631	5.14	11,113	10,518	28.77
1997	38,626	10.55	14,149	3.87	7,090	7,059	26.81
1998	38,477	10.39	15,492	4.18	7,940	7,552	28.71
1999	37,134	9.92	16,790	4.48	8,752	8,038	31.14
2000	37,523	9.91	17,266	4.56	8,945	8,321	31.51
2001	39,740	10.35	18,114	4.72	9,295	8,819	31.31
2002	41,624	10.63	18,879	4.82	9,639	9,240	31.20
2003	42,319	10.64	19,210	4.83	9,902	9,308	31.22
2004	42,174	10.43	19,798	4.90	10,212	9,586	31.95
2005	41,871	10.13	19,501	4.71	9,968	9,533	31.78
2006	44,028	10.38	21,397	5.05	11,072	10,325	32.70
2007	47,749	10.91	23,640	5.40	12,084	11,556	33.11
2008	50,028	11.15	25,145	5.61	12,905	12,240	33.45
2009	50,302	11.10	25,252	5.57	13,023	12,229	33.42
2010	49,802	10.93	25,372	5.57	13,028	12,344	33.75
2011	48,942	10.70	25,091	5.48	12,841	12,250	33.89
2012	46,495	10.14	25,179	5.49	12,882	12,297	35.13

Table 2.24a Total births in 2012 classified by nationality of mother, marital status and age

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	71,674	100.0	46,495	25,179	64.9	35.1	32.0
Ireland	54,410	75.9	35,083	19,327	48.9	27.0	32.3
United Kingdom	1,620	2.3	881	739	1.2	1.0	32.0
EU15 excl. Irl & UK	1,030	1.4	596	434	0.8	0.6	33.5
EU15 to EU27	8,030	11.2	4,975	3,055	6.9	4.3	29.6
Other	5,781	8.1	4,495	1,286	6.3	1.8	31.0
Not stated	803	1.1	465	338	0.6	0.5	31.3

Table 2.24b Total births in 2012 classified by nationality of parents

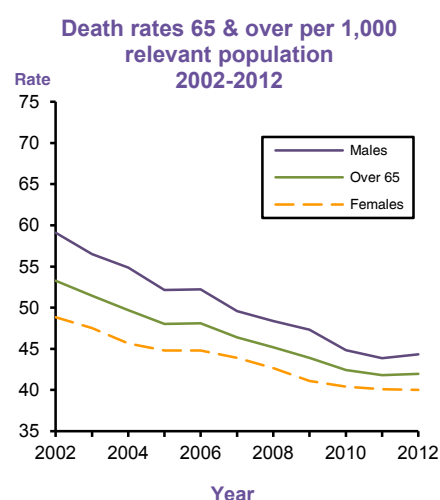
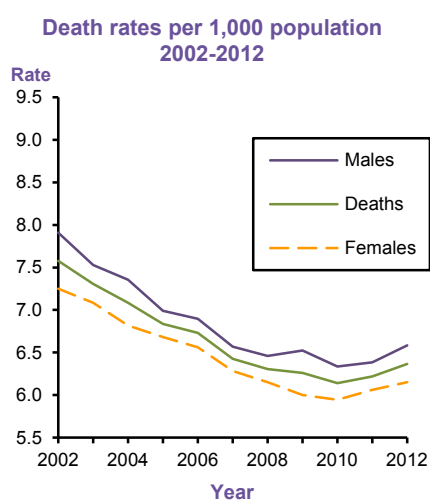
Nationality of mother	Nationality of father	Number	% of all births
Total		71,674	100.0
Ireland	Ireland	39,800	55.5
Ireland	United Kingdom	1,122	1.6
Ireland	EU15 excl. Irl & UK	368	0.5
Ireland	EU15 to EU27	197	0.3
Ireland	Other	875	1.2
Ireland	Not stated	12,048	16.8
United Kingdom	Ireland	956	1.3
EU15 excl. Irl & UK	Ireland	448	0.6
EU15 to EU27	Ireland	586	0.8
Other	Ireland	1,134	1.6
Not stated	Ireland	199	0.3
United Kingdom	United Kingdom	232	0.3
EU15 excl. Irl & UK	EU15 excl. Irl & UK	216	0.3
EU15 to EU27	EU15 to EU27	5,191	7.2
Other	Other	3,303	4.6
Remainder	Remainder	4,999	7.0

Chapter 3

Deaths 2012

There were 29,186 deaths in Ireland in 2012, of which 14,945 were males and 14,241 were females. This is equivalent to a rate of 6.4 deaths per 1,000 total population compared with 6.2 in 2011 and 6.1 in 2010. While 2012 shows an increase in the death rate, the crude death rate per 1,000 of population has shown a gradual downward trend since the beginning of the century, striking long-term falls occurred in the death rates at the younger ages. See tables 3.1, 3.2 and graphs below.

Additionally, significant decreases in the number of deaths due to circulatory disease have been recorded, decreasing from an average of 4.49 per 1,000 of the population in the years 1981-1990 to 2.02 in 2011 and 2.07 in 2012. See text table II on page 51.



Standardised death rates comparison between EU member states

For comparison purposes between the EU member states, the age effect can be taken into account by using a standard population. The (age-) **standardised death rate** is a weighted average of age-specific mortality rates. The weighting factor is the age distribution of a standard reference population. The standard reference population used is the European standard population as defined by Eurostat in 2012. The new European Standard Population (ESP) is the unweighted average of the individual populations of EU-28 plus EFTA countries in each 5-years age band (with the exception of under 5 and the highest age-group of 95+). The ESP is calculated from on the basis of the 2010-based population projections, averaged over the period 2011-30.

As method for standardisation, the *direct method* is applied. Standardised death rates are calculated for the age group 0-64 ('premature death') and for the total of ages. As most causes of death vary significantly with people's age and sex, the use of standardised death rates improves comparability over time and between countries.

Table I Standardised death¹ rates² in the European Union, 2011

Area of residence	Death rate	Area of residence	Death rate
European Union (28 Countries)	1,026.02		
Belgium	1,023.19	Lithuania	1,522.49
Bulgaria	1,689.28	Luxembourg	1,029.86
Czech Republic	1,331.30	Hungary	1,495.11
Denmark	1,111.17	Malta	1,036.18
Germany	1,004.36	Netherlands	1,001.27
Estonia	1,322.58	Austria	993.14
Ireland	1,026.16	Poland	1,322.56
Greece	1,022.57	Portugal	1,014.44
Spain	889.54	Romania	1,598.64
France	870.07	Slovenia	1,099.59
Croatia	1384.77	Slovakia	1,471.23
Italy	917.38	Finland	1,028.76
Cyprus	1,031.27	Sweden	966.22
Latvia	1,576.83	United Kingdom	978.78

¹ ICD10: All causes of death (A00-Y89) excluding S00-T98.

² Calculated using the European Standard Population projections averaged over the period 2011-30.

The latest available European Union standardised death rates are for 2011 and these rates are presented here and in table I above. The standardised death rate presented for Ireland for 2011 is 1,026.16. This rate is just above the standardised rate for the European Union 28 countries for which a rate of 1,026.02 has been calculated. The Irish standardised death rate in 2011 was also above that of the United Kingdom, 1,026.16 compared with 978.78. See table I.

Standardised death rates comparison between counties

Variations in the age distribution of the population from one area to another have an effect on the comparability of death rates between different areas. Comparisons over a period of years are also affected by changes in the age-sex structures of the population. If a particular county contains a large proportion of elderly persons, the crude death rate per 1,000 of population will be relatively high even if the health conditions in that area are better than the general average. In an attempt to overcome this, standardised rates are prepared. For a particular county this is done by calculating the death rate in each age-group of the population in that county and multiplying the death rate in each age group by the population in the whole country in that age group, summing the resulting products and dividing by the overall population.

The standardised death rate for Ireland per 1,000 of population in 2012 was 6.36 and the corresponding rate for 2011 was 6.22. In certain areas the standardised death rates differ significantly from the crude rates, the extremes being Fingal which had a crude death rate of 3.91 and a standardised rate of 6.45 (reflecting the very young age structure in Fingal) and Mayo where the standardisation had the effect of lowering the crude death rate from 8.43.26 to 6.51 because of the comparatively older age distribution in that county.

The standardised death rates in 2012 were lowest in Galway City (at 4.39 per thousand population) and highest in Limerick City (at 8.85 per thousand population). See table 3.3.

Causes of Death

Of deaths occurring in 2012, just under 75% were attributed to 3 main chapters in the ICD-10 classification: IX (I00-I99) diseases of the circulatory system (32.5%), II (C00-D48) neoplasms (30.1%), and X (J00-J99) diseases of the respiratory system (12.0%). A similar overall breakdown is evident for males and females. See table 3.8.

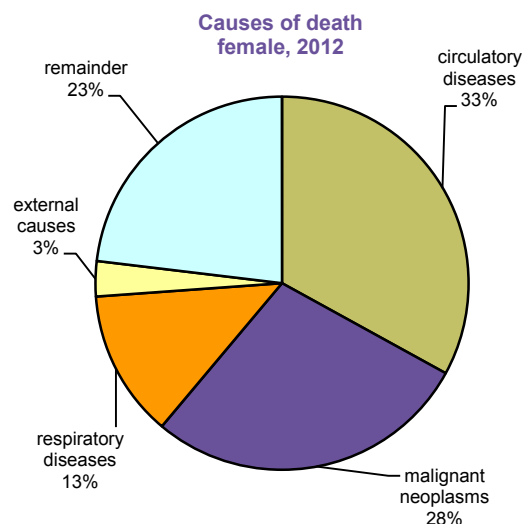
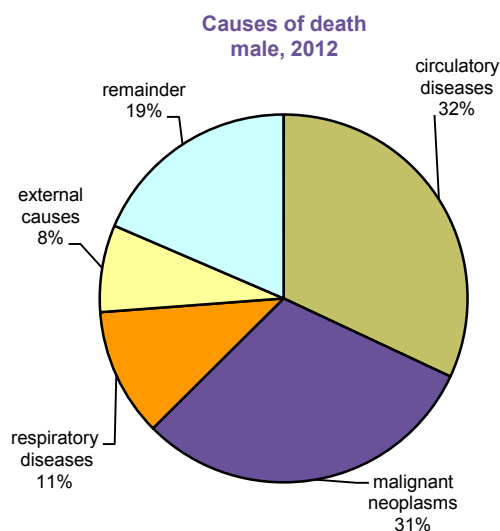


Table II Standardised death rates per 1,000 population for certain underlying causes of death in each year 1998 to 2012 and annual averages in the period 1981 to 2010

Year	Total	II Neoplasms	IX Diseases of the circulatory system	X Diseases of the respiratory system	External causes of injury and poisoning
Number of deaths					
1981-1990	32,375	6,880	15,768	4,343	1,519
1991-2000	31,646	7,551	13,768	4,688	1,465
2001-2010	31,563	8,034	10,438	3,921	1,606
1998	31,563	7,554	13,241	4,834	1,614
1999	32,608	7,651	13,380	5,391	1,603
2000	31,391	7,784	12,666	4,863	1,578
2001	30,212	7,732	11,886	4,472	1,648
2002	29,683	7,621	11,652	4,344	1,603
2003	29,074	7,684	11,038	4,454	1,457
2004	28,665	7,917	10,666	4,079	1,420
2005	28,260	7,861	10,149	4,048	1,579
2006	28,488	8,171	9,980	4,079	1,486
2007	28,117	8,121	9,956	3,324	1,759
2008	28,274	8,389	9,956	3,522	1,721
2009	28,380	8,523	9,507	3,606	1,726
2010	27,961	8,316	9,594	3,280	1,660
2011	28,456	8,871	9,236	3,438	1,693
2012	29,186	8,781	9,480	3,497	1,577
Rates per 1,000 population					
1981-1990	9.22	1.96	4.49	1.24	0.43
1991-2000	8.70	2.08	3.79	1.29	0.40
2001-2010	6.94	1.91	2.48	0.93	0.38
1998	9.00	2.04	3.58	1.31	0.44
1999	8.71	2.04	3.58	1.44	0.43
2000	8.28	2.05	3.34	1.28	0.42
2001	7.85	2.01	3.09	1.16	0.43
2002	7.58	1.95	2.97	1.11	0.41
2003	7.31	1.93	2.77	1.12	0.37
2004	7.09	1.96	2.64	1.01	0.35
2005	6.84	1.90	2.46	0.98	0.38
2006	6.72	1.93	2.35	0.96	0.35
2007	6.43	1.86	2.28	0.76	0.40
2008	6.30	1.87	2.22	0.79	0.38
2009	6.26	1.88	2.10	0.80	0.38
2010	6.14	1.83	2.11	0.72	0.36
2011	6.22	1.94	2.02	0.75	0.37
2012	6.36	1.91	2.07	0.76	0.34

Within different age-groups, there are significant differences in the assigned underlying causes of death. For those aged less than five years of age, the main cause of death was certain conditions originating in the perinatal period (39.8%). In this age group 37.4% of male deaths and 42.1% of female deaths were attributed to these causes. Congenital malformations and chromosomal abnormalities also accounted for a large volume of deaths (36.6%) in this age-group. The numbers of deaths in the 0-4 age-group are very much dominated by infant deaths (84.9% aged 0). See tables 3.9 and 3.10 and chapter 4.

In the age group 5-14 neoplasms were the main underlying cause of death with 31.4% of male deaths and 45.8% of female deaths recorded in this category. See tables 3.9 and 3.10.

A large proportion of deaths in age-groups, from ages 15 to 34, were due to External causes of injury and poisoning (63.5%). Over 70% of males aged 15 to 34 died due external causes of injury and poisoning. The corresponding figure for females was 46.2%. Additionally, there were 2.6 male deaths for every 1 female death in this age group. External causes of injury and poisoning (40.7%) were also the main causes of death for males aged 35-44 while neoplasms (46.7%) were the main causes of female deaths in this age-group. See tables 3.9 and 3.10.

From 45 to 74 years of age, neoplasms were the main underlying cause of death (45.4%). Within this larger age cohort, males for the age group 45 to 54 were highest in diseases of the circulatory system (28.2%) followed closely by neoplasms (28.1%). See tables 3.9 and 3.10.

The older age-groups (75 years and over) are more affected by diseases of the circulatory system for both males (36.2%) and females (39.7%). See tables 3.9 and 3.10.

Neoplasms

There were 8,781 deaths due to neoplasms in 2012, 1.91 per 1,000 of population. Of these, 8,571 were due to malignant neoplasm, 4,569 males and 4,002 females. See tables 3.12, 3.13 and 3.14.

Malignant neoplasm of the digestive organs was the most common of these cancers (30.2%). In general, across 10 year age-groups, this was the case for males. For females, breast cancer was the most common type for those aged between 35 and 54 and cancer of the digestive organs in ages greater than 54 were most prevalent. Cancer was the most common cause of death in females aged from 5 to 14 and aged from 35 to 74 and in males aged from 5 to 14 and aged from 55 to 74. See tables 3.9, 3.10, 3.13, 3.14 and 3.15.

Cork City had the highest age standardised death rate from cancer, 2.45 per 1,000 of population, while Leitrim had the lowest at 1.19 per 1,000 of population. See table 3.12.

Table III Crude death rates from cancer (C00-C97) per 1,000 population in Ireland and neighbouring countries in each year 1988 to 2012

Year	Ireland*	Northern Ireland Ireland	England and Wales	Scotland
1988	2.03	2.12	2.85	2.89
1989	2.09	2.21	2.84	2.93
1990	2.03	2.20	2.80	2.93
1991	2.06	2.18	2.81	2.98
1992	2.12	2.20	2.80	3.00
1993	2.12	2.22	2.70	3.00
1994	2.07	2.19	2.70	3.00
1995	2.09	2.12	2.70	3.00
1996	2.04	2.18	2.64	2.96
1997	2.04	2.14	2.60	2.91
1998	2.02	2.10	2.60	2.90
1999	2.01	2.10	2.50	2.90
2000	2.02	2.10	2.40	2.90
2001	1.98	2.19	2.70	3.00
2002	1.92	2.15	2.70	3.00
2003	1.91	2.21	2.64	3.00
2004	1.94	2.20	2.54	3.13
2005	1.87	2.22	2.52	2.97
2006	1.90	2.21	2.25	2.95
2007	1.81	2.20	2.53	2.97
2008	1.83	2.24	2.53	2.95
2009	1.84	2.17	2.50	2.92
2010	1.79	2.23	2.22	2.93
2011	1.94	2.24	2.50	2.92
2012	1.91	2.27	2.51	2.99

* Exclusive of Northern Ireland.

Diseases of the circulatory system

There were 9,480 deaths attributed to diseases of the circulatory system in 2012, of which 4,779 were deaths of males and 4,701 were deaths of females.

Overall, diseases of the circulatory system were the most common causes of death in 2012, 2.07 deaths per 1,000 of population. Almost 73% of circulatory deaths occurred where the person was aged 75 and over. For deaths due to circulatory disease in those aged under 75 there were 2.5 male deaths for every 1 female death. See tables 3.9, 3.12 and 3.17.

For deaths caused by diseases of the circulatory system, just over 50% were due to Ischaemic heart diseases (57.6% male, 42.7% female) and 20.4% were due to cerebrovascular diseases (16.2% male and 24.7% female). Acute myocardial infarction accounted for 2,260 of the 4,758 Ischaemic heart disease deaths. See tables 3.16 and 3.18.

Limerick City recorded the highest age-standardised death rate for diseases of the circulatory system, 2.80 per 1,000 of population, while Galway City recorded the lowest at 1.46 per 1,000 of population. See table 3.12.

Respiratory Diseases

(See causes of death note on page 55 Technical Notes in relation to the change in coding rules applied in cases of pneumonia).

Deaths from diseases of the respiratory system in 2012 numbered 3,497, of which 1,683 were males and 1,814 were females. These were largely made up of 1,587 deaths from chronic lower respiratory diseases and 1,086 deaths due to pneumonia. See tables 3.19, 3.20, 3.21 and 3.28.

Diseases of the respiratory system accounted for 12.0% of all deaths (0.76 per 1,000 of population), affecting, in particular the older age-groups, with 79.3% of these occurring in persons aged 75 and over). See tables 3.8, 3.12 and 3.20.

Longford recorded the highest age-standardised death rate for diseases of the respiratory system, 1.27 per 1,000 of population, while Galway City recorded the lowest at 0.44 per 1,000 of population. See table 3.12.

Accidents, poisoning and violence

The number of deaths from external causes of injury and poisoning occurring in 2012 was 1,577, of which 1,142 were males and 435 females. As has been mentioned, deaths not registered within the year of occurrence or the subsequent calendar year, have been excluded from the main body of this report. The exclusion of these cases may have a relatively more significant effect on the number of deaths classified to some external causes. See table 3.8.

Accidents accounted for 58.1% of all external causes of injury and poisoning, while intentional self harm accounted for a further 34.3%. Events of undetermined intent and assaults represented 3.4% and 2.4% respectively, while complications of medical and surgical care and sequelae of external causes of morbidity and mortality accounted for the remaining 1.8%. See table 3.22.

Over 2.6 times as many males died due to external causes compared with females in 2012. Differences in more specific causes of death and also within different age-groups were also significant. Just over twice as many males died due to accidents compared with females in 2012. The number of male deaths due to accidents was 3.4 times higher than females in ages under 65. The majority of accidental deaths in males under 25 years of age were due to transport accidents (41.4%), while the greatest cause of accidental deaths in the male 25 to 54 year age categories was due to poisoning by and exposure to noxious substances (51.6%). The majority of female accidents occurred in the older age-groups, particularly in females aged 75 and over which accounted for 48% of female accidents, 51% of these were from falls. See table 3.23.

Table IV Average annual number of deaths by suicide* for the period 1941-2010 and the number of deaths by suicide in the years 1982-2012 classified by sex

Year	Total	Male	Female		Year	Total	Male	Female
Average-								
1941-1950	77	62	16		1994	395	305	90
1951-1960	71	56	15		1995	404	321	83
1961-1970	64	50	14		1996	409	345	64
1971-1980	145	102	43		1997	478	386	92
1981-1990	266	198	68		1998	514	433	81
1991-2000	418	339	79		1999	455	358	97
2001-2010	494	397	97		2000	486	395	91
1982	241	178	63		2001	519	429	90
1983	282	202	80		2002	478	387	91
1984	232	164	68		2003	497	386	111
1985	276	216	60		2004	493	406	87
1986	283	217	66		2005	481	382	99
1987	245	185	60		2006	460	379	81
1988	266	195	71		2007	458	362	96
1989	278	213	65		2008	506	386	120
1990	334	251	83		2009	552	443	109
1991	346	283	63		2010	495	405	90
1992	363	304	59		2011	554	458	96
1993	327	260	67		2012	541	445	96

* Suicide was decriminalised in Ireland on 1st July 1993.

There were 541 deaths due to intentional self-harm in 2012, 445 males and 96 females. Within 10 year age-groups, the highest numbers were recorded in the 35-44 age-group for males at 21.8% and for females at 21.9% in both the age groups 35-44 and 45-54.

Events of undetermined intent accounted for an additional 54 deaths in 2012. *See tables 3.22, 3.23 and 3.24.*

Cork City recorded the highest age-standardised death rate for external causes of injury and poisoning, 0.75 per 1,000 of population, while South Dublin recorded the lowest at 0.16 per 1,000 of population. *See table 3.12.*

Inquests and post-mortems

The number of deaths registered on certificates issued by coroners as a result of inquest and post-mortem examinations during 2012 was 4,969 compared with 5,120 in 2011 and 5,562 in 2010.

For more detailed information and breakdowns in relation to the causes of death and area of residence of deceases, please go to:

<http://www.cso.ie/px/pxeirestat/statire/SelectTable/Omrade0.asp?Planguage=0> and follow the 'People and Society' theme.

Technical Notes

International classification of Diseases, Injuries and Causes of Death (ICD-10)

The Tenth Revision of the International classification of Diseases, Injuries and Causes of Death (ICD-10), as recommended by the World Health Organisation, has been used to classify deaths in Ireland for the 2012 data. It replaces the Ninth Revision, which was used from 1979 to 2006.

Automated coding software produced by the National Centre for Health Statistics (NCHS) in the US is used in coding the underlying causes of death for Irish data, supplemented by manual coding in certain cases.

The main changes to the classification of diseases between ICD-9 and ICD-10 are as follows:

- ICD-10 has over 3,000 more codes than ICD-9
- Inclusion of additional underlying causes (eg AIDS/HIV, chromosomal abnormalities)
- Expansion of certain underlying causes existent in ICD-9, for certain diseases, providing for the recording of greater levels of detail (e.g. acute myocardial infarction, perinatal conditions, viral hepatitis)
- Movement of underlying causes of death between ICD chapters (e.g. hemorrhage moved from the circulatory chapter to the symptoms and signs chapter in ICD-10, certain disorders of the immune mechanism moved from the endocrine chapter to the blood chapter in ICD-10 and certain disorders of blood moved from the blood chapter to the neoplasm chapter in ICD-10)
- Contraction of certain underlying causes of death (e.g. autoimmune disease and connective tissue disease are given the same code in ICD-10)
- Changes in the inclusion and exclusion guidelines for certain underlying causes of death
- Re-ordering of certain chapters and underlying causes
- Alphanumeric codes used instead of numeric codes

Additionally, there have been changes to the selection rules applied to determine the underlying cause of death. The most significant change relates to Rule 3 which allows a condition from Part I or Part II of the death certificate to be selected as the primary condition if it is an obvious direct consequence of another reported condition. There are a number of guidelines presented for this rule, most significantly the guideline in relation to pneumonia. The effect of this rule change reduces the number of deaths assigned to pneumonia and alternatively assigns the underlying cause of death to the chronic debilitating disease.

Certain official updates to ICD-10 are also incorporated in the coding of the cause of death. 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/OfficialWHOUpdatesCombined1996-2008VOLUME2.pdf>

For further information on the difference listed above and additional changes and differences between ICD-9 and ICD-10, please go to <http://www.who.int/classifications/help/icdfaq/en/index.html>

These changes have the effect of data being coded to different underlying causes of death at the most detailed level of ICD-10 and at the higher chapter level of ICD-10. For this reason, data cannot be easily compared across ICD-9 and ICD-10.

Tables

Table 3.1 Average annual number of deaths for the period 1864-2010 and the number of deaths in the years 2001-2012 classified by sex and age-group

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
Males													
Average-													
1864-1870	33,878*	9,343	1,313	717	904	1,330	2,212	1,928	2,698	4,046	4,623	3,417	1,298
1871-1880	36,224 ¹	9,276	1,261	732	1,014	1,250	2,149	2,113	2,532	4,249	5,459	4,556	1,604
1881-1890	32,233	7,140	982	653	962	1,270	1,966	1,901	2,495	3,660	4,888	4,636	1,680
1891-1900	29,468	6,240	710	518	859	1,194	2,003	1,731	2,295	3,486	4,275	4,248	1,909
1901-1910	27,031	5,444	566	398	680	964	1,954	1,740	2,050	3,258	4,541	3,827	1,609
1911-1920	26,131	4,703	514	375	656	858	1,689	1,825	2,138	2,723	4,732	4,407	1,511
1921-1930	21,850	3,478	379	269	474	627	1,085	1,253	1,931	2,896	4,391	3,662	1,405
1931-1940	21,469	2,986	308	221	370	490	908	1,063	1,810	3,320	5,412	3,602	979
1941-1950	21,726	2,971	207	143	291	385	748	910	1,527	2,833	5,602	4,940	1,169
1951-1960	18,999	1,534	93	67	102	121	312	580	1,302	2,582	4,812	5,745	1,749
1961-1970	18,190	1,005	73	56	94	101	193	430	1,224	2,784	4,825	5,204	2,202
1971-1980	18,390	742	74	61	127	154	242	397	1,152	2,902	5,224	5,196	2,119
1981-1990	17,571	395	51	49	135	160	260	387	908	2,488	5,226	5,457	2,055
1991-2000	16,645	219	28	38	129	188	314	418	886	1,974	4,388	5,657	2,406
2001-2010	16,553	229	14	33	146	221	329	452	908	1,940	4,119	5,625	2,537
2001	15,691	223	20	23	129	185	365	468	925	1,873	3,680	5,081	2,719
2002	15,390	199	17	29	117	186	384	449	994	1,835	3,488	5,056	2,636
2003	14,882	219	19	28	87	183	313	432	890	1,832	3,302	4,966	2,611
2004	14,801	181	25	16	106	168	329	461	899	1,819	3,305	4,869	2,623
2005	14,412	136	16	18	118	198	356	424	873	1,743	3,164	4,671	2,695
2006	14,605	175	23	19	90	192	343	429	923	1,723	3,122	4,717	2,849
2007	14,391	156	8	32	109	163	352	449	871	1,846	3,001	4,583	2,821
2008	14,457	192	19	27	93	146	346	484	844	1,850	3,111	4,512	2,833
2009	14,727	177	10	17	89	140	381	526	922	1,827	3,019	4,595	3,024
2010	14,334	183	18	15	71	148	323	489	872	1,752	2,952	4,449	3,062
2011	14,492	168	16	12	72	134	338	483	872	1,799	2,974	4,441	3,183
2012	14,945	139	16	19	57	121	308	464	911	1,767	3,034	4,607	3,502
Females													
Average-													
1864-1870	33,445*	8,217	1,309	766	897	1,105	2,145	2,004	2,591	4,173	4,932	3,807	1,468
1871-1880	35,387 ¹	8,197	1,303	841	1,071	1,078	2,114	2,042	2,392	4,391	5,450	4,747	1,746
1881-1890	31,987	6,236	1,041	808	1,104	1,090	1,995	2,014	2,354	3,859	5,155	4,632	1,699
1891-1900	29,526	5,383	754	683	1,033	1,042	1,898	1,784	2,308	3,651	4,602	4,501	1,887
1901-1910	26,546	4,668	621	536	816	861	1,782	1,669	2,012	3,423	4,673	3,846	1,639
1911-1920	25,322	3,996	565	466	703	737	1,570	1,682	1,858	2,620	5,039	4,567	1,519
1921-1930	21,353	2,858	377	309	523	565	1,134	1,284	1,749	2,620	4,420	3,992	1,522
1931-1940	20,372	2,414	300	238	388	479	986	1,082	1,600	2,827	4,937	3,875	1,246
1941-1950	19,724	2,314	182	152	307	405	826	889	1,302	2,365	4,717	4,815	1,450
1951-1960	16,375	1,139	77	55	72	93	278	519	987	1,859	3,892	5,334	2,070
1961-1970	15,324	779	52	39	47	48	133	331	854	1,688	3,539	5,040	2,774
1971-1980	15,337	557	43	33	51	55	119	245	728	1,691	3,529	5,233	3,052
1981-1990	14,804	299	30	29	50	50	113	225	537	1,444	3,332	5,190	3,506
1991-2000	15,001	166	16	23	48	49	117	257	557	1,104	2,860	5,402	4,402
2001-2010	15,010	145	18	26	54	47	115	272	567	1,078	2,657	5,397	4,634
2001	14,521	186	16	20	40	64	111	301	643	988	2,271	5,158	4,723
2002	14,293	165	11	21	47	54	137	258	553	996	2,253	4,891	4,907
2003	14,192	156	10	14	34	54	107	250	565	1,146	2,104	4,926	4,826
2004	13,864	152	15	17	32	44	129	277	561	1,093	2,078	4,595	4,871
2005	13,848	152	10	20	40	66	127	246	594	1,078	2,046	4,567	4,902
2006	13,883	118	9	16	58	43	123	253	599	1,114	1,856	4,492	5,202
2007	13,726	128	9	18	40	39	144	248	543	1,098	1,973	4,408	5,078
2008	13,817	144	9	13	38	40	133	283	639	1,103	1,847	4,229	5,339
2009	13,653	129	13	14	25	38	158	257	605	1,151	1,871	4,131	5,261
2010	13,627	133	12	7	30	26	114	267	573	1,083	1,943	3,903	5,536
2011	13,964	125	9	10	35	39	141	275	559	1,148	1,920	3,938	5,765
2012	14,241	140	11	13	24	34	128	270	564	1,143	1,927	3,973	6,014

Table 3.1 (continued) Average annual number of deaths for the period 1864-2010 and the number of deaths in the years 2001-2012 classified by sex and age-group

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
Persons													
Average-													
1864-1870	67,323	17,560	2,622	1,483	1,801	2,435	4,357	3,932	5,289	8,219	9,555	7,224	2,766
1871-1880	71,611	17,473	2,564	1,573	2,085	2,328	4,263	4,155	4,924	8,640	10,909	9,303	3,350
1881-1890	64,220	13,376	2,023	1,460	2,066	2,360	3,961	3,915	4,849	7,519	10,043	9,268	3,379
1891-1900	58,994	11,623	1,464	1,201	1,892	2,236	3,901	3,515	4,603	7,137	8,877	8,749	3,796
1901-1910	53,577	10,112	1,187	934	1,496	1,825	3,736	3,409	4,062	6,681	9,214	7,673	3,248
1911-1920	51,453	8,699	1,079	841	1,359	1,595	3,259	3,507	3,996	5,343	9,771	8,974	3,030
1921-1930	43,203	6,336	756	578	997	1,192	2,219	2,537	3,680	5,516	8,811	7,654	2,927
1931-1940	41,841	5,400	608	459	758	969	1,894	2,145	3,410	6,147	10,349	7,477	2,225
1941-1950	41,450	5,285	389	295	598	790	1,574	1,799	2,829	5,198	10,319	9,755	2,619
1951-1960	35,375	2,673	171	122	174	214	590	1,099	2,289	4,442	8,704	11,079	3,819
1961-1970	33,514	1,785	125	95	141	148	326	761	2,078	4,472	8,363	10,244	4,976
1971-1980	33,727	1,299	117	94	179	209	361	642	1,880	4,593	8,753	10,429	5,171
1981-1990	32,375	694	81	79	185	210	374	611	1,445	3,932	8,558	10,647	5,561
1991-2000	31,646	386	43	61	177	237	431	675	1,443	3,078	7,248	11,059	6,808
2001-2010	31,563	374	32	59	200	268	444	724	1,475	3,018	6,776	11,022	7,171
2001	30,212	409	36	43	169	249	476	769	1,568	2,861	5,951	10,239	7,442
2002	29,683	364	28	50	164	240	521	707	1,547	2,831	5,741	9,947	7,543
2003	29,074	375	29	42	121	237	420	682	1,455	2,978	5,406	9,892	7,437
2004	28,665	333	40	33	138	212	458	738	1,460	2,912	5,383	9,464	7,494
2005	28,260	288	26	38	158	264	483	670	1,467	2,821	5,210	9,238	7,597
2006	28,488	293	32	35	148	235	466	682	1,522	2,837	4,978	9,209	8,051
2007	28,117	284	17	50	149	202	496	697	1,414	2,944	4,974	8,991	7,899
2008	28,274	336	28	40	131	186	479	767	1,483	2,953	4,958	8,741	8,172
2009	28,380	306	23	31	114	178	539	783	1,527	2,978	4,890	8,726	8,285
2010	27,961	316	30	22	101	174	437	756	1,445	2,835	4,895	8,352	8,598
2011	28,456	293	25	22	107	173	479	758	1,431	2,947	4,894	8,379	8,948
2012	29,186	279	27	32	81	155	436	734	1,475	2,910	4,961	8,580	9,516

* For the period 1864-1870 the ages at death were unspecified for an average annual number of 80 persons of whom 49 were males and 31 were females. These numbers are included in the totals.

¹ For the period 1871-1880 the ages at death were unspecified for an average annual number of 44 persons of whom 29 were males and 15 were females. These numbers are included in the totals.

Table 3.2 Average annual death rates for the period 1864-2010 and death rates for the years 2001-2012 per 1,000 corresponding population classified by sex and age-group

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
Males													
Average													
1864-1870	16.49	36.85	5.53	3.00	4.22	7.07	8.24	9.55	14.86	25.55	60.25	125.94	239.09
1871-1880	18.55	39.78	5.26	3.05	5.08	7.32	8.88	10.76	15.38	29.21	66.54	144.84	298.18
1881-1890	17.71	36.33	4.55	2.91	4.62	7.31	9.05	10.44	15.56	28.84	65.40	136.47	279.81
1891-1900	17.65	37.57	3.97	2.70	4.47	7.16	9.00	10.32	15.12	28.03	60.82	137.46	298.23
1901-1910	16.90	34.68	3.51	2.44	4.12	6.32	8.44	9.48	14.40	28.73	50.27	111.41	283.22
1911-1920	16.73	30.81	3.35	2.45	4.31	6.32	7.72	9.60	13.99	25.45	46.20	116.64	254.29
1921-1930	14.39	23.58	2.58	1.77	3.21	4.92	5.33	7.08	11.44	24.50	48.08	107.81	217.55
1931-1940	14.21	21.19	2.19	1.50	2.61	3.81	4.48	6.02	10.94	25.34	57.22	105.78	174.77
1941-1950	14.45	20.74	1.53	1.05	2.18	3.13	3.56	5.02	9.75	21.33	52.20	126.93	216.07
1951-1960	12.93	9.91	0.63	0.48	0.83	1.29	1.80	3.15	7.83	19.55	47.93	122.26	256.83
1961-1970	12.56	6.32	0.48	0.38	0.73	1.08	1.27	2.70	7.33	20.19	49.74	115.85	275.25
1971-1980	11.45	4.36	0.43	0.37	0.84	1.24	1.20	2.42	7.36	19.98	49.48	118.47	261.93
1981-1990	10.01	2.38	0.29	0.28	0.80	1.13	1.06	1.84	5.70	17.97	46.63	111.41	251.22
1991-2000	9.21	1.64	0.19	0.23	0.75	1.26	1.21	1.69	4.31	13.40	39.48	100.64	234.27
2001-2010	7.17	1.22	0.12	0.15	0.68	1.02	1.02	1.51	3.52	9.18	26.09	75.19	193.68
2001	8.20	1.59	0.15	0.15	0.79	1.15	1.24	1.71	3.89	11.02	31.97	86.41	222.87
2002	7.91	1.40	0.13	0.20	0.73	1.13	1.24	1.60	4.11	10.34	29.81	84.69	210.88
2003	7.53	1.51	0.14	0.19	0.56	1.10	0.99	1.51	3.63	9.87	29.32	81.41	200.85
2004	7.36	1.21	0.18	0.11	0.69	1.00	1.01	1.56	3.60	9.47	27.09	78.53	201.77
2005	6.99	0.89	0.11	0.13	0.79	1.16	1.04	1.39	3.41	8.76	25.31	74.14	192.50
2006	6.89	1.13	0.16	0.13	0.61	1.11	0.93	1.36	3.51	8.36	24.58	72.57	189.93
2007	6.57	0.98	0.05	0.23	0.74	0.87	0.91	1.38	3.24	8.75	23.26	69.44	188.07
2008	6.46	1.16	0.12	0.19	0.62	0.78	0.88	1.44	3.08	8.49	23.57	66.35	177.06
2009	6.53	1.04	0.06	0.11	0.59	0.80	0.98	1.55	3.29	8.16	21.88	65.64	177.88
2010	6.34	1.03	0.11	0.10	0.48	0.93	0.86	1.43	3.08	7.68	20.64	61.79	170.11
2011	6.38	0.92	0.10	0.08	0.50	0.90	0.91	1.39	3.03	7.79	19.96	59.21	176.83
2012	6.58	0.75	0.10	0.12	0.40	0.87	0.87	1.33	3.13	7.55	19.57	59.83	184.32
Females													
Average-													
1864-1870	15.77	33.33	5.66	3.36	4.05	5.58	7.56	9.10	12.88	24.38	62.03	121.93	228.66
1871-1880	17.61	36.12	5.56	3.67	5.19	6.08	8.06	9.65	13.33	27.63	66.20	142.88	275.52
1881-1890	17.30	32.66	4.95	3.75	5.30	6.54	8.65	10.01	13.77	28.21	66.95	135.21	259.63
1891-1900	17.62	33.39	4.34	3.71	5.46	6.60	8.41	9.91	13.96	28.16	65.09	142.12	281.89
1901-1910	16.79	30.61	3.97	3.42	5.07	5.98	7.80	9.38	13.75	28.99	48.04	107.57	265.12
1911-1920	16.64	26.99	3.81	3.16	4.84	5.96	7.24	9.42	12.92	24.90	43.53	109.46	220.24
1921-1930	14.52	20.08	2.67	2.13	3.71	4.84	5.61	7.45	11.24	24.08	45.18	98.58	190.62
1931-1940	14.12	17.83	2.21	1.69	2.90	4.11	5.07	6.32	10.35	23.87	51.78	95.90	171.54
1941-1950	13.47	16.72	1.37	1.15	2.38	3.48	4.03	5.02	8.61	18.39	45.25	110.41	196.15
1951-1960	11.42	7.66	0.55	0.41	0.63	1.06	1.58	2.86	6.27	14.16	38.06	104.52	229.70
1961-1970	10.69	5.12	0.36	0.28	0.38	0.53	0.88	2.05	5.28	12.48	33.36	93.30	233.08
1971-1980	9.65	3.44	0.26	0.21	0.36	0.46	0.61	1.54	4.70	11.62	30.12	88.39	223.77
1981-1990	8.42	1.90	0.18	0.17	0.31	0.36	0.46	1.10	3.50	9.99	26.05	73.96	201.82
1991-2000	8.20	1.32	0.11	0.14	0.29	0.34	0.44	1.03	2.78	7.51	22.15	65.18	184.90
2001-2010	6.71	1.00	0.09	0.12	0.27	0.28	0.37	0.88	2.32	5.58	15.44	50.31	157.05
2001	7.51	1.40	0.12	0.14	0.26	0.41	0.38	1.08	2.75	5.89	17.80	58.61	167.48
2002	7.25	1.22	0.09	0.15	0.31	0.33	0.44	0.91	2.31	5.72	17.52	54.96	168.05
2003	7.09	1.12	0.08	0.10	0.23	0.32	0.34	0.87	2.33	6.33	16.18	54.13	166.41
2004	6.82	1.07	0.11	0.13	0.22	0.26	0.40	0.94	2.26	5.81	15.86	50.49	162.37
2005	6.68	1.05	0.07	0.15	0.28	0.39	0.38	0.81	2.35	5.53	15.38	49.64	153.19
2006	6.55	0.80	0.06	0.12	0.41	0.25	0.35	0.82	2.31	5.51	13.75	48.30	157.64
2007	6.28	0.85	0.06	0.13	0.28	0.21	0.39	0.78	2.04	5.30	14.61	47.91	149.35
2008	6.15	0.91	0.06	0.09	0.26	0.21	0.34	0.87	2.35	5.15	13.29	45.47	148.31
2009	6.00	0.79	0.09	0.10	0.17	0.21	0.41	0.77	2.18	5.23	13.08	43.95	142.19
2010	5.94	0.79	0.08	0.05	0.21	0.16	0.29	0.79	2.01	4.79	13.13	41.08	145.68
2011	6.06	0.72	0.06	0.07	0.26	0.26	0.37	0.80	1.93	4.99	12.47	40.60	144.13
2012	6.15	0.78	0.07	0.09	0.18	0.24	0.34	0.77	1.91	4.88	12.12	40.54	146.68

Table 3.2 (continued) Average annual death rates for the period 1864-2010 and death rates for the years 2001-2012 per 1,000 corresponding population classified by sex and age-group

Period	All ages	0-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
Persons													
Average-													
1864-1870	16.23	35.11	5.59	3.17	4.13	6.30	7.89	9.31	13.82	24.94	61.15	123.76	233.44
1871-1880	18.06	37.97	5.41	3.35	5.13	6.69	8.45	10.18	14.31	28.38	66.37	143.83	284.60
1881-1890	17.56	35.52	4.75	3.32	4.96	6.93	8.85	10.21	14.64	28.52	66.19	135.84	269.29
1891-1900	17.70	35.51	4.15	3.20	4.96	6.89	8.71	10.11	14.51	28.10	62.96	139.82	289.88
1901-1910	16.91	32.68	3.74	2.92	4.59	6.15	8.12	9.43	14.07	28.86	49.11	109.45	273.79
1911-1920	16.64	28.93	3.58	2.80	4.56	6.15	7.48	9.52	13.47	25.18	44.78	112.87	236.00
1921-1930	14.45	21.86	2.63	1.95	3.46	4.88	5.47	7.26	11.34	24.30	46.58	102.78	202.72
1931-1940	14.17	19.55	2.20	1.59	2.75	3.95	4.77	6.17	10.70	24.64	54.46	100.41	172.56
1941-1950	13.97	18.76	1.45	1.10	2.28	3.30	3.79	5.02	9.18	19.90	48.78	118.20	204.26
1951-1960	12.18	8.81	0.59	0.44	0.74	1.18	1.69	3.01	7.07	16.86	42.95	113.00	241.37
1961-1970	11.63	5.74	0.42	0.33	0.56	0.81	1.08	2.38	6.32	16.38	41.18	103.54	250.05
1971-1980	10.55	3.91	0.35	0.30	0.60	0.86	0.91	1.99	6.03	15.80	39.30	101.17	237.97
1981-1990	9.22	2.15	0.23	0.23	0.56	0.75	0.76	1.48	4.62	13.89	35.66	89.35	217.65
1991-2000	8.70	1.48	0.15	0.19	0.53	0.81	0.82	1.36	3.56	10.46	30.18	79.53	199.77
2001-2010	6.94	1.11	0.10	0.14	0.48	0.65	0.70	1.20	2.92	7.40	20.57	60.66	168.33
2001	7.85	1.50	0.14	0.15	0.53	0.78	0.81	1.39	3.32	8.48	24.53	69.75	184.21
2002	7.58	1.31	0.11	0.18	0.52	0.73	0.84	1.26	3.22	8.05	23.38	66.89	180.89
2003	7.31	1.32	0.11	0.15	0.40	0.71	0.66	1.18	2.98	8.11	21.71	65.51	177.07
2004	7.09	1.14	0.15	0.12	0.46	0.63	0.70	1.25	2.94	7.66	21.28	61.86	174.28
2005	6.84	0.97	0.09	0.14	0.54	0.78	0.71	1.11	2.88	7.16	20.19	59.60	165.15
2006	6.72	0.97	0.11	0.13	0.51	0.69	0.64	1.09	2.92	6.97	18.93	58.66	167.73
2007	6.43	0.92	0.06	0.18	0.51	0.54	0.65	1.08	2.65	7.03	18.84	56.91	161.20
2008	6.30	1.04	0.09	0.14	0.44	0.50	0.62	1.16	2.72	6.84	18.23	54.63	157.15
2009	6.26	0.91	0.07	0.11	0.39	0.50	0.70	1.16	2.74	6.72	17.40	53.21	153.43
2010	6.14	0.91	0.10	0.07	0.35	0.53	0.57	1.11	2.54	6.24	16.82	50.01	153.54
2011	6.22	0.82	0.08	0.07	0.38	0.58	0.63	1.10	2.48	6.41	16.21	49.00	154.28
2012	6.37	0.76	0.08	0.10	0.29	0.56	0.59	1.05	2.52	6.22	15.80	49.03	156.00

Table 3.3 Crude and standardised death rates by area of residence of deceased in 2012

Area of residence of deceased	Deaths	Rates per 1,000 population	
		Crude	Standardised
STATE	29,186	6.36	6.36
LEINSTER	14,687	5.86	6.37
Carlow	346	6.31	6.47
Dublin City	4,081	7.92	7.16
South Dublin	973	3.64	5.05
Fingal	1,079	3.91	6.45
Dún Laoghaire-Rathdown	1,460	7.09	5.66
Kildare	924	4.37	6.27
Kilkenny	603	6.28	5.96
Laois	461	5.67	6.61
Longford	297	7.51	7.02
Louth	753	6.08	6.52
Meath	864	4.64	6.09
Offaly	444	5.75	5.80
Westmeath	602	6.96	6.93
Wexford	990	6.77	6.73
Wicklow	810	5.90	6.43
MUNSTER	8,637	6.93	6.52
Clare	730	6.23	5.92
Cork City	1,142	9.75	8.07
Cork County	2,269	5.63	5.89
Kerry	1,136	7.90	6.65
Limerick City	534	9.48	8.85
Limerick County	863	6.44	6.45
North Tipperary	562	7.89	6.94
South Tipperary	614	6.88	6.04
Waterford City	290	6.24	6.04
Waterford County	497	7.35	6.71
CONNACHT	3,781	7.01	6.03
Galway City	248	3.45	4.39
Galway County	1,258	7.18	6.45
Leitrim	244	7.59	5.82
Mayo	1,100	8.43	6.51
Roscommon	477	7.40	5.68
Sligo	454	6.99	5.71
ULSTER (PART OF)	2,081	7.04	6.32
Cavan	516	7.02	6.37
Donegal	1,140	7.08	6.28
Monaghan	425	6.95	6.36
REGIONAL AUTHORITIES:			
Border	3,532	6.84	6.24
Midland	1,804	6.34	6.54
West	3,083	6.98	6.10
Dublin	7,593	6.01	6.35
Mid-East	2,598	4.86	6.26
Mid-West	2,689	7.10	6.75
South-East	3,340	6.67	6.36
South-West	4,547	6.85	6.48

Table 3.4 Deaths in 2012 classified by marital status and sex in certain age-groups

Age-group	Total	Single	Married	Widowed	Separated	Divorced
Persons						
All ages	29,186	6,980	10,990	10,007	649	560
0-14	338	338	-	-	-	-
15-19	81	81	-	-	-	-
20-24	155	152	3	-	-	-
25-29	181	161	19	-	1	-
30-34	255	195	58	-	2	-
35-39	317	203	101	1	7	5
40-44	417	204	178	3	15	17
45-49	593	228	292	11	28	34
50-54	882	278	443	23	79	59
55-59	1,170	303	640	61	82	84
60-64	1,740	393	1,010	136	116	85
65-69	2,251	458	1,321	285	101	86
70-74	2,710	500	1,519	542	76	73
75-79	3,737	715	1,805	1,097	66	54
80-84	4,843	951	1,788	2,033	41	30
85 & over	9,516	1,820	1,813	5,815	35	33
Males						
All ages	14,945	4,275	7,217	2,682	426	345
0-14	174	174	-	-	-	-
15-19	57	57	-	-	-	-
20-24	121	119	2	-	-	-
25-29	132	119	13	-	-	-
30-34	176	142	32	-	2	-
35-39	209	142	59	-	5	3
40-44	255	145	89	-	10	11
45-49	369	161	165	4	18	21
50-54	542	197	241	8	55	41
55-59	680	195	359	27	48	51
60-64	1,087	296	607	59	78	47
65-69	1,386	328	822	102	71	63
70-74	1,648	370	974	210	50	44
75-79	2,134	497	1,230	331	45	31
80-84	2,473	579	1,245	602	26	21
85 & over	3,502	754	1,379	1,339	18	12
Females						
All ages	14,241	2,705	3,773	7,325	223	215
0-14	164	164	-	-	-	-
15-19	24	24	-	-	-	-
20-24	34	33	1	-	-	-
25-29	49	42	6	-	1	-
30-34	79	53	26	-	-	-
35-39	108	61	42	1	2	2
40-44	162	59	89	3	5	6
45-49	224	67	127	7	10	13
50-54	340	81	202	15	24	18
55-59	490	108	281	34	34	33
60-64	653	97	403	77	38	38
65-69	865	130	499	183	30	23
70-74	1,062	130	545	332	26	29
75-79	1,603	218	575	766	21	23
80-84	2,370	372	543	1,431	15	9
85 & over	6,014	1,066	434	4,476	17	21

Table 3.5 Deaths by area of residence in 2012 classified by place of occurrence

Area of Residence	Total		General and Special Hospitals and Nursing Homes		Mental Hospitals		Local Authority Institutions		Domiciliary	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
STATE	14,945	14,241	4,156	5,078	46	31	6,207	5,878	4,536	3,254
LEINSTER	7,388	7,299	2,922	3,423	22	11	2,414	2,383	2,030	1,482
Carlow	195	151	29	25	-	1	84	80	82	45
Dublin City	2,021	2,060	1,017	1,179	3	1	516	534	485	346
South Dublin	504	469	317	296	1	-	90	102	96	71
Fingal	549	530	303	312	2	-	117	117	127	101
Dun Laoghaire-Rathdown	677	783	369	483	5	3	188	191	115	106
Kildare	471	453	126	142	-	-	217	229	128	82
Kilkenny	298	305	30	59	2	1	145	151	121	94
Laois	257	204	37	52	-	-	124	94	96	58
Longford	171	126	48	42	1	-	72	50	50	34
Louth	371	382	159	201	1	3	97	99	114	79
Meath	452	412	162	171	3	-	139	117	148	124
Offaly	236	208	48	59	-	-	99	93	89	56
Westmeath	288	314	48	90	1	1	150	159	89	64
Wexford	507	483	103	133	2	1	228	224	174	125
Wicklow	391	419	126	179	1	-	148	143	116	97
MUNSTER	4,507	4,130	789	1,008	22	18	2,225	2,092	1,471	1,012
Clare	410	320	47	53	1	-	220	183	142	84
Cork City	590	552	145	213	7	3	270	234	168	102
Cork County	1,209	1,060	240	267	3	4	569	546	397	243
Kerry	625	511	98	91	-	-	325	277	202	143
Limerick City	245	289	27	64	-	-	151	162	67	63
Limerick County	436	427	82	104	5	10	204	197	145	116
North Tipperary	282	280	47	65	1	-	129	131	105	84
South Tipperary	328	286	46	71	3	-	157	143	122	72
Waterford City	129	161	21	31	2	-	65	92	41	38
Waterford County	253	244	36	49	-	1	135	127	82	67
CONNACHT	1,980	1,801	294	427	-	-	1,032	907	654	467
Galway City	130	118	23	29	-	-	73	70	34	19
Galway County	674	584	108	154	-	-	326	276	240	154
Leitrim	142	102	33	30	-	-	59	47	50	25
Mayo	565	535	60	103	-	-	312	278	193	154
Roscommon	246	231	45	62	-	-	126	109	75	60
Sligo	223	231	25	49	-	-	136	127	62	55
ULSTER (Part of)	1,070	1,011	151	220	2	2	536	496	381	293
Cavan	276	240	51	56	-	-	134	125	91	59
Donegal	590	550	51	107	1	1	330	289	208	153
Monaghan	204	221	49	57	1	1	72	82	82	81
REGIONAL AUTHORITIES:										
Border	1,806	1,726	368	500	3	5	828	769	607	452
Midland	952	852	181	243	2	1	445	396	324	212
West	1,615	1,468	236	348	-	-	837	733	542	387
Dublin	3,751	3,842	2,006	2,270	11	4	911	944	823	624
Mid-East	1,314	1,284	414	492	4	-	504	489	392	303
Mid-West	1,373	1,316	203	286	7	10	704	673	459	347
South-East	1,710	1,630	265	368	9	4	814	817	622	441
South-West	2,424	2,123	483	571	10	7	1,164	1,057	767	488

Table 3.6 Deaths in 2012 classified by area of residence and age-group

Area of residence	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
STATE	29,186	279	59	236	436	734	1,475	2,910	4,961	8,580	9,516
LEINSTER	14,687	149	27	101	254	428	801	1,584	2,553	4,252	4,538
Carlow	346	2	2	-	3	13	19	38	55	111	103
Dublin City	4,081	31	2	25	85	129	241	394	676	1,215	1,283
South Dublin	973	20	-	7	27	37	49	163	203	235	232
Fingal	1,079	17	6	10	31	49	64	137	211	284	270
Dun Laoghaire-Rathdown	1,460	4	2	2	9	24	71	117	223	461	547
Kildare	924	18	2	11	13	32	54	121	183	234	256
Kilkenny	603	6	-	4	11	9	32	53	103	167	218
Laois	461	3	2	5	5	10	21	54	73	142	146
Longford	297	1	-	-	4	7	11	34	52	90	98
Louth	753	4	2	3	12	22	50	67	115	233	245
Meath	864	15	5	7	18	23	44	126	129	259	238
Offaly	444	2	2	6	7	11	20	52	78	121	145
Westmeath	602	7	-	3	6	10	21	49	115	178	213
Wexford	990	13	1	11	12	30	63	91	181	281	307
Wicklow	810	6	1	7	11	22	41	88	156	241	237
MUNSTER	8,637	79	20	90	112	183	429	818	1,486	2,572	2,848
Clare	730	5	-	6	9	16	37	69	139	189	260
Cork City	1,142	10	2	12	29	29	63	113	211	355	318
Cork County	2,269	21	6	28	27	49	103	198	388	672	777
Kerry	1,136	9	2	10	9	25	54	124	176	365	362
Limerick City	534	4	2	5	11	17	33	47	100	156	159
Limerick County	863	11	3	9	8	20	41	93	156	231	291
North Tipperary	562	10	-	2	2	4	29	55	95	163	202
South Tipperary	614	1	2	5	6	10	31	52	101	193	213
Waterford City	290	4	1	5	6	9	14	25	42	86	98
Waterford County	497	4	2	8	5	4	24	42	78	162	168
CONNACHT	3,781	31	5	28	46	94	168	308	595	1,124	1,382
Galway City	248	4	-	-	3	8	19	29	48	62	75
Galway County	1,258	12	3	9	16	36	62	104	191	358	467
Leitrim	244	2	1	4	3	1	13	12	27	84	97
Mayo	1,100	5	1	8	13	33	43	82	178	338	399
Roscommon	477	2	-	3	4	8	16	41	74	154	175
Sligo	454	6	-	4	7	8	15	40	77	128	169
ULSTER (Part of)	2,081	20	7	17	24	29	77	200	327	632	748
Cavan	516	4	-	5	2	3	17	48	74	164	199
Donegal	1,140	12	2	8	16	14	38	106	186	355	403
Monaghan	425	4	5	4	6	12	22	46	67	113	146
REGIONAL AUTHORITIES:											
Border	3,532	32	10	28	46	60	155	319	546	1,077	1,259
Midland	1,804	13	4	14	22	38	73	189	318	531	602
West	3,083	23	4	20	36	85	140	256	491	912	1,116
Dublin	7,593	72	10	44	152	239	425	811	1,313	2,195	2,332
Mid-East	2,598	39	8	25	42	77	139	335	468	734	731
Mid-West	2,689	30	5	22	30	57	140	264	490	739	912
South-East	3,340	30	8	33	43	75	183	301	560	1,000	1,107
South-West	4,547	40	10	50	65	103	220	435	775	1,392	1,457

Table 3.7 Deaths in 2012 in Ireland and Northern Ireland classified by underlying cause of death and with rates per 100,000 population

ICD-10 Code	65 COD List	Underlying cause of death	Ireland	Rate	Northern Ireland	Rate
A00-Y89	0	All causes	29,186	636.5	14,756	809.2
A00-B99	1	I Infectious and parasitic diseases	223	4.9	166	9.1
C00-D48	6	II Neoplasms	8,781	191.5	4,260	233.6
D50-D89	25	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	95	2.1	37	2.0
E00-E90	26	IV Endocrine, nutritional and metabolic diseases	713	15.5	240	13.2
F00-F99	28	V Mental and behavioural disorders	973	21.2	1092	59.9
G00-G99	31	VI Diseases of the nervous system	1,356	29.6		*
H00-H59	31	VII Diseases of the eye and adnexa	-	-	806	44.2
H60-H95	31	VIII Diseases of the ear and mastoid process	-	-		*
I00-I99	33	IX Diseases of the circulatory system	9,480	206.7	4,001	219.4
J00-J99	37	X Diseases of the respiratory system	3,497	76.3	2,023	110.9
K00-K93	42	XI Diseases of the digestive system	1,158	25.3	670	36.7
L00-L99	45	XII Diseases of the skin and subcutaneous tissue	40	0.9	25	1.4
M00-M99	46	XIII Diseases of musculoskeletal system and connective tissue	234	5.1	91	5.0
N00-N99	48	XIV Diseases of genitourinary system	670	14.6	358	19.6
O00-O99	50	XV Complications of pregnancy, childbirth and puerperium	2	0.0	0	0.0
P00-P96	51	XVI Certain conditions originating in the perinatal period	111	2.4	41	2.2
Q00-Q99	52	XVII Congenital malformations and chromosomal abnormalities	186	4.1	78	4.3
R00-R99	55	XVIII Symptoms, signs, abnormal findings, ill-defined causes	90	2.0	12	0.7
V01-Y89	58	XX External causes of injury and poisoning	1,577	34.4	737	40.4

* Data for chapters VI, VII, VIII are amalgamated for Northern Ireland.

Table 3.8 Deaths in 2012 classified by underlying cause of death and sex

ICD-10 code	Underlying cause of death	Persons	Males	Females		Persons	Males	Females
						%	%	%
A00-Y89	All causes	29,186	14,945	14,241		100	100	100
A00-B99	I Infectious and parasitic diseases	223	116	107		0.8	0.8	0.8
C00-D48	II Neoplasms	8,781	4,677	4,104		30.1	31.3	28.8
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	95	35	60		0.3	0.2	0.4
E00-E90	IV Endocrine, nutritional and metabolic diseases	713	374	339		2.4	2.5	2.4
F00-F99	V Mental and behavioural disorders	973	354	619		3.3	2.4	4.3
G00-G99	VI Diseases of the nervous system	1,356	622	734		4.6	4.2	5.2
H00-H59	VII Diseases of the eye and adnexa	-	-	-		-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	-	-	-		-	-	-
I00-I99	IX Diseases of the circulatory system	9,480	4,779	4,701		32.5	32.0	33.0
J00-J99	X Diseases of the respiratory system	3,497	1,683	1,814		12.0	11.3	12.7
K00-K93	XI Diseases of the digestive system	1,158	581	577		4.0	3.9	4.1
L00-L99	XII Diseases of the skin and subcutaneous tissue	40	16	24		0.1	0.1	0.2
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	234	80	154		0.8	0.5	1.1
N00-N99	XIV Diseases of genitourinary system	670	293	377		2.3	2.0	2.6
O00-O99	XV Complications of pregnancy, childbirth and puerperium	2	-	2		0.0	-	0.0
P00-P96	XVI Certain conditions originating in the perinatal period	111	52	59		0.4	0.3	0.4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	186	101	85		0.6	0.7	0.6
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	90	40	50		0.3	0.3	0.4
V01-Y89	XX External causes of injury and poisoning	1,577	1,142	435		5.4	7.6	3.1

Table 3.9 Deaths in 2012 classified by underlying cause of death, sex and age-group

ICD-10 code	Underlying cause of death	Sex	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
A00-Y89	All causes	M	14,945	139	35	178	308	464	911	1,767	3,034	4,607	3,502
		F	14,241	140	24	58	128	270	564	1,143	1,927	3,973	6,014
A00-B99	I Infectious and parasitic diseases	M	116	4	2	1	-	13	15	7	19	33	22
		F	107	4	2	-	3	-	9	6	13	34	36
C00-D48	II Neoplasms	M	4,677	8	11	19	31	94	256	756	1,292	1,534	676
		F	4,104	2	11	9	33	126	307	665	967	1,154	830
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	35	-	1	-	2	-	2	4	6	11	9
		F	60	-	1	1	-	2	5	7	6	14	24
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	374	2	1	3	7	10	10	27	73	155	86
		F	339	1	1	2	5	9	8	17	34	112	150
F00-F99	V Mental and behavioural disorders	M	354	-	-	-	-	1	4	5	32	121	191
		F	619	-	1	-	1	3	1	5	29	136	443
G00-G99	VI Diseases of the nervous system	M	622	10	4	3	11	14	28	65	96	228	163
		F	734	4	2	4	5	13	30	40	87	212	337
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	4,779	2	1	12	26	77	257	511	961	1,558	1,374
		F	4,701	1	-	1	12	31	79	187	427	1,361	2,602
J00-J99	X Diseases of the respiratory system	M	1,683	-	1	-	5	5	30	92	290	614	646
		F	1,814	1	2	2	3	3	11	69	209	529	985
K00-K93	XI Diseases of the digestive system	M	581	-	-	2	8	48	85	113	99	129	97
		F	577	-	-	1	5	24	35	76	76	180	180
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	16	-	-	-	-	-	1	-	1	3	11
		F	24	-	-	-	-	-	1	1	4	6	12
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	80	-	1	2	1	1	1	6	9	32	27
		F	154	-	-	-	-	3	1	6	18	51	75
N00-N99	XIV Diseases of genitourinary system	M	293	-	1	1	1	2	5	7	36	103	137
		F	377	-	-	-	2	-	4	5	22	116	228
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	2	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	52	52	-	-	-	-	-	-	-	-	-
		F	59	59	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	101	49	3	4	3	6	10	11	11	3	1
		F	85	53	3	2	4	7	3	5	3	4	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	40	11	-	1	2	4	2	4	6	4	6
		F	50	12	-	1	2	2	3	6	2	4	18
V01-Y89	XX External causes of injury and poisoning	M	1,142	1	9	130	211	189	205	159	103	79	56
		F	435	3	1	35	51	47	67	48	30	60	93

Table 3.10 Percentage of deaths in 2012 classified by underlying cause of death, sex and age-group

ICD-10 code	Underlying cause of death	Sex	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
			%	%	%	%	%	%	%	%	%	%	%
A00-Y89	All causes	M	100	100	100	100	100	100	100	100	100	100	100
		F	100	100	100	100	100	100	100	100	100	100	100
A00-B99	I Infectious and parasitic diseases	M	0.8	2.9	5.7	0.6	-	2.8	1.6	0.4	0.6	0.7	0.6
		F	0.8	2.9	8.3	-	2.3	-	1.6	0.5	0.7	0.9	0.6
C00-D48	II Neoplasms	M	31.3	5.8	31.4	10.7	10.1	20.3	28.1	42.8	42.6	33.3	19.3
		F	28.8	1.4	45.8	15.5	25.8	46.7	54.4	58.2	50.2	29.0	13.8
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	0.2	-	2.9	-	0.6	-	0.2	0.2	0.2	0.2	0.3
		F	0.4	-	4.2	1.7	-	0.7	0.9	0.6	0.3	0.4	0.4
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2.5	1.4	2.9	1.7	2.3	2.2	1.1	1.5	2.4	3.4	2.5
		F	2.4	0.7	4.2	3.4	3.9	3.3	1.4	1.5	1.8	2.8	2.5
F00-F99	V Mental and behavioural disorders	M	2.4	-	-	-	-	0.2	0.4	0.3	1.1	2.6	5.5
		F	4.3	-	4.2	-	0.8	1.1	0.2	0.4	1.5	3.4	7.4
G00-G99	VI Diseases of the nervous system	M	4.2	7.2	11.4	1.7	3.6	3.0	3.1	3.7	3.2	4.9	4.7
		F	5.2	2.9	8.3	6.9	3.9	4.8	5.3	3.5	4.5	5.3	5.6
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	32.0	1.4	2.9	6.7	8.4	16.6	28.2	28.9	31.7	33.8	39.2
		F	33.0	0.7	-	1.7	9.4	11.5	14.0	16.4	22.2	34.3	43.3
J00-J99	X Diseases of the respiratory system	M	11.3	-	2.9	-	1.6	1.1	3.3	5.2	9.6	13.3	18.4
		F	12.7	0.7	8.3	3.4	2.3	1.1	2.0	6.0	10.8	13.3	16.4
K00-K93	XI Diseases of the digestive system	M	3.9	-	-	1.1	2.6	10.3	9.3	6.4	3.3	2.8	2.8
		F	4.1	-	-	1.7	3.9	8.9	6.2	6.6	3.9	4.5	3.0
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	0.1	-	-	-	-	-	0.1	-	0.0	0.1	0.3
		F	0.2	-	-	-	-	-	0.2	0.1	0.2	0.2	0.2
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	0.5	-	2.9	1.1	0.3	0.2	0.1	0.3	0.3	0.7	0.8
		F	1.1	-	-	-	-	1.1	0.2	0.5	0.9	1.3	1.2
N00-N99	XIV Diseases of genitourinary system	M	2.0	-	2.9	0.6	0.3	0.4	0.5	0.4	1.2	2.2	3.9
		F	2.6	-	-	-	1.6	-	0.7	0.4	1.1	2.9	3.8
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	0.0	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	0.3	37.4	-	-	-	-	-	-	-	-	-
		F	0.4	42.1	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	0.7	35.3	8.6	2.2	1.0	1.3	1.1	0.6	0.4	0.1	0.0
		F	0.6	37.9	12.5	3.4	3.1	2.6	0.5	0.4	0.2	0.1	0.0
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	0.3	7.9	-	0.6	0.6	0.9	0.2	0.2	0.2	0.1	0.2
		F	0.4	8.6	-	1.7	1.6	0.7	0.5	0.5	0.1	0.1	0.3
V01-Y89	XX External causes of injury and poisoning	M	7.6	0.7	25.7	73.0	68.5	40.7	22.5	9.0	3.4	1.7	1.6
		F	3.1	2.1	4.2	60.3	39.8	17.4	11.9	4.2	1.6	1.5	1.5

Table 3.11 Deaths in 2012 classified by underlying cause of death, area of residence and sex

ICD-10 code	Underlying cause of death	Sex										
			State	Leinster	Munster	Connacht	Ulster (Part of)	Carlow	Dublin City	South Dublin	Fingal	Dun Laoghaire-Rathdown
A00-Y89	All causes	M	14,945	7,388	4,507	1,980	1,070	195	2,021	504	549	677
		F	14,241	7,299	4,130	1,801	1,011	151	2,060	469	530	783
A00-B99	I Infectious and parasitic diseases	M	116	70	32	8	6	2	19	8	7	6
		F	107	56	30	11	10	-	20	3	6	2
C00-D48	II Neoplasms	M	4,677	2,404	1,360	592	321	62	634	179	184	235
		F	4,104	2,166	1,190	476	272	44	621	155	196	201
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	35	17	13	2	3	-	7	-	1	1
		F	60	35	17	6	2	-	5	2	6	5
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	374	181	111	57	25	4	31	9	9	9
		F	339	168	88	51	32	2	48	8	13	11
F00-F99	V Mental and behavioural disorders	M	354	194	104	39	17	-	61	15	18	29
		F	619	360	170	58	31	4	131	16	28	60
G00-G99	VI Diseases of the nervous system	M	622	304	191	80	47	9	76	26	25	35
		F	734	361	212	97	64	9	89	34	25	48
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	4,779	2,289	1,484	648	358	68	616	145	155	214
		F	4,701	2,258	1,460	630	353	48	595	136	141	260
J00-J99	X Diseases of the respiratory system	M	1,683	812	477	267	127	27	206	49	65	78
		F	1,814	961	491	237	125	27	289	52	50	101
K00-K93	XI Diseases of the digestive system	M	581	306	175	64	36	6	131	24	18	19
		F	577	327	141	64	45	4	100	19	21	35
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	16	7	5	1	3	-	1	-	1	-
		F	24	15	7	2	-	-	8	1	1	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	80	34	32	5	9	1	9	1	2	2
		F	154	89	37	23	5	2	22	6	6	12
N00-N99	XIV Diseases of genitourinary system	M	293	115	99	51	28	-	31	6	12	13
		F	377	183	103	59	32	4	50	13	12	18
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	2	2	-	-	-	-	1	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	52	35	10	6	1	1	10	5	5	1
		F	59	27	18	7	7	1	5	2	3	1
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	101	52	30	12	7	3	9	6	5	1
		F	85	37	33	10	5	-	5	7	2	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	40	18	13	3	6	-	6	1	1	1
		F	50	25	18	5	2	-	4	3	4	2
V01-Y89	XX External causes of injury and poisoning	M	1,142	550	371	145	76	12	174	30	41	33
		F	435	229	115	65	26	6	67	12	16	26

Table 3.11 (continued) Deaths in 2012 classified by underlying cause of death, area of residence and sex

ICD-10 code	Underlying cause of death	Sex	Kildare	Kilkenny	Laois	Longford	Louth	Meath	Offaly	Westmeath	Wexford
A00-Y89	All causes	M	471	298	257	171	371	452	236	288	507
		F	453	305	204	126	382	412	208	314	483
A00-B99	I Infectious and parasitic diseases	M	4	2	2	-	-	6	2	-	6
		F	10	1	1	1	7	1	-	1	1
C00-D48	II Neoplasms	M	174	97	83	53	125	138	77	92	151
		F	136	92	60	29	112	122	67	78	130
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	1	1	1	-	1	-	1	-	2
		F	1	-	1	-	3	6	-	1	3
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	14	8	15	1	15	13	6	12	21
		F	13	4	14	3	7	8	3	7	15
F00-F99	V Mental and behavioural disorders	M	11	10	5	3	4	3	5	2	16
		F	18	12	8	3	12	13	4	12	21
G00-G99	VI Diseases of the nervous system	M	16	7	9	4	16	20	11	13	23
		F	15	13	8	7	16	20	19	18	23
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	130	110	78	65	103	154	78	101	146
		F	132	103	68	35	113	136	68	119	165
J00-J99	X Diseases of the respiratory system	M	49	30	31	21	46	51	27	28	63
		F	61	40	26	33	56	44	27	42	53
K00-K93	XI Diseases of the digestive system	M	14	8	9	7	12	14	5	6	20
		F	18	16	4	3	24	21	5	12	28
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	2	1	-	-	1
		F	-	2	-	-	-	1	-	-	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	3	1	1	1	2	3	1	-	4
		F	6	4	2	1	4	4	4	3	7
N00-N99	XIV Diseases of genitourinary system	M	6	1	5	2	3	3	2	11	9
		F	15	7	4	7	10	10	2	12	14
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-
		F	-	1	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	7	1	-	-	-	1	1	2	1
		F	3	-	1	-	1	4	1	2	1
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	5	1	-	1	3	6	-	5	3
		F	4	2	1	1	1	3	2	-	4
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	2	1	1	1	1	1	-	1	-
		F	1	-	1	1	3	1	-	-	1
V01-Y89	XX External causes of injury and poisoning	M	35	20	17	12	38	38	20	15	41
		F	20	8	5	2	13	18	6	7	16

Table 3.11 (continued) Deaths in 2012 classified by underlying cause of death, area of residence and sex

ICD-10 code	Underlying cause of death	Sex	Wicklow	Clare	Cork City	Cork County	Kerry	Limerick City	Limerick County	North Tipperary	South Tipperary	Waterford City
A00-Y89	All causes	M	391	410	590	1,209	625	245	436	282	328	129
		F	419	320	552	1,060	511	289	427	280	286	161
A00-B99	I Infectious and parasitic diseases	M	6	3	4	8	2	3	1	3	4	3
		F	2	6	3	5	3	3	1	3	1	1
C00-D48	II Neoplasms	M	120	118	202	361	181	72	124	88	92	37
		F	123	82	149	322	154	76	128	76	83	51
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	1	2	1	5	-	1	1	-	1	1
		F	2	1	3	2	4	1	2	2	1	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	14	11	10	35	17	4	14	3	10	3
		F	12	4	6	28	11	10	8	4	4	4
F00-F99	V Mental and behavioural disorders	M	12	6	15	35	17	2	8	6	7	2
		F	18	15	33	43	18	11	9	15	6	6
G00-G99	VI Diseases of the nervous system	M	14	12	26	59	28	15	18	10	10	7
		F	17	11	27	56	25	19	26	12	17	8
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	126	140	161	403	206	75	162	98	122	35
		F	139	132	201	368	177	93	146	104	100	54
J00-J99	X Diseases of the respiratory system	M	41	52	51	115	77	25	43	39	29	12
		F	60	35	64	108	59	38	59	33	41	26
K00-K93	XI Diseases of the digestive system	M	13	13	23	50	19	17	18	11	11	6
		F	17	7	20	41	19	9	12	7	14	4
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	1	-	1	1	1	1	-	1	-	-
		F	1	1	-	2	1	1	1	-	1	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	3	3	6	12	4	-	2	1	2	-
		F	6	3	4	9	6	2	5	3	3	-
N00-N99	XIV Diseases of genitourinary system	M	11	14	13	26	11	7	8	5	9	1
		F	5	13	9	22	18	8	7	8	9	3
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	-	1	2	3	1	-	-	2	-	-
		F	2	1	2	5	1	2	3	2	-	1
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	4	1	6	7	6	1	1	3	-	2
		F	4	1	2	9	4	2	9	5	-	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	2	1	4	-	1	1	3	-	-
		F	4	1	4	4	1	4	-	-	2	2
V01-Y89	XX External causes of injury and poisoning	M	24	32	68	85	55	21	35	9	31	20
		F	7	7	25	36	10	10	11	6	4	-

Table 3.11 (continued) Deaths in 2012 classified by underlying cause of death, area of residence and sex

ICD-10 code	Underlying cause of death	Sex	Waterford County	Galway City	Galway County	Leitrim	Mayo	Roscommon	Sligo	Cavan	Donegal	Monaghan
A00-Y89	All causes	M	253	130	674	142	565	246	223	276	590	204
		F	244	118	584	102	535	231	231	240	550	221
A00-B99	I Infectious and parasitic diseases	M	1	1	3	-	2	1	1	2	4	-
		F	4	-	3	3	2	2	1	2	5	3
C00-D48	II Neoplasms	M	85	46	215	33	151	80	67	72	193	56
		F	69	26	168	16	146	49	71	58	158	56
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	1	-	2	-	-	-	-	1	1	1
		F	1	1	1	-	2	2	-	-	1	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	4	5	16	3	15	10	8	7	10	8
		F	9	4	16	5	10	8	8	8	16	8
F00-F99	V Mental and behavioural disorders	M	6	2	11	2	14	7	3	5	8	4
		F	14	2	21	4	20	5	6	11	16	4
G00-G99	VI Diseases of the nervous system	M	6	7	24	5	20	9	15	17	21	9
		F	11	10	27	2	30	13	15	21	24	19
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	82	41	222	47	195	78	65	104	187	67
		F	85	40	182	43	195	88	82	88	192	73
J00-J99	X Diseases of the respiratory system	M	34	9	76	27	87	34	34	26	80	21
		F	28	15	76	12	73	32	29	29	69	27
K00-K93	XI Diseases of the digestive system	M	7	5	31	7	13	3	5	7	19	10
		F	8	5	22	3	18	10	6	9	27	9
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	1	-	-	1	2	-
		F	-	-	1	-	1	-	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	2	1	-	2	2	-	-	2	6	1
		F	2	2	8	3	3	5	2	1	3	1
N00-N99	XIV Diseases of genitourinary system	M	5	5	18	2	14	6	6	4	19	5
		F	6	3	30	2	15	5	4	6	17	9
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	1	-	2	1	1	-	2	-	1	-
		F	1	1	2	1	2	1	-	1	5	1
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	3	-	4	1	2	-	5	1	5	1
		F	-	3	3	-	-	2	2	-	4	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	1	-	-	2	-	-	4	1	1
		F	-	-	2	1	1	1	-	-	-	2
V01-Y89	XX External causes of injury and poisoning	M	15	7	50	12	46	18	12	23	33	20
		F	6	6	22	7	17	8	5	6	13	7

Table 3.11 (continued) Deaths in 2012 classified by underlying cause of death, area of residence and sex

ICD-10 code	Underlying cause of death	Sex	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West
A00-Y89	All causes	M	1,806	952	1,615	3,751	1,314	1,373	1,710	2,424
		F	1,726	852	1,468	3,842	1,284	1,316	1,630	2,123
A00-B99	I Infectious and parasitic diseases	M	7	4	7	40	16	10	18	14
		F	21	3	7	31	13	13	8	11
C00-D48	II Neoplasms	M	546	305	492	1,232	432	402	524	744
		F	471	234	389	1,173	381	362	469	625
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	4	2	2	9	2	4	6	6
		F	5	2	6	18	9	6	5	9
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	51	34	46	58	41	32	50	62
		F	52	27	38	80	33	26	38	45
F00-F99	V Mental and behavioural disorders	M	26	15	34	123	26	22	41	67
		F	53	27	48	235	49	50	63	94
G00-G99	VI Diseases of the nervous system	M	83	37	60	162	50	55	62	113
		F	97	52	80	196	52	68	81	108
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	573	322	536	1,130	410	475	563	770
		F	591	290	505	1,132	407	475	555	746
J00-J99	X Diseases of the respiratory system	M	234	107	206	398	141	159	195	243
		F	222	128	196	492	165	165	215	231
K00-K93	XI Diseases of the digestive system	M	60	27	52	192	41	59	58	92
		F	78	24	55	175	56	35	74	80
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	5	-	1	2	2	2	1	3
		F	-	-	2	10	2	3	4	3
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	13	3	3	14	9	6	10	22
		F	14	10	18	46	16	13	18	19
N00-N99	XIV Diseases of genitourinary system	M	39	20	43	62	20	34	25	50
		F	48	25	53	93	30	36	43	49
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-
		F	-	-	-	1	-	-	1	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	4	3	3	21	8	3	4	6
		F	9	4	6	11	9	8	4	8
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	16	6	6	21	15	6	12	19
		F	8	4	8	15	11	17	7	15
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	7	3	3	9	4	7	2	5
		F	6	2	4	13	6	5	5	9
V01-Y89	XX External causes of injury and poisoning	M	138	64	121	278	97	97	139	208
		F	51	20	53	121	45	34	40	71

Table 3.12 Standardised death rates per 1,000 population by area of residence of deceased in 2012 for certain underlying causes of death

Area of residence	II Neoplasms	IX Diseases of the circulatory system	X Diseases of the respiratory system	External causes of injury and poisoning
STATE	1.91	2.07	0.76	0.34
LEINSTER	1.97	1.99	0.78	0.32
Carlow	1.97	2.17	1.02	0.34
Dublin City	2.26	2.08	0.82	0.44
South Dublin	1.56	1.57	0.59	0.16
Fingal	2.11	1.89	0.78	0.25
Dun Laoghaire-Rathdown	1.73	1.81	0.67	0.25
Kildare	2.02	1.86	0.81	0.29
Kilkenny	1.88	2.09	0.68	0.30
Laois	2.02	2.13	0.83	0.29
Longford	1.93	2.36	1.27	0.35
Louth	2.04	1.88	0.89	0.43
Meath	1.79	2.10	0.73	0.33
Offaly	1.87	1.91	0.71	0.35
Westmeath	1.99	2.51	0.80	0.26
Wexford	1.86	2.14	0.80	0.39
Wicklow	1.89	2.13	0.82	0.23
MUNSTER	1.92	2.21	0.73	0.39
Clare	1.62	2.20	0.70	0.34
Cork City	2.45	2.47	0.78	0.75
Cork County	1.77	2.01	0.58	0.31
Kerry	1.96	2.20	0.78	0.44
Limerick City	2.38	2.80	1.08	0.53
Limerick County	1.86	2.32	0.77	0.35
North Tipperary	2.03	2.46	0.88	0.20
South Tipperary	1.73	2.16	0.68	0.38
Waterford City	1.82	1.85	0.79	0.43
Waterford County	2.07	2.24	0.83	0.31
CONNACHT	1.74	2.00	0.78	0.37
Galway City	1.26	1.46	0.44	0.21
Galway County	2.01	2.03	0.76	0.41
Leitrim	1.19	2.06	0.90	0.53
Mayo	1.80	2.24	0.90	0.45
Roscommon	1.56	1.92	0.76	0.38
Sligo	1.78	1.77	0.76	0.26
ULSTER (Part of)	1.84	2.12	0.74	0.34
Cavan	1.66	2.34	0.65	0.39
Donegal	1.96	2.05	0.81	0.28
Monaghan	1.72	2.04	0.69	0.44
REGIONAL AUTHORITIES:				
Border	1.83	2.02	0.79	0.36
Midland	1.96	2.22	0.85	0.30
West	1.78	2.02	0.77	0.38
Dublin	2.01	1.90	0.75	0.31
Mid-East	1.90	2.03	0.79	0.29
Mid-West	1.90	2.38	0.81	0.35
South-East	1.88	2.13	0.78	0.36
South-West	1.95	2.15	0.67	0.41

Table 3.13 Deaths from neoplasms (C00-D48) in 2012 classified by underlying cause of death and sex

ICD-10 code	Underlying cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
C00-D48	II Neoplasms	8,781	4,677	4,104			
C00-C97	Malignant neoplasm	8,571	4,569	4,002	100	100	100
C00-C14	Lip, oral cavity and pharynx	169	117	52	2.0	2.6	1.3
C15-C26	Digestive organs	2,592	1,494	1,098	30.2	32.7	27.4
C30-C39	Respiratory and intrathoracic organs	1,887	1,138	749	22.0	24.9	18.7
C40-C41	Bone and articular cartilage	15	9	6	0.2	0.2	0.1
C43-C44	Skin	205	121	84	2.4	2.6	2.1
C45-C49	Mesothelial and soft tissue	111	73	38	1.3	1.6	0.9
C50	Breast	698	9	689	8.1	0.2	17.2
C51-C58	Female genital organs	499	-	499	5.8	-	12.5
C60-C63	Male genital organs	541	541	-	6.3	11.8	-
C64-C68	Urinary tract	407	273	134	4.7	6.0	3.3
C69-C72	Eye, brain and other parts of central nervous system	294	172	122	3.4	3.8	3.0
C73-C75	Thyroid and other endocrine glands	39	14	25	0.5	0.3	0.6
C76-C80	Ill-defined, secondary, and unspecified sites	347	172	175	4.0	3.8	4.4
C81-C96	Lymphoid, haematopoietic and related tissue	767	436	331	8.9	9.5	8.3

Table 3.14 Deaths from malignant neoplasms (C00-C97) in 2012 classified by underlying cause of death, sex and age-group

ICD-10 code	Underlying cause of death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
C00-C97	Malignant neoplasm	M	4,569	18	18	31	92	252	748	1,272	1,496	642
		F	4,002	13	9	32	124	306	657	948	1,120	793
C00-C14	Lip, oral cavity and pharynx	M	117	-	-	-	1	22	37	32	19	6
		F	52	-	-	-	1	3	9	16	11	12
C15-C26	Digestive organs	M	1,494	-	1	5	32	84	234	446	500	192
		F	1,098	-	-	5	15	49	152	255	349	273
C30-C39	Respiratory and intrathoracic organs	M	1,138	-	-	2	11	60	249	349	357	110
		F	749	-	1	-	2	40	147	216	239	104
C40-C41	Bone and articular cartilage	M	9	1	3	1	-	1	1	1	-	1
		F	6	1	-	-	1	2	-	-	-	2
C43-C44	Skin	M	121	-	-	5	1	13	12	34	40	16
		F	84	-	2	2	2	3	10	11	20	34
C45-C49	Mesothelial and soft tissue	M	73	-	2	2	1	3	10	25	19	11
		F	38	1	-	1	-	7	6	9	6	8
C50	Breast	M	9	-	-	-	-	2	1	1	3	2
		F	689	-	-	8	46	101	130	142	150	112
C51-C58	Female genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	499	1	-	8	29	50	103	111	122	75
C60-C63	Male genital organs	M	541	-	1	4	6	4	36	117	209	164
		F	-	-	-	-	-	-	-	-	-	-
C64-C68	Urinary tract	M	273	1	1	-	3	15	39	80	88	46
		F	134	2	1	1	5	6	8	31	29	51
C69-C72	Eye, brain and other parts of central nervous system	M	172	11	3	7	19	17	40	43	27	5
		F	122	2	1	4	6	16	33	28	20	12
C73-C75	Thyroid and other endocrine glands	M	14	2	-	-	2	-	2	2	6	-
		F	25	2	-	-	2	2	2	10	4	3
C76-C80	Ill-defined, secondary, and unspecified sites	M	172	-	-	-	9	12	26	35	57	33
		F	175	-	-	1	4	11	16	35	57	51
C81-C96	Lymphoid, haematopoietic and related tissue	M	436	3	7	5	7	19	61	107	171	56
		F	331	4	4	2	11	16	41	84	113	56

Table 3.15 Deaths from malignant neoplasms (C00-C97) in 2012 classified by area of residence and underlying cause of death

Area of residence	Malignant Neoplasm							
	Total Malignant neoplasm (C00-C97)	Digestive organs (C15-C26)	Respiratory and intrathoracic organs (C30-C39)	Breast (C50)	Female genital organs (C51-C58)	Male genital organs (C60-C63)	Lymphoid, haematopoietic and related tissue (C81-C96)	Remainder Malignant neoplasm (C00-C97)
STATE	8,571	2,592	1,887	698	499	541	767	1,587
LEINSTER	4,465	1,322	1,056	351	260	264	375	837
Carlow	105	29	23	7	6	10	9	21
Dublin City	1,230	360	325	79	65	65	108	228
South Dublin	329	84	96	25	21	15	29	59
Fingal	376	93	76	42	33	19	33	80
Dun Laoghaire-Rathdown	427	143	80	32	24	25	31	92
Kildare	302	102	78	19	13	20	25	45
Kilkenny	184	50	37	18	18	14	13	34
Laois	139	45	33	12	8	7	12	22
Longford	74	30	11	6	3	6	5	13
Louth	233	71	51	18	17	12	24	40
Meath	253	76	58	21	9	17	25	47
Offaly	140	50	30	14	3	11	9	23
Westmeath	165	53	32	13	8	13	16	30
Wexford	271	70	69	24	14	16	20	58
Wicklow	237	66	57	21	18	14	16	45
MUNSTER	2,495	792	493	220	142	166	231	451
Clare	198	71	29	22	11	11	18	36
Cork City	346	100	83	21	25	27	28	62
Cork County	663	220	125	53	43	56	57	109
Kerry	323	96	62	38	8	17	43	59
Limerick City	143	48	27	10	7	6	11	34
Limerick County	250	77	42	35	11	16	26	43
North Tipperary	163	53	40	11	10	6	16	27
South Tipperary	173	55	38	8	14	13	13	32
Waterford City	84	23	11	8	9	6	6	21
Waterford County	152	49	36	14	4	8	13	28
CONNACHT	1,036	304	201	88	64	72	110	197
Galway City	71	25	15	4	2	4	7	14
Galway County	372	105	74	24	21	21	44	83
Leitrim	46	20	10	2	-	3	2	9
Mayo	289	87	56	30	19	22	26	49
Roscommon	123	35	24	7	10	11	15	21
Sligo	135	32	22	21	12	11	16	21
ULSTER (Part of)	575	174	137	39	33	39	51	102
Cavan	126	42	31	5	7	7	11	23
Donegal	341	100	79	29	14	28	29	62
Monaghan	108	32	27	5	12	4	11	17
REGIONAL AUTHORITIES:								
Border	989	297	220	80	62	65	93	172
Midland	518	178	106	45	22	37	42	88
West	855	252	169	65	52	58	92	167
Dublin	2,362	680	577	178	143	124	201	459
Mid-East	792	244	193	61	40	51	66	137
Mid-West	754	249	138	78	39	39	71	140
South-East	969	276	214	79	65	67	74	194
South-West	1,332	416	270	112	76	100	128	230

Table 3.16 Deaths from diseases of the circulatory system (I00-I99) in 2012 classified by underlying cause of death and sex

ICD-10 code	Underlying cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
I00-I99	IX Diseases of the circulatory system	9,480	4,779	4,701	100	100	100
I00-I02	Acute Rheumatic fever	3	1	2	0.0	0.0	0.0
I05-I09	Chronic rheumatic heart diseases	59	19	40	0.6	0.4	0.9
I10-I15	Hypertensive diseases	349	123	226	3.7	2.6	4.8
I20-I25	Ischaemic heart diseases	4,758	2,753	2,005	50.2	57.6	42.7
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	187	85	102	2.0	1.8	2.2
I30-I52	Other forms of heart disease	1,627	734	893	17.2	15.4	19.0
I60-I69	Cerebrovascular diseases	1,935	773	1,162	20.4	16.2	24.7
I70-I179	Diseases of the arteries, arterioles and capillaries	492	254	238	5.2	5.3	5.1
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	66	33	33	0.7	0.7	0.7
I95-I99	Other and unspecified disorders of the circulatory system	4	4	-	0.0	0.1	-

Table 3.17 Deaths from diseases of the circulatory system (I00-I99) in 2012 classified by underlying cause of death, sex and age-group

ICD-10 code	Underlying cause of death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
I00-I99	IX Diseases of the circulatory system	M	4,779	3	12	26	77	257	511	961	1,558	1,374
		F	4,701	1	1	12	31	79	187	427	1,361	2,602
I00-I02	Acute Rheumatic fever	M	1	-	-	-	-	-	1	-	-	-
		F	2	-	-	-	-	-	-	2	-	-
I05-I09	Chronic rheumatic heart diseases	M	19	-	-	-	-	1	4	4	4	6
		F	40	-	-	-	-	2	4	3	21	10
I10-I15	Hypertensive diseases	M	123	-	-	-	4	2	7	28	35	47
		F	226	-	-	1	-	3	5	13	62	142
I20-I25	Ischaemic heart diseases	M	2,753	-	1	11	36	165	344	630	857	709
		F	2,005	-	-	2	10	24	93	218	589	1,069
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	M	85	-	1	1	3	6	17	18	26	13
		F	102	-	-	3	5	6	10	12	40	26
I30-I52	Other forms of heart disease	M	734	1	7	7	17	41	65	105	222	269
		F	893	1	1	2	8	16	23	44	236	562
I60-I69	Cerebrovascular diseases	M	773	1	1	3	13	32	51	108	312	252
		F	1,162	-	-	3	6	27	44	104	321	657
I70-I179	Diseases of the arteries, arterioles and capillaries	M	254	1	1	3	3	8	16	55	93	74
		F	238	-	-	1	1	1	3	26	84	122
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, nec	M	33	-	1	1	1	2	6	11	9	2
		F	33	-	-	-	1	-	5	5	8	14
I95-I99	Other and unspecified disorders of the circulatory system	M	4	-	-	-	-	-	-	2	-	2
		F	-	-	-	-	-	-	-	-	-	-

Table 3.18 Deaths from diseases of the circulatory system (I00-I99) in 2012 classified by area of residence and underlying cause of death

Area of residence	Total IX Diseases of the circulatory system (I00-I99)	Ischaemic heart diseases (I20-I25)	<i>of which:</i> <i>Acute myocardial</i> <i>infarction</i> (I21)	Cerebrovascular diseases (I60-I69)	Remainder IX Diseases of the circulatory system (I00-I99)
STATE	9,480	4,758	2,260	1,935	2,787
LEINSTER	4,547	2,316	1,017	922	1,309
Carlow	116	70	47	21	25
Dublin City	1,211	635	243	241	335
South Dublin	281	138	47	54	89
Fingal	296	147	54	55	94
Dun Laoghaire-Rathdown	474	220	91	106	148
Kildare	262	140	65	51	71
Kilkenny	213	121	60	34	58
Laois	146	76	34	28	42
Longford	100	36	22	30	34
Louth	216	107	50	43	66
Meath	290	152	66	61	77
Offaly	146	77	44	31	38
Westmeath	220	92	44	43	85
Wexford	311	164	79	66	81
Wicklow	265	141	71	58	66
MUNSTER	2,944	1,447	695	599	898
Clare	272	148	74	58	66
Cork City	362	169	75	67	126
Cork County	771	372	182	147	252
Kerry	383	179	93	79	125
Limerick City	168	90	43	34	44
Limerick County	308	160	86	63	85
North Tipperary	202	101	49	34	67
South Tipperary	222	108	54	48	66
Waterford City	89	40	7	22	27
Waterford County	167	80	32	47	40
CONNACHT	1,278	635	341	256	387
Galway City	81	42	20	12	27
Galway County	404	204	93	83	117
Leitrim	90	45	23	14	31
Mayo	390	212	135	82	96
Roscommon	166	74	40	38	54
Sligo	147	58	30	27	62
ULSTER (Part of)	711	360	207	158	193
Cavan	192	92	49	43	57
Donegal	379	201	117	82	96
Monaghan	140	67	41	33	40
REGIONAL AUTHORITIES:					
Border	1,164	570	310	242	352
Midland	612	281	144	132	199
West	1,041	532	288	215	294
Dublin	2,262	1,140	435	456	666
Mid-East	817	433	202	170	214
Mid-West	950	499	252	189	262
South-East	1,118	583	279	238	297
South-West	1,516	720	350	293	503

Table 3.19 Deaths from diseases of the respiratory system (J00-J99) in 2012 classified by underlying cause of death and sex

ICD-10 code	Underlying cause of death	Persons	Males	Females		Persons	Males	Females
						%	%	%
J00-J99	X Diseases of the respiratory system	3,497	1,683	1,814		100	100	100
J00-J06	Acute upper respiratory infections	1	-	1		0.0	-	0.1
J10-J18	Influenza and pneumonia	1,093	451	642		31.3	26.8	35.4
J20-J22	Other acute lower respiratory infections	130	48	82		3.7	2.9	4.5
J30-J39	Other diseases of upper respiratory tract	3	1	2		0.1	0.1	0.1
J40-J47	Chronic lower respiratory diseases	1,587	809	778		45.4	48.1	42.9
J60-J70	Lung diseases due to external agents	181	94	87		5.2	5.6	4.8
J80-J84	Other respiratory diseases principally affecting the interstitium	339	208	131		9.7	12.4	7.2
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	8	7	1		0.2	0.4	0.1
J90-J94	Other disease of pleura	12	7	5		0.3	0.4	0.3
J95-J99	Other diseases of the respiratory system	143	58	85		4.1	3.4	4.7

Table 3.20 Deaths from diseases of the respiratory system (J00-J99) in 2012 classified by underlying cause of death, sex and age-group

ICD-10 code	Underlying cause of death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
J00-J99	X Diseases of the respiratory system	M	1,683	1	-	5	5	30	92	290	614	646
		F	1,814	3	2	3	3	11	69	209	529	985
J00-J06	Acute upper respiratory infections	M	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1
J10-J18	Influenza and pneumonia	M	451	-	-	-	3	12	15	50	122	249
		F	642	1	-	-	-	5	12	27	139	458
J20-J22	Other acute lower respiratory infections	M	48	-	-	-	-	3	1	4	15	25
		F	82	-	-	-	-	-	-	7	20	55
J30-J39	Other diseases of upper respiratory tract	M	1	-	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	2	-
J40-J47	Chronic lower respiratory diseases	M	809	1	-	3	-	6	47	159	344	249
		F	778	2	1	2	-	3	44	130	281	315
J60-J70	Lung diseases due to external agents	M	94	-	-	-	-	3	6	5	30	50
		F	87	-	-	-	1	-	1	6	21	58
J80-J84	Other respiratory diseases principally affecting the interstitium	M	208	-	-	1	1	6	19	61	81	39
		F	131	-	1	1	2	1	8	32	50	36
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	M	7	-	-	1	1	-	2	1	-	2
		F	1	-	-	-	-	-	-	-	-	1
J90-J94	Other disease of pleura	M	7	-	-	-	-	-	-	2	2	3
		F	5	-	-	-	-	-	-	-	1	4
J95-J99	Other diseases of the respiratory system	M	58	-	-	-	-	-	2	8	19	29
		F	85	-	-	-	-	2	4	7	15	57

Table 3.21 Deaths from diseases of the respiratory system (J00-J99) in 2012 classified by area of residence and underlying cause of death

Area of residence	Total X Diseases of the respiratory system (J00-J99)	Influenza pneumonia (J10-J18)	Chronic lower respiratory diseases (J40-J47)	Remainder X Diseases of the respiratory system (J00-J99)
STATE	3,497	1,093	1,587	817
LEINSTER	1,773	565	807	401
Carlow	54	24	20	10
Dublin City	495	147	227	121
South Dublin	101	31	46	24
Fingal	115	28	55	32
Dun Laoghaire-Rathdown	179	66	68	45
Kildare	110	29	54	27
Kilkenny	70	22	28	20
Laois	57	18	28	11
Longford	54	24	22	8
Louth	102	32	52	18
Meath	95	37	38	20
Offaly	54	11	34	9
Westmeath	70	26	27	17
Wexford	116	38	63	15
Wicklow	101	32	45	24
MUNSTER	968	299	438	231
Clare	87	37	35	15
Cork City	115	24	61	30
Cork County	223	71	100	52
Kerry	136	50	57	29
Limerick City	63	15	35	13
Limerick County	102	39	41	22
North Tipperary	72	14	39	19
South Tipperary	70	19	41	10
Waterford City	38	15	7	16
Waterford County	62	15	22	25
CONNACHT	504	152	226	126
Galway City	24	8	10	6
Galway County	152	52	63	37
Leitrim	39	12	16	11
Mayo	160	40	73	47
Roscommon	66	18	37	11
Sligo	63	22	27	14
ULSTER (Part of)	252	77	116	59
Cavan	55	12	19	24
Donegal	149	52	71	26
Monaghan	48	13	26	9
REGIONAL AUTHORITIES:				
Border	456	143	211	102
Midland	235	79	111	45
West	402	118	183	101
Dublin	890	272	396	222
Mid-East	306	98	137	71
Mid-West	324	105	150	69
South-East	410	133	181	96
South-West	474	145	218	111

Table 3.22 Deaths from external causes (V01-Y89) in 2012 classified by underlying cause of death and sex

ICD-10 code	External cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
V01-Y89	XX External causes of injury and poisoning	1,577	1,142	435	100.0	100.0	100.0
V01-X59	Accidents	916	618	298	58.1	54.1	68.5
V01-V99	Transport accidents	162	115	47	10.3	10.1	10.8
V01-V89	Land transport accidents	148	102	46	9.4	8.9	10.6
V90-V99	Other transport accidents	14	13	1	0.9	1.1	0.2
W00-W19	Falls	246	139	107	15.6	12.2	24.6
W65-W74	Accidental drowning and submersion	59	49	10	3.7	4.3	2.3
X00-X09	Exposure to smoke, fire and flames	36	25	11	2.3	2.2	2.5
X30-X39	Exposure to forces of nature	6	4	2	0.4	0.4	0.5
X40-X49	Accidental poisoning by and exposure to noxious substances	261	198	63	16.6	17.3	14.5
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	146	88	58	9.3	7.7	13.3
X60-X84	Intentional self-harm	541	445	96	34.3	39.0	22.1
X85-Y09	Assault	38	30	8	2.4	2.6	1.8
Y10-Y34	Events of undetermined intent	54	36	18	3.4	3.2	4.1
Y40-Y84	Complications of medical and surgical care	24	11	13	1.5	1.0	3.0
Y85-Y89	Sequelae of external causes of morbidity and mortality	4	2	2	0.3	0.2	0.5

Table 3.23 Deaths from external causes (V01-Y89) in 2012 classified by underlying cause of death, sex and age-group

ICD-10 code	External cause of death	Sex	All ages	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
V01-Y89	All external causes	M	1,142	1	9	130	211	189	205	159	103	79	56
		F	435	3	1	35	51	47	67	48	30	60	93
V01-X59	Accidents	M	618	1	5	64	101	78	100	85	71	66	47
		F	298	3	-	14	23	20	38	31	26	54	89
V01-V99	Transport accidents	M	115	-	4	25	21	16	20	11	9	7	2
		F	47	1	-	5	12	4	5	3	3	11	3
V01-V89	Land transport accidents	M	102	-	4	23	20	12	18	9	7	7	2
		F	46	1	-	5	12	4	5	3	3	10	3
V90-V99	Other transport accidents	M	13	-	-	2	1	4	2	2	2	-	-
		F	1	-	-	-	-	-	-	-	-	1	-
W00-W19	Falls	M	139	1	-	1	3	6	21	22	33	28	24
		F	107	1	-	1	-	3	6	9	14	25	48
W65-W74	Accidental drowning and submersion	M	49	-	-	7	6	8	8	9	7	4	-
		F	10	-	-	-	-	-	1	3	3	2	1
X00-X09	Exposure to smoke, fire and flames	M	25	-	1	1	1	1	5	5	2	8	1
		F	11	-	-	-	2	1	1	2	1	3	1
X30-X39	Exposure to forces of nature	M	4	-	-	1	-	-	-	1	1	1	-
		F	2	-	-	-	-	-	1	-	-	1	-
X40-X49	Accidental poisoning by and exposure to noxious substances	M	198	-	-	25	64	46	34	22	5	2	-
		F	63	-	-	6	9	11	20	10	5	2	-
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	M	88	-	-	4	6	1	12	15	14	16	20
		F	58	1	-	2	-	1	4	4	-	10	36
X60-X84	Intentional self-harm	M	445	-	3	59	89	97	94	66	23	10	4
		F	96	-	1	16	20	21	21	13	2	2	-
X85-Y09	Assault	M	30	-	1	4	14	4	2	2	3	-	-
		F	8	-	-	2	3	1	1	1	-	-	-
Y10-Y34	Events of undetermined intent	M	36	-	-	2	6	9	8	6	4	-	1
		F	18	-	-	3	3	4	5	1	1	1	-
Y40-Y84	Complications of medical and surgical care	M	11	-	-	1	-	-	1	-	2	3	4
		F	13	-	-	-	2	1	2	2	1	2	3
Y85-Y89	Sequelae of external causes of morbidity and mortality	M	2	-	-	-	1	1	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	1	1

Table 3.24 Deaths from external causes in 2012 classified by area of residence

Area of residence	External causes of death (V01-Y98)	External causes of death				
		Accidents (V01-X59)	Intentional self-harm (X60-X84)	Assault (X85-Y09)	Events of undetermined intent (Y10-Y34)	Other external causes (Y35-Y98)
STATE	1,577	916	541	38	54	28
LEINSTER	779	432	266	30	30	21
Carlow	18	11	5	1	1	-
Dublin City	241	142	61	19	10	9
South Dublin	42	23	15	2	1	1
Fingal	57	29	17	4	5	2
Dun Laoghaire-Rathdown	59	41	16	-	2	-
Kildare	55	27	24	1	1	2
Kilkenny	28	13	12	1	-	2
Laois	22	11	10	-	1	-
Longford	14	11	3	-	-	-
Louth	51	22	21	1	6	1
Meath	56	36	18	-	1	1
Offaly	26	12	12	-	-	2
Westmeath	22	12	9	-	1	-
Wexford	57	22	33	-	1	1
Wicklow	31	20	10	1	-	-
MUNSTER	486	282	174	7	18	5
Clare	39	21	15	-	3	-
Cork City	93	61	27	2	2	1
Cork County	121	78	37	2	4	-
Kerry	65	31	32	1	1	-
Limerick City	31	11	15	1	4	-
Limerick County	46	24	19	-	1	2
North Tipperary	15	8	5	-	1	1
South Tipperary	35	19	13	1	1	1
Waterford City	20	15	4	-	1	-
Waterford County	21	14	7	-	-	-
CONNACHT	210	134	70	-	5	1
Galway City	13	10	3	-	-	-
Galway County	72	46	25	-	1	-
Leitrim	19	16	3	-	-	-
Mayo	63	35	25	-	3	-
Roscommon	26	17	7	-	1	1
Sligo	17	10	7	-	-	-
ULSTER (Part of)	102	68	31	1	1	1
Cavan	29	21	7	1	-	-
Donegal	46	33	12	-	-	1
Monaghan	27	14	12	-	1	-
REGIONAL AUTHORITIES:						
Border	189	116	62	2	7	2
Midland	84	46	34	-	2	2
West	174	108	60	-	5	1
Dublin	399	235	109	25	18	12
Mid-East	142	83	52	2	2	3
Mid-West	131	64	54	1	9	3
South-East	179	94	74	3	4	4
South-West	279	170	96	5	7	1

Table 3.25 Deaths from non transport accidents in 2012 classified by place of occurrence

ICD-10 code	Cause of Death	Total	In the home and residential institutions	Elsewhere or place not stated		In the home and residential institutions	Elsewhere or place not stated
						%	%
W00-X59	Non transport accidents	754	440	314		58.4	41.6
W00-W19	Falls	246	158	88		64.2	35.8
W65-W74	Accidental drowning and submersion	59	3	56		5.1	94.9
X00-X09	Exposure to smoke, fire and flames	36	34	2		94.4	5.6
X30-X39	Exposure to forces of nature	6	2	4		33.3	66.7
X40-X49	Accidental poisoning by and exposure to noxious substances	261	185	76		70.9	29.1
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	146	58	88		39.7	60.3

Table 3.26 Deaths from external causes in the home and residential institutions in 2012 classified by sex and age-group

ICD-10 code	Cause of Death	Sex	All ages	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
W00-X59	Non transport accidents	M	503	2	39	80	62	80	74	62	59	45
		F	251	2	9	11	16	33	28	23	43	86
W00-X59	Non transport accidents - in home and residential institutions	M	270	2	18	39	35	45	44	33	33	21
		F	170	2	5	6	13	26	22	15	29	52
W00-X59	Non transport accidents - occurring elsewhere or place not stated	M	233	-	21	41	27	35	30	29	26	24
		F	81	-	4	5	3	7	6	8	14	34

Table 3.27 Deaths in 2012 from external causes classified by the injury, poisoning or certain other consequences

ICD-10 Code	External cause of death	Persons	Males	Females
V01-Y89	XX External causes of injury and poisoning	1,577	1,142	435
S00-S09	Injuries to the head	257	177	80
S10-S19	Injuries to the neck	24	17	7
S20-S29	Injuries to the thorax	61	49	12
S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	25	14	11
S40-S49	Injuries to the shoulder and upper arm	5	2	3
S50-S59	Injuries to the elbow and forearm	4	4	-
S60-S69	Injuries to the wrist and hand	3	2	1
S70-S79	Injuries to the hip and thigh	102	35	67
S80-S89	Injuries to the knee and lower leg	3	1	2
S90-S99	Injuries to the ankle and foot	2	1	1
T00-T07	Injuries involving multiple body regions	78	53	25
T08-T14	Injuries to unspecified parts of trunk, limb or body regions	22	14	8
T15-T19	Effects of foreign body entering through natural orifice	20	15	5
T20-T32	Burns and corrosions	14	7	7
T33-T35	Frostbite			
T36-T50	Poisoning by drugs, medicaments and biological substances	236	170	66
T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	117	89	28
T66-T78	Other and unspecified effects of external causes	581	480	101
T79	Certain early complications of trauma	1	1	-
T80-T88	Complications of surgical and medical care, nec	17	9	8
T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	5	2	3

Table 3.28 Deaths in 2012 classified by the underlying cause of death and sex in the Eurostat 65 cause of death shortlist

ICD-10 code	65 COD code	Underlying cause of death	Persons	Males	Females
A00-Y89	0	All causes	29,186	14,945	14,241
A00-B99	1	Infectious and parasitic diseases	223	116	107
A15-A19,					
B90	2	Tuberculosis	27	15	12
A39	7	Meningococcal infection	1	-	1
B20-B24	8	AIDS (HIV-disease)	12	11	1
B15-B19	10	Viral hepatitis	23	13	10
		Other infectious and parasitic diseases	160	77	83
C00-D48	6	Neoplasms	8,781	4,677	4,104
C00-C97	7	Malignant neoplasm	8,571	4,569	4,002
C00-C14	8	Malignant neoplasm of lip, oral cavity and pharynx	169	117	52
C15	9	Malignant neoplasm of oesophagus	376	230	146
C16	10	Malignant neoplasm of stomach	313	192	121
C18	11	Malignant neoplasm of colon	543	301	242
C19-C21	12	Malignant neoplasm of rectum and anus	439	280	159
C22	13	Malignant neoplasm of liver and intrahepatic bile ducts	236	144	92
C25	14	Malignant neoplasm of pancreas	476	246	230
C32-C34	15	Malignant neoplasm of larynx and trachea/bronchus/lung	1,876	1,134	742
C43	16	Malignant melanoma of skin	140	84	56
C50	17	Malignant neoplasm of breast	698	9	689
C53	18	Malignant neoplasm of cervix uteri	93	-	93
C54-C55	19	Malignant neoplasm of other parts of uterus	104	-	104
C56	20	Malignant neoplasm of ovary	276	-	276
C61	21	Malignant neoplasm of prostate	519	519	-
C64	22	Malignant neoplasm of kidney, except renal pelvis	182	118	64
C67	23	Malignant neoplasm of bladder	210	147	63
C81-C96	24	Malignant neoplasm of lymphoid/haematopoietic tissue	767	436	331
		Other malignant neoplasms	1,154	612	542
D50-D89	25	Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	95	35	60
E00-E90	26	Endocrine, nutritional and metabolic diseases	713	374	339
E10-E14	27	Diabetes mellitus	536	288	248
F00-F99	28	Mental and behavioural disorders	973	354	619
F10	29	Alcohol abuse (including alcoholic psychosis)*	7	5	2
F11-F16 & F18-F19	30	Drug dependence, toxicomania *	1	1	-
G00-H95	31	Diseases of the nervous system and the sense organs	1,356	622	734
G00-G03	32	Meningitis	11	6	5
I00-I99	33	Diseases of the circulatory system	9,480	4,779	4,701
I20-I25	34	Ischaemic heart diseases	4,758	2,753	2,005
I21		of which: (Acute myocardial infarction)	2,260	1,219	1,041
I30-I33, I39-I52	35	Other heart disease	1,390	613	777
I60-I69	36	Cerebrovascular disease	1,935	773	1,162
		Other diseases of the circulatory system	1,397	640	757
J00-J99	37	Diseases of the respiratory system	3,497	1,683	1,814
J10-J11	38	Influenza	7	5	2
J12-J19	39	Pneumonia	1,086	446	640
J40-J47	40	Chronic lower respiratory diseases	1,587	809	778
J45-J46	41	of which: Asthma	39	13	26
		Other diseases of the respiratory system	817	423	394
K00-K93	42	Diseases of the digestive system	1,158	581	577
K25-K28	43	Ulcer of stomach, duodenum and jejunum	80	40	40
K70, K73-K74	44	Chronic liver disease	335	207	128
		Other diseases of the digestive system	743	334	409
L00-L99	45	Diseases of the skin and subcutaneous tissue	40	16	24
M00-M99	46	Diseases of musculoskeletal system/connective tissue	234	80	154
M05-M06, M15-M19	47	Rheumatoid arthritis and osteoarthritis	76	25	51

Table 3.28 (continued) Deaths in 2012 classified by the underlying cause of death and sex in the Eurostat 65 cause of death shortlist

ICD-10 code	65 COD code	Underlying cause of death	Persons	Males	Females
N00-N99	48	Diseases of genitourinary system	670	293	377
N00-N29	49	Diseases of kidney and ureter	469	222	247
O00-O99	50	Complicatons of pregnancy, childbirth and puerperium	2	-	2
P00-P96	51	Certain conditions originating in the perinatal period	111	52	59
Q00-Q99	52	Congenital malformations and chromosomal abnormalities	186	101	85
Q00-Q07	53	Congenital malformations of the nervous system	18	8	10
Q20-Q28	54	Congenital malformations of the circulatory system	40	23	17
R00-R99	55	Symptoms, signs, abnormal findings, ill-defined causes	90	40	50
R95	56	Sudden infant death syndrome	22	11	11
R96-R99	57	Unknown and unspecified causes	31	14	17
V01-Y89	58	External causes of injury and poisoning	1,577	1,142	435
V01-X59	59	Accidents	916	618	298
V01-V99	60	<i>of which: Transport accidents</i>	162	115	47
W00-W19	61	<i>Accidental falls</i>	246	139	107
X40-X49	62	<i>Accidental poisoning</i>	261	198	63
		<i>other accidents</i>	247	166	81
X60-X84	63	Suicide and intentional self-harm	541	445	96
X85-Y09	64	Homicide/assault	38	30	8
Y10-Y34	65	Events of undetermined intent	54	36	18
		All other external causes	28	13	15

* See technical notes page 55.

Table 3.29 Deaths where there was mention of mental and behavioural disorders classified by the underlying cause of death, sex and age-group, 2012

ICD-10 code	Underlying cause of death	Persons	Males	Females	Age at Death							
					15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
A00-Y89	Deaths not coded to mental and behavioural disorders but with mention of such	1,004	714	290	49	109	164	235	216	132	75	24
A00-B99	I Infectious and parasitic diseases	15	9	6	-	1	4	7	1	2	-	-
C00-D48	II Neoplasms	55	39	16	-	-	1	7	19	15	12	1
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	-	-	-	-	-	-	-	-	-	-	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	15	10	5	-	2	1	2	2	5	2	1
F00-F99	V Mental and behavioural disorders	9	6	3	-	-	1	2	-	3	3	-
G00-G99	VI Diseases of the nervous system	6	6	-	-	1	1	1	-	1	1	1
H00-H59	VII Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	126	102	24	1	1	11	25	40	29	12	7
J00-J99	X Diseases of the respiratory system	68	45	23	-	-	-	6	7	20	24	11
K00-K93	XI Diseases of the digestive system	271	183	88	1	6	46	80	87	38	12	1
L00-L99	XII Diseases of the skin and subcutaneous tissue	2	1	1	-	-	-	2	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	2	2	-	-	-	-	-	1	1	-	-
N00-N99	XIV Diseases of genitourinary system	2	1	1	-	-	-	1	-	-	-	1
O00-O99	XV Complications of pregnancy, childbirth and puerperium	-	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	-	-	-	-	-	-	-	-	-	-	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	2	-	2	-	-	-	-	2	-	-	-
V01-Y89	XX External causes of injury and poisoning	431	310	121	47	98	99	102	57	18	9	1

Table 3.30 Suicides classified by county of residence of deceased, 2009 - 2012

Area of residence	2012			2011			2010			2009		
	Number of suicides			Number of suicides			Number of suicides			Number of suicides		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
STATE	541	445	96	554	458	96	495	405	90	552	443	109
LEINSTER	266	211	55	273	229	44	247	200	47	261	200	61
Carlow	5	5	-	7	7	-	7	7	-	6	5	1
Dublin City	61	46	15	57	50	7	51	35	16	62	43	19
South Dublin	15	12	3	37	29	8	18	16	2	21	18	3
Fingal	17	14	3	10	6	4	19	17	2	19	17	2
Dun Laoghaire Rathdown	16	9	7	10	8	2	18	15	3	17	13	4
Kildare	24	16	8	27	24	3	18	14	4	20	16	4
Kilkenny	12	11	1	14	11	3	8	6	2	10	9	1
Laois	10	9	1	13	10	3	18	16	2	8	6	2
Longford	3	3	-	2	2	-	4	3	1	4	2	2
Louth	21	19	2	14	13	1	17	13	4	16	13	3
Meath	18	14	4	14	13	1	10	9	1	21	17	4
Offaly	12	10	2	10	9	1	15	10	5	12	9	3
Westmeath	9	9	-	12	10	2	13	12	1	11	7	4
Wexford	33	26	7	29	24	5	16	14	2	19	13	6
Wicklow	10	8	2	17	13	4	15	13	2	15	12	3
MUNSTER	174	152	22	184	151	33	157	129	28	198	163	35
Clare	15	11	4	13	12	1	8	7	1	18	13	5
Cork City	27	22	5	16	13	3	22	16	6	26	21	5
Cork County	37	31	6	62	52	10	44	34	10	54	45	9
Kerry	32	32	-	26	18	8	24	19	5	29	24	5
Limerick City	15	12	3	13	10	3	8	8	-	7	6	1
Limerick County	19	16	3	18	15	3	19	17	2	17	14	3
North Tipperary	5	5	-	10	8	2	6	6	-	15	14	1
South Tipperary	13	12	1	12	10	2	13	11	2	14	11	3
Waterford City	4	4	-	7	7	-	4	3	1	9	8	1
Waterford County	7	7	-	7	6	1	9	8	1	9	7	2
CONNACHT	70	55	15	72	57	15	70	58	12	60	51	9
Galway City	3	2	1	13	10	3	5	4	1	6	6	-
Galway County	25	20	5	24	17	7	22	18	4	22	19	3
Leitrim	3	2	1	6	4	2	6	5	1	4	3	1
Mayo	25	22	3	17	16	1	18	16	2	17	14	3
Roscommon	7	5	2	5	4	1	10	8	2	5	3	2
Sligo	7	4	3	7	6	1	9	7	2	6	6	-
ULSTER (PART OF)	31	27	4	25	21	4	21	18	3	33	29	4
Cavan	7	7	-	8	7	1	7	6	1	7	6	1
Donegal	12	12	-	13	10	3	6	5	1	19	17	2
Monaghan	12	8	4	4	4	-	8	7	1	7	6	1
REGIONAL AUTHORITIES:												
Border	62	52	10	52	44	8	53	43	10	59	51	8
Midland	34	31	3	37	31	6	50	41	9	35	24	11
West	60	49	11	59	47	12	55	46	9	50	42	8
Dublin	109	81	28	114	93	21	106	83	23	119	91	28
Mid-East	52	38	14	58	50	8	43	36	7	56	45	11
Mid-West	54	44	10	54	45	9	41	38	3	57	47	10
South-East	74	65	9	76	65	11	57	49	8	67	53	14
South-West	96	85	11	104	83	21	90	69	21	109	90	19

Chapter 4

Infant Mortality, Stillbirths and Maternal Mortality 2012

Infant mortality

During the year 2012 there were 237 deaths of infants under one year, compared to 262 in 2011. The infant mortality rate, which was 3.5 per 1,000 births in 2011, decreased to 3.3 in 2012. See *tables 4.1, 4.2 and 4.3*.

Table I Infant mortality rates in Ireland* and neighbouring countries, 1941-2012

Period	Deaths of infants under 1 year per 1,000 live births			
	Ireland	Northern Ireland	England and Wales	Scotland
1941-1950 ¹	66	60	43	57
1951-1960 ¹	37	32	25	30
1961-1970 ¹	25	25	19	23
1971-1980 ¹	16	19	15	16
1981-1990 ¹	9	10	9	9
1991-2000 ¹	6	6	6	6
2001-2010 ¹	4	5	5	5
1998	6	6	6	6
1999	6	6	6	5
2000	6	5	6	6
2001	6	6	5	6
2002	5	5	5	5
2003	5	5	5	5
2004	5	5	5	5
2005	4	6	5	5
2006	4	5	5	5
2007	3	5	5	5
2008	4	5	5	4
2009	3	5	5	4
2010	4	6	4	4
2011	4	4	4	4
2012	3	4	4	4

¹ Decennial average.

* Exclusive of Northern Ireland.

Infant mortality rates in the EU-27

Ireland, together with France and Cyprus, had an infant mortality rate of 3.5 per 1,000 live births. Romania had the highest rate at 9.0 infant deaths per 1,000 live births. Slovenia had the lowest rate, 1.6 per 1,000 live births. See *table II*.

Table II Infant mortality rates in per 1,000 live births in the European Union, 2012

Area of residence	Infant mortality rate per 1,000	Area of residence	Infant mortality rate per 1,000
Belgium	3.8	Luxembourg	2.5
Bulgaria	7.8	Hungary	4.9
Czech Republic	2.6	Malta	5.3
Denmark	3.4	Netherlands	3.7
Germany	3.3	Austria	3.2
Estonia	3.6	Poland	4.6
Ireland	3.5	Portugal	3.4
Greece	2.9	Romania	9.0
Spain	3.1	Slovenia	1.6
France	3.5	Slovakia	5.8
Italy	2.9	Finland	2.4
Cyprus	3.5	Sweden	2.6
Latvia	6.3	United Kingdom	4.1
Lithuania	3.9		

Source: Eurostat

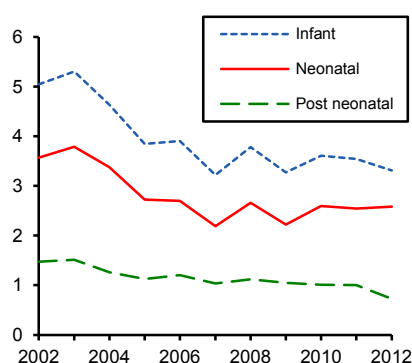
Infant Mortality by detailed age

Over a third (34.2%) of all infant deaths occurred within the first day of birth and over 61% occurred within the first week.

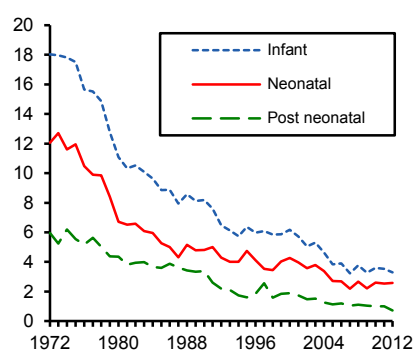
There were 185 neonatal deaths (deaths of infants under 4 weeks) in 2012, an decrease of 3 on the 2011 figure. The neonatal mortality rate of 2.6 per 1,000 live births was 0.1 greater than the 2011 figure. See *tables 4.2, 4.3 and 4.6*.

Table III shows infant deaths by detailed age.

Infant and neonatal mortality rates per 1,000 live births, 2002-2012



Infant and neonatal mortality rates per 1,000 live births, 1972-2012



Infant Mortality by cause

Certain conditions originating in the perinatal period accounted for 46.8% of infant deaths in 2012. Congenital malformations, deformations and chromosomal abnormalities accounted for a further 39.2%, sudden infant death syndrome accounted for 8.4%. Diseases of the nervous system and sense organs accounted for 1.7%, and all other causes at 3.8% accounted for the remainder. See *table 4.6*.

For infant deaths occurring in the first day of life, the causes of death were split between certain conditions originating in the perinatal period (58%) and congenital malformations, deformations and chromosomal abnormalities (41%) with sudden infant death syndrome accounting for the remainder. See *table 4.6*.

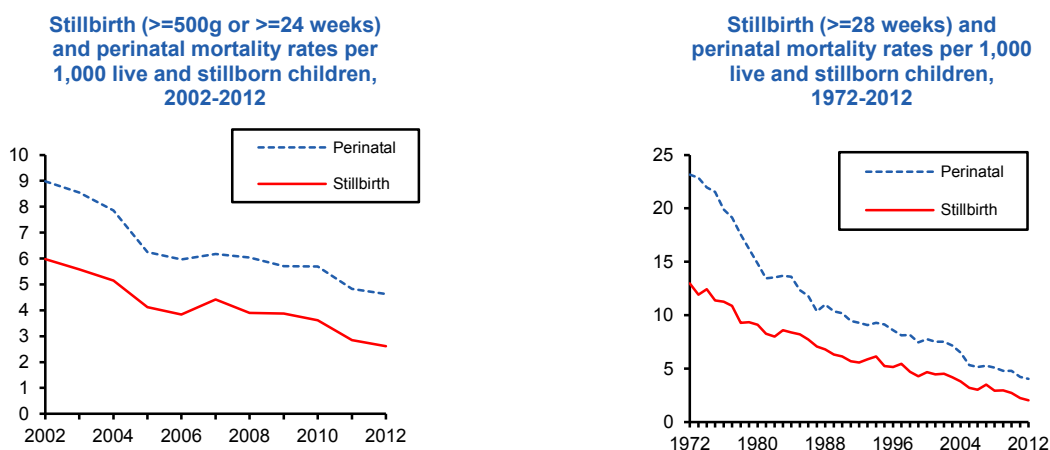
North Tipperary had the highest rate for infant mortality in 2012 with a rate of 9.6 per 1,000 births. The lowest rate occurred in South Tipperary with no recorded occurrences in 2012. See *table 4.3*.

Table III Infant deaths during 2012 by detailed age

	Total	Male	Female
Total under 1 year	237	115	122
Under 30 mins	24	11	13
30 mins and under 1 day	57	29	28
Total under 1 day	81	40	41
1 day	19	10	9
2 days	16	8	8
3 days	8	4	4
4 days	12	5	7
5 days	2	1	1
6 days	7	4	3
Total under 7 days	145	72	73
7-13 days	23	9	14
14-20 days	7	5	2
21-27 days	10	4	6
Total under 4 weeks	185	90	95
4 weeks and under 2 months	17	7	10
2 months	9	6	3
3 months	7	4	3
4 months	3	1	2
5 months	5	3	2
6 months	3	1	2
7 months	1	-	1
8 months	2	2	-
9 months	2	-	2
10 months	2	-	2
11 months	1	1	-

Stillbirths

The number of stillbirths in 2012 was 188, a decrease of 23 on 2011 total of 211. The corresponding rate decrease was from 2.8 in 2011 to 2.6 in 2012.



For stillbirths, the highest rate per 1,000 live births was in Longford (6.2). There were no registered stillbirths in 2012 for Carlow, Laois, Waterford City and Cavan. See table 4.3.

In 2012, stillbirths classified as being due to certain conditions originating in the perinatal period accounted for 84.6% of the stillbirths and 15.4% were due to congenital malformations, deformations and chromosomal abnormalities. See table 4.10a.

While statistics of infant mortality are obtained in the course of the usual procedure for registration of deaths, which has been in operation since 1863, particulars of late foetal mortality have been obtained through a scheme of notification to the Directors of Community Care. The scheme of notifying late foetal deaths was introduced in 1957, but comparisons between different areas of the country showed marked differences in the coverage of the scheme in the early years. Consequently, the number of late foetal deaths in the early years of the scheme is believed to be understated.

In 1995 stillbirths were registered in Ireland for the first time under the Stillbirths Registration Act, 1994. The definition of a stillbirth under the Act is broader than the definition used for late foetal deaths in previous Vital Statistics Reports. Care should be taken in comparing statistics on stillbirths and late foetal deaths in consideration of the changes between the notification and registration systems.

The National Perinatal Reporting System (NPRS):

<http://higa.ie/healthcare/health-information/data-collections/online-catalogue/national-perinatal-reporting-system> also produces statistics on stillbirths, which can be compared to the numbers in these reports. The NPRS figures are derived from birth notification forms, rather than from stillbirths registered. In recent years, the numbers of stillbirths according to NPRS reports have been higher than the numbers published in these reports. This suggests that there is some non-registration of stillbirths and that caution should be taken in interpreting the statistics on stillbirths in these reports.

Pregnancy, childbirth and puerperium

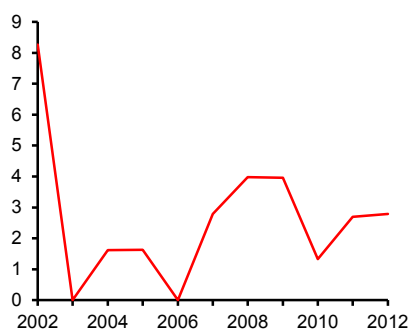
There were 2 maternal deaths in 2012. Table IV compares Ireland and the neighbouring countries for the years 1994-2012.

Table IV Maternal deaths per 100,000 total live and stillbirths, in Ireland¹ and neighbouring countries; 1994-2012

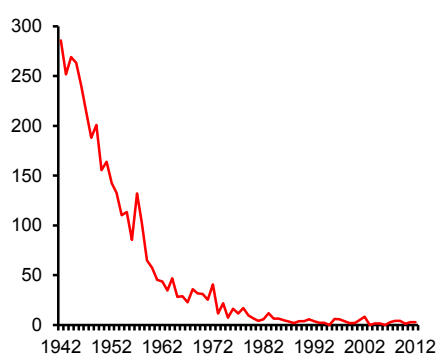
Year	Number of deaths in Ireland ¹	Death rate per 100,000 live and stillbirths			
		Ireland ¹	Northern Ireland	England and Wales	Scotland
1994	1	2	-	7	15
1995	-	-	-	7	10
1996	3	6	4	6	10
1997	3	6	-	4	7
1998	2	4	8	7	9
1999	1	2	-	5	13
2000	1	2	-	6	15
2001	3	5	9	7	11
2002	5	8	5	6	10
2003	-	-	3	7	14
2004	1	2	4	7	11
2005	1	2	5	7	7
2006	-	-	3	6	6
2007	2	3	-	7	14
2008	3	4	-	6	8
2009	3	4	20	9	8
2010	1	1	8	5	5
2011	2	3	16	6	8
2012	2	3	-	6	12

¹ Exclusive of Northern Ireland.

Maternal death rates per 100,000 live births, 2002-2012



Maternal death rates per 100,000 live births, 1942-2012



Stillbirths, Infant Mortality and Maternal Mortality

The terms used in relation to stillbirths and infant mortality are defined as follows:

Stillbirth: Stillbirth weighing 500 grams or more or at gestational age of 24 weeks or more. This definition applies to stillbirth figures from 1995 onwards.

Late foetal death: Foetal death at or over 28 weeks gestation. This definition was applied up to 1994 inclusive.

Early neonatal death: Death at ages under 1 week of live born infant.

Perinatal deaths: Stillbirths or late foetal deaths plus early neonatal deaths.

Late neonatal death: Death between the ages of 1 week and 4 weeks of live born infant.

Neonatal death: Death at ages under 4 weeks of live born infant.

Post neonatal death: Death between the ages of 4 weeks and 1 year of live born infant.

Infant death: Death at ages under 1 year of live born infant.

Maternal Death: A maternal death is the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes.

Stillbirth rate: Stillbirths divided by total live births plus stillbirths, multiplied by 1,000.

Late foetal mortality rate: Late foetal deaths divided by total live births plus late foetal deaths, multiplied by 1,000.

Early neonatal mortality rate: Early neonatal deaths divided by total live births, multiplied by 1,000.

Perinatal mortality rate: Perinatal deaths divided by total live births plus stillbirths, multiplied by 1,000.

Late neonatal mortality rate: Late neonatal deaths divided by total live births, multiplied by 1,000.

Neonatal mortality rate: Neonatal deaths divided by total live births, multiplied by 1,000.

Post neonatal mortality rate: Post neonatal deaths divided by total live births, multiplied by 1,000.

Infant mortality rate: Infant deaths divided by total live births, multiplied by 1,000.

Maternal death rate: Maternal deaths divided by total live and stillbirths multiplied by 100,000

Tables

Table 4.1 Live births, stillbirths and infant mortality, 1957 to 2012

Year	Live births	Population ⁴	Stillbirths ⁵		Perinatal deaths	Neonatal deaths				Infant deaths	
						Early	Late	Total	Post		
Persons											
1957-60 ¹	60,419	2,854	1,321	-	2,316	-	995	321	1,316	644	1,960
1961-70 ²	62,417	2,881	1,060	-	1,890	-	830	206	1,036	514	1,550
1971-80 ²	69,439	3,196	780	-	1,398	-	618	113	731	369	1,100
1981-90 ²	61,628	3,513	475	-	758	-	283	58	341	228	569
1991-00 ²	51,627	3,637	-	(272)	-	(490)	174	44	218	103	322
2001-10 ²	66,595	4,211	307	(232)	464	(389)	157	39	195	82	277
2003	61,529	3,980	345	(258)	529	(442)	184	49	233	93	326
2004	61,972	4,045	321	(236)	489	(404)	168	41	209	78	287
2005	61,372	4,134	254	(197)	385	(328)	131	36	167	69	236
2006	65,425	4,240	252	(198)	392	(338)	140	39	179	76	255
2007	71,389	4,376	317	(250)	443	(376)	126	30	156	74	230
2008	75,173	4,485	294	(221)	456	(383)	162	38	200	84	284
2009	75,554	4,533	294	(224)	433	(363)	139	29	168	79	247
2010	75,174	4,555	273	(205)	429	(361)	156	39	195	76	271
2011	74,033	4,575	211	(166)	358	(313)	147	41	188	74	262
2012	71,674	4,585	188	(145)	333	(290)	145	40	185	52	237
Males											
1957-60 ¹	30,915	1,439	-	-	-	-	579	188	767	372	1,139
1961-70 ²	32,053	1,448	475 ³	-	891 ³	-	470	118	588	291	879
1971-80 ²	35,715	1,606	380	-	740	-	360	63	423	205	629
1981-90 ²	31,747	1,756	246	-	407	-	161	32	193	129	322
1991-00 ²	26,615	1,807	-	(145)	-	(245)	100	21	124	60	184
2001-10 ²	34,145	2,098	159	(117)	246	(205)	88	20	108	47	154
2003	31,455	1,977	181	(139)	297	(255)	116	24	140	53	193
2004	31,966	2,012	171	(120)	262	(211)	91	19	110	43	153
2005	31,489	2,062	153	(120)	209	(176)	56	19	75	35	110
2006	33,655	2,121	129	(102)	215	(188)	86	18	104	51	155
2007	36,487	2,191	169	(114)	238	(183)	69	13	82	43	125
2008	38,619	2,239	162	(125)	250	(213)	88	22	110	52	162
2009	38,682	2,257	131	(98)	214	(181)	83	16	99	44	144
2010	38,395	2,262	140	(103)	227	(190)	87	21	108	46	154
2011	37,898	2,271	104	(82)	185	(163)	81	30	111	39	150
2012	36,890	2,270	93	(82)	165	(144)	72	18	90	25	115
Females											
1957-60 ¹	29,504	1,415	-	-	-	-	416	133	549	272	821
1961-70 ²	30,364	1,433	471 ³	-	800 ³	-	360	88	448	223	671
1971-80 ²	33,724	1,590	400	-	658	-	258	50	308	164	472
1981-90 ²	29,882	1,758	229	-	351	-	122	26	148	99	247
1991-00 ²	25,012	1,830	-	(127)	-	(202)	74	20	94	44	138
2001-10 ²	32,450	2,113	148	(115)	218	(184)	69	19	88	35	123
2003	30,074	2,003	164	(119)	232	(187)	68	25	93	40	133
2004	30,006	2,033	150	(116)	227	(193)	77	22	99	35	134
2005	29,883	2,072	101	(77)	176	(152)	75	17	92	34	126
2006	31,770	2,119	123	(96)	177	(150)	54	21	75	25	100
2007	34,902	2,185	148	(136)	205	(193)	57	17	74	31	105
2008	36,554	2,247	132	(96)	206	(170)	74	16	90	32	122
2009	36,872	2,276	163	(126)	219	(182)	56	13	69	34	103
2010	36,779	2,293	133	(102)	202	(171)	69	18	87	30	117
2011	36,135	2,304	107	(84)	173	(150)	66	11	77	35	112
2012	34,784	2,316	95	(73)	168	(146)	73	22	95	27	122

¹ 4 year average.² Decennial average.³ 5 year average, 1966-1970.⁴ The population estimates for year ending April 2007 and later periods are based on the usual residences concept.⁵ Figures on stillbirths up to 1994 inclusive refer to the definition of late foetal deaths at or over 28 weeks gestation. From 1995 the figures relate to the new broader definition of stillbirths at or over 500g or at a gestational age of 24 weeks or more. For comparison purposes, figures according to the old definition are given in brackets from 1995 onwards.

Table 4.2 Live birth, stillbirth and infant mortality rates, 1957 to 2012

Year	Live births ⁴	Stillbirths ⁵		Perinatal deaths		Neonatal deaths				Infant deaths
						Early	Late	Total	Post	
Persons										
1957-60 ¹	21.2	21.4	-	37.5	-	16.5	5.3	21.8	10.7	32.4
1961-70 ²	21.7	16.7	-	29.8	-	13.3	3.3	16.6	8.2	24.8
1971-80 ²	21.7	11.1	-	19.9	-	8.9	1.6	10.5	5.3	15.8
1981-90 ²	17.5	7.6	-	12.2	-	4.6	0.9	5.5	3.7	9.2
1991-00 ²	14.2	-	(5.3)	-	(9.5)	3.4	0.9	4.2	2.0	6.2
2001-10 ²	15.8	4.6	(3.5)	6.9	(5.8)	2.4	0.6	2.9	1.2	4.2
2003	15.5	5.6	(4.2)	8.5	(7.2)	3.0	0.8	3.8	1.5	5.3
2004	15.3	5.2	(3.8)	7.8	(6.5)	2.7	0.7	3.4	1.3	4.6
2005	14.8	4.1	(3.2)	6.2	(5.3)	2.1	0.6	2.7	1.1	3.8
2006	15.4	3.8	(3.0)	6.0	(5.2)	2.1	0.6	2.7	1.2	3.9
2007	16.3	4.4	(3.5)	6.2	(5.2)	1.8	0.4	2.2	1.0	3.2
2008	16.8	3.9	(2.9)	6.0	(5.1)	2.2	0.5	2.7	1.1	3.8
2009	16.7	3.9	(3.0)	5.7	(4.8)	1.8	0.4	2.2	1.0	3.3
2010	16.5	3.6	(2.7)	5.7	(4.8)	2.1	0.5	2.6	1.0	3.6
2011	16.2	2.8	(2.2)	4.8	(4.2)	2.0	0.6	2.5	1.0	3.5
2012	15.6	2.6	(2.0)	4.6	(4.0)	2.0	0.6	2.6	0.7	3.3
Males										
1957-60 ¹	21.5	-	-	-	-	18.7	6.1	24.8	12.0	36.8
1961-70 ²	22.1	14.6 ³	-	27.43	-	14.7	3.6	18.3	9.1	27.4
1971-80 ²	22.2	10.5	-	20.5	-	10.1	1.8	11.9	5.7	17.6
1981-90 ²	18.1	7.7	-	12.7	-	5.1	1.0	6.1	4.1	10.1
1991-00 ²	14.7	-	(5.5)	-	(9.2)	3.8	0.8	4.7	2.3	6.9
2001-10 ²	16.3	4.6	(2.7)	7.2	(6.0)	2.6	0.6	3.2	1.4	4.5
2003	15.9	5.7	(4.4)	9.4	(8.1)	3.7	0.8	4.5	1.7	6.1
2004	15.9	5.3	(3.7)	8.2	(6.6)	2.8	0.6	3.4	1.3	4.8
2005	15.3	4.8	(3.8)	6.6	(5.6)	1.8	0.6	2.4	1.1	3.5
2006	15.9	3.8	(3.0)	6.4	(5.6)	2.6	0.5	3.1	1.5	4.6
2007	16.7	4.6	(4.6)	6.5	(5.0)	1.9	0.4	2.2	1.2	3.4
2008	17.2	4.2	(3.2)	6.4	(5.5)	2.3	0.6	2.8	1.3	4.2
2009	17.1	3.4	(2.5)	5.5	(4.7)	2.1	0.4	2.6	1.1	3.7
2010	17.0	3.6	(3.4)	5.9	(4.9)	2.3	0.5	2.8	1.2	4.0
2011	16.7	2.7	(2.2)	4.9	(4.3)	2.1	0.8	2.9	1.0	4.0
2012	16.3	2.5	(1.9)	4.5	(3.9)	2.0	0.5	2.4	0.7	3.1
Females										
1957-60 ¹	20.9	-	-	-	-	14.1	4.5	18.6	9.2	27.8
1961-70 ²	21.2	15.3 ³	-	26.03	-	11.9	2.9	14.8	7.3	22.1
1971-80 ²	21.2	11.7	-	19.3	-	7.7	1.4	9.1	4.9	14.0
1981-90 ²	17.0	7.6	-	11.6	-	4.1	0.9	5.0	3.3	8.3
1991-00 ²	14.4	-	(5.1)	-	(8.1)	3.0	0.8	3.8	1.8	5.5
2001-10 ²	15.4	4.5	(3.5)	6.7	(5.7)	2.1	0.6	2.7	1.1	3.8
2003	15.0	5.4	(3.9)	7.7	(6.2)	2.3	0.8	3.1	1.3	4.4
2004	14.8	5.0	(3.9)	7.5	(6.4)	2.6	0.7	3.3	1.2	4.5
2005	14.4	3.4	(2.6)	5.9	(5.1)	2.5	0.6	3.1	1.1	4.2
2006	15.0	3.9	(3.0)	5.5	(4.7)	1.7	0.7	2.4	0.8	3.1
2007	16.0	4.2	(3.9)	5.8	(5.5)	1.6	0.5	2.1	0.9	3.0
2008	16.3	3.6	(2.6)	5.6	(4.6)	2.0	0.4	2.5	0.9	3.3
2009	16.2	4.4	(3.4)	5.9	(4.9)	1.5	0.4	1.9	0.9	2.8
2010	16.0	3.6	(2.8)	5.5	(4.6)	1.9	0.5	2.4	0.8	3.2
2011	15.7	3.0	(2.3)	4.8	(4.1)	1.8	0.3	2.1	1.0	3.1
2012	15.0	2.7	(2.1)	4.8	(4.2)	2.1	0.6	2.7	0.8	3.5

¹ 4 year average

² Decennial average

³ 5 year average, 1966-1970

⁴ The population estimates for year ending April 2007 and later periods are based on the usual residences concept.

⁵ Figures on stillbirths up to 1994 inclusive refer to the definition of late foetal deaths at or over 28 weeks gestation. From 1995 the figures relate to the new broader definition of stillbirths at or over 500g or at a gestational age of 24 weeks or more. For comparison purposes, figures according to the old definition are given in brackets from 1995 onwards.

Table 4.3 Stillbirths and infant mortality* 2012 per 1,000 live births

Area of residence	Infant mortality		Neonatal mortality		Stillbirths		Perinatal mortality	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE	237	3.3	185	2.6	188	2.6	333	4.6
LEINSTER	123	3.0	98	2.4	102	2.5	180	4.4
Carlow	2	2.2	2	2.2	-	0.0	1	1.1
Dublin City	27	3.4	20	2.5	20	2.5	35	4.4
South Dublin	18	3.7	14	2.8	12	2.4	25	5.1
Fingal	13	2.3	10	1.8	13	2.3	22	3.9
Dun Laoghaire-Rathdown	2	0.7	2	0.7	8	2.9	10	3.6
Kildare	15	4.1	14	3.8	4	1.1	14	3.8
Kilkenny	4	2.9	3	2.2	4	2.9	7	5.0
Laois	2	1.6	2	1.6	-	0.0	1	0.8
Longford	1	1.5	-	0.0	4	6.2	4	6.2
Louth	2	1.1	1	0.5	4	2.1	5	2.6
Meath	12	3.8	8	2.5	9	2.8	15	4.7
Offaly	2	1.7	2	1.7	5	4.3	6	5.2
Westmeath	7	4.8	7	4.8	2	1.4	8	5.5
Wexford	10	4.5	8	3.6	9	4.0	14	6.3
Wicklow	6	2.7	5	2.2	8	3.6	13	5.8
MUNSTER	71	3.8	51	2.8	53	2.9	89	4.8
Clare	5	2.9	3	1.8	6	3.5	9	5.3
Cork City	7	4.9	6	4.2	5	3.5	9	6.3
Cork County	20	3.0	11	1.7	12	1.8	18	2.7
Kerry	8	4.1	8	4.1	11	5.6	18	9.2
Limerick City	3	3.6	2	2.4	4	4.8	5	6.0
Limerick County	10	4.9	7	3.4	5	2.4	11	5.4
North Tipperary	10	9.6	10	9.6	4	3.8	9	8.6
South Tipperary	-	0.0	-	0.0	4	3.3	4	3.3
Waterford City	4	5.0	2	2.5	-	0.0	2	2.5
Waterford County	4	4.6	2	2.3	2	2.3	4	4.6
CONNACHT	27	3.4	24	3.0	24	3.0	45	5.7
Galway City	4	3.4	2	1.7	3	2.5	5	4.2
Galway County	9	3.3	9	3.3	9	3.3	17	6.2
Leitrim	2	4.4	2	4.4	1	2.2	3	6.6
Mayo	4	2.3	4	2.3	4	2.3	8	4.6
Roscommon	2	2.3	2	2.3	5	5.8	7	8.1
Sligo	6	6.2	5	5.2	2	2.1	5	5.2
ULSTER (Part of)	16	3.9	12	3.0	9	2.2	19	4.7
Cavan	3	2.6	1	0.9	-	0.0	1	0.9
Donegal	11	5.3	10	4.8	5	2.4	13	6.3
Monaghan	2	2.4	1	1.2	4	4.7	5	5.9
REGIONAL AUTHORITIES								
Border	26	3.5	20	2.7	16	2.2	32	4.3
Midland	12	2.7	11	2.4	11	2.4	19	4.2
West	19	2.9	17	2.6	21	3.2	37	5.7
Dublin	60	2.8	46	2.2	53	2.5	92	4.3
Mid-East	33	3.6	27	3.0	21	2.3	42	4.6
Mid-West	28	5.0	22	3.9	19	3.4	34	6.0
South-East	24	3.2	17	2.3	19	2.6	32	4.3
South-West	35	3.5	25	2.5	28	2.8	45	4.5

* For definition see glossary at end of commentary, page 100.

The stillbirth and infant mortality rates in some areas based on small numbers are subject to considerable fluctuation and caution should be exercised in their interpretation, see reference on page 98.

Table 4.4 Infant mortality rates per 1,000 live births by detailed age, 1941 to 2012

Period	Under 24 hours	1-6 days	7-13 days	14-20 days	21 days and under 4 weeks	4 weeks and under 2 months	2 months and under 3 months	3 months and under 6 months	6 months and under 12 months	Total 4 weeks to 1 year
1941-50 ¹	7.0	8.7	4.3	4.2	4.3	8.7	6.9	12.3	9.4	37.3
1951-60 ¹	7.8	8.7	2.7	1.9	1.5	3.6	2.4	4.5	3.6	14.1
1961-70 ¹	7.1	6.2	1.4	1.1	0.8	2.1	1.5	2.7	2.0	8.2
1971-80 ¹	5.1	3.8	0.9	0.4	0.4	1.2	1.0	1.8	1.4	5.3
1981-90 ¹	2.8	1.8	0.5	0.2	0.3	0.7	0.7	1.3	0.9	3.7
1991-00 ¹	2.1	1.3	0.5	0.2	0.2	0.5	0.3	0.7	0.5	2.0
2001-10 ¹	1.5	0.9	0.3	0.2	0.1	0.4	0.2	0.4	0.3	1.2
2000	2.1	1.0	0.6	0.4	0.2	0.5	0.4	0.5	0.5	1.9
2001	1.9	1.2	0.5	0.2	0.2	0.6	0.2	0.6	0.3	1.7
2002	2.1	1.0	0.3	0.2	0.1	0.3	0.3	0.6	0.3	1.5
2003	1.8	1.2	0.4	0.2	0.1	0.3	0.3	0.4	0.4	1.5
2004	1.5	1.2	0.4	0.2	0.1	0.3	0.2	0.5	0.3	1.3
2005	1.3	0.8	0.3	0.1	0.1	0.3	0.2	0.3	0.3	1.1
2006	1.3	0.8	0.3	0.2	0.1	0.3	0.2	0.3	0.3	1.2
2007	1.0	0.8	0.2	0.1	0.1	0.4	0.1	0.2	0.3	1.0
2008	1.3	0.8	0.3	0.1	0.1	0.4	0.1	0.3	0.3	1.1
2009	1.3	0.6	0.2	0.1	0.1	0.3	0.2	0.3	0.3	1.0
2010	1.4	0.6	0.3	0.1	0.1	0.3	0.1	0.4	0.3	1.0
2011	1.2	0.8	0.2	0.2	0.1	0.3	0.2	0.3	0.2	1.0
2012	1.1	0.9	0.3	0.1	0.1	0.2	0.1	0.2	0.2	0.7

¹ Decennial average.**Table 4.5 Comparable¹ stillbirth and perinatal mortality rates in Ireland² and neighbouring countries, 1984-2012**

Year	Stillbirth rate				Perinatal mortality rate			
	Ireland	Northern Ireland	England and Wales	Scotland	Ireland	Northern Ireland	England and Wales	Scotland
1984	(8.4)	(5.8)	(5.7)	(5.8)	(13.6)	(10.8)	(10.1)	(11.0)
1985	(8.2)	(6.4)	(5.5)	(5.5)	(12.3)	(11.1)	(9.8)	(9.8)
1986	(7.7)	(4.4)	(5.3)	(5.8)	(11.8)	(9.5)	(9.6)	(10.2)
1987	(7.1)	(6.1)	(5.0)	(5.1)	(10.4)	(9.8)	(8.9)	(8.9)
1988	(7.0)	(5.0)	(4.9)	(5.4)	(11.3)	(9.3)	(8.7)	(8.9)
1989	(6.3)	(5.1)	(4.7)	(5.0)	(10.4)	(8.2)	(8.3)	(8.7)
1990	(6.1)	(4.4)	(4.6)	(5.3)	(10.2)	(7.6)	(8.1)	(8.7)
1991	(5.7)	(4.7)	(4.6)	(5.5)	(9.5)	(8.4)	(8.0)	(8.6)
1992	(5.5)	(4.6)	(4.3)	(4.9)	(9.3)	(8.0)	(7.6)	(8.5)
1993	(5.9)	(4.1)	(4.4)	(4.8)	(9.1)	(7.7)	(7.6)	(8.0)
1994	(6.1)	(5.2)	(4.4)	(4.5)	(9.3)	(8.6)	(7.6)	(7.4)
1996	6.6 (5.1)	6.2 (4.7)	5.4 (4.0)	6.4 (5.0)	10.0 (8.6)	9.4 (7.8)	8.6 (7.2)	9.2 (7.9)
1997	6.0 (5.4)	5.4 (4.1)	5.3 (3.9)	5.3 (4.1)	9.6 (8.1)	8.6 (7.3)	8.3 (6.9)	7.8 (6.6)
1998	6.0 (4.7)	5.1 (3.7)	5.3 (4.0)	6.1 (4.5)	9.5 (8.1)	8.1 (6.8)	8.2 (6.9)	8.7 (7.2)
1999	5.7 (4.3)	5.7 (4.6)	5.3 (3.8)	5.2 (4.0)	8.9 (7.5)	10.0 (8.8)	8.2 (6.6)	7.6 (6.4)
2000	5.9 (4.7)	4.3 (3.2)	5.3 (3.7)	5.6 (4.0)	9.0 (7.8)	7.4 (6.1)	8.2 (6.7)	8.4 (6.8)
2001	6.1 (4.5)	5.1 (4.0)	5.3 (3.8)	5.7 (4.6)	9.2 (7.5)	8.4 (7.3)	8.0 (6.4)	8.5 (7.4)
2002	6.0 (4.5)	5.7 (4.5)	5.6 (4.1)	5.4 (4.2)	9.0 (7.5)	8.7 (7.6)	8.3 (6.8)	7.6 (6.4)
2003	5.6 (4.2)	5.0 (3.8)	5.8 (4.2)	5.6 (4.5)	8.5 (7.2)	8.0 (6.9)	8.6 (7.0)	8.0 (6.9)
2004	5.2 (3.8)	5.0 (3.5)	5.7 (4.1)	5.8 (4.4)	7.8 (6.5)	8.0 (6.6)	8.4 (6.6)	8.1 (6.7)
2005	4.1 (3.2)	4.0 (3.1)	5.4 (3.8)	5.3 (4.1)	6.2 (5.3)	8.1 (7.2)	8.0 (6.5)	7.7 (6.5)
2006	3.8 (3.0)	3.8 (3.1)	5.4 (3.8)	5.3 (4.0)	6.0 (5.2)	6.9 (6.1)	8.0 (6.5)	7.4 (6.2)
2007	4.4 (3.5)	4.2 (3.1)	5.2 (3.9)	5.6 (4.1)	6.2 (5.2)	6.9 (5.9)	7.7 (6.4)	7.8 (6.4)
2008	3.9 (2.9)	4.5 (3.5)	5.1 (3.8)	5.4 (4.3)	6.0 (5.1)	7.4 (6.5)	7.6 (6.1)	7.4 (6.4)
2009	3.9 (3.0)	4.8 (3.9)	5.2 (3.8)	5.3 (4.0)	5.7 (4.8)	7.8 (7.0)	7.6 (6.2)	7.4 (6.0)
2010	3.6 (2.7)	4.1 (3.4)	5.1 (3.8)	4.9 (3.6)	5.7 (4.8)	7.8 (7.2)	7.4 (6.1)	6.9 (5.6)
2011	2.8 (2.2)	3.6 (2.9)	5.2 (3.9)	5.1 (3.8)	4.8 (4.2)	6.4 (5.7)	7.5 (6.1)	6.9 (5.6)
2012	2.6 (2.0)	4.2 (3.2)	4.9 (3.6)	4.7 (3.7)	4.6 (4.0)	6.4 (5.4)	7.0 (5.8)	6.5 (5.5)

¹ For comparison purposes, the rates in the table are based on foetal deaths at or over 500g or at a gestational age of 24 weeks or more. The rates in brackets refer to foetal deaths at over 28 weeks gestation.² Exclusive of Northern Ireland.

Table 4.6 Infant mortality - deaths under 1 year in 2012, classified by sex, age and cause

ICD-10 code	Cause of death	Sex	Total under 1 year	Under 30 mins	30 mins & under 1 day	Total under 1 day	Total under 7 days	Days			Total under 4 weeks	4 weeks & under 1 Year
								7-13	14-20	21-27		
								A00-Y89	All causes	M		
		F	122	13	28	41	73	14	2	6	95	27
G00-H95	Diseases of the nervous system and the sense organs	M	3	-	-	-	-	-	-	-	-	3
		F	1	-	-	-	-	-	-	-	-	1
	<i>of which:</i>											
G00-G03	Meningitis	M	1	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-
G04-H95	Remainder	M	2	-	-	-	-	-	-	-	-	2
		F	1	-	-	-	-	-	-	-	-	1
P00-P96	Certain conditions originating in the perinatal period	M	52	9	14	23	40	5	3	-	48	4
		F	59	7	17	24	42	6	2	3	53	6
	<i>of which:</i>											
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	M	15	5	6	11	15	-	-	-	15	-
		F	13	3	5	8	12	-	-	1	13	-
P05-P08	Disorders related to length of gestation and fetal growth	M	8	3	4	7	8	-	-	-	8	-
		F	13	2	6	8	12	-	1	-	13	-
P10-P15	Birth Trauma	M	-	-	-	-	-	-	-	-	-	-
		F	2	-	2	2	2	-	-	-	2	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	M	9	1	3	4	8	1	-	-	9	-
		F	9	-	1	1	6	1	-	-	7	2
P35-P39	Infections specific to the perinatal period	M	2	-	1	1	1	-	-	-	1	1
		F	7	-	-	-	1	3	1	-	5	2
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	M	9	-	-	-	7	-	2	-	9	-
		F	3	-	1	1	3	-	-	-	3	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	M	8	-	-	-	-	4	1	-	5	3
		F	4	-	-	-	-	2	-	1	3	1
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	M	1	-	-	-	1	-	-	-	1	-
		F	2	2	-	2	2	-	-	-	2	-
P90-P96	Other disorders originating in the perinatal period	M	-	-	-	-	-	-	-	-	-	-
		F	6	-	2	2	4	-	-	1	5	1
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	M	45	2	15	17	30	3	1	4	38	7
		F	48	5	11	16	30	5	-	2	37	11
	<i>of which:</i>											
Q00-Q07	Congenital malformations of the nervous system	M	4	1	1	2	4	-	-	-	4	-
		F	6	2	2	4	5	1	-	-	6	-

Table 4.6 (continued) Infant mortality - deaths under 1 year in 2012, classified by sex, age and cause

ICD-10 code	Cause of death	Sex	Total under 1 year	Under 30 mins	30 mins & under 1 day	Total under 1 day	Total under 7 days	Days			Total under 4 weeks	4 weeks & under 1 Year
								7-13	14-20	21-27		
Q10-Q18	Congenital malformations of eye, ear, face and neck	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	M	10	-	-	-	3	1	-	3	7	3
		F	12	-	-	-	5	2	-	1	8	4
Q30-Q34	Congenital malformations of the respiratory system	M	1	-	1	1	1	-	-	-	1	-
		F	1	1	-	1	1	-	-	-	1	-
Q35-Q37	Cleft lip and cleft palate	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	M	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	1	-	-	-	1	-
Q50-Q56	Congenital malformations of genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	M	7	1	5	6	7	-	-	-	7	-
		F	6	-	3	3	5	-	-	-	5	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	M	4	-	3	3	3	-	-	-	3	1
		F	3	-	-	-	2	1	-	-	3	-
Q80-Q89	Other congenital malformations	M	6	-	1	1	4	-	-	1	5	1
		F	4	1	1	2	3	1	-	-	4	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	M	13	-	4	4	8	2	1	-	11	2
		F	15	1	5	6	8	-	-	1	9	6
R95	Sudden infant death syndrome	M	10	-	-	-	-	-	-	-	-	10
		F	10	1	-	1	1	2	-	-	3	7
	All other causes	M	5	-	-	-	2	1	1	-	4	1
		F	4	-	-	-	-	1	-	1	2	2

Table 4.7 Infant mortality - deaths under 1 year in 2012, classified by age under 4 weeks, age 4 weeks to one year, sex and cause, assigned to each Province

ICD-10 code	Cause of death	Age	Total		Leinster		Munster		Connacht		Ulster (Part of)	
			M	F	M	F	M	F	M	F	M	F
A00-Y89 All causes		Under 4 weeks	90	95	53	45	20	31	13	11	4	8
		4 weeks to 1 year	25	27	14	11	10	10	-	3	1	3
G00-H95 Diseases of the nervous system and the sense organs		Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	3	1	2	-	1	1	-	-	-	-
G00-G03 Meningitis		Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	1	-	1	-	-	-	-	-	-	-
G04-H95 Remainder of diseases of the nervous system and the sense organs		Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	2	1	1	-	1	1	-	-	-	-
P00-P96 Certain conditions originating in the perinatal period		Under 4 weeks	48	53	32	25	9	16	6	6	1	6
		4 weeks to 1 year	4	6	3	2	1	2	-	1	-	1
P00-P04 Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery		Under 4 weeks	15	13	13	7	1	2	-	1	1	3
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P05-P08 Disorders related to length of gestation and fetal growth		Under 4 weeks	8	13	4	3	1	5	3	3	-	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P10-P15 Birth Trauma		Under 4 weeks	-	2	-	1	-	-	-	1	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P20-P29 Respiratory and cardiovascular disorders specific to the perinatal period		Under 4 weeks	9	7	5	3	3	2	1	1	-	1
		4 weeks to 1 year	-	2	-	-	-	1	-	1	-	-
P35-P39 Infections specific to the perinatal period		Under 4 weeks	1	5	1	5	-	-	-	-	-	-
		4 weeks to 1 year	1	2	1	1	-	1	-	-	-	-
P50-P61 Haemorrhagic & haematological disorders of fetus and newborn		Under 4 weeks	9	3	6	2	1	1	2	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P70-P74 Transitory endocrine and metabolic disorders specific to fetus and newborn		Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P75-P78 Digestive system disorders of fetus and newborn		Under 4 weeks	5	3	2	1	3	2	-	-	-	-
		4 weeks to 1 year	3	1	2	-	1	-	-	-	-	1
P80-P83 Conditions involving the integument and temperature regulation of fetus and newborn		Under 4 weeks	1	2	1	1	-	1	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P90-P96 Other disorders originating in the perinatal period		Under 4 weeks	-	5	-	2	-	3	-	-	-	-
		4 weeks to 1 year	-	1	-	1	-	-	-	-	-	-
Q00-Q99 Congenital malformations, deformations and chromosomal abnormalities		Under 4 weeks	38	37	19	17	11	14	5	4	3	2
		4 weeks to 1 year	7	11	4	4	3	4	-	2	-	1
Q00-Q07 Congenital malformations of the nervous system		Under 4 weeks	4	6	2	2	1	2	1	2	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q10-Q18 Congenital malformations of eye, ear, face and neck		Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q20-Q28 Congenital malformations of the circulatory system		Under 4 weeks	7	8	3	4	4	4	-	-	-	-
		4 weeks to 1 year	3	4	3	2	-	1	-	-	-	1
Q30-Q34 Congenital malformations of the respiratory system		Under 4 weeks	1	1	1	1	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q35-Q37 Cleft lip and cleft palate		Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q38-Q45 Other congenital malformations of the digestive system		Under 4 weeks	-	1	-	-	-	-	-	-	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q50-Q56 Congenital malformations of genital organs		Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q60-Q64 Congenital malformations of the urinary system		Under 4 weeks	7	5	4	2	3	2	-	-	-	1
		4 weeks to 1 year	-	1	-	-	-	1	-	-	-	-
Q65-Q79 Congenital malformations and deformations of the musculoskeletal system		Under 4 weeks	3	3	1	2	1	1	-	-	1	-
		4 weeks to 1 year	1	-	-	-	1	-	-	-	-	-
Q80-Q89 Other congenital malformations		Under 4 weeks	5	4	3	2	2	2	-	-	-	-
		4 weeks to 1 year	1	-	1	-	-	-	-	-	-	-
Q90-Q99 Chromosomal abnormalities, not elsewhere classified		Under 4 weeks	11	9	5	4	-	3	4	2	2	-
		4 weeks to 1 year	2	6	-	2	2	2	-	2	-	-
R95 Sudden infant death syndrome		Under 4 weeks	-	3	-	1	-	1	-	1	-	-
		4 weeks to 1 year	10	7	5	5	4	2	-	-	1	-
All other causes		Under 4 weeks	4	2	2	2	-	-	2	-	-	-
		4 weeks to 1 year	1	2	-	-	1	1	-	-	-	1

Table 4.8 Infant mortality - deaths under 1 year in 2012, classified by sex and cause, assigned to each Regional Authority

ICD-10 code	Cause of death	Border		Midland		West		Dublin		Mid-East		Mid-West		South-East		South-West	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
A00-Y89	All causes	10	16	6	6	8	11	36	24	18	15	9	19	11	13	17	18
G00-H95	Diseases of the nervous system and the sense organs	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	1
	<i>of which:</i>																
G00-G03	Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1
P00-P96	Certain conditions originating in the perinatal period	4	9	3	4	3	6	21	11	8	9	3	8	4	4	6	8
	<i>of which:</i>																
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	1	3	1	1	-	1	9	4	1	2	-	1	2	-	1	1
P05-P08	Disorders related to length of gestation and fetal growth	2	2	-	-	1	3	2	1	2	1	1	2	-	2	-	2
P10-P15	Birth Trauma	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	-	2	1	-	1	1	3	1	1	1	-	1	1	1	2	2
P35-P39	Infections specific to the perinatal period	-	-	-	1	-	-	1	2	1	3	-	-	-	1	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	1	-	1	1	1	-	3	1	2	-	-	1	-	-	1	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	1	-	1	-	-	2	-	1	-	2	1	1	-	2	1
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	-	-	-	-	-	-	-	2	-	1	-	1	-	-	-	2
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	5	5	3	2	3	4	10	8	8	5	4	11	5	6	7	7
	<i>of which:</i>																
Q00-Q07	Congenital malformations of the nervous system	1	1	1	-	-	1	1	1	-	-	1	1	-	1	-	1
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	-	1	1	-	-	-	3	4	1	1	1	4	1	1	3	1
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	-	1	-	1	-	-	3	-	1	1	-	-	1	-	2	3
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	1	-	-	-	-	-	-	2	1	-	1	1	-	-	1	-
Q80-Q89	Other congenital malformations	-	-	-	-	-	-	2	-	2	2	-	1	1	-	1	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	3	1	1	1	3	3	1	1	2	1	1	4	2	3	-	1
R95	Sudden infant death syndrome	1	1	-	-	-	1	3	4	1	1	2	-	1	1	2	2
	All other causes	-	1	-	-	2	-	1	1	1	-	-	-	-	2	1	-

Table 4.9 Infant mortality - deaths under 1 year in 2012, classified by age-group and cause, assigned to each Regional Authority

ICD-10 code	Cause of death	Age	Border	Midland	West	Dublin	Mid-East	Mid-West	South-East	South-West
A00-Y89	All causes	Under 4 weeks	20	11	17	46	27	22	17	25
		4 weeks to 1 year	6	1	2	14	6	6	7	10
G00-H95	Diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	1	-	-	1	2
	<i>of which:</i>									
G00-G03	Meningitis	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	1	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	1	-	-	-	2
P00-P96	Certain conditions originating in the perinatal period	Under 4 weeks	12	7	8	29	15	11	7	12
		4 weeks to 1 year	1	-	1	3	2	-	1	2
	<i>of which:</i>									
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	Under 4 weeks	4	2	1	13	3	1	2	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	4	-	4	3	3	3	2	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	-	-	1	-	1	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	2	1	1	4	2	1	2	3
		4 weeks to 1 year	-	-	1	-	-	-	-	1
P35-P39	Infections specific to the perinatal period	Under 4 weeks	-	1	-	2	3	-	-	-
		4 weeks to 1 year	-	-	-	1	1	-	1	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	1	2	1	4	2	1	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	Under 4 weeks	-	1	-	-	1	3	1	2
		4 weeks to 1 year	1	-	-	2	-	-	-	1
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	1	-	-	1	-	1	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	-	-	-	2	-	1	-	2
		4 weeks to 1 year	-	-	-	-	1	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	Under 4 weeks	8	4	6	14	11	11	9	12
		4 weeks to 1 year	2	1	1	4	2	4	2	2
	<i>of which:</i>									
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	2	1	1	2	-	2	1	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	Under 4 weeks	-	1	-	4	-	4	2	4
		4 weeks to 1 year	1	-	-	3	2	1	-	-
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	-	-	-	-	1	-	1	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	Under 4 weeks	1	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	Under 4 weeks	1	1	-	3	2	-	1	4
		4 weeks to 1 year	-	-	-	-	-	-	-	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	1	-	-	2	1	1	-	1
		4 weeks to 1 year	-	-	-	-	-	1	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	-	-	-	1	4	1	1	2
		4 weeks to 1 year	-	-	-	1	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	3	1	5	2	3	3	3	-
		4 weeks to 1 year	1	1	1	-	-	2	2	1
R95	Sudden infant death syndrome	Under 4 weeks	-	-	1	1	-	-	-	1
		4 weeks to 1 year	2	-	-	6	2	2	2	3
	All other causes	Under 4 weeks	-	-	2	2	1	-	1	-
		4 weeks to 1 year	1	-	-	-	-	-	1	1

Table 4.10a Stillbirths in 2012, classified by sex and cause, and with mention of affecting maternal factors

ICD-10 code	Cause of death	Stillbirths			With maternal factors		
		Total	Male	Female	Total	Male	Female
A00-Y89	All	188	93	95	53	25	28
P00-P96	Certain conditions originating in the perinatal period	159	74	85	47	21	26
	<i>of which :</i>						
P05-P08	Disorders related to length of gestation and fetal growth	52	25	27	6	2	4
P10-P15	Birth Trauma	1	-	1	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	10	7	3	5	4	1
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	1	2	3	1	2
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	1	1	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	-	3	1	-	1
P90-P96	Other disorders in the perinatal period	89	40	49	32	14	18
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	29	19	10	6	4	2
	<i>of which :</i>						
Q00-Q07	Other congenital malformations of the nervous system	5	5	-	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	3	-	1	1	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	1	1	1	-	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	2	1	1	1	1	-
Q80-Q89	Other congenital malformations	1	1	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	8	8	3	2	1

Table 4.10b Stillbirths in 2012, classified by maternal factors

ICD-10 code	Maternal factors of cause of death	Stillbirths		
		Total	Male	Female
A00-Y89	All causes	53	25	28
P00	Fetus and newborn affected by maternal conditions that may be unrelated to present pregnancy	8	5	3
P02	Fetus and newborn affected by complications of placenta, cord and membranes	45	20	25

Table 4.11 Stillbirths in 2012, classified by age of mother, sex of child and period of gestation

Age of mother	Sex of child	Period of gestation (weeks)					
		Total	Under 28	28-31	32-35	36-39	40 weeks and over
Total	Males	93	21	15	24	22	11
	Females	95	22	14	10	31	18
Under 20	Males	2	-	1	1	-	-
	Females	2	-	1	-	1	-
20-24	Males	9	3	-	3	2	1
	Females	10	2	1	4	-	3
25-29	Males	14	3	3	4	2	2
	Females	17	7	4	-	4	2
30-34	Males	25	2	8	3	8	4
	Females	26	4	3	3	11	5
35-39	Males	36	11	2	12	8	3
	Females	30	6	2	2	15	5
40 and over	Males	7	2	1	1	2	1
	Females	9	2	3	1	-	3
Not stated	Males	-	-	-	-	-	-
	Females	1	1	-	-	-	-

Table 4.12 Stillbirths in 2012, classified by age of mother and number of previous live and stillborn children

Previous children	Age of mother at maternity							
	Total	Under 20	20-24	25-29	30-34	35-39	40 and over	Not stated
Number of previous children								
Total	188	4	19	31	51	66	16	1
0	86	4	14	14	26	21	6	1
1	50	-	4	8	17	18	3	-
2	25	-	1	7	4	11	2	-
3	18	-	-	-	3	11	4	-
4 or 5	9	-	-	2	1	5	1	-
6 or more	-	-	-	-	-	-	-	-

Table 4.13 Stillbirths in 2012, classified by cause and period of gestation

ICD-10 codes	Cause of death	Period of gestation					
		Total	Under 28	28-31	32-35	36-39	40 & over
A00-Y89	All causes	188	43	29	34	53	29
P00-P96	Certain conditions originating in the perinatal period	159	36	23	26	47	27
	<i>of which:</i>						
P05-P08	Disorders related to length of gestation and fetal growth	52	20	7	14	8	3
P10-P15	Birth Trauma	1	1	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	10	-	1	2	5	2
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	1	1	1	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	1	-	-	-	1	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	3	-	-	-	-
P90-P96	Other disorders in the perinatal period	89	11	14	9	33	22
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	29	7	6	8	6	2
	<i>of which:</i>						
Q00-Q07	Other congenital malformations of the nervous system	5	1	1	3	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	1	1	1	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	-	1	-	1	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	2	-	1	1	-	-
Q80-Q89	Other congenital malformations	1	-	1	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	6	1	3	4	2

Table 4.14 Stillbirths in 2012, classified by cause and number of previous children

ICD-10 codes	Cause of death	Number of previous children						
		Total	0	1	2	3	4 or 5	6 or more
A00-Y89	All causes	188	86	50	25	18	9	-
P00-P96	Certain conditions originating in the perinatal period	159	74	38	22	16	9	-
	of which:							
P05-P08	Disorders related to length of gestation and fetal growth	52	28	12	7	4	1	-
P10-P15	Birth Trauma	1	1	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	10	5	2	2	1	-	-
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	1	-	2	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	1	-	1	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	2	-	-	1	-	-
P90-P96	Other disorders in the perinatal period	89	37	23	11	10	8	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	29	12	12	3	2	-	-
	of which:							
Q00-Q07	Other congenital malformations of the nervous system system	5	5	-	-	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	1	2	-	-	-	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	2	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	2	-	2	-	-	-	-
Q80-Q89	Other congenital malformations	1	1	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	3	8	3	2	-	-

Table 4.15 Stillbirths in 2012, classified by cause and age of mother at maternity

ICD-10 codes	Cause of death	Age of mother at maternity							
		Total	Under 20	20-24	25-29	30-34	35-39	40 & over	Not stated
A00-Y89	All causes	188	4	19	31	51	66	16	1
P00-P96	Certain conditions originating in the perinatal period	159	3	19	28	43	52	13	1
	<i>of which:</i>								
P05-P08	Disorders related to length of gestation and fetal growth	52	-	9	10	13	16	4	-
P10-P15	Birth Trauma	1	-	-	-	-	-	-	1
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	10	-	-	-	7	3	-	-
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	-	-	1	1	1	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	1	-	-	-	-	-	1	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	-	1	-	1	1	-	-
P90-P96	Other disorders in the perinatal period	89	3	9	17	21	31	8	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	29	1	-	3	8	14	3	-
	<i>of which:</i>								
Q00-Q07	Other congenital malformations of the nervous system	5	1	-	-	2	2	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	-	-	1	2	-	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	-	-	-	1	1	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	2	-	-	1	-	1	-	-
Q80-Q89	Other congenital malformations	1	-	-	-	-	1	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	-	-	2	4	7	3	-

Table 4.16 Stillbirths in 2012, classified by cause and birthweight

ICD-10 codes	Cause of death	Birthweight (grams)								
		Total	Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000 & over
A00-Y89	All causes	188	65	17	19	23	18	22	21	3
P00-P96	Certain conditions originating in the perinatal period	159	50	14	15	18	17	21	21	3
	<i>of which:</i>									
P05-P08	Disorders related to length of gestation and fetal growth	52	26	7	8	9	1	1	-	-
P10-P15	Birth Trauma	1	1	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	10	-	1	-	2	1	4	2	-
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	2	-	-	1	-	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	1	-	-	-	-	-	1	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation regulation of fetus and newborn	3	2	1	-	-	-	-	-	-
P90-P96	Other disorders in the perinatal period	89	19	5	7	6	15	15	19	3
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	29	15	3	4	5	1	1	-	-
	<i>of which:</i>									
Q00-Q07	Other congenital malformations of the nervous system	5	2	1	1	1	-	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	1	1	-	1	-	-	-	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	2	1	-	1	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	2	1	-	1	-	-	-	-	-
Q80-Q89	Other congenital malformations	1	-	1	-	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	10	-	1	3	1	1	-	-

Appendix

Table A Deaths which were registered on the authority* of the Superintendent Registrars in 2012, classified by underlying cause of death, sex and age-group

ICD 10 code	Underlying cause of death	Sex	Age at death																			
			0-0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 & over	All ages
A00-Y89	All causes	M	13	1	2	1	10	25	29	24	12	15	13	15	12	21	17	19	23	30	45	327
		F	17	2	2	-	4	5	5	5	5	6	1	6	8	12	7	12	25	26	80	228
A00-B99	I Infectious and parasitic diseases	M	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	3
		F	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2
C00-D48	II Neoplasms	M	-	-	1	-	-	-	-	1	-	-	1	1	2	4	5	3	4	3	3	28
		F	-	1	-	-	-	-	-	-	-	-	-	3	5	7	2	4	3	5	7	37
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
F00-F99	V Mental and behavioural disorders	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	6
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	4
G00-G99	VI Diseases of the nervous system	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	3
		F	-	-	1	-	-	1	1	-	1	-	-	-	1	-	-	-	2	1	5	13
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	1	1	-	-	-	-	-	1	-	3	1	5	5	7	4	6	9	15	18	76
		F	-	-	-	-	1	-	-	1	-	2	1	-	-	3	3	3	11	9	30	64
J00-J99	X Diseases of the respiratory system	M	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	2	4	5	9	23
		F	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	5	15	25
K00-K93	XI Diseases of the digestive system	M	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	-	-	-	4
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	4
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	2
N00-N99	XIV Diseases of genitourinary system	M	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	3	6
		F	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	5	7
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
		F	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	2
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	-	-	-	-	1	-	-	-	1	-	-	-	-	-	2	-	-	6	11
		F	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	10	16
V01-Y89	XX External causes of injury and poisoning	M	1	-	1	1	10	23	28	21	11	9	9	8	5	7	5	4	2	3	2	150
		F	-	-	1	-	3	4	4	4	3	3	-	2	2	1	2	3	2	3	3	40

* See definition on page 8 - "issue of authority of the Superintendent Registrars".

Table B Deaths which were registered on the authority* of the Superintendent Registrars in 2012, classified by underlying cause of death, sex and year of occurrence

ICD 10 code	Underlying cause of death	Sex	Age at death										2001 & earlier	Total
			2010	2009	2008	2007	2006	2005	2004	2003	2002			
A00-Y89	All causes	M	122	58	22	17	13	10	5	5	5	70	327	
		F	84	21	13	16	6	6	2	4	5	71	228	
A00-B99	I Infectious and parasitic diseases	M	2	1	-	-	-	-	-	-	-	-	3	
		F	1	-	-	-	-	-	-	-	-	1	2	
C00-D48	II Neoplasms	M	8	1	-	-	3	-	-	1	1	14	28	
		F	12	1	4	3	3	2	1	2	2	7	37	
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	-	-	-	1	-	-	-	-	1	
		F	-	-	-	-	-	-	-	-	-	-	-	
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	-	1	-	-	-	-	1	-	-	-	2	
		F	-	-	-	-	-	-	-	-	-	1	1	
F00-F99	V Mental and behavioural disorders	M	4	1	1	-	-	-	-	-	-	-	6	
		F	1	1	1	-	1	-	-	-	-	-	4	
G00-G99	VI Diseases of the nervous system	M	1	-	1	-	-	-	-	-	-	1	3	
		F	4	2	-	2	-	1	-	-	-	4	13	
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	
I00-I99	IX Diseases of the circulatory system	M	18	10	5	3	4	1	2	1	1	31	76	
		F	18	7	4	5	1	2	-	-	3	24	64	
J00-J99	X Diseases of the respiratory system	M	2	1	5	3	2	1	1	2	1	5	23	
		F	10	2	1	2	1	1	-	1	-	7	25	
K00-K93	XI Diseases of the digestive system	M	3	-	-	-	1	-	-	-	-	-	4	
		F	2	1	-	-	-	-	-	-	-	1	4	
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	1	
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	1	-	-	-	-	-	-	-	-	1	2	
		F	1	-	-	-	-	-	-	-	-	1	2	
N00-N99	XIV Diseases of genitourinary system	M	1	1	1	2	-	-	-	-	-	1	6	
		F	3	1	-	2	-	-	-	-	-	1	7	
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	
P00-P96	XVI Certain conditions originating in the perinatal period	M	4	1	1	-	-	-	-	-	1	3	10	
		F	3	1	-	-	-	-	-	-	-	7	11	
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	1	-	-	-	-	1	-	-	-	-	2	
		F	-	-	-	-	-	-	-	-	-	1	1	
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	2	-	-	-	1	-	-	-	-	8	11	
		F	1	-	-	1	-	-	-	-	-	14	16	
V01-Y89	XX External causes of injury and poisoning	M	75	41	8	9	2	6	1	1	1	6	150	
		F	27	5	3	1	-	-	1	1	-	2	40	

* See definition on page 8 - "issue of authority of the Superintendent Registrars".

Table C Deaths from accidents, poisoning and violence, which were registered on the authority* of the Superintendent Registrars in 2012, classified by sex and age-group

ICD 10 code	Underlying cause of death	Sex	Age at death																			
			0-0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 & over	All ages
V01-Y89	XX External causes of injury and poisoning	M	1	-	1	1	10	23	28	21	11	9	9	8	5	7	5	4	2	3	2	150
		F	-	-	1	-	3	4	4	4	3	3	-	2	2	1	2	3	2	3	3	40
V01-X59	Accidents	M	-	-	1	-	7	15	12	10	6	4	6	2	4	3	3	2	1	2	2	80
		F	-	-	1	-	-	2	3	2	2	1	-	2	2	1	1	2	2	3	3	27
X60-X84	Intentional self-harm	M	-	-	-	-	1	1	6	2	2	3	1	3	-	2	1	1	-	-	-	23
		F	-	-	-	-	3	1	1	2	1	1	-	-	-	-	1	-	-	-	-	10
X85-Y09	Assault	M	1	-	-	-	2	7	9	7	2	2	2	3	1	2	-	1	1	1	-	41
		F	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Y10-Y34	Events of undetermined intent	M	-	-	-	1	-	-	1	2	1	-	-	-	-	-	1	-	-	-	-	6
		F	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Y40-Y89	All other external causes	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1

* See definition on page 8 - "issue of authority of the Superintendent Registrars".

Table D Deaths from accidents, poisoning and violence, which were registered on the authority* of the Superintendent Registrars in 2012, classified by sex and year of occurrence

ICD 10 code	Underlying cause of death	Sex	Age at death								2003 & earlier	Total
			2010	2009	2008	2007	28-Jun	2005	2004			
V01-Y89	XX External causes of injury and poisoning	M	75	41	8	9	2	6	1	8	150	
		F	27	5	3	1	-	-	1	3	40	
V01-X59	Accidents	M	50	19	4	3	1	-	1	2	80	
		F	18	4	2	1	-	-	1	1	27	
X60-X84	Intentional self-harm	M	15	5	-	-	1	-	-	2	23	
		F	8	1	1	-	-	-	-	-	10	
X85-Y09	Assault	M	6	15	4	6	-	6	-	4	41	
		F	-	-	-	-	-	-	-	1	1	
Y10-Y34	Events of undetermined intent	M	4	2	-	-	-	-	-	-	6	
		F	1	-	-	-	-	-	-	-	1	
Y40-Y89	All other external causes	M	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	1	1	

* See definition on page 8 - "issue of authority of the Superintendent Registrars".

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.
EU-15 and EU-27 countries	
	EU-15 Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden and the United Kingdom.
	EU-27 EU-15 plus Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia, Slovenia, Bulgaria and Romania..
Future Annual Reports on Vital Statistics	All future Reports on Vital Statistics will be available in electronic format only. Report on Vital Statistics 2013 will be the first of these, and is scheduled for publication in November 2015.

