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Central Statistics Office

Report on Vital Statistics

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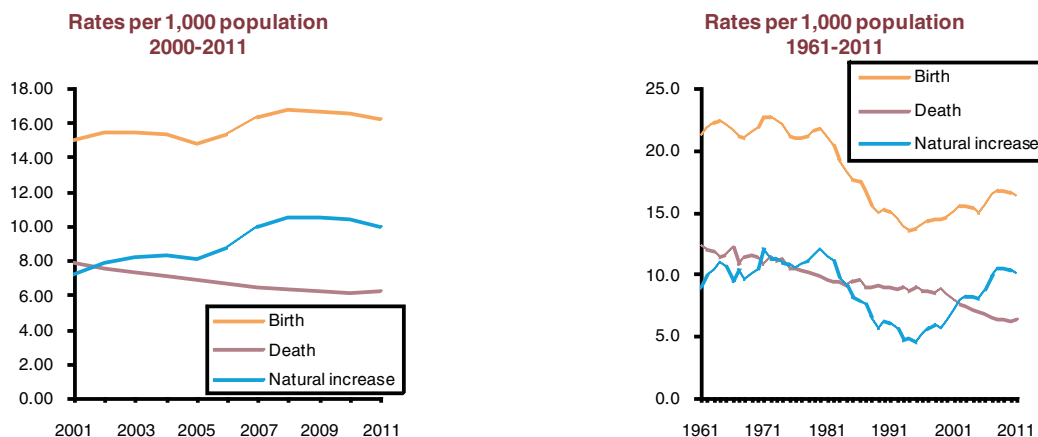
Chapter 1

General Summary 2011

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 2011. The year of occurrence data have been compiled from registration data for 2011 and 2012.

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 This act was subsequently superseded by the Civil Registration Act 2004 (part 3 refers).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 74,033 children born in Ireland during 2011, down 1,141 or 1.5% from 2010. Excluding, 2008, 2009 and 2010 the number of births in 2011 is the highest since 1980.

The birth rate was 16.2 per 1,000 of the population compared with 16.5 in 2010 and 15.0 in 2001.

The total period fertility rate (TPFR), or the average number of children per woman, was 2.02 in 2011, 0.04 lower than 2010, 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 continues to have the highest fertility rate of the 27 EU member states in 2010 at 2.02 children per woman.

In 2011, there were 26,764 babies born to women aged 30 to 34, the highest number of all 5 year age-groups representing over a third of all births (36.2%).

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 22.2% of births in 2011 were to mothers of non-Irish nationality.

The number of births outside marriage/civil partnership that occurred in 2011 was 25,091 or 33.9% of all births. See *Chapter 2*.

In 2011, Thursday 29th September 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 8th May (113).

Deaths: There were 28,456 deaths in Ireland in 2011, of which 14,492 were males and 13,964 were females. This is equivalent to a rate of 6.22 deaths per 1,000 total population compared with 6.14 in 2010 and 7.85 in 2001. 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 76% of the 28,456 deaths in 2011.

Diseases of the circulatory system accounted for 32.5% of deaths, neoplasms 31.2% and diseases of the respiratory system 12.1% in 2011.

Ranked in order, the other seven leading causes of death were external causes of injury and poisoning, diseases of the nervous system, diseases of the digestive system, mental and behavioural disorders, diseases of the genitourinary system, endocrine, nutritional and metabolic diseases, and infectious and parasitic diseases.

The leading causes of death varied widely by age group in 2011. 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 2011 the number of deaths of infants under one year of age was 262 compared with 271 in 2010. The corresponding rate decreased from 3.6 to 3.5 per 1,000 live births. See *Chapter 4*.

Stillbirths: The number of stillbirths occurring during 2011 was 211 compared with 273 in 2010. The respective corresponding rates for 2011 and 2010 were 2.8 and 3.6 per 1,000 live and stillborn children. See *Chapter 4*.

Population: The usual residence Population in April 2011 was 4,574,888: 2,270,506 males and 2,304,382 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 2011 and of some deaths where an inquest has been held. The number of such deaths registered in 2011 was 578.

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/px/pxeirestat/statire/SelectTable/Omrade0.asp?Planguage=0> and follow the 'People and Society' theme.

Tables

Table 1.1 Estimated population in thousands in each year 1851 - 2011¹

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				
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				

¹ The 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, 2007 to 2011¹

Sex and Age-group	Persons (thousands) in April of each year				
	2007	2008	2009	2010	2011
Total persons	4,375.8	4,485.1	4,533.4	4,554.8	4,574.9
0 - 4 years	310.5	324.0	335.2	347.0	356.0
5 - 9 years	297.2	306.2	310.7	314.6	319.6
10 - 14 years	276.5	283.1	290.5	296.1	301.0
15 - 19 years	291.4	295.6	294.3	289.4	281.0
20 - 24 years	371.7	373.6	354.4	326.3	298.6
25 - 29 years	399.8	408.3	400.6	381.6	362.9
30 - 34 years	361.3	369.5	374.5	381.2	393.4
35 - 39 years	335.3	348.6	356.3	359.7	363.1
40 - 44 years	308.1	313.6	316.7	321.8	329.3
45 - 49 years	281.2	288.5	295.6	300.9	304.1
50 - 54 years	253.2	258.0	262.3	267.4	273.7
55 - 59 years	227.9	232.6	235.7	239.6	243.4
60 - 64 years	190.7	199.8	207.7	214.0	217.1
65 - 69 years	144.1	149.8	156.6	163.5	172.1
70 - 74 years	119.5	121.7	124.6	127.9	130.1
75 - 79 years	92.5	94.5	96.8	99.1	101.4
80 - 84 years	65.6	65.9	66.9	68.4	69.8
85 years and over	49.4	51.9	54.0	56.1	58.2
Total males	2,191.3	2,238.6	2,257.3	2,262.2	2,270.5
0 - 4 years	159.4	165.9	171.4	177.6	182.0
5 - 9 years	151.9	156.3	158.5	160.8	163.5
10 - 14 years	141.9	145.3	149.2	152.1	154.5
15 - 19 years	147.5	149.6	150.3	147.7	143.7
20 - 24 years	187.6	186.5	173.5	160.1	148.6
25 - 29 years	202.6	204.7	198.4	186.1	175.1
30 - 34 years	184.6	186.9	188.1	189.8	194.9
35 - 39 years	171.3	177.6	180.3	181.0	181.9
40 - 44 years	154.9	157.5	159.5	162.2	165.9
45 - 49 years	141.2	144.5	147.9	149.8	151.3
50 - 54 years	127.4	129.5	131.6	133.7	136.7
55 - 59 years	115.2	117.3	118.7	120.3	121.8
60 - 64 years	96.1	101.0	104.9	107.6	109.2
65 - 69 years	71.9	74.4	78.0	81.5	85.6
70 - 74 years	56.9	58.1	59.8	61.8	62.9
75 - 79 years	40.8	42.4	43.9	45.1	46.3
80 - 84 years	25.0	25.3	26.3	27.3	28.3
85 years and over	15.2	15.9	16.8	17.7	18.4
Total females	2,184.6	2,246.5	2,276.0	2,292.6	2,304.4
0 - 4 years	151.1	158.1	163.8	169.4	174.1
5 - 9 years	145.4	150.0	152.2	153.8	156.2
10 - 14 years	134.6	137.9	141.2	144.0	146.6
15 - 19 years	144.0	146.0	143.9	141.7	137.4
20 - 24 years	184.1	187.1	180.9	166.2	149.9
25 - 29 years	197.2	203.6	202.1	195.6	187.8
30 - 34 years	176.8	182.6	186.4	191.4	198.5
35 - 39 years	164.0	171.0	176.0	178.7	181.2
40 - 44 years	153.2	156.1	157.3	159.6	163.4
45 - 49 years	140.1	143.9	147.7	151.1	152.9
50 - 54 years	125.8	128.5	130.7	133.7	137.1
55 - 59 years	112.7	115.3	117.0	119.3	121.6
60 - 64 years	94.5	98.8	102.8	106.4	107.9
65 - 69 years	72.2	75.4	78.6	82.0	86.5
70 - 74 years	62.6	63.6	64.8	66.2	67.2
75 - 79 years	51.6	52.1	52.9	54.0	55.0
80 - 84 years	40.5	40.5	40.6	41.0	41.5
85 years and over	34.2	36.0	37.2	38.5	39.8

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, 1864-2011¹

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
1998	53,969	14.57	31,563	8.52	22,406	6.05
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

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, 1864-2011

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
1998	27,848	26,121	1,066	16,553	15,010	1,103
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

Table 1.6 Births and deaths by month and quarter of occurrence 2002-2011¹

Period	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Births										
Month ending										
January	4,770	4,979	5,170	4,941	5,074	5,611	6,145	6,219	6,351	6,045
February	4,613	4,552	4,767	4,552	4,774	5,006	5,690	5,605	5,514	5,649
March	5,061	5,239	5,254	5,225	5,428	5,812	6,167	6,316	6,351	6,297
April	4,926	5,121	5,102	4,922	5,100	5,598	6,127	6,230	6,016	5,977
May	5,112	5,405	5,088	5,109	5,585	6,124	6,528	6,308	6,280	6,257
June	4,984	5,199	5,162	5,174	5,556	5,885	6,235	6,388	6,325	6,221
July	5,229	5,453	5,409	5,555	5,652	6,251	6,718	6,727	6,451	6,468
August	5,212	5,171	5,210	5,322	5,862	6,520	6,209	6,362	6,162	6,377
September	5,325	5,289	5,434	5,338	5,837	6,355	6,529	6,439	6,563	6,408
October	5,369	5,296	5,092	5,078	5,622	6,239	6,421	6,361	6,507	6,165
November	4,833	4,793	5,087	5,050	5,520	5,960	5,992	6,181	6,255	5,909
December	5,069	5,032	5,197	5,106	5,415	6,028	6,412	6,418	6,399	6,260
Quarter ending										
March	14,444	14,770	15,191	14,718	15,276	16,429	18,002	18,140	18,216	17,991
June	15,022	15,725	15,352	15,205	16,241	17,607	18,890	18,926	18,621	18,455
September	15,766	15,913	16,053	16,215	17,351	19,126	19,456	19,528	19,176	19,253
December	15,271	15,121	15,376	15,234	16,557	18,227	18,825	18,960	19,161	18,334
Total	60,503	61,529	61,972	61,372	65,425	71,389	75,173	75,554	75,174	74,033
Quarter ending	Equivalent annual birth rate per 1,000 corresponding population									
March	14.7	14.8	15.0	14.2	14.4	15.0	16.1	16.0	16.0	15.7
June	15.3	15.8	15.2	14.7	15.3	16.1	16.8	16.7	16.4	16.1
September	16.1	16.0	15.9	15.7	16.4	17.5	17.4	17.2	16.8	16.8
December	15.6	15.2	15.2	14.7	15.6	16.7	16.8	16.7	16.8	16.0
Total	15.4	15.5	15.3	14.8	15.4	16.3	16.8	16.7	16.5	16.2
Deaths										
Month ending										
January	2,814	2,666	2,893	2,801	2,667	2,652	2,690	3,274	2,931	2,830
February	2,372	2,433	2,466	2,398	2,432	2,545	2,320	2,350	2,293	2,300
March	2,768	2,599	2,542	2,660	2,739	2,578	2,664	2,383	2,385	2,580
April	2,577	2,537	2,383	2,485	2,505	2,399	2,469	2,252	2,240	2,351
May	2,386	2,370	2,284	2,385	2,337	2,177	2,352	2,284	2,306	2,362
June	2,352	2,267	2,245	2,217	2,155	2,207	1,971	2,158	2,220	2,194
July	2,408	2,171	2,198	2,112	2,308	2,228	2,321	2,133	2,044	2,269
August	2,190	2,173	2,187	2,076	2,132	2,205	2,197	2,139	2,070	2,151
September	2,266	2,156	2,118	2,154	2,191	2,079	2,116	2,104	2,138	2,265
October	2,472	2,571	2,409	2,254	2,168	2,266	2,202	2,347	2,341	2,314
November	2,362	2,492	2,343	2,233	2,283	2,197	2,280	2,342	2,280	2,196
December	2,716	2,639	2,597	2,485	2,571	2,584	2,692	2,614	2,713	2,644
Quarter ending										
March	7,954	7,698	7,901	7,859	7,838	7,775	7,674	8,007	7,609	7,710
June	7,315	7,174	6,912	7,087	6,997	6,783	6,792	6,694	6,766	6,907
September	6,864	6,500	6,503	6,342	6,631	6,512	6,634	6,376	6,252	6,685
December	7,550	7,702	7,349	6,972	7,022	7,047	7,174	7,303	7,334	7,154
Total	29,683	29,074	28,665	28,260	28,488	28,117	28,274	28,380	27,961	28,456
Quarter ending	Equivalent annual death rate per 1,000 corresponding population									
March	8.1	7.7	7.8	7.6	7.4	7.1	6.8	7.1	6.7	6.7
June	7.5	7.2	6.8	6.9	6.6	6.2	6.1	5.9	5.9	6.0
September	7.0	6.5	6.4	6.1	6.3	6.0	5.9	5.6	5.5	5.8
December	7.7	7.7	7.3	6.7	6.6	6.4	6.4	6.4	6.4	6.3
Total	7.6	7.3	7.1	6.8	6.7	6.4	6.3	6.3	6.1	6.2

¹ Rates revised from 2007 as population estimates for year ending April 2007 and later periods are based on the usual residences concept.

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	96	71	167	118	129	247	106	108	214
2nd	71	79	150	101	131	232	110	108	218
3rd	86	73	159	115	100	215	122	121	243
4th	101	108	209	114	88	202	108	105	213
5th	118	133	251	73	87	160	83	95	178
6th	130	104	234	75	74	149	67	62	129
7th	115	108	223	97	102	199	103	95	198
8th	74	70	144	95	105	200	105	111	216
9th	66	64	130	112	111	223	108	120	228
10th	104	99	203	126	101	227	109	124	233
11th	112	97	209	109	99	208	119	97	216
12th	103	115	218	87	79	166	85	70	155
13th	114	97	211	68	85	153	72	58	130
14th	100	141	241	113	85	198	109	98	207
15th	89	67	156	127	94	221	112	113	225
16th	53	82	135	98	131	229	106	124	230
17th	117	105	222	120	125	245	92	97	189
18th	135	98	233	96	102	198	113	102	215
19th	108	107	215	91	78	169	79	71	150
20th	110	107	217	76	74	150	60	62	122
21st	98	109	207	106	96	202	122	99	221
22nd	76	84	160	141	105	246	124	121	245
23rd	55	72	127	111	111	222	126	128	254
24th	85	88	173	115	112	227	133	100	233
25th	109	109	218	126	96	222	103	112	215
26th	132	111	243	86	84	170	89	90	179
27th	117	117	234	70	70	140	68	67	135
28th	120	110	230	111	118	229	109	113	222
29th	81	78	159	-	-	-	118	86	204
30th	74	66	140	-	-	-	115	114	229
31st	121	106	227	-	-	-	137	114	251
Total	3,070	2,975	6,045	2,877	2,772	5,649	3,212	3,085	6,297

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	107	110	217	81	89	170	110	108	218
2nd	91	68	159	106	117	223	111	112	223
3rd	78	81	159	117	112	229	83	79	162
4th	103	100	203	136	112	248	80	70	150
5th	121	115	236	134	117	251	91	96	187
6th	142	116	258	99	79	178	131	106	237
7th	125	119	244	65	65	130	123	114	237
8th	109	109	218	105	101	206	115	119	234
9th	69	79	148	131	104	235	149	87	236
10th	68	67	135	116	113	229	76	82	158
11th	109	113	222	122	110	232	71	88	159
12th	119	109	228	116	118	234	107	107	214
13th	106	117	223	90	83	173	121	115	236
14th	130	115	245	71	68	139	118	107	225
15th	103	103	206	116	111	227	160	106	266
16th	90	101	191	101	120	221	123	121	244
17th	69	81	150	106	107	213	95	84	179
18th	123	94	217	93	109	202	89	78	167
19th	130	122	252	117	96	213	101	96	197
20th	128	131	259	79	83	162	123	123	246
21st	136	127	263	96	74	170	110	123	233
22nd	110	132	242	109	85	194	95	130	225
23rd	91	80	171	107	111	218	137	119	256
24th	67	69	136	108	121	229	88	83	171
25th	113	107	220	121	120	241	81	92	173
26th	108	125	233	116	110	226	108	101	209
27th	133	124	257	84	89	173	123	113	236
28th	107	124	231	72	81	153	122	116	238
29th	118	115	233	107	120	227	132	137	269
30th	89	74	163	115	101	216	107	116	223
31st	77	72	149	111	104	215	-	-	-
Total	3,269	3,199	6,468	3,247	3,130	6,377	3,280	3,128	6,408

each month during 2011

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	104	94	198	83	67	150	106	120	226
2nd	93	65	158	86	67	153	115	117	232
3rd	65	53	118	103	98	201	125	102	227
4th	90	117	207	133	114	247	95	83	178
5th	117	110	227	110	130	240	63	58	121
6th	104	114	218	130	116	246	78	73	151
7th	124	96	220	93	71	164	119	122	241
8th	117	99	216	59	54	113	139	119	258
9th	66	76	142	113	79	192	106	100	206
10th	67	89	156	113	105	218	110	113	223
11th	126	98	224	130	119	249	75	80	155
12th	114	113	227	126	115	241	63	90	153
13th	123	95	218	121	114	235	107	89	196
14th	131	116	247	90	83	173	130	115	245
15th	114	91	205	75	60	135	126	125	251
16th	69	71	140	102	102	204	146	111	257
17th	85	66	151	125	112	237	111	104	215
18th	103	97	200	112	119	231	98	72	170
19th	102	125	227	109	127	236	71	75	146
20th	114	110	224	109	114	223	108	97	205
21st	111	124	235	87	78	165	120	114	234
22nd	122	112	234	70	70	140	130	119	249
23rd	94	70	164	97	107	204	135	129	264
24th	76	67	143	113	116	229	104	115	219
25th	92	86	178	113	113	226	78	106	184
26th	109	111	220	103	114	217	71	60	131
27th	137	98	235	108	128	236	135	93	228
28th	116	125	241	87	74	161	122	96	218
29th	131	101	232	66	59	125	123	100	223
30th	92	80	172	132	95	227	115	100	215
31st	-	-	-	126	113	239	-	-	-
Total	3,108	2,869	5,977	3,224	3,033	6,257	3,224	2,997	6,221

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	99	85	184	98	98	196	89	114	203
2nd	65	71	136	116	94	210	121	96	217
3rd	110	102	212	124	105	229	75	75	150
4th	121	114	235	95	114	209	83	65	148
5th	108	127	235	75	87	162	118	116	234
6th	113	107	220	67	64	131	112	109	221
7th	118	147	265	104	90	194	120	113	233
8th	89	82	171	114	98	212	125	110	235
9th	81	63	144	121	92	213	108	118	226
10th	112	112	224	115	113	228	81	82	163
11th	114	125	239	122	124	246	79	73	152
12th	117	108	225	81	86	167	113	111	224
13th	94	115	209	66	87	153	114	115	229
14th	110	114	224	108	85	193	125	139	264
15th	91	72	163	120	95	215	131	137	268
16th	69	70	139	123	91	214	124	119	243
17th	107	105	212	104	120	224	92	86	178
18th	107	101	208	117	106	223	77	63	140
19th	104	120	224	96	77	173	115	113	228
20th	93	111	204	66	60	126	132	122	254
21st	98	124	222	108	70	178	122	125	247
22nd	72	75	147	125	120	245	123	99	222
23rd	72	63	135	105	99	204	114	95	209
24th	104	94	198	106	130	236	62	55	117
25th	125	113	238	109	97	206	70	60	130
26th	119	104	223	87	76	163	78	54	132
27th	119	110	229	76	65	141	86	63	149
28th	115	116	231	103	82	185	120	118	238
29th	90	73	163	110	102	212	107	108	215
30th	77	73	150	111	110	221	127	107	234
31st	81	75	156	-	-	-	78	79	157
Total	3,094	3,071	6,165	3,072	2,837	5,909	3,221	3,039	6,260

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	58	40	98	29	38	67	33	38	71
2nd	37	39	76	42	56	98	43	34	77
3rd	46	55	101	33	43	76	51	50	101
4th	42	51	93	49	35	84	34	40	74
5th	39	50	89	52	39	91	35	37	72
6th	46	46	92	48	51	99	42	42	84
7th	56	47	103	47	28	75	45	38	83
8th	49	53	102	52	38	90	35	44	79
9th	43	50	93	41	49	90	37	47	84
10th	51	53	104	48	37	85	41	28	69
11th	59	56	115	45	45	90	58	33	91
12th	41	53	94	27	40	67	35	35	70
13th	61	55	116	44	31	75	36	48	84
14th	35	46	81	32	41	73	34	44	78
15th	35	44	79	41	42	83	31	60	91
16th	50	45	95	33	35	68	43	45	88
17th	42	40	82	37	51	88	35	39	74
18th	28	42	70	46	46	92	46	45	91
19th	56	42	98	43	36	79	31	37	68
20th	44	46	90	55	50	105	48	44	92
21st	44	53	97	50	37	87	41	46	87
22nd	49	53	102	40	44	84	42	53	95
23rd	47	45	92	36	39	75	28	57	85
24th	39	42	81	46	24	70	39	46	85
25th	39	46	85	33	37	70	35	44	79
26th	54	42	96	48	44	92	42	39	81
27th	35	36	71	40	41	81	36	45	81
28th	41	36	77	33	33	66	50	37	87
29th	62	41	103	-	-	-	38	50	88
30th	45	37	82	-	-	-	50	44	94
31st	40	33	73	-	-	-	45	52	97
Total	1,413	1,417	2,830	1,170	1,130	2,300	1,239	1,341	2,580

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	40	29	69	47	29	76	48	42	90
2nd	35	30	65	33	22	55	43	34	77
3rd	35	35	70	28	31	59	39	41	80
4th	33	47	80	41	30	71	34	43	77
5th	37	37	74	41	29	70	36	36	72
6th	48	33	81	39	46	85	42	36	78
7th	32	32	64	29	45	74	42	37	79
8th	37	43	80	43	34	77	43	47	90
9th	36	37	73	31	29	60	41	38	79
10th	43	37	80	29	36	65	35	34	69
11th	32	34	66	43	40	83	25	35	60
12th	35	45	80	24	31	55	28	41	69
13th	29	42	71	37	40	77	37	18	55
14th	41	34	75	32	19	51	31	29	60
15th	49	47	96	55	34	89	43	31	74
16th	38	29	67	37	38	75	34	34	68
17th	39	33	72	24	29	53	41	32	73
18th	34	34	68	34	41	75	41	40	81
19th	39	37	76	36	41	77	42	29	71
20th	36	34	70	35	34	69	47	35	82
21st	36	35	71	35	28	63	37	33	70
22nd	33	44	77	37	28	65	33	40	73
23rd	36	36	72	42	37	79	36	41	77
24th	45	46	91	37	42	79	37	37	74
25th	28	32	60	28	45	73	43	34	77
26th	39	33	72	42	31	73	32	37	69
27th	33	29	62	24	30	54	38	38	76
28th	42	34	76	42	49	91	48	35	83
29th	35	35	70	38	25	63	43	46	89
30th	43	27	70	30	31	61	51	42	93
31st	40	31	71	29	25	54	-	-	-
Total	1,158	1,111	2,269	1,102	1,049	2,151	1,170	1,095	2,265

each month during 2011

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	33	44	77	37	36	73	33	36	69
2nd	37	30	67	36	41	77	42	39	81
3rd	48	33	81	39	43	82	35	41	76
4th	44	30	74	40	46	86	47	31	78
5th	43	36	79	48	41	89	46	36	82
6th	43	47	90	50	34	84	34	36	70
7th	47	39	86	35	36	71	40	36	76
8th	40	31	71	43	33	76	37	30	67
9th	47	43	90	40	26	66	30	38	68
10th	50	24	74	29	35	64	53	37	90
11th	31	33	64	43	36	79	31	30	61
12th	48	34	82	36	35	71	43	45	88
13th	38	45	83	48	35	83	36	31	67
14th	41	25	66	34	38	72	38	34	72
15th	39	38	77	31	42	73	25	35	60
16th	43	49	92	43	45	88	32	35	67
17th	35	35	70	45	34	79	32	32	64
18th	53	36	89	36	43	79	44	28	72
19th	37	33	70	34	40	74	28	35	63
20th	36	48	84	43	50	93	31	36	67
21st	42	31	73	34	26	60	47	39	86
22nd	45	51	96	40	31	71	39	36	75
23rd	30	33	63	37	36	73	37	40	77
24th	43	29	72	27	37	64	40	30	70
25th	43	35	78	42	33	75	38	27	65
26th	47	32	79	37	34	71	53	40	93
27th	47	40	87	41	49	90	40	40	80
28th	42	38	80	52	34	86	41	32	73
29th	41	33	74	24	42	66	34	32	66
30th	47	36	83	32	37	69	38	33	71
31st	-	-	-	38	40	78	-	-	-
Total	1,260	1,091	2,351	1,194	1,168	2,362	1,144	1,050	2,194

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	38	47	85	37	40	77	52	39	91
2nd	38	38	76	34	45	79	36	43	79
3rd	36	37	73	29	28	57	41	45	86
4th	47	40	87	33	36	69	34	42	76
5th	33	39	72	47	37	84	40	35	75
6th	35	28	63	35	25	60	29	43	72
7th	16	45	61	28	36	64	49	28	77
8th	47	39	86	32	45	77	52	40	92
9th	34	42	76	56	25	81	37	38	75
10th	44	41	85	36	27	63	42	37	79
11th	40	27	67	38	36	74	45	45	90
12th	34	38	72	41	27	68	38	35	73
13th	33	28	61	34	46	80	38	36	74
14th	40	43	83	43	43	86	41	44	85
15th	42	27	69	27	28	55	31	48	79
16th	34	25	59	43	35	78	52	60	112
17th	53	30	83	40	37	77	42	32	74
18th	21	43	64	47	36	83	39	42	81
19th	40	37	77	28	41	69	51	40	91
20th	30	43	73	33	38	71	52	50	102
21st	44	44	88	36	40	76	45	38	83
22nd	40	40	80	47	40	87	55	46	101
23rd	37	40	77	30	33	63	48	36	84
24th	41	37	78	44	36	80	49	46	95
25th	38	35	73	40	33	73	49	40	89
26th	39	21	60	37	34	71	48	41	89
27th	41	31	72	27	36	63	50	47	97
28th	31	41	72	42	39	81	32	44	76
29th	35	41	76	34	43	77	46	32	78
30th	38	36	74	42	31	73	47	48	95
31st	40	52	92	-	-	-	53	41	94
Total	1,159	1,155	2,314	1,120	1,076	2,196	1,363	1,281	2,644

Chapter 2

Live Births 2011

The number of births which occurred in 2011 was 74,033 comprising 37,898 males and 36,135 females. The corresponding total for 2010 was 75,174, 38,395 males and 36,779 females. The birth rate in 2011 was 16.2 per 1,000 of the population, 0.3 lower than 2010. 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 2011

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
1996	50.7	14.0	14.8	12.5	11.6
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	14.0	12.9	11.1

* 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 34% in the past 30 years, from 3.07 in 1981 to 2.02 in 2011. In Ireland, it dropped below the replacement level in 1989 and again in 1991 and has remained there since. See *table 2.1*.

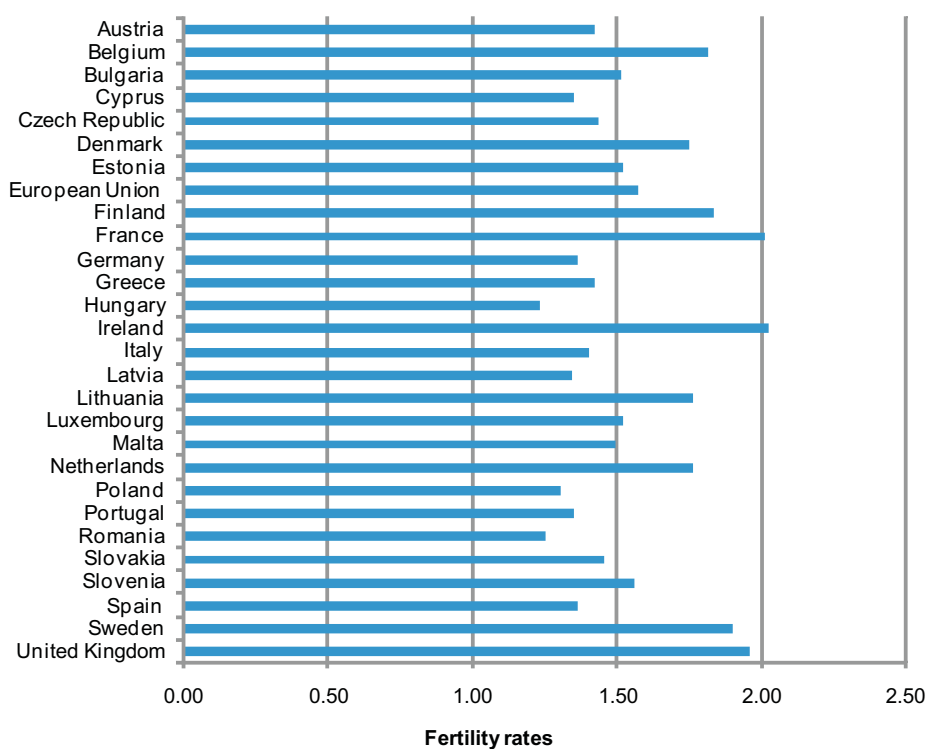
Ireland continues to have the highest fertility rate of the 27 EU member states in 2011. France is next with 2.01 followed by the UK with a rate of 1.96. Hungary had the lowest birth rate at 1.23.

Table II Total fertility rates in the European Union, 2011

Area of residence	Total fertility rate	Area of Residence	Total fertility rate
European Union (27 countries)	1.57		
Belgium	1.81	Luxembourg	1.52
Bulgaria	1.51	Hungary	1.23
Czech Republic	1.43	Malta	1.49
Denmark	1.75	Netherlands	1.76
Germany	1.36	Austria	1.42
Estonia	1.52	Poland	1.30
Ireland	2.02	Portugal	1.35
Greece	1.42	Romania	1.25
Spain	1.36	Slovenia	1.56
France	2.01	Slovakia	1.45
Italy	1.40	Finland	1.83
Cyprus	1.35	Sweden	1.90
Latvia	1.34	United Kingdom	1.96
Lithuania	1.76		

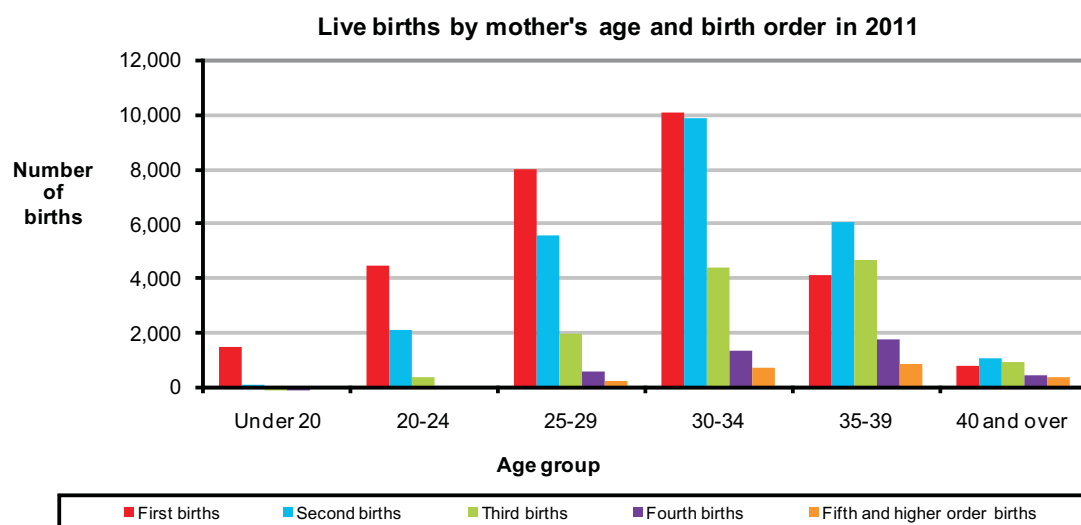
Source: Eurostat

Graph Table II Total fertility rates in the European Union, 2011



Birth Order

A total of 29,210 births (39.5%) were to first time mothers in 2011. Second time mothers had 25,158 births (34.0%) and third time mothers had 12,631 births (17.1%). Mothers who 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 continues to fall. In 2011, just 2.3% (1,690) of births were to mothers under 20. Prior to 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.

In 1980, mothers under 30 years of age accounted for 60.1% of births. The proportion declined fairly steadily to reach 37.1% in 2010 and 34.7% in 2011. This compares with 51.4% of births in England and Wales and 51.0% in Scotland. In Northern Ireland, just under half of all mothers (49.2%) were under 30 in 2011.

In 2011, 7% of females aged in their twenties gave birth and almost 12% of females aged in their thirties gave birth.

The average age of mothers at maternity in Ireland in 2011 was 31.8 years. Thirty years earlier, in 1981, the average age was 28.9 years. While, in 1961, 50 years earlier, the average age at maternity was slightly higher at 31.5 years.

In Northern Ireland, the average age at maternity in 2011 was 30.0 years, while in England and Wales and in Scotland it was 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
	1961	1981	2010	2011	2011	2011	2011
Under 20 years	1.8	4.9	2.7	2.3	4.6	5.0	5.8
20-24	14.0	22.1	10.8	9.9	16.3	18.6	18.1
25-29	26.5	32.1	23.7	22.5	28.3	27.7	27.1
30-34	27.2	25.4	34.7	36.2	30.3	28.6	28.8
35-39	21.7	12.3	23.3	23.9	16.6	15.9	16.2
40-44	8.2	3.0	4.6	4.9	3.7	3.8	3.7
45 years and over	0.6	0.2	0.2	0.2	0.2	0.23	0.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average age at maternity	31.6	28.8	31.5	31.8	30.0	29.7	29.7

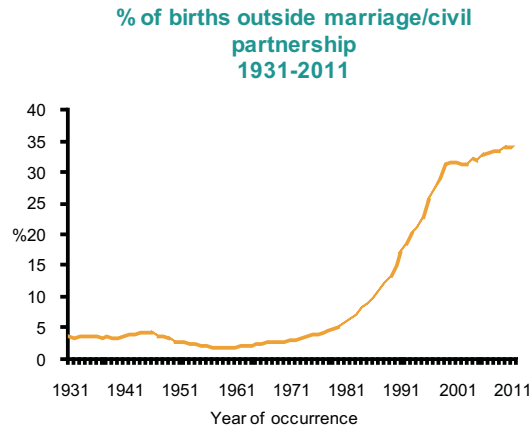
* Exclusive of Northern Ireland

Births outside marriage/civil partnership

The total number of births outside marriage/civil partnership in 2011 was 25,091. This corresponds to 33.9% of all births, 0.1% higher than 2010.

The highest percentage of births outside marriage/civil partnership occurred in Limerick City at 48.8% while the area with the lowest percentage was Galway County at 25.2%. 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 2011 which resulted in multiple live births was 1,335 consisting of 1,307 sets of twins, 27 sets of triplets and 1 set of quadruplets. This is equivalent to a “twinning rate” of 18.0 (i.e. the number of sets of live twins per 1,000 maternities which resulted in live births). This represents an increase of 1.2 on the 2010 rate of 16.8. Over the past 20 years, the twinning rate has increased very significantly – from 11.7 in 1991 to a high of 18.0 in 2011. See *table 2.20*.

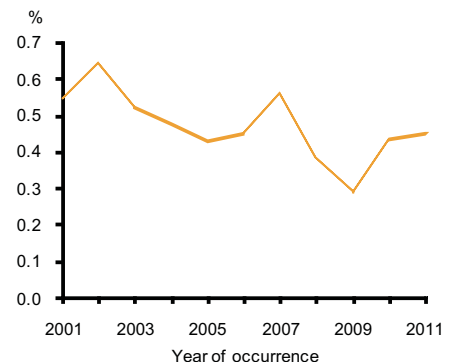
Domiciliary births

There were 334 babies born at home in 2011. This represents an increase of 2.5% on the 2010 figure when there were 326 domiciliary maternities. Such births have dropped from one in three births in the early 1950’s to only five in every thousand in 2011. See *table 2.17*.

Total number of domicilliary births from 2001 to 2011

Domiciliary births	
Year	number
2001	313
2002	410
2003	321
2004	295
2005	264
2006	293
2007	399
2008	286
2009	217
2010	326
2011	334

Domiciliary births percentages 2001-2011



Nationality of parents

In 2011, 77.3% of mothers' were of Irish nationality, 1.9% of UK nationality, 1.4% of EU-15 (excluding Ireland and the UK) nationality, 10.8% of EU-27 (excluding EU-15) nationality and 7.9% of other nationality. The nationality of the mother was not stated for 0.6% of births.

Irish was given as the nationality of fathers in 56.9% of births, however there was 26.7% of births where fathers nationality was not given.

The average age at maternity differed by nationality of mother in 2011. The highest average age at maternity was for mothers of EU-15 (excluding Ireland and the UK) nationality, 33.3 years, while the lowest was for mothers of EU-27 (excluding EU-15) nationality, 29.1 years. The average age for mothers of Irish nationality was 32.1 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 b.

Birthweight

In 2011, babies with a birthweight of between 3,500 and 3,999 grams accounted for the highest percentage of births of known birthweight at 34.5%. Of these, 53.7% were male and the remaining 46.3% were female. The majority of babies (66.6%) 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 0.3%. Of these, 54.9% were male and the remaining 45.1% were female. Eight in ten (80.6%) babies born in 2011 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 2011, babies with a gestational age of 40 weeks and over, represented the majority (55.0%) of births of known gestation. Males accounted for 50.9% of these and the remaining 49.1% 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, 60.4% were male and the remaining 39.6% 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: 0.5 plus the sum of the products of the ages at maternity of live births and their ages divided by the number of live births.

$$\text{average age} = 0.5 + \frac{\sum_{x=15}^{49} xf_x}{\sum_{x=15}^{49} f_x}$$

Average age at maternity of first birth: 0.5 plus 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), 1965-2011

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	*2.02

Contains revised rates for 2007 onwards based on Census of population usual residence estimated population figures.

*Based on single year of age for census year 2011

Calculation of Total Period Fertility Rate

The TPFR is compiled by summing the age specific fertility rates for the relevant five-year age-groups, dividing by 1,000 and multiplying by 5. The small number of births for which the age of the mother is not stated is distributed in proportion to the stated categories.

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, sex of infant and age at maternity in 2011

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
STATE	37,898	36,135	74,033	1,690	7,321	16,693	26,764	17,726	3,658	169	12
LEINSTER	21,857	20,522	42,379	1,054	4,431	9,767	15,018	9,948	2,055	102	4
Carlow	513	479	992	34	120	262	338	197	39	2	-
Carlow Town	231	209	440	21	54	131	144	79	10	1	-
Rest of Co. Carlow	282	270	552	13	66	131	194	118	29	1	-
Dublin City	4,124	3,956	8,080	255	1,025	1,891	2,670	1,820	400	19	-
South Dublin	2,628	2,420	5,048	158	643	1,278	1,733	1,000	228	6	2
Fingal	2,822	2,740	5,562	107	485	1,253	2,071	1,344	286	15	1
Dun Laoghaire Rathdown	1,497	1,345	2,842	32	169	430	1,046	948	199	18	-
Kildare	1,981	1,870	3,851	68	295	862	1,446	986	181	13	-
Athy Town	211	205	416	16	34	104	149	94	19	-	-
Naas Town	244	196	440	8	39	97	153	117	26	-	-
Rest of Co. Kildare	1,526	1,469	2,995	44	222	661	1,144	775	136	13	-
Kilkenny	766	659	1,425	31	121	304	529	364	70	6	-
Kilkenny Borough	256	200	456	15	51	115	160	99	13	3	-
Rest of Co. Kilkenny	510	459	969	16	70	189	369	265	57	3	-
Laois	714	632	1,346	40	141	371	460	279	52	3	-
Longford	349	286	635	21	73	145	198	164	34	-	-
Longford Town	113	88	201	10	36	48	52	50	5	-	-
Rest of Co. Longford	236	198	434	11	37	97	146	114	29	-	-
Louth	972	914	1,886	65	246	493	635	371	75	1	-
Drogheda Borough	371	347	718	22	98	192	235	146	25	-	-
Dundalk Town	337	313	650	33	103	186	199	107	21	1	-
Rest of Co. Louth	264	254	518	10	45	115	201	118	29	-	-
Meath	1,789	1,738	3,527	50	274	787	1,340	908	165	3	-
Kells Town	133	114	247	1	23	53	107	54	9	-	-
Navan Town	407	409	816	22	80	201	268	211	34	-	-
Trim Town	106	100	206	4	16	52	79	49	6	-	-
Rest of Co. Meath	1,143	1,115	2,258	23	155	481	886	594	116	3	-
Offaly	626	618	1,244	34	170	300	443	242	52	3	-
Birr Town	90	105	195	7	22	43	74	40	9	-	-
Tullamore Town	219	226	445	13	67	108	152	84	19	2	-
Rest of Co. Offaly	317	287	604	14	81	149	217	118	24	1	-
Westmeath	711	678	1,389	35	152	340	523	281	55	3	-
Athlone Town	173	156	329	5	46	100	121	46	10	1	-
Rest of Co. Westmeath	538	522	1,060	30	106	240	402	235	45	2	-
Wexford	1,234	1,062	2,296	78	307	567	784	464	92	3	1
Enniscorthy Town	274	238	512	20	71	110	185	109	15	1	1
New Ross Town	144	113	257	6	30	79	78	55	9	-	-
Wexford Borough	175	147	322	8	53	93	104	55	9	-	-
Rest of Co. Wexford	641	564	1,205	44	153	285	417	245	59	2	-
Wicklow	1,131	1,125	2,256	46	210	484	802	580	127	7	-
Arklow Town	134	135	269	6	32	91	77	52	10	1	-
Bray Town	237	257	494	9	51	118	157	135	24	-	-
Wicklow Town	17	18	35	-	5	7	8	11	3	1	-
Rest of Co. Wicklow	743	715	1,458	31	122	268	560	382	90	5	-
MUNSTER	9,783	9,518	19,301	386	1,784	4,198	7,195	4,728	962	44	4
Clare	872	856	1,728	33	152	321	646	461	112	3	-
Ennis Town	242	262	504	9	43	104	186	126	34	2	-
Kilrush Town	46	46	92	1	15	15	30	22	9	-	-
Rest of Co. Clare	584	548	1,132	23	94	202	430	313	69	1	-
Cork City	794	781	1,575	54	254	418	512	282	53	2	-
Cork County	3,403	3,310	6,713	76	453	1,312	2,700	1,812	344	15	1
Clonakilty Town	57	54	111	-	9	20	47	29	6	-	-
Cobh Town	79	72	151	3	24	30	48	40	6	-	-
Fermoy Town	59	61	120	2	9	35	46	24	4	-	-
Kinsale Town	48	30	78	-	2	10	35	27	3	1	-
Macroom Town	39	41	80	-	10	21	33	11	5	-	-
Mallow Town	99	88	187	3	20	39	67	42	16	-	-
Midleton Town	75	65	140	7	24	34	41	30	4	-	-
Skibbereen Town	31	33	64	2	6	14	21	15	6	-	-
Youghal Town	54	58	112	2	13	36	39	17	4	1	-
Rest of Co. Cork	2,862	2,808	5,670	57	336	1,073	2,323	1,577	290	13	1
Kerry	980	1,020	2,000	42	174	448	745	469	116	4	2
Killarney Town	187	196	383	5	33	99	135	85	26	-	-
Listowel Town	77	80	157	3	13	38	65	32	5	1	-
Tralee Town	253	228	481	17	59	111	181	90	23	-	-
Rest of Co. Kerry	463	516	979	17	69	200	364	262	62	3	2

Table 2.3 Births by area of residence, sex of infant and age at maternity in 2011 - Continued

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
Limerick City	393	370	763	44	126	209	235	127	21	1	-
Limerick County	1,173	1,123	2,296	47	195	505	872	546	118	13	-
North Tipperary	624	569	1,193	20	108	260	413	326	64	2	-
Nenagh Town	156	155	311	6	26	70	103	89	17	-	-
Templemore Town	30	37	67	-	11	12	18	20	6	-	-
Thurles Town	191	165	356	7	37	83	118	97	13	1	-
Rest of North Tipperary	247	212	459	7	34	95	174	120	28	1	-
South Tipperary	623	607	1,230	27	141	297	430	271	63	-	1
Carrick-on-Suir Town	59	52	111	3	20	29	37	16	6	-	-
Cashel Town	88	79	167	1	24	36	63	34	9	-	-
Clonmel Borough	210	223	433	11	43	104	164	89	22	-	-
Tipperary Town	64	48	112	6	12	37	31	18	8	-	-
Rest of South Tipperary	202	205	407	6	42	91	135	114	18	-	1
Waterford City	430	400	830	20	104	242	275	158	28	3	-
Waterford County	491	482	973	23	77	186	367	276	43	1	-
Dungarvan Town	106	102	208	6	18	48	83	49	4	-	-
Rest of Co. Waterford	385	380	765	17	59	138	284	227	39	1	-
CONNACHT	4,080	3,951	8,031	140	659	1,678	2,988	2,091	458	15	2
Galway City	574	541	1,115	17	107	287	367	278	54	5	-
Galway County	1,440	1,416	2,856	38	219	525	1,103	778	191	2	-
Ballinasloe Town	162	134	296	7	34	62	109	64	20	-	-
Rest of Co. Galway	1,278	1,282	2,560	31	185	463	994	714	171	2	-
Leitrim	219	242	461	12	35	101	170	109	33	1	-
Mayo	911	896	1,807	37	155	387	680	446	99	3	-
Ballina Town	178	178	356	10	43	78	120	94	10	1	-
Castlebar Town	161	172	333	4	34	67	116	94	18	-	-
Westport Town	89	99	188	1	16	39	78	46	7	1	-
Rest of Co. Mayo	483	447	930	22	62	203	366	212	64	1	-
Roscommon	443	422	865	16	67	186	327	223	42	2	2
Sligo	493	434	927	20	76	192	341	257	39	2	-
Sligo Borough	147	145	292	11	34	80	92	66	8	1	-
Rest of Co. Sligo	346	289	635	9	42	112	249	191	31	1	-
ULSTER (PART OF)	2,178	2,144	4,322	110	447	1,050	1,563	959	183	8	2
Cavan	640	627	1,267	33	118	310	449	299	56	2	-
Cavan Town	124	127	251	10	36	51	89	56	8	1	-
Rest of Co. Cavan	516	500	1,016	23	82	259	360	243	48	1	-
Donegal	1,094	1,078	2,172	57	244	526	790	452	96	6	1
Buncrana Town	71	70	141	1	19	51	47	20	3	-	-
Bundoran Town	13	14	27	-	7	9	5	6	-	-	-
Letterkenny Town	298	274	572	12	75	135	197	127	25	-	1
Rest of Co. Donegal	712	720	1,432	44	143	331	541	299	68	6	-
Monaghan	444	439	883	20	85	214	324	208	31	-	1
Carrickmacross Town	70	94	164	3	9	43	64	40	4	-	1
Castleblaney Town	75	79	154	3	15	42	56	32	6	-	-
Clones Town	22	16	38	1	5	11	14	6	1	-	-
Monaghan Town	86	73	159	7	24	40	50	31	7	-	-
Rest of Co. Monaghan	191	177	368	6	32	78	140	99	13	-	-
Towns and Boroughs	7,618	7,226	14,844	390	1,733	3,661	5,130	3,277	629	21	3
REGIONAL AUTHORITIES:											
Border	3,862	3,734	7,596	207	804	1,836	2,709	1,696	330	12	2
Midland	2,400	2,214	4,614	130	536	1,156	1,624	966	193	9	-
West	3,368	3,275	6,643	108	548	1,385	2,477	1,725	386	12	2
Dublin	11,071	10,461	21,532	552	2,322	4,852	7,520	5,112	1,113	58	3
Mid-East	4,901	4,733	9,634	164	779	2,133	3,588	2,474	473	23	-
Mid-West	3,062	2,918	5,980	144	581	1,295	2,166	1,460	315	19	-
South-East	4,057	3,689	7,746	213	870	1,858	2,723	1,730	335	15	2
South-West	5,177	5,111	10,288	172	881	2,178	3,957	2,563	513	21	3

Table 2.4 Births by area of residence showing the numbers in each quarter in 2011

Area of residence	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Year	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
STATE	9,159	8,832	9,556	8,899	9,796	9,457	9,387	8,947	37,898	36,135
LEINSTER	5,224	4,981	5,605	5,021	5,615	5,353	5,413	5,167	21,857	20,522
Carlow	131	112	146	124	119	118	117	125	513	479
Dublin City	979	917	1,059	958	1,004	1,030	1,082	1,051	4,124	3,956
South Dublin	589	607	655	581	700	589	684	643	2,628	2,420
Fingal	688	682	683	649	724	762	727	647	2,822	2,740
Dun Laoghaire Rathdown	367	326	370	334	383	352	377	333	1,497	1,345
Kildare	504	482	530	451	493	495	454	442	1,981	1,870
Kilkenny	177	163	194	154	202	183	193	159	766	659
Laois	190	139	187	169	166	168	171	156	714	632
Longford	75	59	101	79	89	74	84	74	349	286
Louth	246	204	257	240	248	249	221	221	972	914
Meath	419	404	463	450	475	442	432	442	1,789	1,738
Offaly	137	150	183	157	170	157	136	154	626	618
Westmeath	162	184	185	158	189	174	175	162	711	678
Wexford	286	274	314	253	361	262	273	273	1,234	1,062
Wicklow	274	278	278	264	292	298	287	285	1,131	1,125
MUNSTER	2,457	2,341	2,398	2,364	2,511	2,513	2,417	2,300	9,783	9,518
Clare	212	204	220	213	225	220	215	219	872	856
Cork City	215	191	184	188	207	203	188	199	794	781
Cork County	900	806	837	836	828	864	838	804	3,403	3,310
Kerry	233	280	248	254	253	250	246	236	980	1,020
Limerick City	110	93	92	90	93	105	98	82	393	370
Limerick County	295	282	274	260	318	308	286	273	1,173	1,123
North Tipperary	128	120	158	148	171	166	167	135	624	569
South Tipperary	134	133	168	172	176	167	145	135	623	607
Waterford City	106	94	96	111	119	96	109	99	430	400
Waterford County	124	138	121	92	121	134	125	118	491	482
CONNACHT	975	977	1,008	967	1,073	1,029	1,024	978	4,080	3,951
Galway City	143	140	149	129	154	132	128	140	574	541
Galway County	328	350	361	348	383	372	368	346	1,440	1,416
Leitrim	55	60	50	57	56	70	58	55	219	242
Mayo	236	226	218	234	224	227	233	209	911	896
Roscommon	100	96	125	103	114	119	104	104	443	422
Sligo	113	105	105	96	142	109	133	124	493	434
ULSTER (PART OF)	503	533	545	547	597	562	533	502	2,178	2,144
Cavan	163	154	171	149	170	163	136	161	640	627
Donegal	257	267	267	288	286	279	284	244	1,094	1,078
Monaghan	83	112	107	110	141	120	113	97	444	439
REGIONAL AUTHORITIES:										
Border	917	902	957	940	1,043	990	945	902	3,862	3,734
Midland	564	532	656	563	614	573	566	546	2,400	2,214
West	807	812	853	814	875	850	833	799	3,368	3,275
Dublin	2,623	2,532	2,767	2,522	2,811	2,733	2,870	2,674	11,071	10,461
Mid-East	1,197	1,164	1,271	1,165	1,260	1,235	1,173	1,169	4,901	4,733
Mid-West	745	699	744	711	807	799	766	709	3,062	2,918
South-East	958	914	1,039	906	1,098	960	962	909	4,057	3,689
South-West	1,348	1,277	1,269	1,278	1,288	1,317	1,272	1,239	5,177	5,111

Table 2.5 Births in 2011, 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
All ages	74,033	37,898	36,135	25,091	12,841	12,250
15 and under	36	16	20	36	16	20
16	103	55	48	102	55	47
17	252	129	123	239	123	116
18	462	234	228	418	214	204
19	837	434	403	745	376	369
Under 20	1,690	868	822	1,540	784	756
20	1,099	574	525	997	528	469
21	1,234	590	644	1,067	511	556
22	1,364	699	665	1,132	595	537
23	1,694	880	814	1,335	699	636
24	1,930	974	956	1,373	677	696
20-24	7,321	3,717	3,604	5,904	3,010	2,894
25	2,383	1,218	1,165	1,592	797	795
26	2,756	1,447	1,309	1,586	832	754
27	3,300	1,694	1,606	1,623	824	799
28	3,901	1,952	1,949	1,606	774	832
29	4,353	2,316	2,037	1,485	787	698
25-29	16,693	8,627	8,066	7,892	4,014	3,878
30	4,923	2,488	2,435	1,450	752	698
31	5,593	2,887	2,706	1,319	671	648
32	5,722	2,965	2,757	1,237	660	577
33	5,344	2,732	2,612	1,018	511	507
34	5,182	2,591	2,591	932	433	499
30-34	26,764	13,663	13,101	5,956	3,027	2,929
35	4,722	2,433	2,289	778	402	376
36	4,179	2,091	2,088	674	368	306
37	3,529	1,790	1,739	610	314	296
38	2,998	1,537	1,461	506	248	258
39	2,298	1,210	1,088	424	243	181
35-39	17,726	9,061	8,665	2,992	1,575	1,417
40	1,554	804	750	304	168	136
41	1,010	505	505	227	115	112
42	618	321	297	134	72	62
43	325	177	148	73	41	32
44	151	77	74	37	21	16
40-44	3,658	1,884	1,774	775	417	358
45 and over	169	75	94	28	13	15
Age not stated	12	3	9	4	1	3

Table 2.6 Total births in 2011 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	868	822	3,717	3,604	8,627	8,066	13,663	13,101	9,061	8,665	1,884	1,774	75	94	3	9
LEINSTER	555	499	2,249	2,182	5,082	4,685	7,680	7,338	5,172	4,776	1,070	985	47	55	2	2
Carlow	19	15	62	58	127	135	185	153	98	99	20	19	2	-	-	-
Dublin City	137	118	506	519	993	898	1,349	1,321	940	880	190	210	9	10	-	-
South Dublin	81	77	328	315	667	611	881	852	543	457	123	105	3	3	2	-
Fingal	50	57	241	244	641	612	1,053	1,018	677	667	155	131	5	10	-	1
Dun Laoghaire Rathdown	23	9	92	77	234	196	541	505	489	459	111	88	7	11	-	-
Kildare	36	32	150	145	429	433	728	718	541	445	92	89	5	8	-	-
Kilkenny	16	15	70	51	172	132	280	249	181	183	43	27	4	2	-	-
Laois	20	20	76	65	192	179	237	223	156	123	31	21	2	1	-	-
Longford	14	7	39	34	84	61	107	91	85	79	20	14	-	-	-	-
Louth	32	33	126	120	248	245	318	317	203	168	45	30	-	1	-	-
Meath	32	18	129	145	423	364	676	664	448	460	80	85	1	2	-	-
Offaly	16	18	85	85	137	163	229	214	130	112	26	26	3	-	-	-
Westmeath	19	16	84	68	169	171	276	247	136	145	25	30	2	1	-	-
Wexford	42	36	161	146	318	249	417	367	242	222	52	40	2	1	-	1
Wicklow	18	28	100	110	248	236	403	399	303	277	57	70	2	5	-	-
MUNSTER	187	199	914	870	2,141	2,057	3,673	3,522	2,375	2,353	476	486	17	27	-	4
Clare	16	17	86	66	175	146	317	329	227	234	50	62	1	2	-	-
Cork City	19	35	129	125	208	210	261	251	152	130	23	30	2	-	-	-
Cork County	40	36	225	228	648	664	1,370	1,330	929	883	184	160	7	8	-	1
Kerry	20	22	90	84	234	214	371	374	213	256	52	64	-	4	-	2
Limerick City	23	21	62	64	107	102	130	105	61	66	10	11	-	1	-	-
Limerick County	23	24	98	97	261	244	453	419	278	268	55	63	5	8	-	-
North Tipperary	10	10	50	58	138	122	230	183	164	162	32	32	-	2	-	-
South Tipperary	12	15	77	64	150	147	213	217	136	135	35	28	-	-	-	1
Waterford City	11	9	56	48	126	116	146	129	75	83	14	14	2	1	-	-
Waterford County	13	10	41	36	94	92	182	185	140	136	21	22	-	1	-	-
CONNACHT	72	68	324	335	869	809	1,526	1,462	1,044	1,047	239	219	5	10	1	1
Galway City	11	6	62	45	141	146	203	164	131	147	23	31	3	2	-	-
Galway County	20	18	101	118	274	251	547	556	402	376	96	95	-	2	-	-
Leitrim	4	8	17	18	54	47	78	92	50	59	16	17	-	1	-	-
Mayo	19	18	78	77	208	179	335	345	214	232	56	43	1	2	-	-
Roscommon	7	9	32	35	98	88	173	154	107	116	25	17	-	2	1	1
Sligo	11	9	34	42	94	98	190	151	140	117	23	16	1	1	-	-
ULSTER (PART OF)	54	56	230	217	535	515	784	779	470	489	99	84	6	2	-	2
Cavan	18	15	63	55	157	153	226	223	148	151	26	30	2	-	-	-
Donegal	26	31	120	124	270	256	403	387	218	234	53	43	4	2	-	1
Monaghan	10	10	47	38	108	106	155	169	104	104	20	11	-	-	-	1
REGIONAL AUTHORITIES:																
Border	101	106	407	397	931	905	1,370	1,339	863	833	183	147	7	5	-	2
Midland	69	61	284	252	582	574	849	775	507	459	102	91	7	2	-	-
West	57	51	273	275	721	664	1,258	1,219	854	871	200	186	4	8	1	1
Dublin	291	261	1,167	1,155	2,535	2,317	3,824	3,696	2,649	2,463	579	534	24	34	2	1
Mid-East	86	78	379	400	1,100	1,033	1,807	1,781	1,292	1,182	229	244	8	15	-	-
Mid-West	72	72	296	285	681	614	1,130	1,036	730	730	147	168	6	13	-	-
South-East	113	100	467	403	987	871	1,423	1,300	872	858	185	150	10	5	-	2
South-West	79	93	444	437	1,090	1,088	2,002	1,955	1,294	1,269	259	254	9	12	-	3

Table 2.7 Births outside marriage/civil partnership in 2011 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	3,794	3,650	4,014	3,878	3,027	2,929	1,575	1,417	430	373	1	3	12,841	12,250
LEINSTER	2,319	2,206	2,467	2,346	1,837	1,796	981	850	265	223	-	-	7,869	7,421
Carlow	68	58	62	62	35	31	18	12	2	5	-	-	185	168
Dublin City	537	522	537	488	411	416	245	212	58	63	-	-	1,788	1,701
South Dublin	322	319	341	361	247	237	123	101	37	30	-	-	1,070	1,048
Fingal	236	242	275	304	239	229	116	120	36	23	-	-	902	918
Dun Laoghaire Rathdown	100	71	101	85	110	94	72	59	22	23	-	-	405	332
Kildare	156	151	197	208	133	139	91	67	20	15	-	-	597	580
Kilkenny	73	60	82	60	61	43	18	20	7	5	-	-	241	188
Laois	85	70	84	78	57	65	29	13	7	3	-	-	262	229
Longford	37	29	33	31	21	26	16	14	2	-	-	-	109	100
Louth	140	135	132	130	97	86	38	33	10	4	-	-	417	388
Meath	130	133	177	142	116	131	71	70	18	13	-	-	512	489
Offaly	86	85	63	67	44	49	23	14	4	7	-	-	220	222
Westmeath	83	60	75	81	55	52	19	24	10	6	-	-	242	223
Wexford	164	156	169	125	117	109	51	44	13	8	-	-	514	442
Wicklow	102	115	139	124	94	89	51	47	19	18	-	-	405	393
MUNSTER	927	907	1,017	967	752	720	373	350	103	90	-	2	3,172	3,036
Clare	83	69	68	65	64	69	35	33	7	12	-	-	257	248
Cork City	128	135	108	116	82	71	40	29	9	10	-	-	367	361
Cork County	227	229	272	281	222	223	119	108	34	28	-	-	874	869
Kerry	92	83	104	100	85	73	28	43	16	17	-	1	325	317
Limerick City	72	71	57	54	42	37	11	19	6	3	-	-	188	184
Limerick County	98	102	130	106	78	70	41	37	10	8	-	-	357	323
North Tipperary	48	57	70	69	31	33	27	21	4	2	-	-	180	182
South Tipperary	79	67	75	72	65	60	25	17	4	3	-	1	248	220
Waterford City	54	53	79	52	42	38	18	23	8	2	-	-	201	168
Waterford County	46	41	54	52	41	46	29	20	5	5	-	-	175	164
CONNACHT	307	306	319	356	292	253	149	145	49	43	1	-	1,117	1,103
Galway City	48	29	43	63	37	41	25	28	8	10	-	-	161	171
Galway County	97	104	102	100	96	87	51	45	22	15	-	-	368	351
Leitrim	17	22	20	19	11	10	6	11	2	4	-	-	56	66
Mayo	73	70	75	76	72	62	22	30	7	5	-	-	249	243
Roscommon	34	35	36	42	28	22	14	16	4	5	1	-	117	120
Sligo	38	46	43	56	48	31	31	15	6	4	-	-	166	152
ULSTER (PART OF)	241	231	211	209	146	160	72	72	13	17	-	1	683	690
Cavan	60	57	54	66	38	43	28	21	-	6	-	-	180	193
Donegal	130	132	116	101	80	87	28	36	9	7	-	1	363	364
Monaghan	51	42	41	42	28	30	16	15	4	4	-	-	140	133
REGIONAL AUTHORITIES:														
Border	436	434	406	414	302	287	147	131	31	29	-	1	1,322	1,296
Midland	291	244	255	257	177	192	87	65	23	16	-	-	833	774
West	252	238	256	281	233	212	112	119	41	35	1	-	895	885
Dublin	1,195	1,154	1,254	1,238	1,007	976	556	492	153	139	-	-	4,165	3,999
Mid-East	388	399	513	474	343	359	213	184	57	46	-	-	1,514	1,462
Mid-West	301	299	325	294	215	209	114	110	27	25	-	-	982	937
South-East	484	435	521	423	361	327	159	136	39	28	-	1	1,564	1,350
South-West	447	447	484	497	389	367	187	180	59	55	-	1	1,566	1,547

Table 2.8 Total births in 2011, 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	74,033	29,210	25,158	12,631	4,410	1,378	507	185	84	58	21	20	371
15 and under	36	34	2	-	-	-	-	-	-	-	-	-	-
16	103	102	1	-	-	-	-	-	-	-	-	-	-
17	252	242	9	1	-	-	-	-	-	-	-	-	-
18	462	409	47	6	-	-	-	-	-	-	-	-	-
19	837	711	111	11	2	-	-	-	-	-	-	-	2
Under 20	1,690	1,498	170	18	2	-	-	-	-	-	-	-	2
20	1,099	846	204	38	6	1	-	-	-	-	-	-	4
21	1,234	840	333	50	3	1	-	1	-	-	-	-	6
22	1,364	843	403	91	14	4	1	-	-	-	-	-	8
23	1,694	974	545	126	35	3	2	-	-	-	-	-	9
24	1,930	1,014	692	163	43	12	1	-	-	-	-	-	5
20-24	7,321	4,517	2,177	468	101	21	4	1	-	-	-	-	32
25	2,383	1,239	791	252	76	13	2	-	-	-	-	-	10
26	2,756	1,344	950	321	97	28	5	1	-	-	-	-	10
27	3,300	1,571	1,150	394	125	35	5	1	-	1	-	-	18
28	3,901	1,858	1,317	500	147	41	18	3	-	-	-	-	17
29	4,353	2,026	1,440	565	195	68	22	9	3	1	1	-	23
25-29	16,693	8,038	5,648	2,032	640	185	52	14	3	2	1	-	78
30	4,923	2,248	1,689	637	213	66	25	12	3	2	2	-	26
31	5,593	2,400	2,020	786	223	83	44	10	3	1	1	-	22
32	5,722	2,170	2,135	936	302	97	30	13	3	3	1	-	32
33	5,344	1,787	2,072	994	303	90	38	15	7	5	1	-	32
34	5,182	1,548	2,022	1,094	334	96	38	19	4	2	3	-	22
30-34	26,764	10,153	9,938	4,447	1,375	432	175	69	20	13	8	-	134
35	4,722	1,248	1,789	1,131	356	109	40	12	4	6	1	1	25
36	4,179	1,018	1,465	1,088	401	111	41	13	11	9	2	2	18
37	3,529	819	1,175	933	414	103	44	12	9	3	1	1	15
38	2,998	595	950	878	370	114	36	16	4	5	4	5	21
39	2,298	454	707	676	289	95	31	13	9	3	-	4	17
35-39	17,726	4,134	6,086	4,706	1,830	532	192	66	37	26	8	13	96
40	1,554	326	497	395	200	68	24	9	8	6	1	3	17
41	1,010	218	274	278	117	63	29	11	8	5	3	-	4
42	618	158	190	152	70	24	10	4	3	3	-	1	3
43	325	70	91	75	39	28	10	6	2	1	-	1	2
44	151	38	42	29	14	14	6	1	2	1	-	2	2
40-44	3,658	810	1,094	929	440	197	79	31	23	16	4	7	28
45 and over	169	54	42	28	22	11	5	4	1	1	-	-	1
Age not stated	12	6	3	3	-	-	-	-	-	-	-	-	-

Table 2.9 Births outside marriage/civil partnership in 2011, 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	25,091	12,732	7,590	2,955	1,066	385	161	50	25	13	4	2	108
15 and under	36	34	2	-	-	-	-	-	-	-	-	-	-
16	102	101	1	-	-	-	-	-	-	-	-	-	-
17	239	230	8	1	-	-	-	-	-	-	-	-	-
18	418	373	40	5	-	-	-	-	-	-	-	-	-
19	745	635	97	9	2	-	-	-	-	-	-	-	2
Under 20	1,540	1,373	148	15	2	-	-	-	-	-	-	-	2
20	997	789	170	30	4	1	-	-	-	-	-	-	3
21	1,067	749	275	33	3	1	-	1	-	-	-	-	5
22	1,132	733	313	64	12	3	1	-	-	-	-	-	6
23	1,335	807	406	87	23	3	2	-	-	-	-	-	7
24	1,373	735	488	114	23	9	-	-	-	-	-	-	4
20-24	5,904	3,813	1,652	328	65	17	3	1	-	-	-	-	25
25	1,592	855	517	163	46	4	1	-	-	-	-	-	6
26	1,586	790	540	191	43	11	3	-	-	-	-	-	8
27	1,623	745	588	199	54	22	4	1	-	-	-	-	10
28	1,606	740	551	219	67	19	6	1	-	-	-	-	3
29	1,485	661	472	225	86	24	7	4	2	-	-	-	4
25-29	7,892	3,791	2,668	997	296	80	21	6	2	-	-	-	31
30	1,450	636	465	215	80	29	11	6	1	1	1	-	5
31	1,319	557	437	198	70	33	14	3	-	1	1	-	5
32	1,237	471	411	210	89	31	13	2	2	1	-	-	7
33	1,018	387	339	163	72	34	12	4	2	-	-	-	5
34	932	348	324	146	64	24	10	7	2	2	1	-	4
30-34	5,956	2,399	1,976	932	375	151	60	22	7	5	3	-	26
35	778	292	250	138	56	25	9	3	-	-	-	-	5
36	674	253	204	110	61	16	16	1	3	3	-	-	7
37	610	219	178	107	61	23	12	4	4	-	-	-	2
38	506	165	152	98	45	22	11	5	2	1	1	-	4
39	424	150	138	73	31	14	8	4	2	1	-	1	2
35-39	2,992	1,079	922	526	254	100	56	17	11	5	1	1	20
40	304	109	94	51	27	12	4	-	3	1	-	-	3
41	227	82	59	48	19	9	9	1	-	-	-	-	-
42	134	46	37	27	13	4	4	-	1	1	-	-	1
43	73	16	20	17	9	6	2	2	-	-	-	1	-
44	37	7	9	9	4	5	2	-	1	-	-	-	-
40-44	775	260	219	152	72	36	21	3	5	2	-	1	4
45 and over	28	14	4	5	2	1	-	1	-	1	-	-	-
Age not stated	4	3	1	-	-	-	-	-	-	-	-	-	-

Table 2.10 Births within marriage/civil partnership in 2011, 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												
		2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000 & earlier	Not stated
All ages	48,942	734	6,237	6,375	6,322	5,864	4,780	4,030	3,057	2,548	1,830	1,438	3,638	2,089
15 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	1	-	1	-	-	-	-	-	-	-	-	-	-	-
17	13	3	8	2	-	-	-	-	-	-	-	-	-	-
18	44	10	20	5	2	-	1	-	-	-	-	-	-	6
19	92	9	47	13	6	1	-	-	-	-	-	-	-	16
Under 20	150	22	76	20	8	1	1	-	-	-	-	-	-	22
20	102	4	35	26	15	6	3	-	-	-	-	-	1	12
21	167	7	43	39	33	17	5	1	-	-	-	-	-	22
22	232	16	51	47	48	28	15	5	-	-	-	-	-	22
23	359	23	80	77	59	38	26	17	6	-	1	-	-	32
24	557	28	128	113	91	66	41	22	11	9	3	-	1	44
20-24	1,417	78	337	302	246	155	90	45	17	9	4	-	2	132
25	791	49	179	156	122	85	54	42	26	21	4	4	1	48
26	1,170	49	288	249	184	117	72	57	33	32	14	10	5	60
27	1,677	43	416	349	247	199	110	85	46	42	37	17	9	77
28	2,295	60	497	490	388	284	153	122	83	37	34	32	24	91
29	2,868	53	587	560	472	360	248	159	102	75	44	29	54	125
25-29	8,801	254	1,967	1,804	1,413	1,045	637	465	290	207	133	92	93	401
30	3,473	38	651	628	570	512	326	224	135	90	50	51	60	138
31	4,274	53	659	724	745	607	460	306	207	137	77	54	102	143
32	4,485	44	603	663	648	671	491	416	272	182	110	73	140	172
33	4,326	44	451	513	624	653	501	423	288	237	144	105	180	163
34	4,250	45	413	470	525	549	533	444	333	269	185	123	228	133
30-34	20,808	224	2,777	2,998	3,112	2,992	2,311	1,813	1,235	915	566	406	710	749
35	3,944	39	318	354	437	466	466	424	333	290	210	171	298	138
36	3,505	32	242	251	324	348	382	393	364	308	211	163	350	137
37	2,919	19	166	197	243	282	259	288	269	263	201	165	425	142
38	2,492	24	114	150	213	199	240	229	217	207	197	137	443	122
39	1,874	16	95	111	130	142	159	156	130	168	114	145	429	79
35-39	14,734	130	935	1,063	1,347	1,437	1,506	1,490	1,313	1,236	933	781	1,945	618
40	1,250	7	62	82	85	99	104	104	95	80	86	65	321	60
41	783	10	39	38	41	56	69	50	54	43	46	50	240	47
42	484	5	23	37	39	31	29	36	27	33	26	27	143	28
43	252	2	9	14	15	30	20	9	13	11	21	8	83	17
44	114	1	6	4	4	8	5	7	7	5	8	4	51	4
40-44	2,883	25	139	175	184	224	227	206	196	172	187	154	838	156
45 and over	141	1	6	12	12	9	8	10	6	8	6	4	50	9
Age not stated	8	-	-	1	-	1	-	1	-	1	1	1	-	2

Table 2.11 First births within marriage/civil partnership in 2011, 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												
		2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000 & earlier	Not stated
All ages	16,478	501	4,495	4,197	2,560	1,458	886	539	378	238	142	96	224	764
15 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	1	-	1	-	-	-	-	-	-	-	-	-	-	-
17	12	3	7	2	-	-	-	-	-	-	-	-	-	-
18	36	10	18	2	-	-	-	-	-	-	-	-	-	6
19	76	8	42	10	2	-	-	-	-	-	-	-	-	14
Under 20	125	21	68	14	2	-	-	-	-	-	-	-	-	20
20	57	3	29	15	1	1	-	-	-	-	-	-	-	8
21	91	7	33	23	9	6	1	1	-	-	-	-	-	11
22	110	11	40	24	12	6	3	-	-	-	-	-	-	14
23	167	16	57	42	23	8	4	1	-	-	-	-	-	16
24	279	22	91	67	45	13	10	1	1	1	-	-	-	28
20-24	704	59	250	171	90	34	18	3	1	1	-	-	-	77
25	384	38	124	98	60	26	8	3	3	1	1	-	1	21
26	554	35	191	148	81	43	17	10	2	2	-	-	1	24
27	826	28	285	237	122	54	30	20	2	4	-	4	1	39
28	1,118	44	350	342	187	82	30	26	8	2	5	3	5	34
29	1,365	42	398	400	230	115	65	26	16	8	3	3	3	56
25-29	4,247	187	1,348	1,225	680	320	150	85	31	17	9	10	11	174
30	1,612	26	475	454	266	162	77	41	26	6	6	2	2	69
31	1,843	39	504	526	338	148	99	56	31	19	11	7	8	57
32	1,699	29	455	471	278	178	82	60	35	22	9	7	4	69
33	1,400	27	320	347	253	163	84	43	39	22	11	9	17	65
34	1,200	26	308	299	188	103	96	50	35	27	16	3	5	44
30-34	7,754	147	2,062	2,097	1,323	754	438	250	166	96	53	28	36	304
35	956	26	241	205	155	84	76	36	34	20	12	12	12	43
36	765	20	170	155	94	71	57	47	49	29	13	10	17	33
37	600	8	125	110	73	68	36	36	29	22	17	11	26	39
38	430	15	85	75	52	42	30	25	25	16	12	7	30	16
39	304	6	65	48	34	26	30	16	14	11	9	7	20	18
35-39	3,055	75	686	593	408	291	229	160	151	98	63	47	105	149
40	217	4	38	40	22	12	21	22	7	13	3	4	20	11
41	136	4	21	17	11	18	13	7	12	1	3	4	16	9
42	112	1	12	21	9	10	8	7	6	7	3	1	18	9
43	54	1	6	8	7	11	4	1	1	1	4	1	3	6
44	31	1	3	2	3	4	4	1	3	2	1	-	6	1
40-44	550	11	80	88	52	55	50	38	29	24	14	10	63	36
45 and over	40	1	1	8	5	4	1	3	-	2	3	1	9	2
Age not stated	3	-	-	1	-	-	-	-	-	-	-	-	-	2

Table 2.12 Births in 2011, 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	74,033	36	1,654	7,321	16,693	26,764	17,726	3,658	169	12
Under 28	235	-	6	20	46	87	62	13	1	-
28-31	499	-	18	47	106	191	88	43	6	-
32-35	1,970	-	39	179	422	670	495	149	16	-
36-39	30,000	17	586	2,569	6,220	10,663	8,031	1,808	101	5
40 and over	39,921	18	966	4,334	9,566	14,658	8,743	1,585	44	7
Not stated	1,408	1	39	172	333	495	307	60	1	-

Table 2.13 Births in 2011, 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	74,033	36	1,654	7,321	16,693	26,764	17,726	3,658	169	12
Under 1000	226	-	10	20	43	86	54	12	1	-
1000-1499	373	1	7	27	80	125	87	37	9	-
1500-1999	871	-	18	95	181	311	204	56	6	-
2000-2499	2,348	-	73	260	508	760	563	173	10	1
2500-2999	8,609	9	277	1,090	2,110	2,809	1,820	452	41	1
3000-3499	23,768	14	626	2,575	5,567	8,348	5,446	1,142	46	4
3500-3999	25,371	10	480	2,351	5,599	9,506	6,194	1,186	40	5
4000 and over	12,016	2	150	859	2,509	4,649	3,261	570	15	1
Not stated	451	-	13	44	96	170	97	30	1	-

Table 2.14 Births in 2011, 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	74,033	235	499	1,970	30,000	39,921	1,408
Under 1000	226	179	36	1	3	3	4
1000-1499	373	48	222	94	4	2	3
1500-1999	871	1	195	488	170	5	12
2000-2499	2,348	-	20	792	1,391	111	34
2500-2999	8,609	2	7	467	5,926	2,086	121
3000-3499	23,768	-	8	97	11,498	11,813	352
3500-3999	25,371	-	8	20	8,305	16,638	400
4000 and over	12,016	-	-	7	2,629	9,180	200
Not stated	451	5	3	4	74	83	282

Table 2.15 Births in 2011, 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	74,033	226	373	871	2,348	8,609	23,768	25,371	12,016	451
Male	37,898	124	206	429	1,052	3,814	11,023	13,616	7,426	208
Female	36,135	102	167	442	1,296	4,795	12,745	11,755	4,590	243

Table 2.16 Births in 2011, 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	74,033	235	499	1,970	30,000	39,921	1,408
Male	37,898	142	280	1,070	15,407	20,309	690
Female	36,135	93	219	900	14,593	19,612	718

Table 2.17 Births in 2011 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	73,699	-	-	73,669	334	-	-	334
LEINSTER	41,495	1,085	1,802	42,212	162	1	5	166
Carlow	-	-	990	990	1	-	1	2
Dublin City	27,321	19,447	176	8,050	51	29	8	30
South Dublin	-	-	5,034	5,034	10	6	9	13
Fingal	-	-	5,541	5,541	35	28	14	21
Dun Laoghaire Rathdown	1,114	776	2,472	2,810	3	-	29	32
Kildare	-	-	3,842	3,842	6	3	6	9
Kilkenny	2,044	999	379	1,424	2	2	1	1
Laois	2,244	1,099	201	1,346	6	6	-	-
Longford	-	-	632	632	2	-	1	3
Louth	3,778	2,034	132	1,876	14	4	-	10
Meath	-	-	3,517	3,517	5	-	5	10
Offaly	-	-	1,236	1,236	2	-	6	8
Westmeath	2,776	1,800	410	1,386	7	4	-	3
Wexford	2,218	270	341	2,289	9	2	-	7
Wicklow	-	-	2,239	2,239	9	1	9	17
MUNSTER	19,219	770	743	19,192	111	3	1	109
Clare	-	-	1,713	1,713	12	-	3	15
Cork City	8,730	7,178	9	1,561	50	37	1	14
Cork County	-	-	6,668	6,668	10	1	36	45
Kerry	1,745	113	352	1,984	16	-	-	16
Limerick City	5,116	4,368	11	759	11	7	-	4
Limerick County	-	-	2,290	2,290	3	1	4	6
North Tipperary	-	-	1,191	1,191	1	-	1	2
South Tipperary	1,236	281	273	1,228	3	1	-	2
Waterford City	2,392	1,576	13	829	1	1	1	1
Waterford County	-	-	969	969	4	1	1	4
CONNACHT	8,939	1,240	285	7,984	51	3	-	48
Galway City	3,403	2,326	30	1,107	29	21	-	8
Galway County	2,136	1,426	2,125	2,835	-	-	21	21
Leitrim	-	-	457	457	4	2	2	4
Mayo	1,828	177	143	1,794	13	-	-	13
Roscommon	-	-	865	865	1	1	1	1
Sligo	1,572	689	43	926	4	3	-	1
ULSTER (PART OF)	4,046	359	624	4,311	10	-	1	11
Cavan	2,049	923	139	1,265	2	-	-	2
Donegal	1,997	12	180	2,165	6	-	1	7
Monaghan	-	-	881	881	2	-	-	2
REGIONAL AUTHORITIES:								
Border	9,396	2,166	340	7,570 #	32	6	-	26
Midland	5,020	1,600	1,180	4,600 #	17	4	1	14
West	7,367	1,106	340	6,601 #	43	2	2	43
Dublin	28,435	7,439	439	21,435 #	99	9	6	96
Mid-East	-	-	9,598	9,598 #	20	3	19	36
Mid-West	5,116	187	1,024	5,953 #	27	-	-	27
South-East	7,890	760	599	7,729 #	20	3	-	17
South-West	10,475	378	116	10,213 #	76	2	1	75

Table 2.18 Births in 2011 by day of occurrence and mothers' usual residence

Area of residence	Day of occurrence						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
STATE	10,492	11,720	12,043	12,050	11,676	8,685	7,367
LEINSTER	5,964	6,560	6,788	6,924	6,591	5,128	4,424
Carlow	135	152	163	185	116	127	114
Dublin City	1,176	1,192	1,303	1,224	1,282	1,008	895
South Dublin	742	759	800	833	782	610	522
Fingal	769	885	919	840	837	700	612
Dun Laoghaire Rathdown	404	425	465	477	440	332	299
Kildare	554	583	617	644	628	446	379
Kilkenny	184	230	234	261	191	151	174
Laois	169	194	181	245	249	173	135
Longford	75	115	114	104	114	65	48
Louth	255	306	296	318	304	213	194
Meath	512	571	579	588	534	425	318
Offaly	197	215	187	207	186	143	109
Westmeath	197	224	229	262	216	147	114
Wexford	303	352	325	396	368	302	250
Wicklow	292	357	376	340	344	286	261
MUNSTER	2,738	3,209	3,249	3,054	3,098	2,182	1,771
Clare	217	295	303	294	286	181	152
Cork City	234	261	257	246	254	185	138
Cork County	963	1,064	1,125	1,079	1,142	745	595
Kerry	271	356	282	316	322	232	221
Limerick City	107	136	137	123	111	84	65
Limerick County	305	424	382	379	369	245	192
North Tipperary	166	217	193	206	158	139	114
South Tipperary	187	201	245	154	186	150	107
Waterford City	134	114	158	115	117	94	98
Waterford County	154	141	167	142	153	127	89
CONNACHT	1,191	1,293	1,318	1,259	1,297	901	772
Galway City	179	175	177	176	166	136	106
Galway County	417	486	466	453	464	311	259
Leitrim	60	83	66	68	87	54	43
Mayo	282	283	304	271	274	212	181
Roscommon	135	120	154	141	147	85	83
Sligo	118	146	151	150	159	103	100
ULSTER (PART OF)	599	658	688	813	690	474	400
Cavan	192	197	204	229	200	140	105
Donegal	274	323	346	436	339	239	215
Monaghan	133	138	138	148	151	95	80
REGIONAL AUTHORITIES:							
Border	1,032	1,193	1,201	1,349	1,240	844	737
Midland	638	748	711	818	765	528	406
West	1,013	1,064	1,101	1,041	1,051	744	629
Dublin	3,091	3,261	3,487	3,374	3,341	2,650	2,328
Mid-East	1,358	1,511	1,572	1,572	1,506	1,157	958
Mid-West	795	1,072	1,015	1,002	924	649	523
South-East	1,097	1,190	1,292	1,253	1,131	951	832
South-West	1,468	1,681	1,664	1,641	1,718	1,162	954

Table 2.19 Births per 1,000 women in each age-group, Ireland, England and Wales, 2011

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	12.3	21.2	317.8	243.0	11.3	20.4
20 - 24 "	48.8	71.6	221.7	294.9	41.1	58.1
25 - 29 "	88.9	104.3	214.0	230.8	53.8	63.9
30 - 34 "	134.8	111.9	220.9	174.6	57.1	61.8
35 - 39 "	97.8	62.1	131.8	77.4	43.1	43.0
40 - 44 "	22.4	13.3	26.5	13.9	14.2	12.4
45 - 49 "	1.1	0.9	1.3	0.9	0.6	0.9
Total 15 - 49 years	63.2	64.0	104.7	103.9	35.7	44.8

* 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, 1986-2011

Year	Live births	Maternities which resulted in live issue	Multiple confinements				Twinning rate
			Twins	Triplets	Quadruplets	Quintuplets	
1986	61,620	60,993	642	8	-	-	10.5
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

Table 2.21 Births by area of residence of mother during 2011 showing births outside marriage/civil partnership separately

Area of residence	Total (including outside marriage/civil partnership)			Rate per 1,000 population	Outside marriage/civil partnership			Percentage births outside marriage/civil partnership
	Males	Females	Total		Males	Females	Total	
STATE	37,898	36,135	74,033	16.2	12,841	12,250	25,091	33.9
LEINSTER	21,856	20,522	42,378	17.0	7,869	7,421	15,290	36.1
Carlow	513	479	992	18.1	185	168	353	35.6
Dublin City	4,124	3,956	8,080	15.7	1,788	1,701	3,489	43.2
South Dublin	2,627	2,420	5,047	18.9	1,070	1,048	2,118	42.0
Fingal	2,822	2,740	5,562	20.2	902	918	1,820	32.7
Dun Laoghaire Rathdown	1,497	1,345	2,842	13.8	405	332	737	25.9
Kildare	1,981	1,870	3,851	18.3	597	580	1,177	30.6
Kilkenny	766	659	1,425	14.9	241	188	429	30.1
Laois	714	632	1,346	16.6	262	229	491	36.5
Longford	349	286	635	16.1	109	100	209	32.9
Louth	972	914	1,886	15.3	417	388	805	42.7
Meath	1,789	1,738	3,527	19.0	512	489	1,001	28.4
Offaly	626	618	1,244	16.2	220	222	442	35.5
Westmeath	711	678	1,389	16.1	242	223	465	33.5
Wexford	1,234	1,062	2,296	15.7	514	442	956	41.6
Wicklow	1,131	1,125	2,256	16.5	405	393	798	35.4
MUNSTER	9,783	9,518	19,301	15.5	3,172	3,036	6,208	32.2
Clare	872	855	1,727	14.8	257	248	505	29.2
Cork City	794	781	1,575	13.5	367	361	728	46.2
Cork County	3,403	3,310	6,713	16.7	874	869	1,743	26.0
Kerry	980	1,021	2,001	14.0	325	317	642	32.1
Limerick City	393	370	763	13.6	188	184	372	48.8
Limerick County	1,173	1,123	2,296	17.2	357	323	680	29.6
North Tipperary	624	569	1,193	16.8	180	182	362	30.3
South Tipperary	623	607	1,230	13.8	248	220	468	38.0
Waterford City	430	400	830	17.9	201	168	369	44.5
Waterford County	491	482	973	14.4	175	164	339	34.8
CONNACHT	4,081	3,951	8,032	14.9	1,117	1,103	2,220	27.6
Galway City	574	541	1,115	15.6	161	171	332	29.8
Galway County	1,440	1,416	2,856	16.3	368	351	719	25.2
Leitrim	219	242	461	14.4	56	66	122	26.5
Mayo	911	896	1,807	13.9	249	243	492	27.2
Roscommon	444	422	866	13.5	117	120	237	27.4
Sligo	493	434	927	14.3	166	152	318	34.3
ULSTER (PART OF)	2,178	2,144	4,322	14.6	683	690	1,373	31.8
Cavan	640	627	1,267	17.3	180	193	373	29.4
Donegal	1,094	1,078	2,172	13.5	363	364	727	33.5
Monaghan	444	439	883	14.5	140	133	273	30.9
REGIONAL AUTHORITIES:								
Border	3,862	3,734	7,596	14.7	1,322	1,296	2,618	34.5
Midland	2,400	2,214	4,614	16.3	833	774	1,607	34.8
West	3,369	3,275	6,644	15.1	895	885	1,780	26.8
Dublin	11,070	10,461	21,531	17.1	4,165	3,999	8,164	37.9
Mid-East	4,901	4,733	9,634	18.0	1,514	1,462	2,976	30.9
Mid-West	3,062	2,917	5,979	15.8	982	937	1,919	32.1
South-East	4,057	3,689	7,746	15.5	1,564	1,350	2,914	37.6
South-West	5,177	5,112	10,289	15.5	1,566	1,547	3,113	30.3

Table 2.22 Average age at maternity by area of residence of mother during 2011 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	31.8	29.8	33.4	32.0	28.6	27.0
LEINSTER	31.6	29.7	33.3	31.9	28.6	27.0
Carlow	30.9	28.3	32.8	31.2	27.3	25.3
Dublin City	31.2	29.6	33.2	31.9	28.7	27.3
South Dublin	30.9	28.9	32.8	31.3	28.3	26.5
Fingal	31.9	30.3	33.4	32.1	29.0	27.6
Dun Laoghaire Rathdown	33.5	31.8	34.6	33.0	30.3	29.3
Kildare	32.1	30.2	33.6	32.0	28.9	27.4
Kilkenny	32.1	29.8	33.8	31.9	28.2	26.7
Laois	31.1	29.0	32.8	31.6	28.0	26.1
Longford	31.5	29.2	33.2	31.5	28.1	26.7
Louth	30.7	28.5	33.0	31.3	27.7	26.3
Meath	32.2	30.1	33.4	31.8	29.0	27.3
Offaly	30.9	28.6	32.8	31.4	27.5	25.3
Westmeath	31.2	29.0	32.8	31.2	28.0	26.1
Wexford	30.9	28.5	32.9	31.1	28.0	26.3
Wicklow	32.0	29.9	33.7	32.2	28.9	27.3
MUNSTER	32.0	30.0	33.6	32.1	28.6	27.0
Clare	32.4	30.5	33.8	32.2	29.0	27.9
Cork City	30.3	28.8	32.5	31.3	27.7	26.4
Cork County	32.6	30.8	33.8	32.5	29.1	27.8
Kerry	32.0	30.0	33.5	32.1	29.0	26.9
Limerick City	29.8	27.4	32.2	30.8	27.2	24.8
Limerick County	32.0	30.0	33.5	32.0	28.3	26.7
North Tipperary	32.2	30.0	33.9	32.3	28.3	26.2
South Tipperary	31.4	29.2	33.5	32.1	28.1	26.6
Waterford City	30.8	28.9	32.7	31.5	28.4	26.9
Waterford County	32.3	29.8	34.0	32.3	29.1	27.1
CONNACHT	32.3	30.4	33.5	32.2	29.0	27.5
Galway City	31.9	30.7	32.8	31.6	29.8	29.2
Galway County	32.7	30.6	33.9	32.5	29.2	27.5
Leitrim	32.2	30.1	33.5	32.7	28.4	25.7
Mayo	32.1	30.3	33.4	32.2	28.5	27.3
Roscommon	32.1	29.8	33.5	31.4	28.6	27.0
Sligo	32.1	30.3	33.7	32.7	29.1	27.2
ULSTER (PART OF)	31.4	29.0	33.1	31.5	27.9	25.9
Cavan	31.6	29.2	33.1	31.4	28.2	25.7
Donegal	31.3	29.0	33.1	31.9	27.6	25.8
Monaghan	31.6	28.7	33.2	30.9	28.2	26.3
REGIONAL AUTHORITIES:						
Border	31.4	29.1	33.2	31.7	28.0	26.1
Midland	31.1	28.9	32.9	31.4	27.9	25.9
West	32.3	30.5	33.5	32.1	29.1	27.7
Dublin	31.6	29.9	33.4	32.0	28.8	27.4
Mid-East	32.1	30.1	33.5	32.0	28.9	27.3
Mid-West	31.9	29.7	33.6	32.0	28.3	26.6
South-East	31.4	29.0	33.3	31.6	28.1	26.4
South-West	32.1	30.3	33.6	32.3	28.7	27.3

Table 2.23 Births inside and outside marriage/civil partnership and rates per 1,000 population, 1864-2011

Period	Inside marriage/civil partnership		Outside marriage/civil partnership				% of all births
	Total	Rate	Total	Rate	Male	Female	
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	10,517	28.77
1996	37,858	10.44	12,797	3.53	6,671	6,126	25.26
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	12,334	33.75
2011	48,942	10.70	25,091	5.48	12,841	12,250	33.89

Table 2.24a Total births in 2011 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	74,033	100.0	48,942	25,091	66.1	33.9	31.8
Ireland	57,261	77.3	37,651	19,610	65.8	34.2	32.1
United Kingdom	1,415	1.9	765	650	54.1	45.9	31.7
EU15 excl. Irl & UK	1,057	1.4	651	406	61.6	38.4	33.3
Accession states (EU27 excl. EU15)	8,014	10.8	4,971	3,043	62.0	38.0	29.1
Other	5,816	7.9	4,633	1,183	79.7	20.3	31.4
Not stated	470	0.6	271	199	57.7	42.3	30.9

Table 2.24b Total births in 2011 classified by nationality of parents

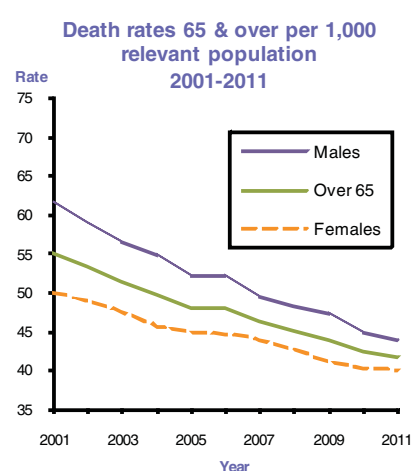
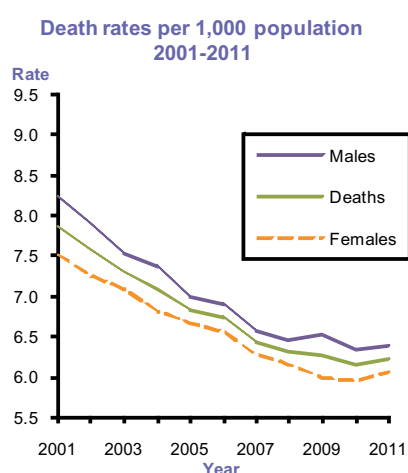
Nationality of mother	Nationality of father	Number	% of all births
Total		74,033	100.0
Ireland	Ireland	39,496	53.3
Ireland	United Kingdom	1,105	1.5
Ireland	EU15 excl. Irl & UK	305	0.4
Ireland	Accession states (EU27 excl. EU15)	349	0.5
Ireland	Other	873	1.2
Ireland	Not stated	15,133	20.4
United Kingdom	Ireland	723	1.0
EU15 excl. Irl & UK	Ireland	414	0.6
Accession states (EU27 excl. EU15)	Ireland	430	0.6
Other	Ireland	912	1.2
Not stated	Ireland	114	0.2
United Kingdom	United Kingdom	226	0.3
EU15 excl. Irl & UK	EU15 excl. Irl & UK	209	0.3
Accession states (EU27 excl. EU15)	Accession states (EU27 excl. EU15)	4,895	6.6
Other	Other	3,425	4.6
Remainder	Remainder	5,424	7.3

Chapter 3

Deaths 2011

There were 28,456 deaths in Ireland in 2011, of which 14,492 were males and 13,964 were females. This is equivalent to a rate of 6.2 deaths per 1,000 total population compared with 6.1 in 2010 and 6.3 in 2009. While 2011 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 per 1,000 of the population in 2011. See *text table II on page 51*.



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 same procedure is carried out for the calculation of EU rates. The standard reference population used is the European standard population as defined by the World Health Organisation (WHO).

For more information on the calculation of EU rate, please see http://epp.eurostat.ec.europa.eu/cache/ITY_SDDS/EN/hlth_cdeath_esms.htm

Table I Standardised death rates¹ per 1,000 population in the European Union², 2010

Area of residence	Death rate per 1,000	Area of residence	Death rate per 1,000
European Union (27 Countries)	5.87		
European Union (15 Countries)	5.29		
Belgium	5.77	Luxembourg	5.25
Bulgaria	9.65	Hungary	8.98
Czech Republic	7.25	Malta	5.17
Denmark	6.44	Netherlands	5.43
Germany	5.65	Austria	5.48
Estonia	8.00	Poland	7.74
Ireland	5.44	Portugal	5.85
Greece	5.58	Romania	9.48
Spain	4.88	Slovenia	6.01
France	5.02	Slovakia	8.53
Italy	4.78	Finland	5.74
Cyprus	5.12	Sweden	5.14
Latvia	9.56	United Kingdom	5.53
Lithuania	9.48		

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

² Data is for 2010 with the exceptions of Belgium and Denmark where the latest available data prior to 2010 is used.

Source: Eurostat

The latest available European Union standardised death rates are for 2010 and these rates are presented here and in table I above. The standardised death rate presented for Ireland for 2010 is 5.44 per 1,000 of population. This rate is below the standardised rate for the European Union 27 countries for which a rate of 5.87 has been calculated and above the standardised rate for the European Union 15 countries, which was calculated at 5.29 deaths per 1,000 of population. The Irish standardised death rate in 2010 was slightly lower than that of the United Kingdom, 5.44 per 1,000 of the Irish population compared with 5.53 per 1,000 of the UK population. See table I.

In certain areas the standardised death rates differ significantly from the crude rates, the extremes being Fingal which had a crude death rate of 3.23 and a standardised rate of 5.25 (reflecting the very young age structure in Fingal) and Leitrim where the standardisation had the effect of lowering the crude death rate from 9.26 to 7.19 because of the comparatively older age distribution in that county.

The standardised death rates in 2011 were lowest in Dun Laoghaire-Rathdown (at 5.02 per thousand) and highest in Limerick City (at 8.20 per thousand). See table 3.3.

Causes of Death

Of deaths occurring in 2011, just under 76% 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 (31.2%), and X (J00-J99) diseases of the respiratory system (12.1%). A similar overall breakdown is evident for males and females but for males neoplasms are highest in 2011 at 32.5% with diseases of the circulatory system following at 31.8%. See table 3.8.

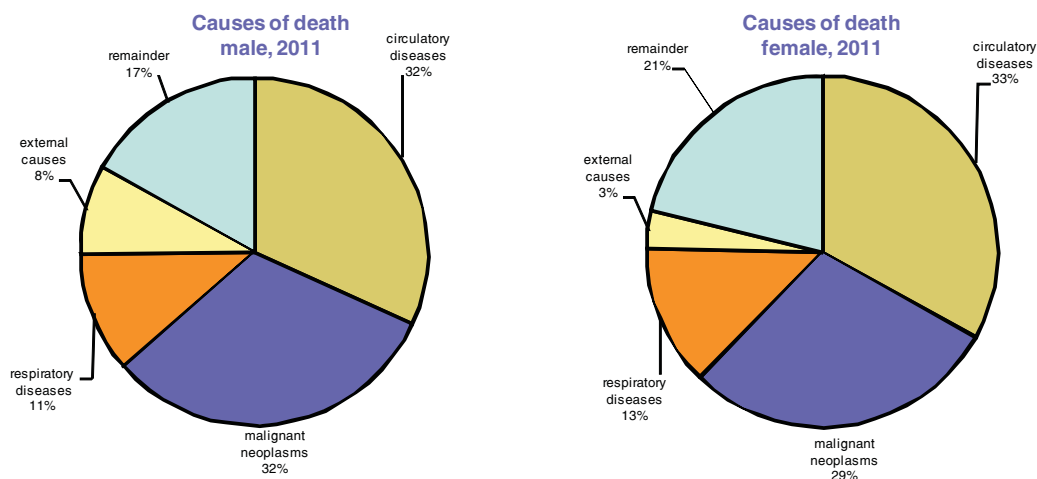


Table II Standardised death rates per 1,000 population for certain underlying causes of death in each year 1997 to 2011 and annual averages in the period 1981 to 2010

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
1997	31,581	7,569	13,496	4,855	1,485
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
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
1997	9.07	2.07	3.68	1.33	0.41
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

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 congenital malformations and chromosomal abnormalities (41%). In this age group 37.5% of male deaths and 45.6% of female deaths were attributed to these causes. Certain conditions originating in the perinatal period also accounted for a large volume of deaths (34.8%) in this age-group. The numbers of deaths in the 0-4 age-group are very much dominated by infant deaths (89.4% aged 0). See tables 3.9, 3.10 and Chapter 4.

A large proportion of deaths in younger age-groups, from ages 5 to 34, were due to external causes of injury and poisoning (62%). Over 70% of males aged 5 to 34 died due external causes of injury and poisoning. The corresponding figure for females was 41%. Additionally, there were 3 male deaths for every 1 female death in this age group. External causes of injury and poisoning (47.6%) were also the main causes of death for males aged 35-44 while neoplasms (48.4%) were the main causes of female deaths in this age-group.

From 45 to 74 years of age, neoplasms were the main underlying cause of death for both males (42.9%) and females (53.0%), with older age-groups (75 years and over) more affected by diseases of the circulatory system for both males (37.3%) and females (39.8%). See table 3.9.

Neoplasms

There were 8,871 deaths due to neoplasms in 2011, 1.94 per 1,000 of population. Of these, 8,666 were due to malignant neoplasm, 4,592 males and 4,074 females. See tables 3.12, 3.13 and 3.14.

Malignant neoplasm of the digestive organs was the most common of these cancers (30.9%). 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 35 to 74 and in males aged from 45 to 74. See tables 3.9, 3.10, 3.13, 3.14 and 3.15.

Limerick City had the highest age standardised death rate from cancer, 2.50 per 1,000 of population, while Kilkenny had the lowest at 1.68 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 1988-2011

Year	Ireland*	Northern 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

* Exclusive of Northern Ireland

Diseases of the circulatory system

There were 9,236 deaths attributed to diseases of the circulatory system in 2011, of which 4,614 were deaths of males and 4,622 were deaths of females.

Overall, diseases of the circulatory system were the most common causes of death in 2011, 2.02 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 2.3 male deaths for every 1 female death. See tables 3.9 and 3.12.

For deaths caused by diseases of the circulatory system, 51% were due to Ischaemic heart diseases (57.3% male, 44.6% female) and 21.6% were due to cerebrovascular diseases (17.9% male and 25.2% female). Acute myocardial infarction accounted for 2,123 of the 4,707 Ischaemic heart disease deaths. See tables 3.16 and 3.18.

North Tipperary recorded the highest age-standardised death rate for diseases of the circulatory system, 2.72 per 1,000 of population, while Fingal 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 2011 numbered 3,438, of which 1,625 were males and 1,813 were females. These were largely made up of 1,504 deaths from chronic lower respiratory diseases and 1,062 deaths due to pneumonia. See tables 3.19, 3.20 and 3.21.

Diseases of the respiratory system accounted for 12.1% of all deaths (0.75 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 3.9 and 3.12.

Leitrim recorded the highest age-standardised death rate for diseases of the respiratory system, 1.09 per 1,000 of population, while both Laois and North Tipperary recorded the lowest at 0.58 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 2011 was 1,693, of which 1,211 were males and 482 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 59.6% of all external causes of injury and poisoning, while intentional self harm accounted for a further 32.7%. Events of undetermined intent and assaults represented 4% and 1.7% respectively, while complications of medical and surgical care and sequelae of external causes of morbidity and mortality accounted for the remainder. See table 3.22.

Over two and a half times as many males died due to external causes compared with females in 2011. Differences in more specific causes of death and also within different age-groups were also significant. Almost twice as many males died due to accidents compared with females in 2011. The number of male deaths due to accidents was over 3 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 (43.8%), 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 (54.4%). The majority of female accidents occurred in the older age-groups, particularly in females aged 75 and over which accounted for 45.7% of female accidents, 50% 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 1981-2011 classified by sex

Year	Total	Male	Female	Year	Total	Male	Female
Average-							
1941-1950	77	62	16	1993	327	260	67
1951-1960	71	56	15	1994	395	305	90
1961-1970	64	50	14	1995	404	321	83
1971-1980	145	102	43	1996	409	345	64
1981-1990	266	198	68	1997	478	386	92
1991-2000	418	339	79	1998	514	433	81
2001-2010	494	397	97	1999	455	358	97
1981	223	158	65	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

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

There were 554 deaths due to intentional self-harm in 2011, 458 males and 96 females. Within 10 year age-groups, the highest numbers were recorded in the 25-34 age-group, for males and females, 21.8% and 28.1% respectively.

Events of undetermined intent accounted for an additional 67 deaths in 2011. See *tables 3.22, 3.23 and 3.24*.

Limerick City recorded the highest age-standardised death rate for external causes of injury and poisoning, 0.58 per 1,000 of population, while both Sligo and Dun Laoghaire-Rathdown recorded the lowest at 0.21 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 2011 was 5,120 compared with 5,562 in 2010 and 5,343 in 2009.

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 2010 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 2000-2011 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
2000	16,192	232	20	21	146	205	355	478	970	1,870	3,876	5,387	2,632
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
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
2000	15,199	151	19	22	61	63	116	307	626	1,074	2,561	5,247	4,952
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

Table 3.1 (continued) Average annual number of deaths for the period 1864-2010 and the number of deaths in the years 2000-2011 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
2000	31,391	383	39	43	207	268	471	785	1,596	2,944	6,437	10,634	7,584
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

* 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 2000-2011 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
2000	8.60	1.69	0.15	0.14	0.86	1.30	1.25	1.78	4.15	11.47	34.12	93.04	223.05
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
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
2000	7.97	1.17	0.15	0.15	0.38	0.41	0.41	1.13	2.72	6.67	20.15	60.45	179.42
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

Table 3.2 (continued) Average annual death rates for the period 1864-2010 and death rates for the years 2000-2011 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
2000	8.28	1.44	0.15	0.15	0.63	0.86	0.83	1.45	3.44	9.09	26.75	73.49	192.49
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

Table 3.3 Crude and standardised death rates by area of residence of deceased in 2011

Area of residence of deceased	Deaths	Rates per 1,000 population	
		Crude	Standardised
STATE	28,456	6.22	6.22
LEINSTER	14,231	5.69	6.18
Carlow	356	6.51	6.68
Dublin City	4,127	8.03	7.27
South Dublin	1,114	4.18	5.82
Fingal	889	3.23	5.25
Dún Laoghaire-Rathdown	1,294	6.30	5.02
Kildare	870	4.13	5.85
Kilkenny	597	6.24	5.93
Laois	426	5.25	6.10
Longford	265	6.72	6.29
Louth	727	5.88	6.29
Meath	805	4.33	5.72
Offaly	447	5.81	5.85
Westmeath	550	6.38	6.37
Wexford	957	6.56	6.52
Wicklow	807	5.89	6.41
MUNSTER	8,447	6.80	6.40
Clare	725	6.20	5.90
Cork City	1,055	9.03	7.43
Cork County	2,235	5.56	5.81
Kerry	1,124	7.84	6.59
Limerick City	496	8.83	8.20
Limerick County	866	6.48	6.51
North Tipperary	569	8.01	7.04
South Tipperary	589	6.61	5.83
Waterford City	336	7.25	6.97
Waterford County	452	6.70	6.13
CONNACHT	3,758	6.99	6.02
Galway City	338	4.72	6.00
Galway County	1,117	6.39	5.77
Leitrim	297	9.26	7.19
Mayo	1,035	7.95	6.11
Roscommon	485	7.54	5.82
Sligo	486	7.50	6.14
ULSTER (PART OF)	2,020	6.85	6.18
Cavan	551	7.51	6.87
Donegal	1,061	6.60	5.87
Monaghan	408	6.69	6.13
REGIONAL AUTHORITIES:			
Border	3,530	6.85	6.27
Midland	1,688	5.95	6.13
West	2,975	6.75	5.91
Dublin	7,424	5.88	6.22
Mid-East	2,482	4.65	5.97
Mid-West	2,656	7.03	6.68
South-East	3,287	6.58	6.28
South-West	4,414	6.66	6.31

Table 3.4 Deaths in 2011 classified by marital status and sex in certain age-groups

Age-group	Total	Single	Married	Widowed	Separated	Divorced
Persons						
All ages	28,456	6,851	10,636	9,829	658	482
0-14	340	340	-	-	-	-
15-19	107	107	-	-	-	-
20-24	173	170	3	-	-	-
25-29	213	189	23	-	1	-
30-34	266	192	69	-	3	2
35-39	312	185	108	3	11	5
40-44	446	223	183	3	22	15
45-49	611	220	315	9	41	26
50-54	820	246	435	20	66	53
55-59	1,182	311	670	63	83	55
60-64	1,765	388	1,015	168	107	87
65-69	2,182	437	1,299	282	89	75
70-74	2,712	538	1,465	575	78	56
75-79	3,777	714	1,782	1,158	68	55
80-84	4,602	903	1,617	2,003	49	30
85 & over	8,948	1,688	1,652	5,545	40	23
Males						
All ages	14,492	4,175	7,021	2,600	409	287
0-14	196	196	-	-	-	-
15-19	72	72	-	-	-	-
20-24	134	132	2	-	-	-
25-29	153	143	10	-	-	-
30-34	185	141	43	-	1	-
35-39	206	132	64	1	6	3
40-44	277	161	97	-	13	6
45-49	364	148	186	3	18	9
50-54	508	179	249	8	38	34
55-59	720	220	378	29	57	36
60-64	1,079	285	603	68	66	57
65-69	1,324	325	795	105	57	42
70-74	1,650	393	962	199	58	38
75-79	2,148	488	1,237	347	43	33
80-84	2,293	531	1,155	553	34	20
85 & over	3,183	629	1,240	1,287	18	9
Females						
All ages	13,964	2,676	3,615	7,229	249	195
0-14	144	144	-	-	-	-
15-19	35	35	-	-	-	-
20-24	39	38	1	-	-	-
25-29	60	46	13	-	1	-
30-34	81	51	26	-	2	2
35-39	106	53	44	2	5	2
40-44	169	62	86	3	9	9
45-49	247	72	129	6	23	17
50-54	312	67	186	12	28	19
55-59	462	91	292	34	26	19
60-64	686	103	412	100	41	30
65-69	858	112	504	177	32	33
70-74	1,062	145	503	376	20	18
75-79	1,629	226	545	811	25	22
80-84	2,309	372	462	1,450	15	10
85 & over	5,765	1,059	412	4,258	22	14

Table 3.5 Deaths by area of residence in 2011 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	14,492	13,964	3,722	4,688	32	22	6,542	6,056	4,196	3,198
LEINSTER	7,097	7,134	2,552	3,048	15	9	2,708	2,668	1,822	1,409
Carlow	177	179	20	25	1	-	97	103	59	51
Dublin City	1,985	2,142	927	1,210	1	-	628	606	429	326
South Dublin	572	542	365	356	-	-	125	129	82	57
Fingal	433	456	236	244	-	1	113	141	84	70
Dun Laoghaire-Rathdown	621	673	321	359	5	-	202	231	93	83
Kildare	458	412	117	130	-	-	206	181	135	101
Kilkenny	306	291	43	68	3	3	156	152	104	68
Laois	221	205	29	32	-	1	105	109	87	63
Longford	128	137	14	37	-	-	67	62	47	38
Louth	341	386	69	92	-	-	175	182	97	112
Meath	417	388	89	137	1	1	183	148	144	102
Offaly	238	209	39	34	-	-	112	120	87	55
Westmeath	274	276	62	62	2	-	122	141	88	73
Wexford	503	454	75	113	2	2	248	213	178	126
Wicklow	423	384	146	149	-	1	169	150	108	84
MUNSTER	4,334	4,113	753	1,042	15	10	2,166	1,985	1,400	1,076
Clare	368	357	34	72	1	1	219	199	114	85
Cork City	515	540	191	244	2	1	192	187	130	108
Cork County	1,154	1,081	226	271	5	6	541	531	382	273
Kerry	587	537	80	118	2	-	291	253	214	166
Limerick City	240	256	19	49	-	-	149	147	72	60
Limerick County	462	404	64	84	4	1	237	212	157	107
North Tipperary	293	276	49	72	-	-	148	110	96	94
South Tipperary	289	300	47	71	1	-	145	145	96	84
Waterford City	185	151	14	30	-	-	112	91	59	30
Waterford County	241	211	29	31	-	1	132	110	80	69
CONNACHT	1,957	1,801	271	412	2	2	1,075	937	609	450
Galway City	167	171	21	41	-	-	93	95	53	35
Galway County	575	542	95	139	-	1	314	266	166	136
Leitrim	166	131	25	44	1	-	86	53	54	34
Mayo	536	499	57	96	-	-	288	263	191	140
Roscommon	258	227	48	54	1	1	129	115	80	57
Sligo	255	231	25	38	-	-	165	145	65	48
ULSTER (Part of)	1,104	916	146	186	-	1	593	466	365	263
Cavan	299	252	50	79	-	-	146	113	103	60
Donegal	581	480	65	66	-	-	325	268	191	146
Monaghan	224	184	31	41	-	1	122	85	71	57
REGIONAL AUTHORITIES:										
Border	1,866	1,664	265	360	1	1	1,019	846	581	457
Midland	861	827	144	165	2	1	406	432	309	229
West	1,536	1,439	221	330	1	2	824	739	490	368
Dublin	3,611	3,813	1,849	2,169	6	1	1,068	1,107	688	536
Mid-East	1,298	1,184	352	416	1	2	558	479	387	287
Mid-West	1,363	1,293	166	277	5	2	753	668	439	346
South-East	1,701	1,586	228	338	7	6	890	814	576	428
South-West	2,256	2,158	497	633	9	7	1,024	971	726	547

Table 3.6 Deaths in 2011 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	28,456	293	47	280	479	758	1,431	2,947	4,894	8,379	8,948
LEINSTER	14,231	151	23	141	268	457	756	1,490	2,534	4,158	4,253
Carlow	356	2	-	4	6	16	17	35	66	113	97
Dublin City	4,127	21	4	39	74	135	222	417	676	1,247	1,292
South Dublin	1,114	14	3	17	32	41	80	144	228	303	252
Fingal	889	20	2	7	24	28	60	120	198	241	189
Dun Laoghaire-Rathdown	1,294	11	-	6	10	15	62	107	205	405	473
Kildare	870	11	3	14	14	45	51	103	188	210	231
Kilkenny	597	5	2	5	11	17	25	56	104	166	206
Laois	426	5	-	3	6	13	23	41	70	138	127
Longford	265	1	2	1	4	9	14	29	40	83	82
Louth	727	8	-	9	19	28	33	77	121	193	239
Meath	805	15	2	10	13	22	36	93	149	230	235
Offaly	447	7	-	4	10	19	21	34	75	135	142
Westmeath	550	8	-	1	13	11	28	54	94	170	171
Wexford	957	10	3	12	21	35	42	80	174	302	278
Wicklow	807	13	2	9	11	23	42	100	146	222	239
MUNSTER	8,447	89	15	84	135	187	421	857	1,461	2,524	2,674
Clare	725	8	2	5	8	11	35	83	130	212	231
Cork City	1,055	7	2	10	17	19	51	108	194	309	338
Cork County	2,235	27	5	23	47	63	109	206	370	668	717
Kerry	1,124	11	2	9	16	20	54	128	189	321	374
Limerick City	496	6	-	7	10	13	33	55	95	140	137
Limerick County	866	15	2	10	14	19	39	91	157	266	253
North Tipperary	569	3	-	5	6	15	26	55	84	180	195
South Tipperary	589	5	1	10	5	12	35	55	94	168	204
Waterford City	336	2	-	2	5	9	11	30	61	110	106
Waterford County	452	5	1	3	7	6	28	46	87	150	119
CONNACHT	3,758	38	6	33	49	72	170	386	562	1,105	1,337
Galway City	338	2	1	6	6	15	23	37	52	85	111
Galway County	1,117	17	1	8	19	23	49	106	186	322	386
Leitrim	297	3	1	1	3	4	14	34	50	81	106
Mayo	1,035	6	1	13	13	20	40	104	130	304	404
Roscommon	485	5	1	2	4	3	22	45	77	154	172
Sligo	486	5	1	3	4	7	22	60	67	159	158
ULSTER (Part of)	2,020	15	3	22	27	42	84	214	337	592	684
Cavan	551	5	-	6	9	12	19	54	82	162	202
Donegal	1,061	7	2	10	8	25	45	116	185	308	355
Monaghan	408	3	1	6	10	5	20	44	70	122	127
REGIONAL AUTHORITIES:											
Border	3,530	31	5	35	53	81	153	385	575	1,025	1,187
Midland	1,688	21	2	9	33	52	86	158	279	526	522
West	2,975	30	4	29	42	61	134	292	445	865	1,073
Dublin	7,424	66	9	69	140	219	424	788	1,307	2,196	2,206
Mid-East	2,482	39	7	33	38	90	129	296	483	662	705
Mid-West	2,656	32	4	27	38	58	133	284	466	798	816
South-East	3,287	29	7	36	55	95	158	302	586	1,009	1,010
South-West	4,414	45	9	42	80	102	214	442	753	1,298	1,429

Table 3.7 Deaths in 2011 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	28,456	622.0	14,204	784.4
A00-B99	1	I Infectious and parasitic diseases	235	5.1	157	8.7
C00-D48	6	II Neoplasms	8,871	193.9	4,159	229.7
D50-D89	25	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	78	1.7	33	1.8
E00-E90	26	IV Endocrine, nutritional and metabolic diseases	634	13.9	238	13.1
F00-F99	28	V Mental and behavioural disorders	808	17.7	894	49.4
G00-G99	31	VI Diseases of the nervous system	1,113	24.3	*	*
H00-H59	31	VII Diseases of the eye and adnexa	-	-	672	37.1
H60-H95	31	VIII Diseases of the ear and mastoid process	-	-	*	*
I00-I99	33	IX Diseases of the circulatory system	9,236	201.9	3,951	218.2
J00-J99	37	X Diseases of the respiratory system	3,438	75.1	1,923	106.2
K00-K93	42	XI Diseases of the digestive system	1,048	22.9	657	36.3
L00-L99	45	XII Diseases of the skin and subcutaneous tissue	37	0.8	23	1.3
M00-M99	46	XIII Diseases of musculoskeletal system and connective tissue	182	4.0	103	5.7
N00-N99	48	XIV Diseases of genitourinary system	689	15.1	331	18.3
O00-O99	50	XV Complications of pregnancy, childbirth and puerperium	2	0.0	4	0.2
P00-P96	51	XVI Certain conditions originating in the perinatal period	102	2.2	57	3.1
Q00-Q99	52	XVII Congenital malformations and chromosomal abnormalities	182	4.0	72	4.0
R00-R99	55	XVIII Symptoms, signs, abnormal findings, ill-defined causes	108	2.4	145	8.0
V01-Y89	58	XX External causes of injury and poisoning	1,693	37.0	785	43.3

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

Table 3.8 Deaths in 2011 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	28,456	14,492	13,964	100	100	100
A00-B99	I Infectious and parasitic diseases	235	110	125	0.8	0.8	0.9
C00-D48	II Neoplasms	8,871	4,706	4,165	31.2	32.5	29.8
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	78	33	45	0.3	0.2	0.3
E00-E90	IV Endocrine, nutritional and metabolic diseases	634	329	305	2.2	2.3	2.2
F00-F99	V Mental and behavioural disorders	808	277	531	2.8	1.9	3.8
G00-G99	VI Diseases of the nervous system	1,113	508	605	3.9	3.5	4.3
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	9,236	4,614	4,622	32.5	31.8	33.1
J00-J99	X Diseases of the respiratory system	3,438	1,625	1,813	12.1	11.2	13.0
K00-K93	XI Diseases of the digestive system	1,048	507	541	3.7	3.5	3.9
L00-L99	XII Diseases of the skin and subcutaneous tissue	37	14	23	0.1	0.1	0.2
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	182	65	117	0.6	0.4	0.8
N00-N99	XIV Diseases of genitourinary system	689	289	400	2.4	2.0	2.9
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	102	62	40	0.4	0.4	0.3
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	182	94	88	0.6	0.6	0.6
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	108	48	60	0.4	0.3	0.4
V01-Y89	XX External causes of injury and poisoning	1,693	1,211	482	5.9	8.4	3.5

Table 3.9 Deaths in 2011 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	14,492	168	28	206	338	483	872	1,799	2,974	4,441	3,183
		F	13,964	125	19	74	141	275	559	1,148	1,920	3,938	5,765
A00-B99	I Infectious and parasitic diseases	M	110	5	-	-	6	13	12	10	15	27	22
		F	125	1	-	2	1	7	6	6	11	44	47
C00-D48	II Neoplasms	M	4,706	3	13	18	32	75	265	825	1,334	1,458	683
		F	4,165	2	4	14	37	133	283	671	970	1,208	843
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	33	-	-	-	1	2	4	4	5	11	6
		F	45	2	-	-	1	2	3	6	7	7	17
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	329	3	-	8	9	6	11	31	68	112	81
		F	305	3	2	10	2	3	7	14	32	88	144
F00-F99	V Mental and behavioural disorders	M	277	-	-	-	-	1	2	13	24	121	116
		F	531	1	-	-	1	2	2	5	22	141	357
G00-G99	VI Diseases of the nervous system	M	508	7	2	9	8	17	26	49	81	189	120
		F	605	3	2	6	12	6	21	34	72	196	253
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	4,614	2	1	-	25	75	246	508	914	1,573	1,270
		F	4,622	2	-	2	11	26	105	184	435	1,325	2,532
J00-J99	X Diseases of the respiratory system	M	1,625	2	2	1	3	10	30	97	273	627	580
		F	1,813	-	-	2	3	6	15	68	201	552	966
K00-K93	XI Diseases of the digestive system	M	507	-	-	6	7	39	58	89	108	111	89
		F	541	1	-	-	5	22	46	68	72	145	182
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	14	-	-	-	-	-	1	-	4	2	7
		F	23	-	-	-	-	-	1	2	-	5	15
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	65	-	-	1	-	3	4	4	10	26	17
		F	117	-	-	1	1	3	2	10	12	39	49
N00-N99	XIV Diseases of genitourinary system	M	289	1	1	-	-	-	4	13	37	108	125
		F	400	-	-	-	1	2	2	14	36	111	234
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	2	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	62	62	-	-	-	-	-	-	-	-	-
		F	40	40	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	94	63	1	3	4	7	2	10	3	1	-
		F	88	57	5	2	4	-	8	9	3	-	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	48	13	-	4	3	5	1	4	4	2	12
		F	60	11	1	1	3	2	2	4	2	4	30
V01-Y89	XX External causes of injury and poisoning	M	1,211	7	8	156	240	230	206	142	94	73	55
		F	482	2	5	34	57	61	56	53	45	73	96

Table 3.10 Percentage of deaths in 2011 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	3.0	-	-	1.8	2.7	1.4	0.6	0.5	0.6	0.7
		F	0.9	0.8	-	2.7	0.7	2.5	1.1	0.5	0.6	1.1	0.8
C00-D48	II Neoplasms	M	32.5	1.8	46.4	8.7	9.5	15.5	30.4	45.9	44.9	32.8	21.5
		F	29.8	1.6	21.1	18.9	26.2	48.4	50.6	58.4	50.5	30.7	14.6
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	0.2	-	-	-	0.3	0.4	0.5	0.2	0.2	0.2	0.2
		F	0.3	1.6	-	-	0.7	0.7	0.5	0.5	0.4	0.2	0.3
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2.3	1.8	-	3.9	2.7	1.2	1.3	1.7	2.3	2.5	2.5
		F	2.2	2.4	10.5	13.5	1.4	1.1	1.3	1.2	1.7	2.2	2.5
F00-F99	V Mental and behavioural disorders	M	1.9	-	-	-	-	0.2	0.2	0.7	0.8	2.7	3.6
		F	3.8	0.8	-	-	0.7	0.7	0.4	0.4	1.1	3.6	6.2
G00-G99	VI Diseases of the nervous system	M	3.5	4.2	7.1	4.4	2.4	3.5	3.0	2.7	2.7	4.3	3.8
		F	4.3	2.4	10.5	8.1	8.5	2.2	3.8	3.0	3.8	5.0	4.4
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	31.8	1.2	3.6	-	7.4	15.5	28.2	28.2	30.7	35.4	39.9
		F	33.1	1.6	-	2.7	7.8	9.5	18.8	16.0	22.7	33.6	43.9
J00-J99	X Diseases of the respiratory system	M	11.2	1.2	7.1	0.5	0.9	2.1	3.4	5.4	9.2	14.1	18.2
		F	13.0	-	-	2.7	2.1	2.2	2.7	5.9	10.5	14.0	16.8
K00-K93	XI Diseases of the digestive system	M	3.5	-	-	2.9	2.1	8.1	6.7	4.9	3.6	2.5	2.8
		F	3.9	0.8	-	-	3.5	8.0	8.2	5.9	3.8	3.7	3.2
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	0.1	-	-	-	-	-	0.1	-	0.1	0.0	0.2
		F	0.2	-	-	-	-	-	0.2	0.2	-	0.1	0.3
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	0.4	-	-	0.5	-	0.6	0.5	0.2	0.3	0.6	0.5
		F	0.8	-	-	1.4	0.7	1.1	0.4	0.9	0.6	1.0	0.8
N00-N99	XIV Diseases of genitourinary system	M	2.0	0.6	3.6	-	-	-	0.5	0.7	1.2	2.4	3.9
		F	2.9	-	-	-	0.7	0.7	0.4	1.2	1.9	2.8	4.1
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	0.0	-	-	-	1.4	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	0.4	36.9	-	-	-	-	-	-	-	-	-
		F	0.3	32.0	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	0.6	37.5	3.6	1.5	1.2	1.4	0.2	0.6	0.1	0.0	-
		F	0.6	45.6	26.3	2.7	2.8	-	1.4	0.8	0.2	-	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	0.3	7.7	-	1.9	0.9	1.0	0.1	0.2	0.1	0.0	0.4
		F	0.4	8.8	5.3	1.4	2.1	0.7	0.4	0.3	0.1	0.1	0.5
V01-Y89	XX External causes of injury and poisoning	M	8.4	4.2	28.6	75.7	71.0	47.6	23.6	7.9	3.2	1.6	1.7
		F	3.5	1.6	26.3	45.9	40.4	22.2	10.0	4.6	2.3	1.9	1.7

Table 3.11 Deaths in 2011 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	14,492	7,097	4,334	1,957	1,104	177	1,985	572	433	621
		F	13,964	7,134	4,113	1,801	916	179	2,142	542	456	673
A00-B99	I Infectious and parasitic diseases	M	110	70	31	5	4	1	27	6	3	9
		F	125	71	32	12	10	2	33	7	4	4
C00-D48	II Neoplasms	M	4,706	2,349	1,400	616	341	62	639	202	157	216
		F	4,165	2,230	1,177	516	242	63	649	180	174	221
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	33	17	8	2	6	-	3	2	1	1
		F	45	22	13	6	4	1	3	-	2	3
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	329	151	100	45	33	8	19	19	6	12
		F	305	139	88	49	29	5	30	8	10	9
F00-F99	V Mental and behavioural disorders	M	277	141	88	30	18	2	41	13	7	16
		F	531	290	165	57	19	8	102	16	25	40
G00-G99	VI Diseases of the nervous system	M	508	250	148	72	38	2	74	25	19	25
		F	605	306	175	80	44	6	89	34	14	37
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	4,614	2,164	1,422	656	372	54	613	147	119	177
		F	4,622	2,276	1,418	612	316	49	705	157	110	214
J00-J99	X Diseases of the respiratory system	M	1,625	781	460	245	139	20	229	64	42	81
		F	1,813	943	493	237	140	27	272	67	57	81
K00-K93	XI Diseases of the digestive system	M	507	271	140	65	31	8	102	19	15	25
		F	541	261	162	81	37	7	84	19	15	22
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	14	5	7	2	-	-	2	-	-	-
		F	23	13	6	3	1	-	3	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	65	31	21	7	6	1	5	1	1	5
		F	117	48	48	13	8	1	13	2	4	2
N00-N99	XIV Diseases of genitourinary system	M	289	137	72	45	35	4	34	6	10	13
		F	400	204	115	51	30	4	66	17	11	17
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	62	32	19	9	2	1	4	1	4	3
		F	40	20	10	8	2	-	6	2	4	2
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	94	54	27	8	5	1	6	6	8	3
		F	88	43	29	11	5	1	4	8	4	2
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	48	27	14	5	2	1	7	-	1	3
		F	60	23	21	11	5	-	6	3	-	-
V01-Y89	XX External causes of injury and poisoning	M	1,211	617	377	145	72	12	180	61	40	32
		F	482	243	161	54	24	5	76	22	22	19

Table 3.11 (continued) Deaths in 2011 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	458	306	221	128	341	417	238	274	503
		F	412	291	205	137	386	388	209	276	454
A00-B99	I Infectious and parasitic diseases	M	1	3	1	-	3	6	3	2	3
		F	3	4	1	-	5	1	-	4	1
C00-D48	II Neoplasms	M	147	94	65	40	110	161	69	100	148
		F	138	74	64	36	116	128	63	81	144
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	1	3	1	2	2	-	1	-	-
		F	4	2	-	1	2	1	1	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	13	8	7	3	10	11	6	6	9
		F	3	6	7	7	13	14	3	8	8
F00-F99	V Mental and behavioural disorders	M	11	5	5	2	3	5	6	3	12
		F	16	12	8	1	6	12	6	8	12
G00-G99	VI Diseases of the nervous system	M	8	15	7	6	13	10	8	6	20
		F	7	13	9	-	16	20	4	9	28
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	149	93	75	42	101	127	85	85	162
		F	139	103	70	49	118	122	79	98	144
J00-J99	X Diseases of the respiratory system	M	43	33	22	21	34	36	26	32	60
		F	54	44	18	23	54	46	35	36	64
K00-K93	XI Diseases of the digestive system	M	12	14	2	3	16	9	4	6	18
		F	17	9	12	6	17	10	7	8	14
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	1	-	-	-	1
		F	-	1	1	1	2	1	1	-	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	1	-	1	-	-	5	4	1	3
		F	1	4	1	2	4	2	1	4	4
N00-N99	XIV Diseases of genitourinary system	M	6	10	9	2	5	5	2	9	11
		F	10	10	2	3	11	12	2	7	14
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	1	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	3	-	-	-	-	7	1	2	4
		F	1	1	-	-	1	1	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	4	2	3	-	2	4	3	1	5
		F	1	2	2	1	3	4	-	3	3
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	4	-	2	-	-	2	2	1	2
		F	2	-	2	2	1	3	1	1	1
V01-Y89	XX External causes of injury and poisoning	M	55	26	21	7	41	29	18	20	45
		F	16	6	8	5	17	10	6	9	15

Table 3.11 (continued) Deaths in 2011 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	382	397	532	1,066	615	238	454	313	353	153
		F	324	364	541	1,029	511	209	413	288	299	150
A00-B99	I Infectious and parasitic diseases	M	3	2	1	5	6	2	2	2	7	2
		F	2	-	8	15	1	2	2	5	8	2
C00-D48	II Neoplasms	M	122	113	146	338	171	66	125	96	104	49
		F	101	112	160	311	148	61	100	95	80	44
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	1	-	1	3	1	2	1	-	1	2
		F	1	-	-	3	3	-	1	-	1	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	6	17	9	37	14	6	10	7	8	6
		F	6	11	12	27	5	5	12	8	13	4
F00-F99	V Mental and behavioural disorders	M	12	6	17	22	15	4	8	6	5	4
		F	14	10	33	35	16	5	8	11	8	5
G00-G99	VI Diseases of the nervous system	M	14	8	18	39	23	6	8	5	14	3
		F	16	9	29	43	20	10	17	6	6	7
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	162	174	358	210	83	163	128	125	36
		F	102	145	171	358	193	80	154	115	118	49
J00-J99	X Diseases of the respiratory system	M	30	42	66	92	70	28	59	29	32	22
		F	47	40	57	89	65	27	63	21	33	21
K00-K93	XI Diseases of the digestive system	M	11	9	21	43	28	8	21	16	17	10
		F	15	8	19	45	29	3	16	12	10	8
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	3	-	1	4	-	-	1	-	1	-
		F	-	1	2	4	1	1	2	-	2	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	2	1	3	5	2	1	-	1	-	2
		F	1	4	7	11	5	2	4	1	5	1
N00-N99	XIV Diseases of genitourinary system	M	8	6	8	14	14	2	8	4	8	-
		F	5	9	8	19	9	1	12	4	6	5
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	5	1	2	3	5	6	1	-	1	2
		F	4	3	2	4	1	1	4	-	-	1
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	4	2	6	11	6	-	4	1	3	-
		F	3	1	4	13	2	-	3	1	-	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	1	5	2	1	-	1	-	2	1
		F	1	1	-	1	-	2	-	3	-	-
V01-Y89	XX External causes of injury and poisoning	M	34	27	54	90	49	24	42	18	25	14
		F	6	10	29	51	13	9	15	6	9	2

Table 3.11 (continued) Deaths in 2011 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	241	167	575	166	536	258	255	299	581	224
		F	211	171	542	131	499	227	231	252	480	184
A00-B99	I Infectious and parasitic diseases	M	1	1	2	-	1	1	-	1	1	2
		F	-	3	3	-	3	1	2	1	6	3
C00-D48	II Neoplasms	M	76	56	178	48	170	82	82	89	180	72
		F	63	59	157	34	129	64	73	53	138	51
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	1	-	-	1	-	2	2	2
		F	3	1	2	2	-	-	1	3	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	6	3	10	6	13	6	7	9	20	4
		F	7	4	11	9	14	4	7	7	14	8
F00-F99	V Mental and behavioural disorders	M	8	3	9	5	4	3	6	3	13	2
		F	10	7	17	1	18	5	9	4	11	4
G00-G99	VI Diseases of the nervous system	M	4	4	22	6	14	10	16	10	21	7
		F	10	10	25	4	17	6	18	16	18	10
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	91	48	188	52	189	93	86	105	194	73
		F	64	49	164	44	197	88	70	104	151	61
J00-J99	X Diseases of the respiratory system	M	23	21	72	28	65	34	25	36	74	29
		F	23	14	82	18	63	32	28	34	81	25
K00-K93	XI Diseases of the digestive system	M	5	7	19	6	17	9	7	5	18	8
		F	12	8	26	6	25	9	7	8	21	8
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	1	-	-	1	-	-	-	-	-
		F	-	-	1	-	2	-	-	-	-	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	4	1	2	-	-	1	5	-
		F	6	2	3	2	3	2	1	3	4	1
N00-N99	XIV Diseases of genitourinary system	M	3	2	12	2	14	4	11	8	20	7
		F	6	6	15	4	10	7	9	6	19	5
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	2	-	4	1	1	1	2	-	2	-
		F	-	1	3	1	1	2	-	1	1	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	3	-	3	1	2	2	-	-	4	1
		F	-	-	6	-	1	-	4	2	2	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	1	1	-	1	1	1	1	1	-
		F	1	1	4	-	5	1	-	3	2	-
V01-Y89	XX External causes of injury and poisoning	M	19	20	50	10	42	11	12	29	26	17
		F	6	6	23	6	11	6	2	7	12	5

Table 3.11 (continued) Deaths in 2011 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	1,866	861	1,536	3,611	1,298	1,363	1,701	2,256
		F	1,664	827	1,439	3,813	1,184	1,293	1,586	2,158
A00-B99	I Infectious and parasitic diseases	M	7	6	5	45	9	7	13	18
		F	17	5	10	48	6	13	16	10
C00-D48	II Neoplasms	M	581	274	486	1,214	447	463	544	697
		F	465	244	409	1,224	365	356	472	630
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	8	4	2	7	1	3	3	5
		F	9	2	3	8	6	2	7	8
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	56	22	32	56	38	24	48	53
		F	58	25	33	57	25	35	37	35
F00-F99	V Mental and behavioural disorders	M	32	16	19	77	26	20	30	57
		F	35	23	47	183	46	46	59	92
G00-G99	VI Diseases of the nervous system	M	73	27	50	143	30	48	54	83
		F	82	22	58	174	47	47	74	101
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	611	287	518	1,056	411	446	558	727
		F	548	296	498	1,186	380	472	511	731
J00-J99	X Diseases of the respiratory system	M	226	101	192	416	117	166	181	226
		F	240	112	191	477	165	161	219	248
K00-K93	XI Diseases of the digestive system	M	60	15	52	161	39	40	60	80
		F	67	33	68	140	41	40	54	98
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	1	-	2	2	1	3	2	3
		F	3	3	3	3	3	-	4	4
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	7	6	6	12	9	4	5	16
		F	15	8	10	21	6	13	16	28
N00-N99	XIV Diseases of genitourinary system	M	53	22	32	63	22	18	37	42
		F	54	14	38	111	40	34	57	52
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-
		F	-	-	-	1	1	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	5	3	6	12	12	9	8	7
		F	4	-	7	14	4	4	2	5
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	8	7	7	23	14	8	13	14
		F	12	6	7	18	10	8	9	18
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	3	5	4	11	8	5	3	9
		F	6	6	11	9	6	10	6	6
V01-Y89	XX External causes of injury and poisoning	M	135	66	123	313	114	99	142	219
		F	49	28	46	139	33	52	43	92

Table 3.12 Standardised death rates per 1,000 population by area of residence of deceased in 2011 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	1.94	2.02	0.75	0.37
LEINSTER	1.98	1.95	0.76	0.35
Carlow	2.33	1.93	0.89	0.31
Dublin City	2.34	2.26	0.84	0.47
South Dublin	1.85	1.69	0.77	0.34
Fingal	1.86	1.46	0.64	0.27
Dun Laoghaire-Rathdown	1.74	1.49	0.61	0.21
Kildare	1.86	2.04	0.70	0.37
Kilkenny	1.68	1.93	0.75	0.34
Laois	1.82	2.12	0.58	0.38
Longford	1.80	2.14	1.04	0.30
Louth	1.96	1.91	0.77	0.48
Meath	2.01	1.85	0.62	0.23
Offaly	1.72	2.15	0.80	0.32
Westmeath	2.13	2.10	0.78	0.34
Wexford	1.94	2.11	0.85	0.42
Wicklow	1.84	2.06	0.85	0.28
MUNSTER	1.94	2.14	0.72	0.43
Clare	1.75	2.06	0.83	0.32
Cork City	2.15	2.31	0.67	0.57
Cork County	1.84	1.88	0.60	0.42
Kerry	1.81	2.32	0.83	0.49
Limerick City	2.50	2.67	0.98	0.58
Limerick County	2.04	2.13	0.88	0.37
North Tipperary	2.13	2.72	0.58	0.40
South Tipperary	1.78	2.03	0.68	0.39
Waterford City	2.30	2.12	0.73	0.34
Waterford County	1.88	2.09	0.62	0.37
CONNACHT	1.85	1.98	0.75	0.35
Galway City	2.06	1.77	0.64	0.37
Galway County	1.77	1.77	0.77	0.41
Leitrim	2.02	2.24	1.09	0.46
Mayo	1.82	2.18	0.73	0.40
Roscommon	1.81	2.12	0.76	0.22
Sligo	2.00	1.93	0.64	0.21
ULSTER (Part of)	1.82	2.06	0.83	0.32
Cavan	1.84	2.54	0.85	0.49
Donegal	1.79	1.88	0.84	0.24
Monaghan	1.89	1.98	0.79	0.36
REGIONAL AUTHORITIES:				
Border	1.89	2.02	0.81	0.36
Midland	1.88	2.12	0.78	0.34
West	1.82	1.97	0.74	0.37
Dublin	2.04	1.89	0.75	0.36
Mid-East	1.90	1.98	0.72	0.29
Mid-West	2.04	2.31	0.82	0.40
South-East	1.92	2.03	0.76	0.37
South-West	1.89	2.07	0.67	0.46

Table 3.13 Deaths from neoplasms (C00-D48) in 2011 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	8,871	4,706	4,165			
C00-C97	Malignant neoplasm	8,666	4,592	4,074	100	100	100
C00-C14	Lip, oral cavity and pharynx	163	116	47	1.9	2.5	1.2
C15-C26	Digestive organs	2,675	1,552	1,123	30.9	33.8	27.6
C30-C39	Respiratory and intrathoracic organs	1,919	1,148	771	22.1	25.0	18.9
C40-C41	Bone and articular cartilage	19	12	7	0.2	0.3	0.2
C43-C44	Skin	227	129	98	2.6	2.8	2.4
C45-C49	Mesothelial and soft tissue	95	55	40	1.1	1.2	1.0
C50	Breast	697	7	690	8.0	0.2	16.9
C51-C58	Female genital organs	514	-	514	5.9	-	12.6
C60-C63	Male genital organs	574	574	-	6.6	12.5	-
C64-C68	Urinary tract	442	288	154	5.1	6.3	3.8
C69-C72	Eye, brain and other parts of central nervous system	265	154	111	3.1	3.4	2.7
C73-C75	Thyroid and other endocrine glands	42	18	24	0.5	0.4	0.6
C76-C80	Ill-defined, secondary, and unspecified sites	347	156	191	4.0	3.4	4.7
C81-C96	Lymphoid, haematopoietic and related tissue	687	383	304	7.9	8.3	7.5

Table 3.14 Deaths from malignant neoplasms (C00-C97) in 2011 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	4,592	15	18	32	73	263	812	1,309	1,413	657
		F	4,074	5	13	37	132	283	668	954	1,177	805
C00-C14	Lip, oral cavity and pharynx	M	116	-	1	-	4	9	33	38	21	10
		F	47	-	-	-	1	5	6	13	10	12
C15-C26	Digestive organs	M	1,552	-	1	8	21	105	293	461	469	194
		F	1,123	-	-	2	23	57	147	237	380	277
C30-C39	Respiratory and intrathoracic organs	M	1,148	1	-	1	10	65	231	380	349	111
		F	771	-	-	2	8	53	133	220	238	117
C40-C41	Bone and articular cartilage	M	12	-	2	3	-	2	3	-	2	-
		F	7	-	-	-	-	-	4	1	1	1
C43-C44	Skin	M	129	-	-	2	8	17	21	34	23	24
		F	98	-	2	3	10	7	13	15	27	21
C45-C49	Mesothelial and soft tissue	M	55	1	4	3	3	1	11	11	15	6
		F	40	-	1	1	1	3	6	13	11	4
C50	Breast	M	7	-	-	-	2	-	-	3	2	-
		F	690	-	-	7	42	66	134	164	151	126
C51-C58	Female genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	514	1	1	11	27	51	118	125	121	59
C60-C63	Male genital organs	M	574	-	-	1	2	3	40	130	230	168
		F	-	-	-	-	-	-	-	-	-	-
C64-C68	Urinary tract	M	288	1	-	-	5	17	51	68	91	55
		F	154	-	-	-	3	7	16	31	54	43
C69-C72	Eye, brain and other parts of central nervous system	M	154	5	5	10	8	18	35	41	27	5
		F	111	3	1	5	3	11	29	26	25	8
C73-C75	Thyroid and other endocrine glands	M	18	1	-	1	-	1	4	7	4	-
		F	24	1	1	1	1	2	3	4	6	5
C76-C80	Ill-defined, secondary, and unspecified sites	M	156	-	-	1	2	6	33	42	48	24
		F	191	-	2	1	5	6	23	47	58	49
C81-C96	Lymphoid, haematopoietic and related tissue	M	383	6	5	2	8	19	57	94	132	60
		F	304	-	5	4	8	15	36	58	95	83

Table 3.15 Deaths from malignant neoplasms (C00-C97) in 2011 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	8,666	2,675	1,919	697	514	574	687	1,600
LEINSTER	4,483	1,359	1,081	320	252	273	343	855
Carlow	123	40	32	6	5	4	12	24
Dublin City	1,264	350	341	101	77	62	87	246
South Dublin	381	124	94	23	22	23	25	70
Fingal	323	86	74	24	16	17	39	67
Dun Laoghaire-Rathdown	431	151	90	24	21	32	28	85
Kildare	276	76	66	20	21	15	21	57
Kilkenny	164	51	33	14	11	11	14	30
Laois	121	38	26	8	5	11	11	22
Longford	74	23	20	9	1	4	6	11
Louth	222	66	53	19	13	12	19	40
Meath	281	92	67	19	15	20	22	46
Offaly	129	40	31	10	8	10	13	17
Westmeath	176	57	39	12	11	14	11	32
Wexford	284	96	60	18	9	17	23	61
Wicklow	234	69	55	13	17	21	12	47
MUNSTER	2,512	778	514	231	169	182	206	432
Clare	213	65	38	29	16	12	15	38
Cork City	302	93	68	30	17	20	20	54
Cork County	686	223	114	57	50	53	66	123
Kerry	307	95	68	30	24	24	26	40
Limerick City	153	40	43	9	9	13	12	27
Limerick County	267	88	56	17	22	20	18	46
North Tipperary	168	53	31	12	11	16	20	25
South Tipperary	176	59	41	16	7	12	10	31
Waterford City	109	31	28	12	3	6	2	27
Waterford County	131	31	27	19	10	6	17	21
CONNACHT	1,100	361	199	103	61	78	92	206
Galway City	109	35	25	11	5	6	6	21
Galway County	326	110	47	32	26	24	32	55
Leitrim	82	28	13	6	2	6	8	19
Mayo	286	98	55	31	9	21	17	55
Roscommon	146	47	30	12	9	11	12	25
Sligo	151	43	29	11	10	10	17	31
ULSTER (Part of)	571	177	125	43	32	41	46	107
Cavan	140	47	27	14	9	10	14	19
Donegal	312	90	77	18	18	21	23	65
Monaghan	119	40	21	11	5	10	9	23
REGIONAL AUTHORITIES:								
Border	1,026	314	220	79	57	69	90	197
Midland	500	158	116	39	25	39	41	82
West	867	290	157	86	49	62	67	156
Dublin	2,399	711	599	172	136	134	179	468
Mid-East	791	237	188	52	53	56	55	150
Mid-West	801	246	168	67	58	61	65	136
South-East	987	308	221	85	45	56	78	194
South-West	1,295	411	250	117	91	97	112	217

Table 3.16 Deaths from diseases of the circulatory system (I00-I99) in 2011 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	9,236	4,614	4,622	100	100	100
I00-I02	Acute Rheumatic fever	2	2	-	0.0	0.0	-
I05-I09	Chronic rheumatic heart diseases	49	17	32	0.5	0.4	0.7
I10-I15	Hypertensive diseases	308	111	197	3.3	2.4	4.3
I20-I25	Ischaemic heart diseases	4,707	2,645	2,062	51.0	57.3	44.6
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	179	73	106	1.9	1.6	2.3
I30-I52	Other forms of heart disease	1,497	681	816	16.2	14.8	17.7
I60-I69	Cerebrovascular diseases	1,993	828	1,165	21.6	17.9	25.2
I70-I179	Diseases of the arteries, arterioles and capillaries	440	231	209	4.8	5.0	4.5
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	60	26	34	0.6	0.6	0.7
I95-I99	Other and unspecified disorders of the circulatory system	1	-	1	0.0	-	0.0

Table 3.17 Deaths from diseases of the circulatory system (I00-I99) in 2011 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	4,614	3	-	25	75	246	508	914	1,573	1,270
		F	4,622	2	2	11	26	105	184	435	1,325	2,532
I00-I02	Acute Rheumatic fever	M	2	-	-	-	1	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-
I05-I09	Chronic rheumatic heart diseases	M	17	-	-	-	-	-	1	3	7	6
		F	32	-	-	1	-	-	2	10	12	7
I10-I15	Hypertensive diseases	M	111	-	-	1	3	4	12	13	39	39
		F	197	-	-	-	1	2	10	13	38	133
I20-I25	Ischaemic heart diseases	M	2,645	-	-	4	38	167	329	585	882	640
		F	2,062	-	-	1	7	35	83	205	611	1,120
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	M	73	-	-	-	3	3	13	20	20	14
		F	106	-	-	2	2	7	8	27	27	33
I30-I52	Other forms of heart disease	M	681	3	-	11	15	33	68	94	215	242
		F	816	1	-	4	7	22	18	61	209	494
I60-I69	Cerebrovascular diseases	M	828	-	-	5	13	33	60	130	315	272
		F	1,165	-	1	3	7	30	52	100	354	618
I70-I79	Diseases of the arteries, arterioles and capillaries	M	231	-	-	4	1	5	18	59	89	55
		F	209	1	-	-	1	5	7	16	68	111
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, nec	M	26	-	-	-	1	1	7	9	6	2
		F	34	-	1	-	1	4	4	3	6	15
I95-I99	Other and unspecified disorders of the circulatory system	M	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1

Table 3.18 Deaths from diseases of the circulatory system (I00-I99) in 2011 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)	of which: <i>Acute myocardial infarction</i> (I21)	Cerebrovascular diseases (I60-I69)	Remainder IX Diseases of the circulatory system (I00-I99)
STATE	9,236	4,707	2,123	1,993	2,536
LEINSTER	4,440	2,251	931	994	1,195
Carlow	103	55	29	20	28
Dublin City	1,318	679	219	319	320
South Dublin	304	164	52	70	70
Fingal	229	117	38	41	71
Dun Laoghaire-Rathdown	391	194	85	81	116
Kildare	288	123	55	71	94
Kilkenny	196	103	49	34	59
Laois	145	76	29	31	38
Longford	91	46	22	18	27
Louth	219	98	47	56	65
Meath	249	128	65	59	62
Offaly	164	82	41	32	50
Westmeath	183	82	35	43	58
Wexford	306	174	98	61	71
Wicklow	254	130	67	58	66
MUNSTER	2,840	1,457	654	586	797
Clare	254	134	53	52	68
Cork City	336	155	66	75	106
Cork County	718	352	166	159	207
Kerry	404	189	95	102	113
Limerick City	160	92	47	30	38
Limerick County	281	150	79	56	75
North Tipperary	223	126	60	26	71
South Tipperary	207	112	39	40	55
Waterford City	102	54	13	15	33
Waterford County	155	93	36	31	31
CONNACHT	1,268	643	349	266	359
Galway City	97	41	22	25	31
Galway County	352	164	84	63	125
Leitrim	96	48	25	24	24
Mayo	386	210	119	75	101
Roscommon	181	104	58	39	38
Sligo	156	76	41	40	40
ULSTER (Part of)	688	356	189	147	185
Cavan	209	98	47	52	59
Donegal	345	180	107	68	97
Monaghan	134	78	35	27	29
REGIONAL AUTHORITIES:					
Border	1,159	578	302	267	314
Midland	583	286	127	124	173
West	1,016	519	283	202	295
Dublin	2,242	1,154	394	511	577
Mid-East	791	381	187	188	222
Mid-West	918	502	239	164	252
South-East	1,069	591	264	201	277
South-West	1,458	696	327	336	426

Table 3.19 Deaths from diseases of the respiratory system (J00-J99) in 2011 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	3,438	1,625	1,813	100	100	100
J00-J06	Acute upper respiratory infections	1	-	1	0.0	-	0.1
J10-J18	Influenza and pneumonia	1,062	417	645	30.9	25.7	35.6
J20-J22	Other acute lower respiratory infections	191	80	111	5.6	4.9	6.1
J30-J39	Other diseases of upper respiratory tract	1	1	-	0.0	0.1	-
J40-J47	Chronic lower respiratory diseases	1,504	754	750	43.7	46.4	41.4
J60-J70	Lung diseases due to external agents	168	94	74	4.9	5.8	4.1
J80-J84	Other respiratory diseases principally affecting the interstitium	317	195	122	9.2	12.0	6.7
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	10	8	2	0.3	0.5	0.1
J90-J94	Other disease of pleura	13	8	5	0.4	0.5	0.3
J95-J99	Other diseases of the respiratory system	171	68	103	5.0	4.2	5.7

Table 3.20 Deaths from diseases of the respiratory system (J00-J99) in 2011 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	1,625	4	1	3	10	30	97	273	627	580
		F	1,813	-	2	3	6	15	68	201	552	966
J00-J06	Acute upper respiratory infections	M	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1
J10-J18	Influenza and pneumonia	M	417	1	-	1	3	11	18	38	132	213
		F	645	-	-	1	2	2	13	31	154	442
J20-J22	Other acute lower respiratory infections	M	80	1	-	-	2	1	3	9	25	39
		F	111	-	-	-	1	-	2	8	20	80
J30-J39	Other diseases of upper respiratory tract	M	1	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-
J40-J47	Chronic lower respiratory diseases	M	754	2	1	1	4	8	49	139	328	222
		F	750	-	1	-	2	9	45	125	276	292
J60-J70	Lung diseases due to external agents	M	94	-	-	-	-	1	3	17	34	39
		F	74	-	-	-	-	-	2	5	25	42
J80-J84	Other respiratory diseases principally affecting the interstitium	M	195	-	-	-	-	3	21	57	89	25
		F	122	-	1	1	1	3	2	26	47	41
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	M	8	-	-	-	-	2	-	3	1	2
		F	2	-	-	-	-	1	-	-	-	1
J90-J94	Other disease of pleura	M	8	-	-	-	1	-	-	2	2	3
		F	5	-	-	-	-	-	-	2	-	3
J95-J99	Other diseases of the respiratory system	M	68	-	-	1	-	4	3	8	15	37
		F	103	-	-	1	-	-	4	4	30	64

Table 3.21 Deaths from diseases of the respiratory system (J00-J99) in 2011 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	3,438	1,062	1,504	872
LEINSTER	1,724	521	766	437
Carlow	47	20	16	11
Dublin City	501	137	210	154
South Dublin	131	36	61	34
Fingal	99	27	39	33
Dun Laoghaire-Rathdown	162	57	61	44
Kildare	97	35	46	16
Kilkenny	77	24	32	21
Laois	40	7	20	13
Longford	44	16	23	5
Louth	88	28	42	18
Meath	82	32	26	24
Offaly	61	13	33	15
Westmeath	68	20	32	16
Wexford	124	33	75	16
Wicklow	103	36	50	17
MUNSTER	953	296	407	250
Clare	103	37	46	20
Cork City	100	34	47	19
Cork County	228	70	101	57
Kerry	146	58	63	25
Limerick City	60	23	19	18
Limerick County	116	31	39	46
North Tipperary	48	5	28	15
South Tipperary	71	23	30	18
Waterford City	35	4	14	17
Waterford County	46	11	20	15
CONNACHT	482	159	212	111
Galway City	35	10	13	12
Galway County	154	50	69	35
Leitrim	46	17	14	15
Mayo	128	43	62	23
Roscommon	66	25	26	15
Sligo	53	14	28	11
ULSTER (Part of)	279	86	119	74
Cavan	70	15	37	18
Donegal	155	61	59	35
Monaghan	54	10	23	21
REGIONAL AUTHORITIES:				
Border	466	145	203	118
Midland	213	56	108	49
West	383	128	170	85
Dublin	893	257	371	265
Mid-East	282	103	122	57
Mid-West	327	96	132	99
South-East	400	115	187	98
South-West	474	162	211	101

Table 3.22 Deaths from external causes (V01-Y89) in 2011 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	1,693	1,211	482	100.0	100.0	100.0
V01-X59	Accidents	1,009	672	337	59.6	55.5	69.9
V01-V99	Transport accidents	189	134	55	11.2	11.1	11.4
V01-V89	Land transport accidents	181	126	55	10.7	10.4	11.4
V90-V99	Other transport accidents	8	8	-	0.5	0.7	-
W00-W19	Falls	273	154	119	16.1	12.7	24.7
W65-W74	Accidental drowning and submersion	49	39	10	2.9	3.2	2.1
X00-X09	Exposure to smoke, fire and flames	42	26	16	2.5	2.1	3.3
X30-X39	Exposure to forces of nature	6	5	1	0.4	0.4	0.2
X40-X49	Accidental poisoning by and exposure to noxious substances	298	234	64	17.6	19.3	13.3
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	152	80	72	9.0	6.6	14.9
X60-X84	Intentional self-harm	554	458	96	32.7	37.8	19.9
X85-Y09	Assault	28	27	1	1.7	2.2	0.2
Y10-Y34	Events of undetermined intent	67	40	27	4.0	3.3	5.6
Y40-Y84	Complications of medical and surgical care	29	10	19	1.7	0.8	3.9
Y85-Y89	Sequelae of external causes of morbidity and mortality	6	4	2	0.4	0.3	0.4

Table 3.23 Deaths from external causes (V01-Y89) in 2011 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	1,211	7	8	156	240	230	206	142	94	73	55
		F	482	2	5	34	57	61	56	53	45	73	96
V01-X59	Accidents	M	672	7	8	65	126	115	103	74	62	59	53
		F	337	2	5	17	23	36	30	36	34	64	90
V01-V99	Transport accidents	M	134	2	3	30	34	23	10	12	9	7	4
		F	55	1	3	13	7	6	4	4	9	8	-
V01-V89	Land transport accidents	M	126	2	3	30	33	20	8	10	9	7	4
		F	55	1	3	13	7	6	4	4	9	8	-
V90-V99	Other transport accidents	M	8	-	-	-	1	3	2	2	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
W00-W19	Falls	M	154	-	1	2	5	12	21	21	27	32	33
		F	119	-	1	1	1	4	6	11	18	28	49
W65-W74	Accidental drowning and submersion	M	39	1	3	5	5	2	7	11	5	-	-
		F	10	-	-	-	-	2	1	4	1	2	-
X00-X09	Exposure to smoke, fire and flames	M	26	2	1	2	4	4	3	2	3	1	4
		F	16	-	-	-	3	3	1	2	-	3	4
X30-X39	Exposure to forces of nature	M	5	-	-	1	-	1	2	1	-	-	-
		F	1	-	-	-	-	-	-	1	-	-	-
X40-X49	Accidental poisoning by and exposure to noxious substances	M	234	-	-	23	73	67	47	17	4	3	-
		F	64	-	-	3	12	20	15	11	2	-	1
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	M	80	2	-	2	5	6	13	10	14	16	12
		F	72	1	1	-	-	1	3	3	4	23	36
X60-X84	Intentional self-harm	M	458	-	-	78	100	98	93	58	20	10	1
		F	96	-	-	16	27	21	17	12	3	-	-
X85-Y09	Assault	M	27	-	-	7	4	7	4	2	2	1	-
		F	1	-	-	-	1	-	-	-	-	-	-
Y10-Y34	Events of undetermined intent	M	40	-	-	6	9	9	5	4	7	-	-
		F	27	-	-	1	6	3	8	2	4	2	1
Y40-Y84	Complications of medical and surgical care	M	10	-	-	-	-	1	1	3	1	3	1
		F	19	-	-	-	-	1	1	3	4	6	4
Y85-Y89	Sequelae of external causes of morbidity and mortality	M	4	-	-	-	1	-	-	1	2	-	-
		F	2	-	-	-	-	-	-	-	-	1	1

Table 3.24 Deaths from external causes in 2011 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	1,693	1,009	554	28	67	35
LEINSTER	860	508	273	19	39	21
Carlow	17	9	7	-	1	-
Dublin City	256	165	57	11	16	7
South Dublin	83	37	37	3	4	2
Fingal	62	47	10	1	3	1
Dun Laoghaire-Rathdown	51	40	10	-	-	1
Kildare	71	42	27	-	1	1
Kilkenny	32	17	14	-	1	-
Laois	29	15	13	-	-	1
Longford	12	10	2	-	-	-
Louth	58	31	14	2	9	2
Meath	39	19	14	2	2	2
Offaly	24	13	10	-	-	1
Westmeath	29	15	12	-	1	1
Wexford	60	31	29	-	-	-
Wicklow	37	17	17	-	1	2
MUNSTER	538	313	184	8	22	11
Clare	38	19	13	-	6	-
Cork City	71	47	16	2	3	3
Cork County	166	93	62	2	6	3
Kerry	74	45	26	-	2	1
Limerick City	35	15	13	4	3	-
Limerick County	49	30	18	-	1	-
North Tipperary	29	16	10	-	-	3
South Tipperary	35	23	12	-	-	-
Waterford City	16	9	7	-	-	-
Waterford County	25	16	7	-	1	1
CONNACHT	199	122	72	-	4	1
Galway City	26	12	13	-	-	1
Galway County	73	48	24	-	1	-
Leitrim	16	10	6	-	-	-
Mayo	53	33	17	-	3	-
Roscommon	17	12	5	-	-	-
Sligo	14	7	7	-	-	-
ULSTER (Part of)	96	66	25	1	2	2
Cavan	36	25	8	-	1	2
Donegal	38	25	13	-	-	-
Monaghan	22	16	4	1	1	-
REGIONAL AUTHORITIES:						
Border	184	114	52	3	11	4
Midland	94	53	37	-	1	3
West	169	105	59	-	4	1
Dublin	452	289	114	15	23	11
Mid-East	147	78	58	2	4	5
Mid-West	151	80	54	4	10	3
South-East	185	105	76	-	3	1
South-West	311	185	104	4	11	7

Table 3.25 Deaths from non transport accidents in 2011 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	820	471	349	57.4	42.6
W00-W19	Falls	273	192	81	70.3	29.7
W65-W74	Accidental drowning and submersion	49	5	44	10.2	89.8
X00-X09	Exposure to smoke, fire and flames	42	39	3	92.9	7.1
X30-X39	Exposure to forces of nature	6	1	5	16.7	83.3
X40-X49	Accidental poisoning by and exposure to noxious substances	298	205	93	68.8	31.2
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	152	29	123	19.1	80.9

Table 3.26 Deaths from external causes in the home and residential institutions in 2011 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	538	10	35	92	92	93	62	53	52	49
		F	282	3	4	16	30	26	32	25	56	90
W00-X59	Non transport accidents - in home and residential institutions	M	308	6	17	54	65	48	36	29	26	27
		F	163	2	2	10	19	19	24	15	28	44
W00-X59	Non transport accidents - occurring elsewhere or place not stated	M	230	4	18	38	27	45	26	24	26	22
		F	119	1	2	6	11	7	8	10	28	46

Table 3.27 Deaths in 2011 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	1,693	1,211	482
S00-S09	Injuries to the head	283	196	87
S10-S19	Injuries to the neck	35	21	14
S20-S29	Injuries to the thorax	61	42	19
S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	29	16	13
S40-S49	Injuries to the shoulder and upper arm	4	1	3
S50-S59	Injuries to the elbow and forearm	2	1	1
S60-S69	Injuries to the wrist and hand	1	1	-
S70-S79	Injuries to the hip and thigh	108	40	68
S80-S89	Injuries to the knee and lower leg	8	2	6
S90-S99	Injuries to the ankle and foot	-	-	-
T00-T07	Injuries involving multiple body regions	95	75	20
T08-T14	Injuries to unspecified parts of trunk, limb or body regions	23	15	8
T15-T19	Effects of foreign body entering through natural orifice	35	21	14
T20-T32	Burns and corrosions	13	9	4
T33-T35	Frostbite	-	-	-
T36-T50	Poisoning by drugs, medicaments and biological substances	300	219	81
T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	110	78	32
T66-T78	Other and unspecified effects of external causes	563	463	100
T79	Certain early complications of trauma	1	1	-
T80-T88	Complications of surgical and medical care, nec	18	8	10
T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	4	2	2

Table 3.28 Deaths in 2011 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	28,456	14,492	13,964
A00-B99	1	Infectious and parasitic diseases	235	110	125
A15-A19,					
B90	2	Tuberculosis	29	15	14
A39	7	Meningococcal infection	2	1	1
B20-B24	8	AIDS (HIV-disease)	14	10	4
B15-B19	10	Viral hepatitis	20	14	6
		Other infectious and parasitic diseases	170	70	100
C00-D48	6	Neoplasms	8,871	4,706	4,165
C00-C97	7	Malignant neoplasm	8,666	4,592	4,074
C00-C14	8	Malignant neoplasm of lip, oral cavity and pharynx	163	116	47
C15	9	Malignant neoplasm of oesophagus	359	232	127
C16	10	Malignant neoplasm of stomach	327	209	118
C18	11	Malignant neoplasm of colon	544	290	254
C19-C21	12	Malignant neoplasm of rectum and anus	496	320	176
C22	13	Malignant neoplasm of liver and intrahepatic bile ducts	261	142	119
C25	14	Malignant neoplasm of pancreas	478	256	222
C32-C34	15	Malignant neoplasm of larynx and trachea/bronchus/lung	1,907	1,141	766
C43	16	Malignant melanoma of skin	156	83	73
C50	17	Malignant neoplasm of breast	697	7	690
C53	18	Malignant neoplasm of cervix uteri	98	-	98
C54-C55	19	Malignant neoplasm of other parts of uterus	104	-	104
C56	20	Malignant neoplasm of ovary	278	-	278
C61	21	Malignant neoplasm of prostate	563	563	-
C64	22	Malignant neoplasm of kidney, except renal pelvis	203	150	53
C67	23	Malignant neoplasm of bladder	220	129	91
C81-C96	24	Malignant neoplasm of lymphoid/haematopoietic tissue	687	383	304
		Other malignant neoplasms	1,125	571	554
D50-D89	25	Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	78	33	45
E00-E90	26	Endocrine, nutritional and metabolic diseases	634	329	305
E10-E14	27	Diabetes mellitus	466	252	214
F00-F99	28	Mental and behavioural disorders	808	277	531
F10	29	Alcohol abuse (including alcoholic psychosis)*	6	5	1
F11-F16 &					
F18-F19	30	Drug dependence, toxicomania *	-	-	-
G00-H95	31	Diseases of the nervous system and the sense organs	1,113	508	605
G00-G03	32	Meningitis	7	3	4
I00-I99	33	Diseases of the circulatory system	9,236	4,614	4,622
I20-I25	34	Ischaemic heart diseases	4,707	2,645	2,062
I21		<i>of which: (Acute myocardial infarction)</i>	2,123	1,146	977
I30-I33,					
I39-I52	35	Other heart disease	1,269	578	691
I60-I69	36	Cerebrovascular disease	1,993	828	1,165
		Other diseases of the circulatory system	1,267	563	704
J00-J99	37	Diseases of the respiratory system	3,438	1,625	1,813
J10-J11	38	Influenza	5	3	2
J12-J19	39	Pneumonia	1,057	414	643
J40-J47	40	Chronic lower respiratory diseases	1,504	754	750
J45-J46	41	<i>of which: Asthma</i>	56	20	36
		Other diseases of the respiratory system	872	454	418
K00-K93	42	Diseases of the digestive system	1,048	507	541
K25-K28	43	Ulcer of stomach, duodenum and jejunum	96	50	46
K70,					
K73-K74	44	Chronic liver disease	277	165	112
		Other diseases of the digestive system	675	292	383
L00-L99	45	Diseases of the skin and subcutaneous tissue	37	14	23
M00-M99	46	Diseases of musculoskeletal system/connective tissue	182	65	117
M05-M06,					
M15-M19	47	Rheumatoid arthritis and osteoarthritis	67	26	41

Table 3.28 (continued) Deaths in 2011 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	689	289	400
N00-N29	49	Diseases of kidney and ureter	468	213	255
O00-O99	50	Complicatons of pregnancy, childbirth and puerperium	2	-	2
P00-P96	51	Certain conditions originating in the perinatal period	102	62	40
Q00-Q99	52	Congenital malformations and chromosomal abnormalities	182	94	88
Q00-Q07	53	Congenital malformations of the nervous system	32	15	17
Q20-Q28	54	Congenital malformations of the circulatory system	51	30	21
R00-R99	55	Symptoms, signs, abnormal findings, ill-defined causes	108	48	60
R95	56	Sudden infant death syndrome	20	11	9
R96-R99	57	Unknown and unspecified causes	37	20	17
V01-Y89	58	External causes of injury and poisoning	1,693	1,211	482
V01-X59	59	Accidents	1,009	672	337
V01-V99	60	<i>of which: Transport accidents</i>	189	134	55
W00-W19	61	<i>Accidental falls</i>	273	154	119
X40-X49	62	<i>Accidental poisoning</i>	298	234	64
		<i>other accidents</i>	249	150	99
X60-X84	63	Suicide and intentional self-harm	554	458	96
X85-Y09	64	Homicide/assault	28	27	1
Y10-Y34	65	Events of undetermined intent	67	40	27
		All other external causes	35	14	21

* 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, 2011

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	893	632	261	43	124	171	180	199	106	54	16
A00-B99	I Infectious and parasitic diseases	24	16	8	-	4	10	9	-	1	-	-
C00-D48	II Neoplasms	34	24	10	-	-	-	6	7	13	7	1
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	1	-	1	-	-	-	-	-	-	1	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	7	3	4	-	-	1	-	2	1	3	-
F00-F99	V Mental and behavioural disorders	9	8	1	-	-	-	-	2	3	1	3
G00-G99	VI Diseases of the nervous system	4	4	-	-	-	2	-	-	-	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	100	82	18	-	2	4	15	36	27	12	4
J00-J99	X Diseases of the respiratory system	53	34	19	-	1	1	4	13	14	14	6
K00-K93	XI Diseases of the digestive system	214	135	79	-	5	36	58	83	26	6	-
L00-L99	XII Diseases of the skin and subcutaneous tissue	-	-	-	-	-	-	-	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	1	1	-	-	-	-	-	1	-	-	-
N00-N99	XIV Diseases of genitourinary system	3	1	2	-	-	-	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	-	-	1	-	-	-	1	-	-
V01-Y89	XX External causes of injury and poisoning	441	322	119	43	111	117	87	54	19	9	1

Table 3.30 Suicides classified by county of residence of deceased, 2008 - 2011

Area of residence	2011			2010			2009			2008		
	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	554	458	96	495	405	90	552	443	109	506	386	120
LEINSTER	273	229	44	247	200	47	261	200	61	250	182	68
Carlow	7	7	-	7	7	-	6	5	1	6	3	3
Dublin City	57	50	7	51	35	16	62	43	19	53	42	11
South Dublin	37	29	8	18	16	2	21	18	3	26	17	9
Fingal	10	6	4	19	17	2	19	17	2	15	10	5
Dun Laoghaire Rathdown	10	8	2	18	15	3	17	13	4	14	10	4
Kildare	27	24	3	18	14	4	20	16	4	24	17	7
Kilkenny	14	11	3	8	6	2	10	9	1	9	5	4
Laois	13	10	3	18	16	2	8	6	2	5	3	2
Longford	2	2	-	4	3	1	4	2	2	1	1	-
Louth	14	13	1	17	13	4	16	13	3	13	11	2
Meath	14	13	1	10	9	1	21	17	4	26	16	10
Offaly	10	9	1	15	10	5	12	9	3	13	9	4
Westmeath	12	10	2	13	12	1	11	7	4	14	13	1
Wexford	29	24	5	16	14	2	19	13	6	18	16	2
Wicklow	17	13	4	15	13	2	15	12	3	13	9	4
MUNSTER	184	151	33	157	129	28	198	163	35	164	134	30
Clare	13	12	1	8	7	1	18	13	5	15	11	4
Cork City	16	13	3	22	16	6	26	21	5	23	19	4
Cork County	62	52	10	44	34	10	54	45	9	59	49	10
Kerry	26	18	8	24	19	5	29	24	5	15	13	2
Limerick City	13	10	3	8	8	-	7	6	1	5	3	2
Limerick County	18	15	3	19	17	2	17	14	3	11	8	3
North Tipperary	10	8	2	6	6	-	15	14	1	10	9	1
South Tipperary	12	10	2	13	11	2	14	11	3	11	10	1
Waterford City	7	7	-	4	3	1	9	8	1	3	3	-
Waterford County	7	6	1	9	8	1	9	7	2	12	9	3
CONNACHT	72	57	15	70	58	12	60	51	9	54	40	14
Galway City	13	10	3	5	4	1	6	6	-	9	8	1
Galway County	24	17	7	22	18	4	22	19	3	20	15	5
Leitrim	6	4	2	6	5	1	4	3	1	4	3	1
Mayo	17	16	1	18	16	2	17	14	3	10	6	4
Roscommon	5	4	1	10	8	2	5	3	2	6	4	2
Sligo	7	6	1	9	7	2	6	6	-	5	4	1
ULSTER (PART OF)	25	21	4	21	18	3	33	29	4	38	30	8
Cavan	8	7	1	7	6	1	7	6	1	11	10	1
Donegal	13	10	3	6	5	1	19	17	2	20	14	6
Monaghan	4	4	-	8	7	1	7	6	1	7	6	1
REGIONAL AUTHORITIES:												
Border	52	44	8	53	43	10	59	51	8	60	48	12
Midland	37	31	6	50	41	9	35	24	11	33	26	7
West	59	47	12	55	46	9	50	42	8	45	33	12
Dublin	114	93	21	106	83	23	119	91	28	108	79	29
Mid-East	58	50	8	43	36	7	56	45	11	63	42	21
Mid-West	54	45	9	41	38	3	57	47	10	41	31	10
South-East	76	65	11	57	49	8	67	53	14	59	46	13
South-West	104	83	21	90	69	21	109	90	19	97	81	16

Chapter 4

Infant Mortality, Stillbirths and Maternal Mortality 2011

Infant mortality

During the year 2011 there were 262 deaths of infants under one year, compared to 271 in 2010. The infant mortality rate, which was 3.6 per 1,000 births in 2010, decreased to 3.5 in 2011. See tables 4.1, 4.2 and 4.3.

Table I Infant mortality rates in Ireland* and neighbouring countries, 1941-2011

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
1997	6	6	6	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

¹ Decennial average.

* Exclusive of Northern Ireland.

Infant mortality rates in the EU-27

Ireland, together with Denmark and France, had the middle infant mortality rate of the EU-27 (3.5 per 1,000 live births). Romania had the highest rate at 9.4 infant deaths per 1,000 live births. Sweden had the lowest rate, 2.1 per 1,000 live births. See table II.

Table II Infant mortality rates in per 1,000 live births in the European Union, 2011

Area of residence	Infant mortality rate per 1,000	Area of residence	Infant mortality rate per 1,000
Belgium	3.3	Luxembourg	4.3
Bulgaria	8.5	Hungary	4.9
Czech Republic	2.7	Malta	6.3
Denmark	3.5	Netherlands	3.6
Germany	3.6	Austria	3.6
Estonia	2.5	Poland	4.7
Ireland	3.5	Portugal	3.1
Greece	3.4	Romania	9.4
Spain	3.1	Slovenia	2.9
France	3.5	Slovakia	4.9
Italy	3.2	Finland	2.4
Cyprus	3.1	Sweden	2.1
Latvia	6.6	United Kingdom	4.2
Lithuania	4.2		

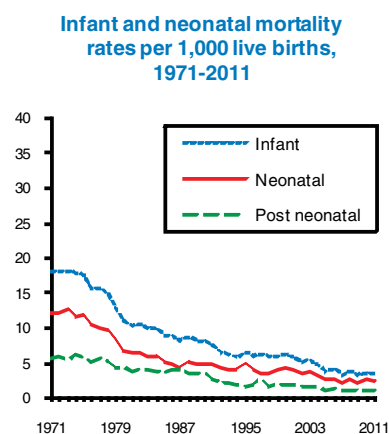
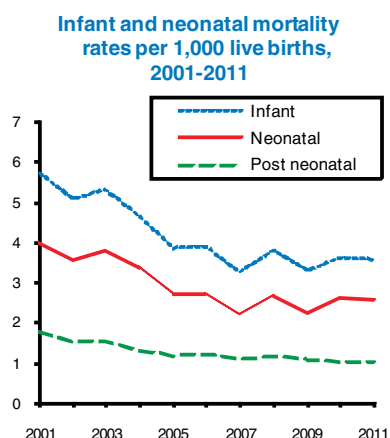
Source: Eurostat

Infant Mortality by detailed age

Just over a third (33.6%) of all infant deaths occurred within the first day of birth and over 56% occurred within the first week.

There were 188 neonatal deaths (deaths of infants under 4 weeks) in 2011, an decrease of 7 on the 2010 figure. The neonatal mortality rate of 2.5 per 1,000 live births was 0.1 less than the 2010 figure. See tables 4.2, 4.3 and 4.6.

Table III shows infant deaths by detailed age.



Infant Mortality by cause

Certain conditions originating in the perinatal period accounted for 38.9% of infant deaths in 2011. Congenital malformations, deformations and chromosomal abnormalities accounted for a further 44.3%, sudden infant death syndrome accounted for 7.6%. Diseases of the nervous system and sense organs accounted for 1.9%, and all other causes at 7.3% 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*.

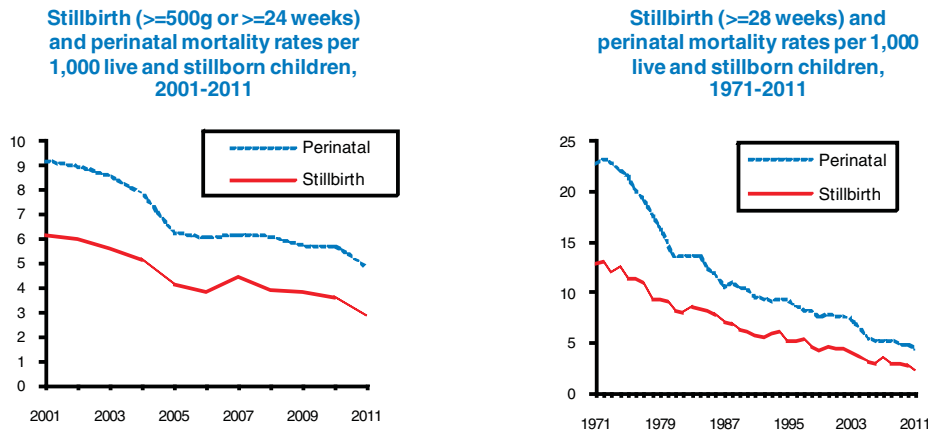
Limerick City had the highest rate for infant mortality in 2011 with a rate of 7.9 per 1,000 births. The lowest rate occurred in Longford with a rate of 1.6. See *table 4.3*.

Table III Infant deaths during 2011 by detailed age

	Total	Male	Female
Total under 1 year	262	150	112
Under 30 mins	20	13	7
30 mins and under 1 day	68	30	38
Total under 1 day	88	43	45
1 day	11	7	4
2 days	14	9	5
3 days	14	12	2
4 days	7	2	5
5 days	6	4	2
6 days	7	4	3
Total under 7 days	147	81	66
7-13 days	18	13	5
14-20 days	17	13	4
21-27 days	6	4	2
Total under 4 weeks	188	111	77
4 weeks and under 2 months	20	12	8
2 months	17	7	10
3 months	11	4	7
4 months	5	5	-
5 months	6	3	3
6 months	3	1	2
7 months	2	1	1
8 months	1	-	1
9 months	4	3	1
10 months	4	2	2
11 months	1	1	-

Stillbirths

The number of stillbirths in 2011 was 211, a decrease of 62 on 2010 total of 273. The corresponding rate decrease was from 3.6 in 2010 to 2.8 in 2011.



For stillbirths, the highest rate per 1,000 live births was in Waterford County (7.1) and the lowest was in Cork City with a rate of 0.0 reflecting no registered stillbirths in 2011. See table 4.3.

In 2011, stillbirths classified as being due to certain conditions originating in the perinatal period accounted for 84.8% of the stillbirths and 15.2% 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://www.esri.ie/health_information/nprs/) 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 2011. Table IV compares Ireland and the neighbouring countries for the years 1993-2011.

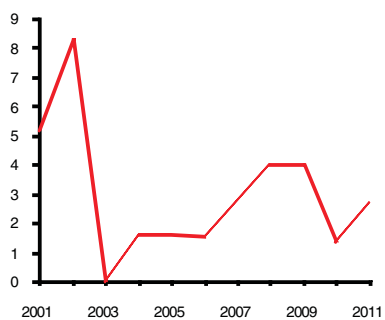
Table IV Maternal deaths per 100,000 total live and stillbirths in Ireland¹ and neighbouring countries, 1993-2011

Year	Number of deaths in Ireland ¹	Death rate per 100,000 live and stillbirths			
		Ireland ¹	Northern Ireland	England and Wales	Scotland
1993	—*	—	—	4	11
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	—	—	13	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

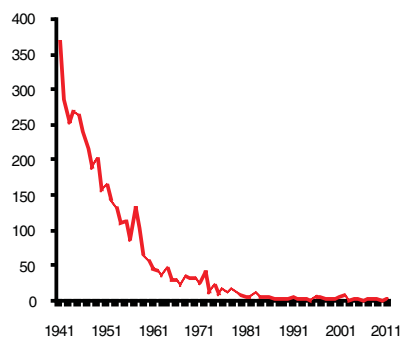
¹ Exclusive of Northern Ireland.

* One maternal death which occurred in 1993 was registered in 1995.

Maternal death rates per 100,000 live births, 2001-2011



Maternal death rates per 100,000 live births, 1941-2011



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 2011

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
2002	60,503	3,917	364	(274)	547	(457)	183	33	216	89	305
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
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
2002	31,013	1,946	177	(133)	279	(235)	102	23	125	44	169
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
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
2002	29,490	1,971	187	(141)	268	(222)	81	10	91	45	136
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

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 2011

Year	Live births ⁴	Stillbirths ⁵		Perinatal deaths		Neonatal deaths			Post	Infant deaths
						Early	Late	Total		
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
2002	15.4	6.0	(4.5)	9.0	(7.5)	3.0	0.5	3.6	1.5	5.0
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
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
2002	15.9	5.7	(4.3)	9.0	(7.6)	3.3	0.7	4.0	1.4	5.4
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
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
2002	15.0	6.3	(4.8)	9.1	(7.5)	2.7	0.3	3.1	1.5	4.6
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

¹ 4 year average² Decennial average³ 5 year average, 1966-1970⁴ 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* 2011 per 1,000 live births

Area of residence	Infant mortality		Neonatal mortality		Stillbirths		Perinatal mortality	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE	262	3.5	188	2.5	211	2.8	358	4.8
LEINSTER	134	3.2	97	2.3	117	2.8	192	4.5
Carlow	2	2.0	1	1.0	4	4.0	5	5.0
Dublin City	21	2.6	17	2.1	21	2.6	35	4.3
South Dublin	12	2.4	8	1.6	19	3.7	25	4.9
Fingal	19	3.4	12	2.2	17	3.0	25	4.5
Dun Laoghaire-Rathdown	9	3.2	6	2.1	2	0.7	4	1.4
Kildare	11	2.9	7	1.8	12	3.1	17	4.4
Kilkenny	4	2.8	3	2.1	6	4.2	9	6.3
Laois	4	3.0	2	1.5	3	2.2	4	3.0
Longford	1	1.6	1	1.6	2	3.1	3	4.7
Louth	5	2.7	4	2.1	3	1.6	7	3.7
Meath	14	4.0	11	3.1	11	3.1	19	5.4
Offaly	5	4.0	4	3.2	3	2.4	6	4.8
Westmeath	6	4.3	3	2.2	3	2.2	6	4.3
Wexford	9	3.9	7	3.0	5	2.2	11	4.8
Wicklow	12	5.3	11	4.9	6	2.7	16	7.1
MUNSTER	79	4.1	52	2.7	52	2.7	94	4.9
Clare	8	4.6	6	3.5	10	5.8	14	8.1
Cork City	4	2.5	0	0.0	0	0.0	0	0.0
Cork County	25	3.7	16	2.4	14	2.1	28	4.2
Kerry	8	4.0	6	3.0	2	1.0	5	2.5
Limerick City	6	7.9	2	2.6	5	6.5	7	9.1
Limerick County	13	5.7	9	3.9	7	3.0	15	6.5
North Tipperary	3	2.5	3	2.5	1	0.8	4	3.4
South Tipperary	5	4.1	4	3.3	5	4.0	9	7.3
Waterford City	2	2.4	2	2.4	1	1.2	2	2.4
Waterford County	5	5.1	4	4.1	7	7.1	10	10.2
CONNACHT	36	4.5	28	3.5	28	3.5	51	6.3
Galway City	2	1.8	1	0.9	2	1.8	2	1.8
Galway County	16	5.6	13	4.6	9	3.1	19	6.6
Leitrim	3	6.5	3	6.5	2	4.3	5	10.8
Mayo	5	2.8	4	2.2	8	4.4	11	6.1
Roscommon	5	5.8	4	4.6	4	4.6	8	9.2
Sligo	5	5.4	3	3.2	3	3.2	6	6.5
ULSTER (Part of)	13	3.0	11	2.5	14	3.2	21	4.8
Cavan	4	3.2	4	3.2	2	1.6	4	3.2
Donegal	6	2.8	5	2.3	9	4.1	13	6.0
Monaghan	3	3.4	2	2.3	3	3.4	4	4.5
REGIONAL AUTHORITIES								
Border	26	3.4	21	2.8	22	2.9	39	5.1
Midland	16	3.5	10	2.2	11	2.4	19	4.1
West	28	4.2	22	3.3	23	3.5	40	6.0
Dublin	61	2.8	43	2.0	59	2.7	89	4.1
Mid-East	37	3.8	29	3.0	29	3.0	52	5.4
Mid-West	30	5.0	20	3.3	23	3.8	40	6.7
South-East	27	3.5	21	2.7	28	3.6	46	5.9
South-West	37	3.6	22	2.1	16	1.6	33	3.2

* 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 2011

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
1999	1.7	1.5	0.5	0.2	0.2	0.5	0.3	0.6	0.4	1.8
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

¹ Decennial average.**Table 4.5 Comparable¹ stillbirth and perinatal mortality rates in Ireland² and neighbouring countries, 1984-2011**

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)
1995	6.7 (5.2)	6.1 (4.5)	5.5 (4.2)	6.6 (4.9)	10.6 (9.1)	10.4 (8.9)	8.8 (7.4)	9.6 (7.9)
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)	9.5 (8.2)	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)	6.4 (5.0)	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)	6.9 (6.1)	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)	7.6 (7.0)	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)	7.8 (6.4)	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)	7.8 (6.5)	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)	6.9 (6.0)	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)	6.5 (6.0)	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)	7.1 (6.1)	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)	7.5 (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)	7.9 (7.1)	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)	8.0 (7.3)	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 (5.8)	7.5 (6.1)	6.9 (5.6)

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 2011, 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	150	13	30	43	81	13	13	4	111	39
		F	112	7	38	45	66	5	4	2	77	35
G00-H95	Diseases of the nervous system and the sense organs	M	3	-	-	-	-	1	-	1	2	1
		F	2	-	-	-	-	-	-	-	-	2
<i>of which:</i>												
G00-G03	Meningitis	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	M	62	7	20	27	47	7	3	1	58	4
		F	40	5	19	24	34	1	1	-	36	4
<i>of which:</i>												
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	M	9	1	6	7	9	-	-	-	9	-
		F	5	3	1	4	5	-	-	-	5	-
P05-P08	Disorders related to length of gestation and fetal growth	M	24	4	10	14	21	1	1	-	23	1
		F	15	2	10	12	14	-	-	-	14	1
P10-P15	Birth Trauma	M	2	-	-	-	2	-	-	-	2	-
		F	1	-	-	-	1	-	-	-	1	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	M	8	2	4	6	7	-	-	-	7	1
		F	12	-	5	5	8	-	1	-	9	3
P35-P39	Infections specific to the perinatal period	M	6	-	-	-	2	2	1	-	5	1
		F	1	-	-	-	-	1	-	-	1	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	M	7	-	-	-	4	2	1	-	7	-
		F	4	-	2	2	4	-	-	-	4	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	M	4	-	-	-	1	1	-	1	3	1
		F	-	-	-	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	M	-	-	-	-	-	-	-	-	-	-
		F	1	-	1	1	1	-	-	-	1	-
P90-P96	Other disorders originating in the perinatal period	M	2	-	-	-	1	1	-	-	2	-
		F	1	-	-	-	1	-	-	-	1	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	M	60	6	10	16	33	4	7	2	46	14
		F	56	1	19	20	29	3	3	2	37	19
<i>of which:</i>												
Q00-Q07	Congenital malformations of the nervous system	M	8	-	4	4	7	-	-	-	7	1
		F	13	1	6	7	9	1	-	1	11	2

Table 4.6 (continued) Infant mortality - deaths under 1 year in 2011, 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	20	-	3	3	7	2	5	2	16	4
		F	15	-	2	2	4	1	1	1	7	8
Q30-Q34	Congenital malformations of the respiratory system	M	2	1	1	2	2	-	-	-	2	-
		F	2	-	1	1	1	-	-	-	1	1
Q35-Q37	Cleft lip and cleft palate	M	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	1
Q38-Q45	Other congenital malformations of the digestive system	M	3	-	-	-	2	-	-	-	2	1
		F	1	-	-	-	1	-	-	-	1	-
Q50-Q56	Congenital malformations of genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	M	4	2	1	3	4	-	-	-	4	-
		F	1	-	1	1	1	-	-	-	1	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	M	4	1	-	1	2	-	-	-	2	2
		F	4	-	2	2	2	-	1	-	3	1
Q80-Q89	Other congenital malformations	M	6	-	-	-	2	-	2	-	4	2
		F	4	-	2	2	2	1	-	-	3	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	M	13	2	1	3	7	2	-	-	9	4
		F	15	-	5	5	9	-	1	-	10	5
R95	Sudden infant death syndrome	M	11	-	-	-	-	1	-	-	1	10
		F	9	1	-	1	1	-	-	-	1	8
	All other causes	M	14	-	-	-	1	-	3	-	4	10
		F	5	-	-	-	2	1	-	-	3	2

Table 4.7 Infant mortality - deaths under 1 year in 2011, 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	111	77	62	35	29	23	16
		4 weeks to 1 year	39	35	19	18	14	13	4	4	2	-
G00-H95	Diseases of the nervous system and the sense organs	Under 4 weeks	2	-	-	-	-	-	2	-	-	-
		4 weeks to 1 year	1	2	-	1	-	1	1	-	-	-
	<i>of which:</i>											
G00-G03	Meningitis	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	Under 4 weeks	58	36	30	17	18	9	9	8	1	2
		4 weeks to 1 year	4	4	2	3	1	1	-	-	1	-
	<i>of which:</i>											
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	Under 4 weeks	9	5	7	4	2	-	-	-	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	23	14	6	5	12	5	5	3	-	1
		4 weeks to 1 year	1	1	1	1	-	-	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	2	1	1	1	1	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	7	9	5	4	-	1	2	4	-	-
		4 weeks to 1 year	1	3	-	2	-	1	-	-	1	-
P35-P39	Infections specific to the perinatal period	Under 4 weeks	5	1	3	-	-	1	1	-	1	-
		4 weeks to 1 year	1	-	1	-	-	-	-	-	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	7	4	6	1	1	2	-	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	3	-	1	-	1	-	1	-	-	-
		4 weeks to 1 year	1	-	-	-	1	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	-	1	-	1	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	2	1	1	1	1	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	Under 4 weeks	46	37	29	15	10	14	5	4	2	4
		4 weeks to 1 year	14	19	6	10	7	6	-	3	1	-
	<i>of which:</i>											
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	7	11	3	5	2	2	-	3	2	1
		4 weeks to 1 year	1	2	1	1	-	1	-	-	-	-
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	16	7	11	1	4	4	1	-	-	2
		4 weeks to 1 year	4	8	2	2	1	4	-	2	1	-
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	2	1	1	-	1	1	-	-	-	-
		4 weeks to 1 year	-	1	-	1	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	1	-	1	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	Under 4 weeks	2	1	1	1	1	-	-	-	-	-
		4 weeks to 1 year	1	-	-	-	1	-	-	-	-	-
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	4	1	4	-	-	-	-	1	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	2	3	1	1	-	2	1	-	-	-
		4 weeks to 1 year	2	1	-	1	2	-	-	-	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	4	3	4	3	-	-	-	-	-	-
		4 weeks to 1 year	2	1	2	1	-	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	9	10	4	4	2	5	3	-	-	1
		4 weeks to 1 year	4	5	1	3	3	1	-	1	-	-
R95	Sudden infant death syndrome	Under 4 weeks	1	1	1	1	-	-	-	-	-	-
		4 weeks to 1 year	10	8	5	3	3	4	2	1	-	-
	All other causes	Under 4 weeks	4	3	2	2	1	-	-	-	1	1
		4 weeks to 1 year	10	2	6	1	3	1	1	-	-	-

Table 4.8 Infant mortality - deaths under 1 year in 2011, 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	12	14	10	6	16	12	33	28	26	11	17	13	18	9	18	19
G00-H95	Diseases of the nervous system and the sense organs	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	1
	<i>of which:</i>																
G00-G03	Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	5	4	3	0	6	7	12	14	12	4	9	4	8	2	7	5
	<i>of which:</i>																
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	-	1	-	-	-	-	2	3	5	1	2	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	2	2	-	-	3	2	3	3	1	3	5	1	5	1	5	3
P10-P15	Birth Trauma	-	1	-	-	-	-	1	-	-	-	1	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	2	-	1	-	1	4	-	6	3	-	-	-	1	-	-	2
P35-P39	Infections specific to the perinatal period	1	-	-	-	1	-	3	-	1	-	-	1	-	-	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	-	-	1	-	-	1	3	1	2	-	1	2	-	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	1	-	1	-	-	-	-	-	-	-	-	-	2	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	5	9	6	4	4	4	15	10	10	5	6	6	8	7	6	11
	<i>of which:</i>																
Q00-Q07	Congenital malformations of the nervous system	3	3	1	-	-	2	1	3	1	1	1	1	1	2	-	1
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	1	4	2	1	1	-	7	2	2	-	-	2	4	1	3	5
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1
Q35-Q37	Cleft lip and cleft palate	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	1	-	-	-	-	-	-	1	-	-	-	-	-	2	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	-	-	1	-	-	1	-	-	3	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	-	-	-	1	1	-	1	1	-	-	2	2	-	-	-	-
Q80-Q89	Other congenital malformations	-	-	-	-	-	-	3	2	2	2	-	-	1	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	1	1	2	1	2	1	3	2	-	2	2	1	2	3	1	4
R95	Sudden infant death syndrome	-	-	1	1	2	1	3	2	1	1	1	2	1	-	2	2
	All other causes	2	1	-	1	1	-	3	1	3	1	1	1	1	-	3	-

Table 4.9 Infant mortality - deaths under 1 year in 2011, 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	21	10	22	43	29	20	21	22
		4 weeks to 1 year	5	6	6	18	8	10	6	15
G00-H95	Diseases of the nervous system and the sense organs	Under 4 weeks	-	-	2	-	-	-	-	-
		4 weeks to 1 year	-	-	1	1	-	-	-	1
	<i>of which:</i>									
G00-G03	Meningitis	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	Under 4 weeks	8	3	13	22	15	13	10	10
		4 weeks to 1 year	1	-	-	4	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	1	-	-	5	6	2	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	4	-	5	4	4	6	6	8
		4 weeks to 1 year	-	-	-	2	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	1	-	-	1	-	1	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	1	1	5	4	3	-	1	1
		4 weeks to 1 year	1	-	-	2	-	-	-	1
P35-P39	Infections specific to the perinatal period	Under 4 weeks	1	-	1	3	-	1	-	-
		4 weeks to 1 year	-	-	-	-	1	-	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	-	1	1	4	2	3	-	-
		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	-	-	-	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	1
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	-	-	-	1	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	Under 4 weeks	11	7	7	17	12	7	11	11
		4 weeks to 1 year	3	3	1	8	3	5	4	6
	<i>of which:</i>									
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	6	1	2	4	1	1	2	1
		4 weeks to 1 year	-	-	-	-	1	1	1	-
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	2	2	1	6	2	1	5	4
		4 weeks to 1 year	3	1	-	3	-	1	-	4
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	-	-	-	-	1	1	-	1
		4 weeks to 1 year	-	-	-	-	-	-	1	-
Q35-Q37	Cleft lip and cleft palate	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	1	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	Under 4 weeks	1	-	-	-	1	-	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	1
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	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	-	-	1	2	-	2	-	-
		4 weeks to 1 year	-	1	-	-	-	2	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	-	-	-	2	4	-	1	-
		4 weeks to 1 year	-	-	-	3	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	2	3	2	3	-	2	3	4
		4 weeks to 1 year	-	-	1	2	2	1	2	1
R95	Sudden infant death syndrome	Under 4 weeks	-	-	-	2	-	-	-	-
		4 weeks to 1 year	-	2	3	3	2	3	1	4
	All other causes	Under 4 weeks	2	-	-	2	2	-	-	1
		4 weeks to 1 year	1	1	1	2	2	2	1	2

Table 4.10a Stillbirths in 2011, 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	211	104	107	84	39	45
P00-P96	Certain conditions originating in the perinatal period	179	87	92	80	36	44
	<i>of which :</i>						
P05-P08	Disorders related to length of gestation and fetal growth	117	58	59	56	27	29
P10-P15	Birth Trauma	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	6	3	5	3	2
P35-P39	Infections specific to the perinatal period	1	-	1	1	-	1
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	-	3	1	-	1
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	1	-	1	1	-	1
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	2	1	1	-	-	-
P90-P96	Other disorders in the perinatal period	46	22	24	16	6	10
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	32	17	15	4	3	1
	<i>of which :</i>						
Q00-Q07	Other congenital malformations of the nervous system	3	-	3	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	-	1	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	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	1	1	-	-	-	-
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	3	2	1	1	1	-
Q80-Q89	Other congenital malformations	4	3	1	1	-	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	8	8	1	1	-

Table 4.10b Stillbirths in 2011, classified by maternal factors

ICD-10 code	Maternal factors of cause of death	Stillbirths		
		Total	Male	Female
A00-Y89	All causes	84	39	45
P00	Fetus and newborn affected by maternal conditions that may be unrelated to present pregnancy	8	4	4
P01	Fetus and newborn affected by maternal complications of pregnancy	25	12	13
P02	Fetus and newborn affected by complications of placenta, cord and membranes	50	23	27
P70	Transitory disorders of carbohydrate metabolism specific to fetus and newborn	1	-	1

Table 4.11 Stillbirths in 2011, 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	104	22	17	24	30	11
	Females	107	23	16	25	31	12
Under 20	Males	1	-	1	-	-	-
	Females	2	1	1	-	-	-
20-24	Males	12	2	2	5	3	-
	Females	15	3	4	3	4	1
25-29	Males	18	8	1	4	4	1
	Females	20	6	3	4	4	3
30-34	Males	29	7	7	5	6	4
	Females	31	2	5	9	12	3
35-39	Males	31	2	5	6	13	5
	Females	23	8	3	4	6	2
40 and over	Males	11	3	1	3	4	-
	Females	16	3	-	5	5	3
Not stated	Males	2	-	-	1	-	1
	Females	-	-	-	-	-	-

Table 4.12 Stillbirths in 2011, 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	211	3	27	38	60	54	27	2
0	110	3	18	24	33	22	8	2
1	51	-	9	6	17	13	6	-
2	32	-	-	5	7	14	6	-
3	14	-	-	3	2	5	4	-
4 or 5	2	-	-	-	-	-	2	-
6 or more	2	-	-	-	1	-	1	-

Table 4.13 Stillbirths in 2011, classified by cause and period of gestation

ICD-10 codes	Cause of death	Period of gestation					42 & over
		Total	Under 28	28-31	32-36	37-41	
A00-Y89	All causes	211	45	33	49	61	23
P00-P96	Certain conditions originating in the perinatal period	179	43	24	38	54	20
	<i>of which:</i>						
P05-P08	Disorders related to length of gestation and fetal growth	117	39	23	26	23	6
P10-P15	Birth Trauma	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	3	-	1	3	2
P35-P39	Infections specific to the perinatal period	1	-	-	-	-	1
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	-	-	3	-	-
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	2	1	-	1	-	-
P90-P96	Other disorders in the perinatal period	46	-	-	7	28	11
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	32	2	9	11	7	3
	<i>of which:</i>						
Q00-Q07	Other congenital malformations of the nervous system	3	-	1	2	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	1	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	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	1	-	1	-	-	-
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	3	-	-	2	1	-
Q80-Q89	Other congenital malformations	4	1	1	-	1	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	-	5	6	4	1

Table 4.14 Stillbirths in 2011, 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	211	110	51	32	14	2	2
P00-P96	Certain conditions originating in the perinatal period	179	96	43	25	11	2	2
	of which:							
P05-P08	Disorders related to length of gestation and fetal growth	117	61	29	15	9	2	1
P10-P15	Birth Trauma	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	4	4	-	1	-	-
P35-P39	Infections specific to the perinatal period	1	1	-	-	-	-	-
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 of fetus and newborn	2	-	1	1	-	-	-
P90-P96	Other disorders in the perinatal period	46	27	8	9	1	-	1
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	32	14	8	7	3	-	-
	of which:							
Q00-Q07	Other congenital malformations of the nervous system system	3	1	1	1	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	1	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	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	1	1	-	-	-	-	-
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	3	1	1	1	-	-	-
Q80-Q89	Other congenital malformations	4	4	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	6	2	5	3	-	-

Table 4.15 Stillbirths in 2011, classified by cause and age of mother at maternity

ICD-10 codes	Cause of death	Age of mother at maternity							Not stated
		Total	Under 20	20-24	25-29	30-34	35-39	40 & over	
A00-Y89	All causes	211	3	27	38	60	54	27	2
P00-P96	Certain conditions originating in the perinatal period	179	1	21	35	51	46	23	2
	<i>of which:</i>								
P05-P08	Disorders related to length of gestation and fetal growth	117	1	13	25	31	27	18	2
P10-P15	Birth Trauma	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	-	-	1	5	3	-	-
P35-P39	Infections specific to the perinatal period	1	-	-	-	-	-	1	-
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 of fetus and newborn	2	-	-	1	1	-	-	-
P90-P96	Other disorders in the perinatal period	46	-	7	6	14	16	3	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	32	2	6	3	9	8	4	-
	<i>of which:</i>								
Q00-Q07	Other congenital malformations of the nervous system	3	1	1	-	-	-	1	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	1	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	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	1	-	1	-	-	-	-	-
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	3	-	-	1	1	1	-	-
Q80-Q89	Other congenital malformations	4	-	-	1	3	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	-	3	1	3	6	3	-

Table 4.16 Stillbirths in 2011, 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	211	67	33	24	24	27	20	10	6
P00-P96	Certain conditions originating in the perinatal period	179	60	25	16	22	22	18	10	6
	<i>of which:</i>									
P05-P08	Disorders related to length of gestation and fetal growth	117	56	24	14	20	2	1	-	-
P10-P15	Birth Trauma	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	9	1	1	2	-	-	3	-	2
P35-P39	Infections specific to the perinatal period	1	-	-	-	-	-	-	-	1
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	2	1	-	-	-	-	-	-	1
P90-P96	Other disorders in the perinatal period	46	-	-	-	-	20	14	10	2
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	32	7	8	8	2	5	2	-	-
	<i>of which:</i>									
Q00-Q07	Other congenital malformations of the nervous system	3	2	1	-	-	-	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	1	1	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	-	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	1	-	1	-	-	-	-	-	-
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	3	-	1	1	-	-	1	-	-
Q80-Q89	Other congenital malformations	4	2	-	-	1	1	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	16	2	5	5	1	3	-	-	-

Appendix

Table A Deaths which were registered on the authority* of the Superintendent Registrars in 2011, 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	12	4	2	2	17	23	16	19	16	14	18	15	21	21	20	26	29	26	27	328
		F	16	5	1	3	6	5	4	6	4	3	8	10	10	6	16	20	27	33	67	250
A00-B99	I Infectious and parasitic diseases	M	-	1	-	-	-	1	-	-	-	-	2	1	-	2	1	1	-	-	-	9
		F	-	1	-	-	-	1	-	-	1	-	-	-	-	-	1	1	-	-	-	5
C00-D48	II Neoplasms	M	-	-	-	1	-	-	-	-	1	-	2	1	1	2	5	7	11	2	5	38
		F	-	-	1	1	-	-	-	-	-	-	1	2	-	-	1	4	5	5	5	25
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2
		F	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	-	4
		F	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	-	-	3
F00-F99	V Mental and behavioural disorders	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	3	6
G00-G99	VI Diseases of the nervous system	M	-	-	1	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	1	5
		F	2	1	-	-	-	-	-	1	-	-	-	2	1	1	2	1	1	1	2	15
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	1	5	3	3	4	4	11	9	18	10	71
		F	-	1	-	-	-	-	-	-	-	-	1	2	1	-	8	4	10	13	35	75
J00-J99	X Diseases of the respiratory system	M	-	1	-	-	-	-	-	1	-	-	-	-	-	3	-	-	2	2	5	14
		F	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	3	2	2	7	16
K00-K93	XI Diseases of the digestive system	M	-	-	-	-	-	-	-	-	1	-	-	2	1	1	1	-	2	-	1	9
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	4
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	3
N00-N99	XIV Diseases of genitourinary system	M	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	1	5
		F	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1	-	4
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
		F	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	4	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	6
		F	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	-	-	-	1	2	-	-	-	2	-	-	1	-	-	-	1	1	2	10
		F	3	-	-	-	1	-	-	-	-	-	-	-	1	2	-	-	1	4	5	17
V01-Y89	XX External causes of injury and poisoning	M	-	1	1	1	14	19	16	17	13	9	9	8	13	7	8	3	3	1	1	144
		F	2	1	-	1	4	4	4	4	2	3	5	4	5	2	3	4	6	3	8	65

* 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 2011, classified by underlying cause of death, sex and year of occurrence

ICD 10 code	Underlying cause of death	Sex	Age at death										Total
			2009	2008	2007	2006	2005	2004	2003	2002	2001	2000 & earlier	
A00-Y89	All causes	M	169	39	30	12	3	9	2	3	3	58	328
		F	101	36	18	8	7	6	7	3	5	59	250
A00-B99	I Infectious and parasitic diseases	M	7	-	1	-	-	-	-	-	-	1	9
		F	3	1	-	-	-	-	-	-	-	1	5
C00-D48	II Neoplasms	M	19	2	3	2	1	1	-	-	-	10	38
		F	8	5	4	2	-	-	-	2	-	4	25
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	1	-	1	-	-	-	-	-	-	-	2
		F	1	-	-	-	-	-	-	-	-	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	1	1	-	2	-	-	-	-	-	-	4
		F	-	1	-	-	-	-	1	-	-	1	3
F00-F99	V Mental and behavioural disorders	M	1	-	-	-	-	-	-	-	-	1	2
		F	2	-	1	-	-	1	-	-	-	2	6
G00-G99	VI Diseases of the nervous system	M	3	-	1	-	1	-	-	-	-	-	5
		F	7	-	2	-	-	-	-	-	-	6	15
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	27	10	4	1	1	-	-	1	3	24	71
		F	22	12	3	3	2	3	4	1	3	22	75
J00-J99	X Diseases of the respiratory system	M	4	-	2	1	-	3	-	-	-	4	14
		F	2	2	3	-	1	-	-	-	1	7	16
K00-K93	XI Diseases of the digestive system	M	6	-	-	1	-	1	-	-	-	1	9
		F	1	-	2	-	1	-	-	-	-	-	4
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	1	-	-	-	-	-	-	-	-	1
		F	2	-	-	-	1	-	-	-	-	-	3
N00-N99	XIV Diseases of genitourinary system	M	1	2	1	-	-	-	1	-	-	-	5
		F	2	1	-	-	-	-	-	-	-	1	4
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	5	1	-	-	-	-	-	-	-	2	8
		F	4	-	-	1	-	-	-	-	1	1	7
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	1	-	1	-	-	-	-	-	-	4	6
		F	2	1	1	-	-	-	-	-	-	-	4
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	1	1	-	-	1	-	2	-	5	10
		F	2	1	-	-	-	-	2	-	-	12	17
V01-Y89	XX External causes of injury and poisoning	M	93	21	15	5	-	3	1	-	-	6	144
		F	43	12	2	2	2	2	-	-	-	2	65

* 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 2011, 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	14	19	16	17	13	9	9	8	13	7	8	3	3	1	1	144
		F	2	1	-	1	4	4	4	4	2	3	5	4	5	2	3	4	6	3	8	65
V01-X59	Accidents	M	-	1	-	-	13	13	9	13	10	5	5	7	8	3	6	2	1	1	1	98
		F	2	-	-	-	4	1	3	3	1	2	5	2	3	-	3	4	5	2	8	48
X60-X84	Intentional self-harm	M	-	-	-	1	1	-	3	2	-	3	3	1	2	2	1	-	-	-	-	19
		F	-	-	-	1	-	1	1	-	-	1	-	1	1	-	-	-	-	-	-	-
X85-Y09	Assault	M	-	-	1	-	-	5	2	1	2	1	1	-	1	-	-	-	-	-	-	14
		F	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y10-Y34	Events of undetermined intent	M	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	1	-	-	5
		F	-	-	-	-	-	2	-	1	-	-	-	1	1	-	-	-	-	-	-	-
Y40-Y89	All other external causes	M	-	-	-	-	-	-	1	-	-	-	-	-	2	2	1	1	1	-	-	8
		F	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	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 2011, classified by sex and year of occurrence

ICD 10 code	Underlying cause of death	Sex	Age at death								2002 & earlier	Total
			2009	2008	2007	2006	2005	2004	2003			
V01-Y89	XX External causes of injury and poisoning	M	93	21	15	5	-	3	1	6	144	
		F	43	12	2	2	2	2	-	2	65	
V01-X59	Accidents	M	66	17	8	3	-	1	-	3	98	
		F	31	9	2	2	1	1	-	2	48	
X60-X84	Intentional self-harm	M	15	2	-	-	-	1	-	1	19	
		F	3	2	-	-	-	1	-	-	6	
X85-Y09	Assault	M	4	1	6	-	-	-	1	2	14	
		F	-	-	-	-	1	-	-	-	1	
Y10-Y34	Events of undetermined intent	M	2	-	-	2	-	1	-	-	5	
		F	5	-	-	-	-	-	-	-	5	
Y40-Y89	All other external causes	M	6	1	1	-	-	-	-	-	8	
		F	4	1	-	-	-	-	-	-	5	

* 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.