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Central Statistics Office

Report on Vital Statistics

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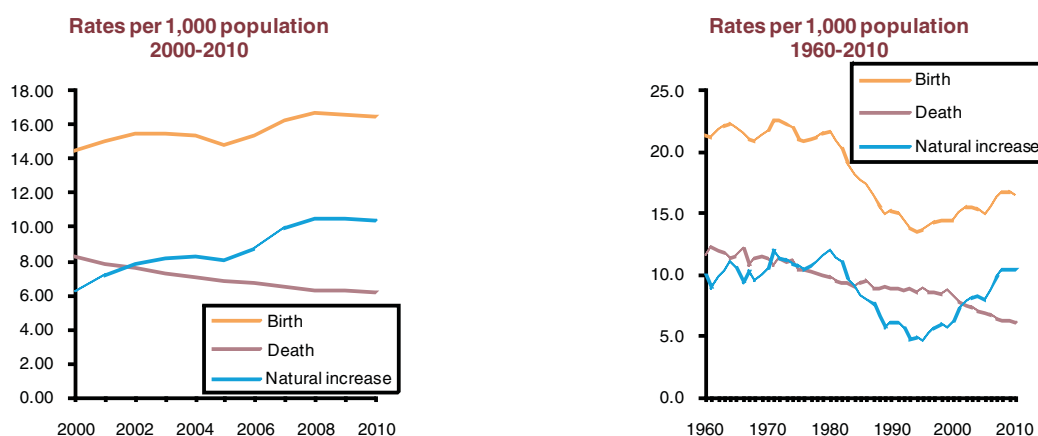
Chapter 1

General Summary 2010

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 2010. The year of occurrence data have been compiled from registration data for 2010 and 2011.

This report includes information on stillbirths which became available following the introduction of a registration system under the Stillbirths Registration Act, 1994, and which replaced the series on late foetal deaths compiled up to 1994.



Births: There were 75,174 children born in Ireland during 2010, down 380 or 0.5% from 2009. While this is the first annual decrease in five years, the number of babies born in 2010 represents the second highest number of births since 1896.

The birth rate was 16.5 per 1,000 of the population compared with 16.7 in 2009 and 14.5 in 2000.

The total period fertility rate (TPFR), or the average number of children per woman, was 2.06 in 2010, the same rate as in 2009, 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 2.06 children per woman.

In 2010, there were 26,091 babies born to women aged 30 to 34, the highest number of all five year age-groups, representing over a third of all births (34.7%).

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 22.7% of births in 2010 were to mothers of non-Irish nationality.

The number of births outside marriage that occurred in 2010 was 25,372 or 33.8% of all births. *See Chapter 2.*

In 2010, Thursday the 23rd of September saw the highest number of babies born in one single day (272). The lowest number of babies born in one day in the year was Sunday the 26th December (123).

Deaths: There were 27,961 deaths in Ireland in 2010, of which 14,334 were males and 13,627 were females. This is equivalent to a rate of 6.1 deaths per 1,000 total population compared with 6.3 in 2009 and 8.3 in 2000. 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 over 75% of the 27,961 deaths in 2010.

Diseases of the circulatory system accounted for 34.3% of deaths, neoplasms 29.7% and diseases of the respiratory system 11.7% in 2010.

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

The leading causes of death varied widely by age group in 2010. 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 2010 the number of deaths of infants under one year of age was 271 compared with 247 in 2009. The corresponding rate increased from 3.3 to 3.6 per 1,000 live births. *See Chapter 4.*

Stillbirths: The number of stillbirths occurring during 2010 was 273 compared with 294 in 2009. The respective corresponding rates for 2010 and 2009 were 3.6 and 3.9 per 1,000 live and stillborn children. *See Chapter 4.*

Population: The estimated Population in April 2010 was 4,554,800: 2,262,200 males and 2,292,600 females.

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 2010 and of some deaths where an inquest has been held. The number of such deaths registered in 2010 was 606.

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 - 2010¹

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				
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				

¹The 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 1.2 Estimated population (thousands) by gender and age-group, 2006 to 2010¹

Sex and Age-group	Persons (thousands) in April of each year				
	2006	2007	2008	2009	2010
Total persons	4,239.8	4,375.8	4,485.1	4,533.4	4,554.8
0 - 4 years	302.3	310.5	324.0	335.2	347.0
5 - 9 years	288.3	297.2	306.2	310.7	314.6
10 - 14 years	273.9	276.5	283.1	290.5	296.1
15 - 19 years	290.3	291.4	295.6	294.3	289.4
20 - 24 years	342.5	371.7	373.6	354.4	326.3
25 - 29 years	373.1	399.8	408.3	400.6	381.6
30 - 34 years	349.4	361.3	369.5	374.5	381.2
35 - 39 years	322.1	335.3	348.6	356.3	359.7
40 - 44 years	301.3	308.1	313.6	316.7	321.8
45 - 49 years	274.7	281.2	288.5	295.6	300.9
50 - 54 years	247.1	253.2	258.0	262.3	267.4
55 - 59 years	225.3	227.9	232.6	235.7	239.6
60 - 64 years	181.7	190.7	199.8	207.7	214.0
65 - 69 years	143.4	144.1	149.8	156.6	163.5
70 - 74 years	119.2	119.5	121.7	124.6	127.9
75 - 79 years	92.5	92.5	94.5	96.8	99.1
80 - 84 years	64.9	65.6	65.9	66.9	68.4
85 years and over	48.0	49.4	51.9	54.0	56.1
Total males	2,121.2	2,191.3	2,238.6	2,257.3	2,262.2
0 - 4 years	154.6	159.4	165.9	171.4	177.6
5 - 9 years	148.0	151.9	156.3	158.5	160.8
10 - 14 years	140.5	141.9	145.3	149.2	152.1
15 - 19 years	148.2	147.5	149.6	150.3	147.7
20 - 24 years	172.8	187.6	186.5	173.5	160.1
25 - 29 years	189.3	202.6	204.7	198.4	186.1
30 - 34 years	177.5	184.6	186.9	188.1	189.8
35 - 39 years	163.8	171.3	177.6	180.3	181.0
40 - 44 years	151.4	154.9	157.5	159.5	162.2
45 - 49 years	138.0	141.2	144.5	147.9	149.8
50 - 54 years	124.6	127.4	129.5	131.6	133.7
55 - 59 years	113.9	115.2	117.3	118.7	120.3
60 - 64 years	91.6	96.1	101.0	104.9	107.6
65 - 69 years	70.9	71.9	74.4	78.0	81.5
70 - 74 years	56.5	56.9	58.1	59.8	61.8
75 - 79 years	40.1	40.8	42.4	43.9	45.1
80 - 84 years	24.7	25.0	25.3	26.3	27.3
85 years and over	14.8	15.2	15.9	16.8	17.7
Total females	2,118.7	2,184.6	2,246.5	2,276.0	2,292.6
0 - 4 years	147.7	151.1	158.1	163.8	169.4
5 - 9 years	140.3	145.4	150.0	152.2	153.8
10 - 14 years	133.4	134.6	137.9	141.2	144.0
15 - 19 years	142.0	144.0	146.0	143.9	141.7
20 - 24 years	169.7	184.1	187.1	180.9	166.2
25 - 29 years	183.8	197.2	203.6	202.1	195.6
30 - 34 years	171.9	176.8	182.6	186.4	191.4
35 - 39 years	158.3	164.0	171.0	176.0	178.7
40 - 44 years	149.9	153.2	156.1	157.3	159.6
45 - 49 years	136.8	140.1	143.9	147.7	151.1
50 - 54 years	122.5	125.8	128.5	130.7	133.7
55 - 59 years	111.4	112.7	115.3	117.0	119.3
60 - 64 years	90.2	94.5	98.8	102.8	106.4
65 - 69 years	72.5	72.2	75.4	78.6	82.0
70 - 74 years	62.6	62.6	63.6	64.8	66.2
75 - 79 years	52.3	51.6	52.1	52.9	54.0
80 - 84 years	40.2	40.5	40.5	40.6	41.0
85 years and over	33.2	34.2	36.0	37.2	38.5

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, 2006

Province, County or City	Persons	Males	Females
STATE	4,239,848	2,121,171	2,118,677
LEINSTER	2,295,123	1,141,320	1,153,803
Carlow	50,349	25,611	24,738
Dublin City	506,211	248,087	258,124
South Dublin	246,935	122,371	124,564
Fingal	239,992	119,200	120,792
Dún Laoghaire-Rathdown	194,038	92,899	101,139
Kildare	186,335	94,190	92,145
Kilkenny	87,558	44,263	43,295
Laois	67,059	34,409	32,650
Longford	34,391	17,573	16,818
Louth	111,267	55,335	55,932
Meath	162,831	82,651	80,180
Offaly	70,868	35,937	34,931
Westmeath	79,346	39,819	39,527
Wexford	131,749	66,070	65,679
Wicklow	126,194	62,905	63,289
MUNSTER	1,173,340	589,933	583,407
Clare	110,950	56,048	54,902
Cork City	119,418	58,449	60,969
Cork County	361,877	182,365	179,512
Kerry	139,835	70,641	69,194
Limerick City	52,539	25,698	26,841
Limerick County	131,516	66,982	64,534
Tipperary North	66,023	33,568	32,455
Tipperary South	83,221	42,250	40,971
Waterford City	45,748	22,622	23,126
Waterford County	62,213	31,310	30,903
CONNACHT	504,121	254,450	249,671
Galway City	72,414	34,848	37,566
Galway County	159,256	81,628	77,628
Leitrim	28,950	14,903	14,047
Mayo	123,839	62,636	61,203
Roscommon	58,768	30,178	28,590
Sligo	60,894	30,257	30,637
ULSTER (Part of)	267,264	135,468	131,796
Cavan	64,003	32,915	31,088
Donegal	147,264	73,970	73,294
Monaghan	55,997	28,583	27,414

Table 1.4 Births, deaths and natural increase and their rates per 1,000 population, 1864-2010¹

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

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, 1864-2010

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

Table 1.6 Births and deaths by month and quarter of occurrence 2001-2010¹

Period	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Births										
Month ending										
January	4,797	4,770	4,979	5,170	4,941	5,074	5,611	6,145	6,219	6,351
February	4,310	4,613	4,552	4,767	4,552	4,774	5,006	5,690	5,605	5,514
March	4,741	5,061	5,239	5,254	5,225	5,428	5,812	6,167	6,316	6,351
April	4,683	4,926	5,121	5,102	4,922	5,100	5,598	6,127	6,230	6,016
May	4,892	5,112	5,405	5,088	5,109	5,585	6,124	6,528	6,308	6,280
June	4,684	4,984	5,199	5,162	5,174	5,556	5,885	6,235	6,388	6,325
July	5,173	5,229	5,453	5,409	5,555	5,652	6,251	6,718	6,727	6,451
August	5,099	5,212	5,171	5,210	5,322	5,862	6,520	6,209	6,362	6,162
September	5,081	5,325	5,289	5,434	5,338	5,837	6,355	6,529	6,439	6,563
October	4,924	5,369	5,296	5,092	5,078	5,622	6,239	6,421	6,361	6,507
November	4,773	4,833	4,793	5,087	5,050	5,520	5,960	5,992	6,181	6,255
December	4,697	5,069	5,032	5,197	5,106	5,415	6,028	6,412	6,418	6,399
Quarter ending										
March	13,848	14,444	14,770	15,191	14,718	15,276	16,429	18,002	18,140	18,216
June	14,259	15,022	15,725	15,352	15,205	16,241	17,607	18,890	18,926	18,621
September	15,353	15,766	15,913	16,053	16,215	17,351	19,126	19,456	19,528	19,176
December	14,394	15,271	15,121	15,376	15,234	16,557	18,227	18,825	18,960	19,161
Total	57,854	60,503	61,529	61,972	61,372	65,425	71,389	75,173	75,554	75,174
Quarter ending	Equivalent annual birth rate per 1,000 corresponding population									
March	14.4	14.7	14.8	15.0	14.2	14.4	15.0	16.1	16.0	16.0
June	14.8	15.3	15.8	15.2	14.7	15.3	16.1	16.8	16.7	16.4
September	16.0	16.1	16.0	15.9	15.7	16.4	17.5	17.4	17.2	16.8
December	15.0	15.6	15.2	15.2	14.7	15.6	16.7	16.8	16.7	16.8
Total	15.0	15.4	15.5	15.3	14.8	15.4	16.3	16.8	16.7	16.5
Deaths										
Month ending										
January	2,909	2,814	2,666	2,893	2,801	2,667	2,652	2,690	3,274	2,931
February	2,529	2,372	2,433	2,466	2,398	2,432	2,545	2,320	2,350	2,293
March	2,872	2,768	2,599	2,542	2,660	2,739	2,578	2,664	2,383	2,385
April	2,525	2,577	2,537	2,383	2,485	2,505	2,399	2,469	2,252	2,240
May	2,493	2,386	2,370	2,284	2,385	2,337	2,177	2,352	2,284	2,306
June	2,262	2,352	2,267	2,245	2,217	2,155	2,207	1,971	2,158	2,220
July	2,426	2,408	2,171	2,198	2,112	2,308	2,228	2,321	2,133	2,044
August	2,306	2,190	2,173	2,187	2,076	2,132	2,205	2,197	2,139	2,070
September	2,293	2,266	2,156	2,118	2,154	2,191	2,079	2,116	2,104	2,138
October	2,388	2,472	2,571	2,409	2,254	2,168	2,266	2,202	2,347	2,341
November	2,425	2,362	2,492	2,343	2,233	2,283	2,197	2,280	2,342	2,280
December	2,784	2,716	2,639	2,597	2,485	2,571	2,584	2,692	2,614	2,713
Quarter ending										
March	8,310	7,954	7,698	7,901	7,859	7,838	7,775	7,674	8,007	7,609
June	7,280	7,315	7,174	6,912	7,087	6,997	6,783	6,792	6,694	6,766
September	7,025	6,864	6,500	6,503	6,342	6,631	6,512	6,634	6,376	6,252
December	7,597	7,550	7,702	7,349	6,972	7,022	7,047	7,174	7,303	7,334
Total	30,212	29,683	29,074	28,665	28,260	28,488	28,117	28,274	28,380	27,961
Quarter ending	Equivalent annual death rate per 1,000 corresponding population									
March	8.6	8.1	7.7	7.8	7.6	7.4	7.1	6.8	7.1	6.7
June	7.6	7.5	7.2	6.8	6.9	6.6	6.2	6.1	5.9	5.9
September	7.3	7.0	6.5	6.4	6.1	6.3	6.0	5.9	5.6	5.5
December	7.9	7.7	7.7	7.3	6.7	6.6	6.4	6.4	6.4	6.4
Total	7.9	7.6	7.3	7.1	6.8	6.7	6.4	6.3	6.3	6.1

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	95	191	94	108	202	98	115	213
2nd	87	80	167	111	128	239	110	105	215
3rd	72	70	142	103	92	195	130	100	230
4th	119	119	238	129	104	233	136	105	241
5th	131	124	255	116	117	233	111	125	236
6th	132	121	253	82	76	158	85	91	176
7th	116	131	247	83	71	154	77	63	140
8th	107	117	224	102	85	187	96	101	197
9th	87	73	160	98	106	204	117	132	249
10th	89	72	161	108	93	201	117	100	217
11th	91	108	199	109	121	230	113	120	233
12th	139	117	256	111	105	216	131	104	235
13th	119	98	217	73	57	130	80	84	164
14th	123	119	242	71	56	127	73	64	137
15th	121	113	234	98	100	198	116	107	223
16th	97	68	165	96	107	203	121	128	249
17th	92	72	164	117	115	232	88	82	170
18th	109	97	206	111	112	223	107	121	228
19th	111	100	211	94	88	182	119	131	250
20th	129	114	243	88	81	169	92	73	165
21st	97	110	207	65	99	164	61	77	138
22nd	112	106	218	104	107	211	111	94	205
23rd	94	83	177	113	108	221	114	106	220
24th	84	83	167	126	104	230	114	110	224
25th	114	99	213	122	119	241	122	94	216
26th	114	118	232	110	96	206	129	110	239
27th	114	103	217	86	89	175	75	91	166
28th	95	117	212	80	70	150	68	61	129
29th	123	108	231	-	-	-	88	97	185
30th	74	81	155	-	-	-	117	117	234
31st	74	73	147	-	-	-	101	126	227
Total	3,262	3,089	6,351	2,800	2,714	5,514	3,217	3,134	6,351

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	106	111	217	81	70	151	119	130	249
2nd	117	106	223	70	79	149	125	113	238
3rd	83	96	179	101	103	204	107	111	218
4th	73	90	163	113	138	251	72	68	140
5th	116	101	217	116	110	226	64	68	132
6th	118	102	220	121	120	241	102	108	210
7th	105	104	209	94	74	168	125	102	227
8th	127	112	239	74	69	143	114	121	235
9th	127	106	233	117	108	225	134	106	240
10th	82	71	153	126	108	234	118	120	238
11th	102	81	183	98	106	204	71	85	156
12th	116	113	229	108	111	219	93	86	179
13th	104	119	223	102	99	201	113	94	207
14th	117	128	245	77	88	165	125	132	257
15th	140	123	263	96	67	163	113	118	231
16th	124	125	249	121	94	215	123	115	238
17th	82	83	165	106	116	222	115	134	249
18th	77	67	144	114	124	238	86	100	186
19th	121	99	220	106	102	208	68	79	147
20th	127	124	251	88	120	208	125	133	258
21st	119	126	245	88	83	171	130	111	241
22nd	116	92	208	89	54	143	137	122	259
23rd	112	119	231	102	112	214	153	119	272
24th	65	83	148	123	116	239	136	114	250
25th	71	58	129	124	107	231	85	87	172
26th	95	109	204	112	103	215	75	77	152
27th	115	104	219	115	98	213	133	109	242
28th	107	122	229	79	66	145	118	111	229
29th	121	105	226	69	78	147	129	136	265
30th	117	119	236	99	110	209	136	110	246
31st	70	81	151	104	96	200	-	-	-
Total	3,272	3,179	6,451	3,133	3,029	6,162	3,344	3,219	6,563

each month during 2010

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	118	118	236	98	86	184	113	125	238
2nd	117	86	203	77	84	161	125	101	226
3rd	95	61	156	67	71	138	119	115	234
4th	72	64	136	116	103	219	117	115	232
5th	73	69	142	111	120	231	76	73	149
6th	113	103	216	120	117	237	79	72	151
7th	115	119	234	122	119	241	83	65	148
8th	105	112	217	76	75	151	127	118	245
9th	124	108	232	87	68	155	112	107	219
10th	71	71	142	99	105	204	123	112	235
11th	91	70	161	124	144	268	124	113	237
12th	93	92	185	112	120	232	99	74	173
13th	119	94	213	113	124	237	75	73	148
14th	104	110	214	126	118	244	118	117	235
15th	97	117	214	80	77	157	118	127	245
16th	110	100	210	80	75	155	128	143	271
17th	72	61	133	125	80	205	142	96	238
18th	82	64	146	126	128	254	130	115	245
19th	116	101	217	114	107	221	102	78	180
20th	118	98	216	127	116	243	77	77	154
21st	130	114	244	99	108	207	86	112	198
22nd	117	114	231	82	67	149	132	123	255
23rd	97	110	207	71	68	139	104	109	213
24th	88	54	142	125	96	221	110	122	232
25th	74	77	151	118	120	238	124	114	238
26th	122	89	211	112	104	216	65	83	148
27th	133	129	262	111	138	249	73	87	160
28th	142	115	257	108	109	217	101	112	213
29th	124	126	250	82	67	149	104	120	224
30th	131	107	238	74	76	150	128	113	241
31st	-	-	-	106	102	208	-	-	-
Total	3,163	2,853	6,016	3,188	3,092	6,280	3,214	3,111	6,325

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	130	110	240	115	106	221	112	122	234
2nd	102	94	196	112	116	228	118	129	247
3rd	77	78	155	116	119	235	113	105	218
4th	112	114	226	133	110	243	98	73	171
5th	130	126	256	112	114	226	81	70	151
6th	125	109	234	95	67	162	115	99	214
7th	131	117	248	72	67	139	124	115	239
8th	118	139	257	111	123	234	122	112	234
9th	81	79	160	120	120	240	114	111	225
10th	83	84	167	130	110	240	100	123	223
11th	124	96	220	125	119	244	80	70	150
12th	105	111	216	114	123	237	86	71	157
13th	123	121	244	80	88	168	102	97	199
14th	100	125	225	77	70	147	112	124	236
15th	122	117	239	106	93	199	126	120	246
16th	71	73	144	122	100	222	139	123	262
17th	86	71	157	135	111	246	133	125	258
18th	97	114	211	135	116	251	87	86	173
19th	115	111	226	147	111	258	87	91	178
20th	111	114	225	76	79	155	117	112	229
21st	119	110	229	86	66	152	137	115	252
22nd	120	131	251	85	112	197	128	118	246
23rd	104	92	196	118	97	215	94	101	195
24th	67	84	151	103	118	221	81	71	152
25th	88	81	169	99	106	205	73	62	135
26th	101	106	207	117	112	229	57	66	123
27th	131	103	234	72	79	151	78	68	146
28th	127	115	242	81	81	162	105	89	194
29th	124	134	258	104	112	216	124	107	231
30th	100	71	171	117	95	212	109	129	238
31st	90	63	153	-	-	-	121	122	243
Total	3,314	3,193	6,507	3,215	3,040	6,255	3,273	3,126	6,399

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	60	66	126	37	48	85	38	42	80
2nd	48	49	97	39	52	91	35	46	81
3rd	57	47	104	50	45	95	37	42	79
4th	41	48	89	43	31	74	47	34	81
5th	49	48	97	49	51	100	40	35	75
6th	45	42	87	46	37	83	45	38	83
7th	54	46	100	42	42	84	48	36	84
8th	51	54	105	36	34	70	39	37	76
9th	58	51	109	42	38	80	39	35	74
10th	30	50	80	34	35	69	36	43	79
11th	47	52	99	41	46	87	40	33	73
12th	57	59	116	50	38	88	43	33	76
13th	49	50	99	29	43	72	42	35	77
14th	46	54	100	48	32	80	26	27	53
15th	45	39	84	42	40	82	36	56	92
16th	54	61	115	38	50	88	40	33	73
17th	52	44	96	39	44	83	49	41	90
18th	43	50	93	39	46	85	48	33	81
19th	50	51	101	33	28	61	42	31	73
20th	53	44	97	48	40	88	45	24	69
21st	35	59	94	50	39	89	36	41	77
22nd	46	50	96	50	37	87	32	39	71
23rd	41	35	76	41	45	86	34	46	80
24th	64	41	105	38	40	78	32	32	64
25th	30	42	72	45	41	86	36	36	72
26th	36	36	72	36	29	65	46	33	79
27th	46	31	77	38	39	77	41	41	82
28th	42	47	89	29	51	80	36	36	72
29th	46	31	77	-	-	-	49	41	90
30th	52	39	91	-	-	-	38	40	78
31st	44	44	88	-	-	-	42	29	71
Total	1,471	1,460	2,931	1,152	1,141	2,293	1,237	1,148	2,385

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	37	29	66	41	29	70	28	32	60
2nd	48	22	70	33	23	56	32	29	61
3rd	45	26	71	38	29	67	31	39	70
4th	30	29	59	41	30	71	43	34	77
5th	39	20	59	40	22	62	45	38	83
6th	27	30	57	31	35	66	46	43	89
7th	30	38	68	33	31	64	38	37	75
8th	31	33	64	22	33	55	37	41	78
9th	32	32	64	33	38	71	40	35	75
10th	40	29	69	41	32	73	35	31	66
11th	36	20	56	33	26	59	33	37	70
12th	25	33	58	31	35	66	41	34	75
13th	43	34	77	42	24	66	29	32	61
14th	38	41	79	35	32	67	41	38	79
15th	27	38	65	34	35	69	28	36	64
16th	28	28	56	41	39	80	34	30	64
17th	28	34	62	28	32	60	34	24	58
18th	36	26	62	31	27	58	45	32	77
19th	37	37	74	35	44	79	46	42	88
20th	32	31	63	42	36	78	35	40	75
21st	33	32	65	41	39	80	43	33	76
22nd	30	42	72	32	35	67	49	41	90
23rd	40	36	76	35	31	66	34	30	64
24th	31	36	67	34	26	60	33	30	63
25th	30	30	60	36	21	57	36	33	69
26th	43	34	77	31	30	61	27	25	52
27th	29	31	60	39	34	73	36	28	64
28th	37	28	65	41	35	76	35	38	73
29th	36	36	72	33	32	65	31	36	67
30th	34	29	63	30	36	66	48	27	75
31st	31	37	68	32	30	62	-	-	-
Total	1,063	981	2,044	1,089	981	2,070	1,113	1,025	2,138

each month during 2010

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	47	35	82	40	37	77	55	31	86
2nd	38	46	84	39	42	81	34	36	70
3rd	33	43	76	26	36	62	31	29	60
4th	33	41	74	31	39	70	38	49	87
5th	42	38	80	43	46	89	40	28	68
6th	37	34	71	50	33	83	41	34	75
7th	52	36	88	28	41	69	37	29	66
8th	41	39	80	28	33	61	27	41	68
9th	36	39	75	32	35	67	39	39	78
10th	42	31	73	26	27	53	36	33	69
11th	37	34	71	46	38	84	42	35	77
12th	36	37	73	34	37	71	38	37	75
13th	36	27	63	48	38	86	31	31	62
14th	35	33	68	33	37	70	38	47	85
15th	47	35	82	52	42	94	34	30	64
16th	49	29	78	37	31	68	50	44	94
17th	42	38	80	45	38	83	39	42	81
18th	31	33	64	34	42	76	33	33	66
19th	36	31	67	41	31	72	25	37	62
20th	38	42	80	49	46	95	36	37	73
21st	36	37	73	42	47	89	36	46	82
22nd	34	37	71	25	30	55	47	37	84
23rd	31	47	78	36	27	63	40	46	86
24th	39	35	74	29	40	69	30	43	73
25th	41	28	69	33	26	59	33	24	57
26th	31	43	74	36	31	67	40	41	81
27th	43	42	85	39	39	78	37	40	77
28th	36	22	58	39	38	77	33	34	67
29th	34	42	76	43	37	80	28	39	67
30th	41	32	73	57	24	81	43	37	80
31st	-	-	-	39	38	77	-	-	-
Total	1,154	1,086	2,240	1,180	1,126	2,306	1,111	1,109	2,220

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	38	42	80	36	31	67	46	41	87
2nd	42	36	78	43	35	78	32	46	78
3rd	36	32	68	41	31	72	41	36	77
4th	28	34	62	37	36	73	40	34	74
5th	42	33	75	41	39	80	44	41	85
6th	37	37	74	32	36	68	45	56	101
7th	44	42	86	33	38	71	35	55	90
8th	39	29	68	35	34	69	43	47	90
9th	39	37	76	36	38	74	56	38	94
10th	39	33	72	29	42	71	45	41	86
11th	35	40	75	40	33	73	48	36	84
12th	40	31	71	44	41	85	41	31	72
13th	30	44	74	42	42	84	41	41	82
14th	55	35	90	43	42	85	43	39	82
15th	35	33	68	42	39	81	50	34	84
16th	39	30	69	34	30	64	35	34	69
17th	44	34	78	41	29	70	45	57	102
18th	43	38	81	42	36	78	42	48	90
19th	39	34	73	43	31	74	49	45	94
20th	37	37	74	26	38	64	49	43	92
21st	35	28	63	40	38	78	50	39	89
22nd	37	41	78	37	32	69	52	40	92
23rd	38	46	84	43	44	87	44	45	89
24th	38	40	78	42	40	82	51	41	92
25th	34	31	65	38	34	72	45	48	93
26th	43	48	91	41	42	83	48	42	90
27th	45	37	82	44	48	92	50	47	97
28th	40	26	66	38	43	81	41	49	90
29th	36	46	82	41	38	79	42	49	91
30th	47	32	79	42	34	76	43	43	86
31st	39	42	81	-	-	-	49	42	91
Total	1,213	1,128	2,341	1,166	1,114	2,280	1,385	1,328	2,713

Chapter 2

Births 2010

The number of births which occurred in 2010 was 75,174 comprising 38,395 males and 36,779 females. The corresponding total for 2009 was 75,554, 38,682 males and 36,872 females. The birth rate in 2010 was 16.5 per 1,000 of the population, 0.2 lower than 2009. 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 2010

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

* 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 36% in the past 30 years, from 3.23 in 1980 to 2.06 in 2010. 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 2010. France is next with 2.03 followed by the UK and Sweden, both with rates of 1.98. Latvia had the lowest birth rate at 1.17.

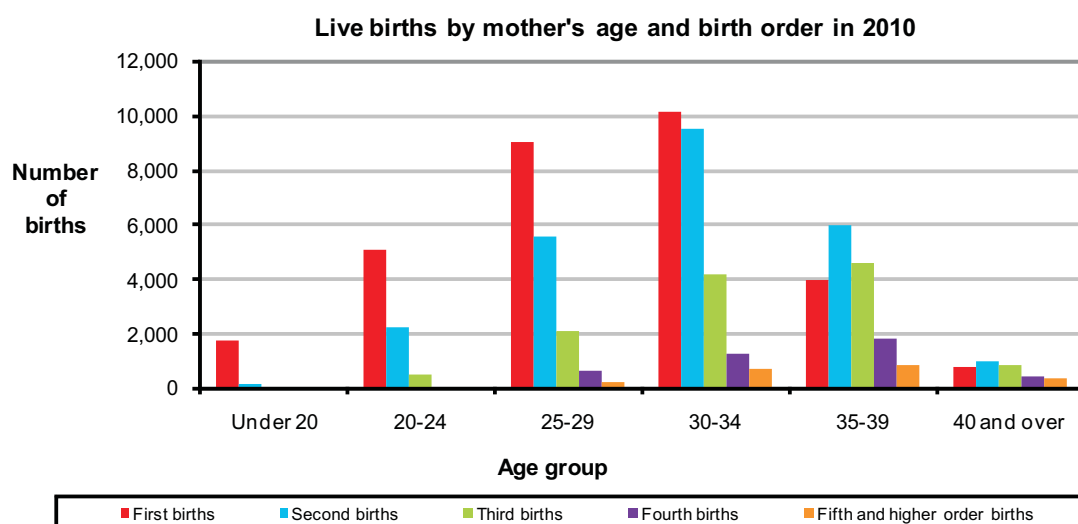
Table II Total fertility rates in the European Union, 2010

Area of residence	Total fertility rate	Area of Residence	Total fertility rate
Belgium	–	Luxembourg	1.63
Bulgaria	1.49	Hungary	1.25
Czech Republic	1.49	Malta	1.38
Denmark	1.87	Netherlands	1.79
Germany	1.39	Austria	1.44
Estonia	1.63	Poland	1.38
Ireland	2.06	Portugal	1.36
Greece	1.51	Romania	1.33
Spain	1.38	Slovenia	1.57
France	2.03	Slovakia	1.40
Italy	1.41	Finland	1.87
Cyprus	1.44	Sweden	1.98
Latvia	1.17	United Kingdom	1.98
Lithuania	1.55		

Source: Eurostat

Birth Order

A total of 31,078 births (41.5%) were to first time mothers in 2010. Second time mothers had 24,770 births (33.1%) and third time mothers had 12,317 births (16.5%). Mothers who already had three or more live-born children accounted for the remaining 8.9% of births. See *table 2.8*.



Age at maternity

The percentage of births to teenage mothers continues to fall. In 2010, just 2.7% (2,043) of births were to mothers under 20. Prior to 2010, it was 1966 since the percentage of births to mothers under 20 was this low. From 1966 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 38.8% in 2009 and 37.1% in 2010. This compares with 52% of births in England and Wales and also in Scotland. In Northern Ireland, just under half of all mothers (49.5%) were under 30 in 2010.

In 2010, 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 2010 was 31.5 years. 30 years earlier, in 1980, the average age was at a low of 28.8 years. While, in 1960, 50 years earlier, the average age at maternity was slightly higher at 31.6 years.

In Northern Ireland, the average age at maternity in 2010 was 29.9 years, while in England and Wales and in Scotland it was 29.6 years.

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

Age at maternity	Ireland*				Northern Ireland	England and Wales	Scotland
	1960	1980	2009	2010	2010	2010	2010
Under 20 years	1.6	4.9	3.0	2.7	5.0	5.6	6.4
20-24	13.6	22.5	11.7	10.8	16.0	19.0	18.1
25-29	26.0	32.7	24.2	23.7	28.5	27.6	27.5
30-34	27.9	24.7	33.6	34.7	30.5	28.0	27.9
35-39	22.3	11.9	22.9	23.3	16.7	16.0	16.3
40-44	8.0	3.2	4.4	4.6	3.2	3.6	3.5
45 years and over	0.6	0.2	0.2	0.2	0.1	0.2	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	31.3	31.5	29.9	29.6	29.6

* Exclusive of Northern Ireland

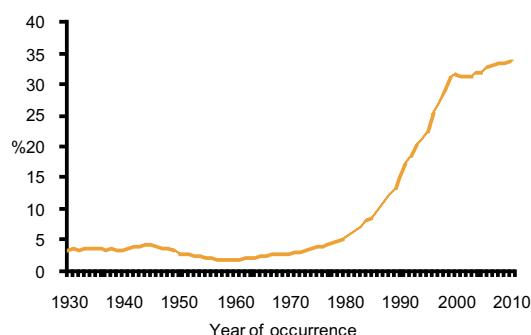
Births outside marriage

The total number of births outside marriage in 2010 was 25,372. This corresponds to 33.8% of all births, 0.4% higher than 2009.

The highest percentage of births outside marriage occurred in Limerick City at 55.0 % while the county with the lowest percentage was County Galway at 24%. See table 2.21.

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

**% of births outside marriage
1930-2010**



Multiple births

The number of maternities in 2010 which resulted in multiple live births was 1,266 consisting of 1,243 sets of twins and 23 sets of triplets. This is equivalent to a “twinning rate” of 16.8 (i.e. the number of sets of live twins per 1,000 maternities which resulted in live births). This represents an increase of 0.6 on the 2009 rate of 16.2. However, over the past 20 years, the twinning rate has increased very significantly – from 12.4 in 1990 to 16.8 in 2010. See *table 2.20*.

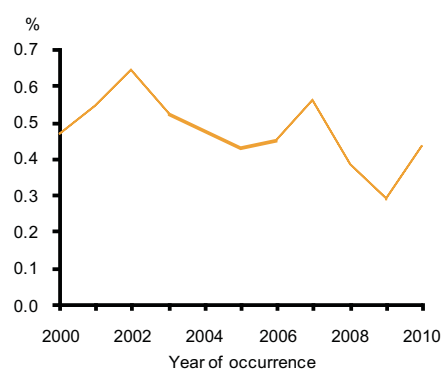
Domiciliary births

There were 326 babies born at home in 2010. This represents an increase of 50% on the 2009 figure when there were 217 domiciliary maternities. Such births have dropped from one in three births in the early 1950’s to only four in every thousand in 2010. See *table 2.17*.

Total number of domicilliary births from 2000 to 2010

Domiciliary births	
Year	number
2000	255
2001	313
2002	410
2003	321
2004	295
2005	264
2006	293
2007	399
2008	286
2009	217
2010	326

Domiciliary births percentages 2000-2010



Nationality of parents

In 2010, 76.4.% of mothers’ were of Irish nationality, 2.3% of UK nationality, 1.5% of EU-15 (excluding Ireland and the UK) nationality, 10.5% of EU-27 (excluding EU-15) nationality and 8.2% of other nationality. The nationality of the mother was not stated for 1.2% of births.

Irish was given as the nationality of fathers in 57.4% of births, however there were 26% of births where fathers nationality was not given.

The average age at maternity differed by nationality of mother in 2010. The highest average age at maternity was for mothers of EU-15 (excluding Ireland and the UK) nationality, 33.1 years, while the lowest was for mothers of EU-27 (excluding EU-15) nationality, 28.6 years. The average age for mothers of Irish nationality was 31.9 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 2010, 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, 52.6% were male and the remaining 47.4% were female. The majority of babies (68.2%) 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, 53.3% were male and the remaining 46.7% were female. Seven in ten babies born in 2010 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 2010, babies with a gestational age of 40 weeks and over, represented the majority (56.6%) of births of known gestation. These were fairly evenly distributed between the two sexes, with 50.8% male and 49.2% female.

Babies with a gestational age of under 28 weeks represented the lowest percentage of births of known gestation at 0.3%. Of these, 54.4% were male and the remaining 45.6% 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.

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

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), 1965-2010

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

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

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 2006*

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	16.4	49.5	82.1	130.4	90.8	18.1	0.8	1.94
LEINSTER	18.1	50.3	78.5	125.4	90.4	18.0	0.8	1.91
Carlow	19.7	67.0	113.5	141.1	80.2	18.6	1.2	2.21
Dublin City	23.2	39.1	47.4	84.7	75.6	17.9	0.8	1.44
South Dublin	24.2	64.5	92.4	128.9	91.3	15.8	0.7	2.09
Fingal	16.2	52.2	83.6	135.3	100.5	19.5	0.7	2.04
Dun Laoghaire Rathdown	9.2	23.8	45.1	112.1	113.2	23.2	1.7	1.64
Kildare	16.1	50.6	95.5	153.4	97.3	18.5	0.3	2.16
Kilkenny	9.8	50.9	81.0	130.5	85.3	17.2	0.3	1.87
Laois	16.6	69.4	101.9	142.1	77.9	12.4	0.9	2.11
Longford	26.4	67.9	121.5	145.7	100.5	21.0	1.8	2.42
Louth	16.2	65.1	101.3	118.6	76.7	16.7	0.0	1.97
Meath	13.3	44.3	103.2	156.4	96.3	17.2	0.8	2.16
Offaly	19.6	65.7	99.0	135.3	83.2	15.9	0.0	2.09
Westmeath	18.9	63.1	106.6	146.2	89.0	19.9	0.0	2.22
Wexford	21.8	78.9	110.4	136.6	89.3	14.7	0.5	2.26
Wicklow	14.9	59.9	96.2	153.0	98.5	18.2	1.2	2.21
MUNSTER	15.1	48.4	87.3	139.8	91.8	17.7	0.8	2.00
Clare	16.7	51.7	97.1	145.6	100.9	20.3	0.8	2.17
Cork City	23.9	38.0	66.9	123.5	90.5	16.1	0.8	1.80
Cork County	10.4	40.5	86.1	152.0	95.4	17.8	0.6	2.01
Kerry	8.1	51.6	87.5	130.0	89.6	17.7	1.3	1.93
Limerick City	30.2	62.8	75.7	106.9	64.5	14.9	0.7	1.78
Limerick County	14.6	44.2	82.2	142.6	97.0	17.2	0.9	1.99
North Tipperary	13.4	56.7	112.4	152.0	99.7	22.5	1.0	2.29
South Tipperary	13.9	65.5	96.0	108.9	74.8	14.2	0.4	1.87
Waterford City	20.7	57.5	86.1	99.6	65.8	8.5	0.0	1.69
Waterford County	18.6	72.5	122.3	175.8	99.6	24.5	1.0	2.57
CONNACHT	11.9	44.2	80.9	135.6	97.0	20.5	0.8	1.95
Galway City	10.2	23.2	41.7	85.6	79.3	22.6	1.0	1.32
Galway County	11.8	50.1	99.0	159.9	107.3	23.5	0.7	2.26
Leitrim	13.2	76.5	88.9	145.5	93.2	16.6	1.0	2.17
Mayo	12.1	58.8	96.9	137.0	97.3	17.9	0.9	2.10
Roscommon	7.6	55.3	87.8	147.6	85.4	18.7	0.5	2.01
Sligo	16.7	46.9	89.1	130.7	99.0	19.0	0.9	2.01
ULSTER (PART OF)	17.0	57.7	101.2	127.9	78.2	17.2	0.8	2.00
Cavan	17.6	58.9	117.7	153.9	89.5	18.7	1.5	2.29
Donegal	19.5	61.4	100.1	119.1	73.7	16.7	0.4	1.96
Monaghan	10.2	47.2	85.9	121.8	76.9	16.8	1.1	1.80
REGIONAL AUTHORITIES:								
Border	16.6	59.1	99.1	126.7	81.1	17.3	0.7	2.00
Midland	19.5	66.1	105.0	141.9	85.9	16.9	0.5	2.18
West	11.0	42.1	79.4	135.7	97.0	21.0	0.8	1.93
Dublin	19.5	44.0	63.1	109.7	90.5	18.8	0.9	1.73
Mid-East	14.8	51.0	98.4	154.4	97.3	18.0	0.7	2.17
Mid-West	17.8	51.8	90.0	140.1	94.5	18.9	0.9	2.07
South-East	17.3	66.4	101.4	132.8	84.3	16.3	0.5	2.09
South-West	12.9	41.8	81.9	142.7	93.4	17.5	0.8	1.96

* This table is compiled using data from the latest census year available (2006).

Table 2.3 Births by area of residence, sex of infant and age at maternity in 2010

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
STATE	38,395	36,779	75,174	2,043	8,087	17,816	26,091	17,484	3,459	172	22
LEINSTER	21,899	21,218	43,117	1,240	4,823	10,328	14,741	9,991	1,882	100	12
Carlow	502	488	990	37	118	248	362	189	36	-	-
Carlow Town	195	199	394	14	54	104	142	72	8	-	-
Rest of Co. Carlow	307	289	596	23	64	144	220	117	28	-	-
Dublin City	4,177	4,059	8,236	322	1,070	1,992	2,593	1,833	392	30	4
South Dublin	2,407	2,402	4,809	175	657	1,249	1,574	953	195	5	1
Fingal	2,796	2,746	5,542	126	567	1,251	2,039	1,322	222	14	1
Dun Laoghaire Rathdown	1,450	1,378	2,828	44	172	486	990	930	193	13	-
Kildare	2,069	1,925	3,994	73	385	946	1,442	986	156	6	-
Athy Town	142	144	286	11	45	70	107	47	6	-	-
Naas Town	280	237	517	7	50	114	196	116	32	2	-
Rest of Co. Kildare	1,647	1,544	3,191	55	290	762	1,139	823	118	4	-
Kilkenny	721	735	1,456	41	140	301	564	354	54	2	-
Kilkenny Borough	215	203	418	21	59	96	153	75	14	-	-
Rest of Co. Kilkenny	506	532	1,038	20	81	205	411	279	40	2	-
Laois	747	679	1,426	41	188	396	449	293	57	2	-
Longford	363	317	680	25	98	164	234	129	28	1	1
Longford Town	126	114	240	11	52	58	79	32	6	1	1
Rest of Co. Longford	237	203	440	14	46	106	155	97	22	-	-
Louth	991	976	1,967	70	279	531	647	379	60	1	-
Drogheda Borough	377	370	747	34	106	196	220	165	26	-	-
Dundalk Town	340	343	683	27	128	182	236	95	15	-	-
Rest of Co. Louth	274	263	537	9	45	153	191	119	19	1	-
Meath	1,828	1,775	3,603	62	307	851	1,334	880	157	11	1
Kells Town	158	138	296	3	29	77	100	66	19	2	-
Navan Town	399	385	784	21	80	183	284	185	26	4	1
Trim Town	94	79	173	5	15	48	50	45	10	-	-
Rest of Co. Meath	1,177	1,173	2,350	33	183	543	900	584	102	5	-
Offaly	626	607	1,233	43	144	338	391	262	53	2	-
Birr Town	98	99	197	10	26	54	59	39	9	-	-
Tullamore Town	227	227	454	12	56	121	144	103	18	-	-
Rest of Co. Offaly	301	281	582	21	62	163	188	120	26	2	-
Westmeath	790	719	1,509	38	190	381	506	326	63	3	2
Athlone Town	197	178	375	9	65	103	113	69	15	-	1
Rest of Co. Westmeath	593	541	1,134	29	125	278	393	257	48	3	1
Wexford	1,189	1,101	2,290	80	283	638	726	467	92	4	-
Enniscorthy Town	271	262	533	19	72	152	161	104	25	-	-
New Ross Town	126	112	238	3	39	61	75	49	11	-	-
Wexford Borough	159	130	289	13	42	94	88	44	6	2	-
Rest of Co. Wexford	633	597	1,230	45	130	331	402	270	50	2	-
Wicklow	1,243	1,311	2,554	63	225	556	890	688	124	6	2
Arklow Town	149	177	326	15	40	89	100	70	11	1	-
Bray Town	238	258	496	12	47	109	163	130	35	-	-
Wicklow Town	82	71	153	2	11	33	56	42	9	-	-
Rest of Co. Wicklow	774	805	1,579	34	127	325	571	446	69	5	2
MUNSTER	9,991	9,556	19,547	515	2,032	4,594	6,923	4,518	921	37	7
Clare	849	844	1,693	54	167	356	622	401	89	4	-
Ennis Town	272	265	537	26	49	116	198	123	23	2	-
Killrush Town	41	43	84	4	8	31	19	15	7	-	-
Rest of Co. Clare	536	536	1,072	24	110	209	405	263	59	2	-
Cork City	833	811	1,644	81	241	442	502	314	60	3	1
Cork County	3,509	3,337	6,846	112	514	1,430	2,689	1,778	308	12	3
Clonakilty Town	65	54	119	2	6	32	44	31	4	-	-
Cobh Town	105	89	194	6	34	46	72	28	7	1	-
Fermoy Town	91	88	179	3	16	51	65	37	7	-	-
Kinsale Town	67	51	118	2	8	19	44	37	8	-	-
Macroom Town	57	52	109	3	8	30	38	27	3	-	-
Mallow Town	137	141	278	7	37	63	107	58	6	-	-
Midleton Town	82	90	172	5	11	48	57	40	11	-	-
Skibbereen Town	44	38	82	2	4	13	33	21	8	1	-
Youghal Town	82	65	147	6	19	34	51	32	5	-	-
Rest of Co. Cork	2,779	2,669	5,448	76	371	1,094	2,178	1,467	249	10	3
Kerry	988	945	1,933	39	176	478	646	473	115	6	-
Killarney Town	213	211	424	12	34	116	138	97	27	-	-
Listowel Town	69	63	132	1	22	32	42	29	6	-	-
Tralee Town	256	231	487	17	62	125	156	102	25	-	-
Rest of Co. Kerry	450	440	890	9	58	205	310	245	57	6	-

Table 2.3 Births by area of residence, sex of infant and age at maternity in 2010 - 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	382	385	767	43	143	238	203	111	28	1	-
Limerick County	1,209	1,130	2,339	63	258	533	831	552	98	4	-
North Tipperary	647	599	1,246	33	136	306	410	275	83	2	1
Nenagh Town	193	157	350	5	40	91	112	79	21	2	-
Templemore Town	27	35	62	2	8	19	14	16	2	-	1
Thurles Town	188	203	391	15	44	104	115	85	28	-	-
Rest of North Tipperary	239	204	443	11	44	92	169	95	32	-	-
South Tipperary	635	577	1,212	40	175	339	389	207	59	2	1
Carrick-on-Suir Town	58	49	107	4	18	38	23	18	5	1	-
Cashel Town	96	88	184	6	27	50	66	27	8	-	-
Clonmel Borough	207	201	408	16	60	122	136	51	23	-	-
Tipperary Town	63	43	106	6	20	42	25	11	1	1	-
Rest of South Tipperary	211	196	407	8	50	87	139	100	22	-	1
Waterford City	426	442	868	23	139	240	289	146	27	3	1
Waterford County	513	486	999	27	83	232	342	261	54	-	-
Dungarvan Town	122	118	240	7	19	62	93	49	10	-	-
Rest of Co. Waterford	391	368	759	20	64	170	249	212	44	-	-
CONNACHT	4,213	3,970	8,183	185	735	1,778	2,913	2,089	453	28	2
Galway City	604	546	1,150	28	146	287	393	228	62	5	1
Galway County	1,439	1,442	2,881	63	206	571	1,068	802	155	15	1
Ballinasloe Town	187	202	389	16	30	96	142	92	13	-	-
Rest of Co. Galway	1,252	1,240	2,492	47	176	475	926	710	142	15	1
Leitrim	245	230	475	8	28	108	174	128	29	-	-
Mayo	961	878	1,839	43	162	430	631	461	105	7	-
Ballina Town	185	179	364	8	39	89	122	89	16	1	-
Castlebar Town	178	167	345	8	32	76	120	87	21	1	-
Westport Town	107	109	216	2	14	44	78	60	16	2	-
Rest of Co. Mayo	491	423	914	25	77	221	311	225	52	3	-
Roscommon	463	440	903	20	98	184	323	228	49	1	-
Sligo	501	434	935	23	95	198	324	242	53	-	-
Sligo Borough	158	138	296	11	49	74	99	49	14	-	-
Rest of Co. Sligo	343	296	639	12	46	124	225	193	39	-	-
ULSTER (PART OF)	2,292	2,035	4,327	103	497	1,116	1,514	886	203	7	1
Cavan	642	583	1,225	17	137	325	425	260	59	2	-
Cavan Town	146	125	271	7	43	84	86	42	9	-	-
Rest of Co. Cavan	496	458	954	10	94	241	339	218	50	2	-
Donegal	1,172	1,043	2,215	66	257	564	763	453	108	3	1
Buncrana Town	82	59	141	6	24	43	39	27	2	-	-
Bundoran Town	14	12	26	1	5	9	5	5	1	-	-
Letterkenny Town	294	276	570	24	74	138	198	111	23	2	-
Rest of Co. Donegal	782	696	1,478	35	154	374	521	310	82	1	1
Monaghan	478	409	887	20	103	227	326	173	36	2	-
Carrickmacross Town	101	76	177	4	23	44	68	35	3	-	-
Castleblaney Town	89	83	172	3	22	41	69	32	5	-	-
Clones Town	25	25	50	3	6	10	19	11	-	1	-
Monaghan Town	83	87	170	6	28	61	45	25	5	-	-
Rest of Co. Monaghan	180	138	318	4	24	71	125	70	23	1	-
Towns and Boroughs	8,000	7,590	15,590	505	1,950	4,013	5,225	3,198	668	27	4
REGIONAL AUTHORITIES:											
Border	4,029	3,675	7,704	204	899	1,953	2,659	1,635	345	8	1
Midland	2,526	2,322	4,848	147	620	1,279	1,580	1,010	201	8	3
West	3,467	3,306	6,773	154	612	1,472	2,415	1,719	371	28	2
Dublin	10,830	10,585	21,415	667	2,466	4,978	7,196	5,038	1,002	62	6
Mid-East	5,140	5,011	10,151	198	917	2,353	3,666	2,554	437	23	3
Mid-West	3,087	2,958	6,045	193	704	1,433	2,066	1,339	298	11	1
South-East	3,986	3,829	7,815	248	938	1,998	2,672	1,624	322	11	2
South-West	5,330	5,093	10,423	232	931	2,350	3,837	2,565	483	21	4

Table 2.4 Births by area of residence showing the numbers in each quarter in 2010

Area of residence	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Year	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
STATE	9,279	8,937	9,565	9,056	9,749	9,427	9,802	9,359	38,395	36,779
LEINSTER	5,281	5,156	5,434	5,289	5,545	5,386	5,639	5,387	21,899	21,218
Carlow	113	109	124	130	131	124	134	125	502	488
Dublin City	1,050	1,003	1,009	1,026	1,104	996	1,014	1,034	4,177	4,059
South Dublin	572	554	593	608	622	601	620	639	2,407	2,402
Fingal	703	709	689	667	649	683	755	687	2,796	2,746
Dun Laoghaire Rathdown	364	337	353	338	364	363	369	340	1,450	1,378
Kildare	509	464	520	467	506	493	534	501	2,069	1,925
Kilkenny	177	160	159	189	181	188	204	198	721	735
Laois	170	177	182	171	214	171	181	160	747	679
Longford	75	74	95	80	98	79	95	84	363	317
Louth	235	252	246	232	245	253	265	239	991	976
Meath	406	455	477	443	469	452	476	425	1,828	1,775
Offaly	142	141	178	147	155	159	151	160	626	607
Westmeath	186	163	203	187	192	185	209	184	790	719
Wexford	276	270	287	281	308	283	318	267	1,189	1,101
Wicklow	303	288	319	323	307	356	314	344	1,243	1,311
MUNSTER	2,432	2,286	2,512	2,273	2,520	2,485	2,527	2,512	9,991	9,556
Clare	220	199	228	193	185	231	216	221	849	844
Cork City	213	193	193	191	188	207	239	220	833	811
Cork County	858	807	890	789	879	884	882	857	3,509	3,337
Kerry	255	220	244	223	262	231	227	271	988	945
Limerick City	91	109	93	73	98	99	100	104	382	385
Limerick County	284	252	320	275	321	292	284	311	1,209	1,130
North Tipperary	157	135	148	146	168	162	174	156	647	599
South Tipperary	139	132	156	155	163	153	177	137	635	577
Waterford City	86	110	115	114	115	106	110	112	426	442
Waterford County	129	129	125	114	141	120	118	123	513	486
CONNACHT	1,007	998	1,019	1,000	1,119	1,009	1,068	963	4,213	3,970
Galway City	126	131	144	147	165	143	169	125	604	546
Galway County	360	376	358	352	393	360	328	354	1,439	1,442
Leitrim	53	52	72	64	68	54	52	60	245	230
Mayo	247	231	204	198	262	226	248	223	961	878
Roscommon	97	103	112	115	111	115	143	107	463	440
Sligo	124	105	129	124	120	111	128	94	501	434
ULSTER (PART OF)	559	497	600	494	565	547	568	497	2,292	2,035
Cavan	161	134	164	139	159	176	158	134	642	583
Donegal	270	266	313	251	294	263	295	263	1,172	1,043
Monaghan	128	97	123	104	112	108	115	100	478	409
REGIONAL AUTHORITIES:										
Border	971	906	1,047	914	998	965	1,013	890	4,029	3,675
Midland	573	555	658	585	659	594	636	588	2,526	2,322
West	830	841	818	812	931	844	888	809	3,467	3,306
Dublin	2,689	2,603	2,644	2,639	2,739	2,643	2,758	2,700	10,830	10,585
Mid-East	1,218	1,207	1,316	1,233	1,282	1,301	1,324	1,270	5,140	5,011
Mid-West	752	695	789	687	772	784	774	792	3,087	2,958
South-East	920	910	966	983	1,039	974	1,061	962	3,986	3,829
South-West	1,326	1,220	1,327	1,203	1,329	1,322	1,348	1,348	5,330	5,093

Table 2.5 Births in 2010, classified by sex and age of mother at maternity and showing the number of births outside marriage

Age of mother at maternity	Total Births (including births outside marriage)			Births outside marriage		
	Total	Males	Females	Total	Males	Females
All ages	75,174	38,395	36,779	25,372	13,028	12,344
15 and under	47	21	26	47	21	26
16	115	66	49	113	66	47
17	311	164	147	293	150	143
18	607	307	300	546	277	269
19	963	490	473	857	438	419
Under 20	2,043	1,048	995	1,856	952	904
20	1,175	602	573	1,007	524	483
21	1,320	688	632	1,141	592	549
22	1,516	772	744	1,187	607	580
23	1,917	1,032	885	1,444	768	676
24	2,159	1,073	1,086	1,547	765	782
20-24	8,087	4,167	3,920	6,326	3,256	3,070
25	2,521	1,256	1,265	1,553	772	781
26	3,015	1,532	1,483	1,648	853	795
27	3,570	1,884	1,686	1,691	910	781
28	4,029	2,018	2,011	1,590	805	785
29	4,681	2,430	2,251	1,531	781	750
25-29	17,816	9,120	8,696	8,013	4,121	3,892
30	5,088	2,622	2,466	1,420	745	675
31	5,292	2,685	2,607	1,259	681	578
32	5,385	2,670	2,715	1,111	548	563
33	5,367	2,700	2,667	970	476	494
34	4,959	2,577	2,382	810	405	405
30-34	26,091	13,254	12,837	5,570	2,855	2,715
35	4,838	2,484	2,354	774	403	371
36	4,195	2,165	2,030	662	333	329
37	3,499	1,771	1,728	589	307	282
38	2,758	1,440	1,318	449	246	203
39	2,194	1,127	1,067	363	184	179
35-39	17,484	8,987	8,497	2,837	1,473	1,364
40	1,456	725	731	275	129	146
41	926	472	454	199	105	94
42	580	292	288	142	70	72
43	319	153	166	68	31	37
44	178	86	92	26	13	13
40-44	3,459	1,728	1,731	710	348	362
45 and over	172	85	87	48	21	27
Age not stated	22	6	16	12	2	10

Table 2.6 Total births in 2010 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	1,048	995	4,167	3,920	9,120	8,696	13,254	12,837	8,987	8,497	1,728	1,731	85	87	6	16
LEINSTER	647	593	2,436	2,387	5,256	5,072	7,471	7,270	5,098	4,893	936	946	51	49	4	8
Carlow	20	17	62	56	123	125	183	179	96	93	18	18	-	-	-	-
Dublin City	168	154	510	560	1,031	961	1,337	1,256	896	937	217	175	17	13	1	3
South Dublin	84	91	324	333	627	622	796	778	485	468	89	106	2	3	-	1
Fingal	70	56	297	270	617	634	1,019	1,020	676	646	108	114	9	5	-	1
Dun Laoghaire Rathdown	27	17	85	87	258	228	488	502	487	443	98	95	7	6	-	-
Kildare	35	38	207	178	483	463	751	691	519	467	73	83	1	5	-	-
Kilkenny	19	22	75	65	146	155	288	276	173	181	19	35	1	1	-	-
Laois	22	19	94	94	227	169	238	211	140	153	25	32	1	1	-	-
Longford	15	10	51	47	88	76	120	114	72	57	16	12	1	-	-	1
Louth	38	32	141	138	261	270	332	315	192	187	27	33	-	1	-	-
Meath	33	29	156	151	440	411	657	677	452	428	84	73	5	6	1	-
Offaly	24	19	67	77	159	179	198	193	146	116	32	21	-	2	1	-
Westmeath	21	17	102	88	203	178	258	248	169	157	35	28	1	2	1	1
Wexford	42	38	154	129	316	322	381	345	252	215	42	50	2	2	-	-
Wicklow	29	34	111	114	277	279	425	465	343	345	53	71	4	2	1	1
MUNSTER	255	260	1,082	950	2,359	2,235	3,501	3,422	2,331	2,187	441	480	21	16	1	6
Clare	26	28	93	74	189	167	312	310	179	222	48	41	2	2	-	-
Cork City	47	34	126	115	205	237	261	241	171	143	22	38	1	2	-	1
Cork County	60	52	273	241	746	684	1,349	1,340	931	847	143	165	7	5	-	3
Kerry	21	18	89	87	257	221	332	314	232	241	54	61	3	3	-	-
Limerick City	22	21	79	64	115	123	100	103	53	58	12	16	1	-	-	-
Limerick County	25	38	148	110	275	258	411	420	295	257	53	45	2	2	-	-
North Tipperary	14	19	72	64	163	143	211	199	146	129	39	44	2	-	-	1
South Tipperary	16	24	86	89	174	165	207	182	119	88	31	28	1	1	1	-
Waterford City	10	13	69	70	118	122	148	141	64	82	15	12	2	1	-	1
Waterford County	14	13	47	36	117	115	170	172	141	120	24	30	-	-	-	-
CONNACHT	93	92	368	367	917	861	1,488	1,425	1,095	994	243	210	9	19	-	2
Galway City	14	14	79	67	152	135	201	192	122	106	35	27	1	4	-	1
Galway County	31	32	93	113	291	280	518	550	423	379	78	77	5	10	-	1
Leitrim	4	4	13	15	59	49	87	87	65	63	17	12	-	-	-	-
Mayo	24	19	82	80	221	209	340	291	239	222	52	53	3	4	-	-
Roscommon	7	13	53	45	94	90	167	156	116	112	26	23	-	1	-	-
Sligo	13	10	48	47	100	98	175	149	130	112	35	18	-	-	-	-
ULSTER (PART OF)	53	50	281	216	588	528	794	720	463	423	108	95	4	3	1	-
Cavan	7	10	75	62	169	156	214	211	139	121	38	21	-	2	-	-
Donegal	38	28	149	108	295	269	399	364	238	215	50	58	2	1	1	-
Monaghan	8	12	57	46	124	103	181	145	86	87	20	16	2	-	-	-
REGIONAL AUTHORITIES:																
Border	108	96	483	416	1,008	945	1,388	1,271	850	785	187	158	4	4	1	-
Midland	82	65	314	306	677	602	814	766	527	483	108	93	3	5	1	2
West	76	78	307	305	758	714	1,226	1,189	900	819	191	180	9	19	-	2
Dublin	349	318	1,216	1,250	2,533	2,445	3,640	3,556	2,544	2,494	512	490	35	27	1	5
Mid-East	97	101	474	443	1,200	1,153	1,833	1,833	1,314	1,240	210	227	10	13	2	1
Mid-West	87	106	392	312	742	691	1,034	1,032	673	666	152	146	7	4	-	1
South-East	121	127	493	445	994	1,004	1,377	1,295	845	779	149	173	6	5	1	1
South-West	128	104	488	443	1,208	1,142	1,942	1,895	1,334	1,231	219	264	11	10	-	4

Table 2.7 Births outside marriage in 2010 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	4,208	3,974	4,121	3,892	2,855	2,715	1,473	1,364	369	389	2	10	13,028	12,344
LEINSTER	2,463	2,406	2,460	2,332	1,719	1,667	918	858	232	236	1	6	7,793	7,505
Carlow	63	60	54	58	48	31	10	19	6	5	-	-	181	173
Dublin City	567	593	551	486	372	406	242	227	65	66	-	3	1,797	1,781
South Dublin	322	331	319	329	195	211	112	86	23	31	-	1	971	989
Fingal	287	238	262	268	210	195	120	98	29	21	-	-	908	820
Dun Laoghaire Rathdown	89	83	109	97	95	105	51	61	21	13	-	-	365	359
Kildare	197	180	204	213	154	131	72	68	16	15	-	-	643	607
Kilkenny	81	78	63	75	54	44	20	27	5	9	-	-	223	233
Laois	87	95	101	73	53	51	18	27	5	13	-	-	264	259
Longford	42	40	34	21	22	26	6	9	5	1	-	-	109	97
Louth	152	141	135	123	87	75	49	37	9	10	-	-	432	386
Meath	131	136	187	173	119	122	54	73	20	12	-	-	511	516
Offaly	73	79	61	75	41	50	27	16	6	2	-	-	208	222
Westmeath	96	78	94	66	71	47	26	26	5	6	-	1	292	224
Wexford	160	144	158	138	107	83	51	37	6	13	-	-	482	415
Wicklow	116	130	128	137	91	90	60	47	11	19	1	1	407	424
MUNSTER	1,127	1,015	1,103	1,029	719	663	337	312	78	90	1	2	3,365	3,111
Clare	92	91	86	75	49	55	24	23	11	10	-	-	262	254
Cork City	147	122	125	122	90	88	37	35	7	9	-	1	406	377
Cork County	277	248	316	270	218	205	109	110	23	29	-	1	943	863
Kerry	88	86	107	101	68	55	30	32	12	13	-	-	305	287
Limerick City	90	72	69	75	34	32	15	24	5	6	-	-	213	209
Limerick County	144	117	122	109	60	71	40	34	7	9	-	-	373	340
North Tipperary	76	69	73	69	47	34	25	13	4	1	-	-	225	186
South Tipperary	92	103	87	81	57	46	17	10	4	4	1	-	258	244
Waterford City	67	66	58	73	48	43	21	20	3	2	-	-	197	204
Waterford County	54	41	60	54	48	34	19	11	2	7	-	-	183	147
CONNACHT	349	332	355	339	272	265	147	145	32	44	-	2	1,155	1,127
Galway City	61	47	65	48	47	57	24	27	5	10	-	1	202	190
Galway County	93	111	106	105	80	87	47	38	12	12	-	1	338	354
Leitrim	16	13	23	17	15	16	6	9	2	4	-	-	62	59
Mayo	78	68	79	80	63	51	41	33	5	7	-	-	266	239
Roscommon	49	45	39	39	34	21	16	22	3	7	-	-	141	134
Sligo	52	48	43	50	33	33	13	16	5	4	-	-	146	151
ULSTER (PART OF)	269	221	203	192	145	120	71	49	27	19	-	-	715	601
Cavan	56	60	62	58	38	45	13	5	9	6	-	-	178	174
Donegal	157	115	98	101	71	53	44	38	15	11	-	-	385	318
Monaghan	56	46	43	33	36	22	14	6	3	2	-	-	152	109
REGIONAL AUTHORITIES:														
Border	489	423	404	382	280	244	139	111	43	37	-	-	1,355	1,197
Midland	298	292	290	235	187	174	77	78	21	22	-	1	873	802
West	281	271	289	272	224	216	128	120	25	36	-	2	947	917
Dublin	1,265	1,245	1,241	1,180	872	917	525	472	138	131	-	4	4,041	3,949
Mid-East	444	446	519	523	364	343	186	188	47	46	1	1	1,561	1,547
Mid-West	402	349	350	328	190	192	104	94	27	26	-	-	1,073	989
South-East	517	492	480	479	362	281	138	124	26	40	1	-	1,524	1,416
South-West	512	456	548	493	376	348	176	177	42	51	-	2	1,654	1,527

Table 2.8 Total births in 2010, 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	75,174	31,078	24,770	12,317	4,428	1,402	468	190	104	52	23	19	323
15 and under	47	47	-	-	-	-	-	-	-	-	-	-	-
16	115	110	5	-	-	-	-	-	-	-	-	-	-
17	311	297	14	-	-	-	-	-	-	-	-	-	-
18	607	552	48	4	-	-	-	-	-	-	-	-	3
19	963	810	131	19	-	-	-	-	-	-	-	-	3
Under 20	2,043	1,816	198	23	-	-	-	-	-	-	-	-	6
20	1,175	917	227	25	-	1	-	-	-	-	-	-	5
21	1,320	934	320	55	6	2	-	-	-	-	-	-	3
22	1,516	951	447	94	12	3	-	-	-	-	-	-	9
23	1,917	1,138	582	140	38	9	2	-	-	-	-	-	8
24	2,159	1,207	700	183	41	12	2	1	-	-	-	-	13
20-24	8,087	5,147	2,276	497	97	27	4	1	-	-	-	-	38
25	2,521	1,355	797	248	85	13	3	2	-	-	-	-	18
26	3,015	1,607	950	327	85	20	10	-	-	1	-	-	15
27	3,570	1,811	1,102	442	145	33	10	5	-	-	-	-	22
28	4,029	2,036	1,283	471	161	42	14	4	1	-	-	-	17
29	4,681	2,277	1,521	590	191	57	13	6	3	3	1	-	19
25-29	17,816	9,086	5,653	2,078	667	165	50	17	4	4	1	-	91
30	5,088	2,376	1,716	667	202	68	26	10	8	1	-	-	14
31	5,292	2,265	1,873	758	242	85	27	11	5	3	1	-	22
32	5,385	2,136	2,012	824	256	81	31	10	8	4	-	1	22
33	5,367	1,898	2,020	954	304	110	38	11	8	3	-	1	20
34	4,959	1,505	1,942	1,026	302	102	33	12	9	4	1	2	21
30-34	26,091	10,180	9,563	4,229	1,306	446	155	54	38	15	2	4	99
35	4,838	1,246	1,790	1,164	411	118	44	25	14	4	1	1	20
36	4,195	991	1,490	1,105	407	113	36	10	9	6	3	2	23
37	3,499	800	1,171	933	388	126	40	12	7	4	4	2	12
38	2,758	564	924	762	346	103	34	11	2	3	3	1	5
39	2,194	433	638	637	313	99	30	15	6	4	3	5	11
35-39	17,484	4,034	6,013	4,601	1,865	559	184	73	38	21	14	11	71
40	1,456	297	422	398	217	62	20	16	7	4	3	3	7
41	926	199	283	230	120	55	22	8	6	-	1	-	2
42	580	137	164	121	77	38	17	13	4	4	1	1	3
43	319	78	93	65	41	22	7	3	3	2	1	-	4
44	178	44	50	41	19	12	7	1	3	-	-	-	1
40-44	3,459	755	1,012	855	474	189	73	41	23	10	6	4	17
45 and over	172	50	49	32	16	15	2	4	1	2	-	-	1
Age not stated	22	10	6	2	3	1	-	-	-	-	-	-	-

Table 2.9 Births outside marriage in 2010, 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	25,372	13,405	7,361	2,813	1,055	378	139	60	34	12	8	3	104
15 and under	47	47	-	-	-	-	-	-	-	-	-	-	-
16	113	108	5	-	-	-	-	-	-	-	-	-	-
17	293	282	11	-	-	-	-	-	-	-	-	-	-
18	546	501	40	3	-	-	-	-	-	-	-	-	2
19	857	736	106	13	-	-	-	-	-	-	-	-	2
Under 20	1,856	1,674	162	16	-	-	-	-	-	-	-	-	4
20	1,007	814	170	18	-	1	-	-	-	-	-	-	4
21	1,141	833	263	38	3	1	-	-	-	-	-	-	3
22	1,187	789	319	63	9	3	-	-	-	-	-	-	4
23	1,444	879	438	89	26	6	1	-	-	-	-	-	5
24	1,547	882	505	119	29	4	1	-	-	-	-	-	7
20-24	6,326	4,197	1,695	327	67	15	2	-	-	-	-	-	23
25	1,553	840	507	140	50	5	1	-	-	-	-	-	10
26	1,648	867	544	170	44	7	6	-	-	-	-	-	10
27	1,691	823	538	221	78	15	5	3	-	-	-	-	8
28	1,590	742	539	192	79	21	9	2	-	-	-	-	6
29	1,531	706	505	217	65	20	3	3	2	2	1	-	7
25-29	8,013	3,978	2,633	940	316	68	24	8	2	2	1	-	41
30	1,420	643	450	205	68	26	9	5	7	1	-	-	6
31	1,259	502	423	205	76	34	8	5	-	-	-	-	6
32	1,111	452	349	188	75	30	7	2	3	1	-	1	3
33	970	399	283	154	74	38	11	5	3	-	-	-	3
34	810	311	251	140	56	28	13	2	3	1	-	-	5
30-34	5,570	2,307	1,756	892	349	156	48	19	16	3	-	1	23
35	774	258	244	136	80	32	9	6	4	1	-	-	4
36	662	233	208	121	62	20	8	3	2	1	2	1	1
37	589	215	185	93	49	25	14	3	3	-	1	-	1
38	449	152	155	67	40	19	10	5	-	-	-	-	1
39	363	120	107	75	34	12	8	1	2	2	1	-	1
35-39	2,837	978	899	492	265	108	49	18	11	4	4	1	8
40	275	89	75	63	20	10	5	6	1	1	1	1	3
41	199	69	66	33	14	5	4	3	3	-	1	-	1
42	142	52	37	25	10	6	4	6	-	1	-	-	1
43	68	31	16	9	8	1	-	-	1	1	1	-	-
44	26	8	8	6	-	2	2	-	-	-	-	-	-
40-44	710	249	202	136	52	24	15	15	5	3	3	1	5
45 and over	48	15	12	9	5	6	1	-	-	-	-	-	-
Age not stated	12	7	2	1	1	1	-	-	-	-	-	-	-

Table 2.10 Births within marriage in 2010, classified by age of mother at maternity and year of marriage

Age of mother at maternity	Total	Births within marriage: the year of marriage being												
		2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999 & earlier	Not stated
All ages	49,802	887	6,472	6,755	6,269	5,541	4,742	3,754	2,911	2,289	1,787	1,484	3,423	3,488
15 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	2	1	-	-	-	-	-	-	-	-	-	-	-	1
17	18	4	9	1	-	-	-	-	-	-	-	-	-	4
18	61	14	28	9	2	-	-	-	-	-	-	-	-	8
19	106	14	39	18	11	2	-	-	-	-	-	-	-	22
Under 20	187	33	76	28	13	2	-	-	-	-	-	-	-	35
20	168	22	48	37	24	9	3	-	-	-	-	-	-	25
21	179	29	44	37	26	18	9	-	-	-	-	-	-	16
22	329	32	89	60	51	37	16	4	-	1	-	-	-	39
23	473	38	125	88	75	48	30	14	10	1	-	-	-	44
24	612	32	147	132	82	54	48	30	19	7	1	1	-	59
20-24	1,761	153	453	354	258	166	106	48	29	9	1	1	-	183
25	968	36	246	180	149	95	68	47	32	13	9	1	-	92
26	1,367	54	338	293	207	127	79	56	41	30	17	10	3	112
27	1,879	68	456	420	268	194	105	68	49	43	37	21	10	140
28	2,439	58	560	559	374	255	185	102	62	40	35	30	13	166
29	3,150	60	595	678	504	352	268	174	88	82	53	23	43	230
25-29	9,803	276	2,195	2,130	1,502	1,023	705	447	272	208	151	85	69	740
30	3,668	59	642	688	624	457	348	226	149	87	56	43	63	226
31	4,033	63	649	665	622	555	425	292	198	108	80	49	89	238
32	4,274	46	581	621	671	584	496	346	238	142	88	65	111	285
33	4,397	37	463	558	608	604	527	432	304	221	146	101	147	249
34	4,149	46	348	458	530	530	496	396	336	244	183	119	210	253
30-34	20,521	251	2,683	2,990	3,055	2,730	2,292	1,692	1,225	802	553	377	620	1,251
35	4,064	45	280	378	373	447	473	422	362	276	226	203	302	277
36	3,533	33	242	281	331	364	378	339	283	281	232	180	362	227
37	2,910	33	183	198	231	276	264	274	240	213	200	192	395	211
38	2,309	21	138	147	181	181	182	202	176	192	150	149	404	186
39	1,831	17	89	104	133	131	153	132	137	135	123	117	412	148
35-39	14,647	149	932	1,108	1,249	1,399	1,450	1,369	1,198	1,097	931	841	1,875	1,049
40	1,181	13	59	59	85	105	83	78	82	84	71	67	308	87
41	727	5	35	37	48	50	44	56	46	41	32	49	224	60
42	438	4	20	19	24	22	32	30	30	23	17	29	148	40
43	251	2	10	14	11	29	14	18	10	12	8	18	87	18
44	152	1	4	11	7	6	13	8	12	8	13	10	47	12
40-44	2,749	25	128	140	175	212	186	190	180	168	141	173	814	217
45 and over	124	-	1	5	17	8	3	7	7	4	9	7	44	12
Age not stated	10	-	4	-	-	1	-	1	-	1	1	-	1	1

Table 2.11 First births within marriage in 2010, classified by age of mother at maternity and year of marriage

Age of mother at maternity	Total	First births within marriage: the year of marriage being												
		2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999 & earlier	Not stated
All ages	17,673	608	4,615	4,494	2,607	1,485	893	550	322	180	160	108	193	1,458
15 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	2	1	-	-	-	-	-	-	-	-	-	-	-	1
17	15	3	9	-	-	-	-	-	-	-	-	-	-	3
18	51	14	26	6	-	-	-	-	-	-	-	-	-	5
19	74	14	35	12	2	-	-	-	-	-	-	-	-	11
Under 20	142	32	70	18	2	-	-	-	-	-	-	-	-	20
20	103	17	41	20	5	-	-	-	-	-	-	-	-	20
21	101	23	33	22	9	3	3	-	-	-	-	-	-	8
22	162	26	67	28	16	7	1	-	-	-	-	-	-	17
23	259	33	93	62	27	10	6	3	-	-	-	-	-	25
24	325	26	108	84	38	17	13	4	3	1	-	1	-	30
20-24	950	125	342	216	95	37	23	7	3	1	-	1	-	100
25	515	30	169	116	82	39	12	6	5	1	1	1	-	53
26	740	42	236	210	100	51	22	9	4	4	2	1	-	59
27	988	49	297	299	135	68	21	22	4	3	4	1	-	85
28	1,294	46	411	385	180	89	48	24	9	7	2	3	-	90
29	1,571	38	432	471	250	118	71	30	20	5	7	2	3	124
25-29	5,108	205	1,545	1,481	747	365	174	91	42	20	16	8	3	411
30	1,733	33	461	507	296	149	72	43	20	8	7	5	3	129
31	1,763	47	498	470	285	156	84	57	21	7	10	2	4	122
32	1,684	22	435	451	300	149	103	51	20	9	10	5	10	119
33	1,499	22	344	377	251	158	95	58	34	23	15	5	11	106
34	1,194	27	238	297	177	119	90	48	34	29	14	12	11	98
30-34	7,873	151	1,976	2,102	1,309	731	444	257	129	76	56	29	39	574
35	988	27	190	213	128	108	76	52	38	15	16	9	18	98
36	758	15	155	164	96	68	55	41	30	20	11	14	19	70
37	585	20	129	97	61	55	42	42	18	13	18	11	15	64
38	412	15	83	79	56	37	24	11	21	11	9	10	16	40
39	313	7	52	51	46	27	19	13	17	10	10	9	20	32
35-39	3,056	84	609	604	387	295	216	159	124	69	64	53	88	304
40	208	5	33	30	21	31	11	7	9	4	12	5	26	14
41	130	2	19	22	16	13	10	11	3	2	3	4	11	14
42	85	3	12	4	13	5	6	6	4	4	4	3	10	11
43	47	-	4	7	5	6	3	8	4	3	1	2	4	-
44	36	1	2	7	3	1	5	1	3	1	3	1	5	3
40-44	506	11	70	70	58	56	35	33	23	14	23	15	56	42
45 and over	35	-	1	3	9	1	1	3	1	-	1	2	7	6
Age not stated	3	-	2	-	-	-	-	-	-	-	-	-	-	1

Table 2.12 Births in 2010, 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	75,174	47	1,996	8,087	17,816	26,091	17,484	3,459	172	22
Under 28	228	1	4	25	63	62	61	12	-	-
28-31	492	-	23	64	95	142	127	39	2	-
32-35	1,994	3	58	195	436	650	487	149	14	2
36-39	28,918	15	629	2,684	6,369	9,921	7,519	1,681	95	5
40 and over	41,325	25	1,220	4,859	10,307	14,533	8,811	1,500	57	13
Not stated	2,217	3	62	260	546	783	479	78	4	2

Table 2.13 Births in 2010, 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	75,174	47	1,996	8,087	17,816	26,091	17,484	3,459	172	22
Under 1000	255	1	7	32	62	63	74	14	2	-
1000-1499	399	-	14	46	88	115	94	40	2	-
1500-1999	771	-	23	89	161	258	178	56	6	-
2000-2499	2,326	4	82	267	534	716	546	162	14	1
2500-2999	8,671	7	315	1,133	2,162	2,697	1,861	459	34	3
3000-3499	24,205	14	750	2,880	6,046	8,115	5,316	1,036	44	4
3500-3999	25,706	16	620	2,543	5,940	9,338	6,114	1,077	50	8
4000 and over	12,255	3	172	1,042	2,680	4,579	3,170	586	18	5
Not stated	586	2	13	55	143	210	131	29	2	1

Table 2.14 Births in 2010, 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	75,174	228	492	1,994	28,918	41,325	2,217
Under 1000	255	173	60	2	5	7	8
1000-1499	399	49	222	103	12	9	4
1500-1999	771	-	145	483	127	9	7
2000-2499	2,326	-	13	763	1,331	170	49
2500-2999	8,671	1	17	492	5,722	2,243	196
3000-3499	24,205	-	14	100	11,136	12,356	599
3500-3999	25,706	1	10	30	7,925	17,076	664
4000 and over	12,255	-	4	8	2,582	9,327	334
Not stated	586	4	7	13	78	128	356

Table 2.15 Births in 2010, 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	75,174	255	399	771	2,326	8,671	24,205	25,706	12,255	586
Male	38,395	136	200	367	1,066	3,802	11,356	13,515	7,675	278
Female	36,779	119	199	404	1,260	4,869	12,849	12,191	4,580	308

Table 2.16 Births in 2010, 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	75,174	228	492	1,994	28,918	41,325	2,217
Male	38,395	124	248	1,082	14,821	20,991	1,129
Female	36,779	104	244	912	14,097	20,334	1,088

Table 2.17 Births in 2010 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	74,848	-	-	74,848	326	-	-	326
LEINSTER	42,202	1,101	1,847	42,948	180	14	3	169
Carlow	-	-	987	987	1	-	2	3
Dublin City	27,501	19,511	204	8,194	49	25	18	42
South Dublin	-	-	4,798	4,798	1	-	10	11
Fingal	-	-	5,522	5,522	56	47	11	20
Dun Laoghaire Rathdown	1,064	749	2,491	2,806	1	1	22	22
Kildare	1	-	3,976	3,977	12	-	5	17
Kilkenny	2,122	1,059	390	1,453	3	2	2	3
Laois	2,318	1,146	252	1,424	5	4	1	2
Longford	-	-	680	680	1	1	-	-
Louth	3,996	2,168	129	1,957	19	9	-	10
Meath	-	-	3,590	3,590	4	-	9	13
Offaly	1	-	1,229	1,230	1	1	3	3
Westmeath	2,984	1,899	422	1,507	7	5	-	2
Wexford	2,215	314	379	2,280	11	1	-	10
Wicklow	-	-	2,543	2,543	9	2	4	11
MUNSTER	19,479	792	745	19,432	106	3	12	115
Clare	-	-	1,682	1,682	6	-	5	11
Cork City	8,843	7,223	13	1,633	42	31	-	11
Cork County	1	-	6,798	6,799	11	1	37	47
Kerry	1,720	98	295	1,917	15	1	2	16
Limerick City	5,217	4,458	6	765	9	7	-	2
Limerick County	-	-	2,333	2,333	2	-	4	6
North Tipperary	-	-	1,239	1,239	3	-	4	7
South Tipperary	1,282	335	265	1,212	2	2	-	-
Waterford City	2,416	1,567	11	860	15	7	-	8
Waterford County	-	-	992	992	1	-	6	7
CONNACHT	9,144	1,293	296	8,147	34	2	4	36
Galway City	3,510	2,381	18	1,147	17	14	-	3
Galway County	2,163	1,441	2,147	2,869	-	-	12	12
Leitrim	-	-	474	474	-	-	1	1
Mayo	1,830	152	150	1,828	10	-	1	11
Roscommon	-	-	898	898	2	-	3	5
Sligo	1,641	749	39	931	5	1	-	4
ULSTER (PART OF)	4,023	369	667	4,321	6	1	1	6
Cavan	2,029	939	135	1,225	2	2	-	-
Donegal	1,994	1	217	2,210	4	-	1	5
Monaghan	-	-	886	886	-	-	1	1
REGIONAL AUTHORITIES:								
Border	9,660	2,324	347	7,683	30	11	2	21
Midland	5,303	1,665	1,203	4,841	14	7	-	7
West	7,503	1,129	368	6,742	29	2	4	31
Dublin	28,565	7,750	505	21,320	107	19	7	95
Mid-East	1	-	10,109	10,110	25	2	18	41
Mid-West	5,217	232	1,034	6,019	20	-	6	26
South-East	8,035	861	610	7,784	33	2	-	31
South-West	10,564	378	163	10,349	68	1	7	74

Table 2.18 Births in 2010 by day of occurrence and mothers' usual residence

Area of residence	Day of occurrence						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
STATE	10,682	11,990	12,036	12,115	12,125	8,371	7,855
LEINSTER	6,103	6,814	6,734	6,984	6,786	4,993	4,703
Carlow	147	156	140	173	151	117	106
Dublin City	1,199	1,208	1,262	1,298	1,275	1,031	963
South Dublin	651	713	762	798	746	611	528
Fingal	756	819	918	885	837	653	674
Dun Laoghaire Rathdown	438	447	458	438	438	314	295
Kildare	541	692	623	626	667	437	408
Kilkenny	203	282	223	244	194	165	145
Laois	219	222	189	259	245	151	141
Longford	103	107	106	116	103	76	69
Louth	268	327	284	336	347	197	208
Meath	542	625	571	548	582	375	360
Offaly	192	195	190	197	215	121	123
Westmeath	192	242	267	252	227	180	149
Wexford	316	375	327	423	354	278	217
Wicklow	336	404	414	391	405	287	317
MUNSTER	2,725	3,203	3,284	3,131	3,266	2,086	1,852
Clare	207	272	320	277	317	157	143
Cork City	240	239	281	259	294	177	154
Cork County	984	1,110	1,074	1,125	1,164	731	658
Kerry	236	352	271	344	328	209	193
Limerick City	100	157	124	136	116	77	57
Limerick County	341	419	408	376	380	219	196
North Tipperary	148	205	227	193	202	152	119
South Tipperary	179	185	250	143	187	142	126
Waterford City	135	119	157	126	129	96	106
Waterford County	155	145	172	152	149	126	100
CONNACHT	1,246	1,329	1,300	1,237	1,367	861	843
Galway City	182	193	190	165	187	122	111
Galway County	430	460	448	445	486	313	299
Leitrim	64	86	68	83	81	50	43
Mayo	303	308	292	275	292	185	184
Roscommon	128	133	166	139	146	90	101
Sligo	139	149	136	130	175	101	105
ULSTER (PART OF)	608	644	718	763	706	431	457
Cavan	180	191	209	198	201	111	135
Donegal	283	317	375	427	356	241	216
Monaghan	145	136	134	138	149	79	106
REGIONAL AUTHORITIES:							
Border	1,079	1,206	1,206	1,312	1,309	779	813
Midland	706	766	752	824	790	528	482
West	1,043	1,094	1,096	1,024	1,111	710	695
Dublin	3,044	3,187	3,400	3,419	3,296	2,609	2,460
Mid-East	1,419	1,721	1,608	1,565	1,654	1,099	1,085
Mid-West	796	1,053	1,079	982	1,015	605	515
South-East	1,135	1,262	1,269	1,261	1,164	924	800
South-West	1,460	1,701	1,626	1,728	1,786	1,117	1,005

Table 2.19 Births per 1,000 women in each age-group, Ireland, England and Wales, 2010

Age of mother	Total Births per 1,000 women		Births (within marriage) per 1,000 married women		Births (outside marriage) per 1,000 single, widowed, divorced or separated women	
	Ireland*	England and Wales	Ireland*	England and Wales	Ireland*	England and Wales
15 - 19 years	14.4	24.2	233.8	323.8	13.2	23.2
20 - 24 "	48.7	74.0	225.8	335.2	39.9	58.9
25 - 29 "	91.1	108.0	205.9	259.2	54.1	63.6
30 - 34 "	136.3	117.8	207.1	195.0	60.3	61.2
35 - 39 "	97.8	61.5	121.8	78.9	48.5	40.8
40 - 44 "	21.7	12.5	24.4	13.2	15.1	11.6
45 - 49 "	1.1	0.9	1.1	0.9	1.2	0.8
Total 15 - 49 years	63.5	55.2	100.0	79.9	37.0	55.2

* Rates are based on the 2010 usual residence population estimates.

¹ Since the number of births within marriage 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, 1985-2010

Year	Live births	Maternities which resulted in live issue	Multiple confinements					Twinning rate
			Twins	Triplets	Quadruplets	Quintuplets		
1985	62,388	61,736	651	6	-	-	10.5	
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	

Table 2.21 Births by area of residence of mother during 2010 showing births outside marriage separately

Area of residence	Total (including outside marriage)			Rate per 1,000 population	Outside marriage			Percentage births outside marriage
	Males	Females	Total		Males	Females	Total	
STATE	38,395	36,779	75,174	16.5	13,028	12,344	25,372	33.8
LEINSTER	21,899	21,218	43,117	17.3	7,793	7,505	15,298	35.5
Carlow	502	488	990	18.1	181	173	354	35.8
Dublin City	4,177	4,059	8,236	16.0	1,797	1,781	3,578	43.4
South Dublin	2,407	2,402	4,809	18.1	971	989	1,960	40.8
Fingal	2,796	2,746	5,542	20.2	908	820	1,728	31.2
Dun Laoghaire Rathdown	1,450	1,378	2,828	13.8	365	359	724	25.6
Kildare	2,069	1,925	3,994	19.1	643	607	1,250	31.3
Kilkenny	721	735	1,456	15.2	223	233	456	31.3
Laois	747	679	1,426	17.9	264	259	523	36.7
Longford	363	317	680	17.5	109	97	206	30.3
Louth	991	976	1,967	16.0	432	386	818	41.6
Meath	1,828	1,775	3,603	19.6	511	516	1,027	28.5
Offaly	626	607	1,233	16.3	208	222	430	34.9
Westmeath	790	719	1,509	17.8	292	224	516	34.2
Wexford	1,189	1,101	2,290	15.7	482	415	897	39.2
Wicklow	1,243	1,311	2,554	18.8	407	424	831	32.5
MUNSTER	9,991	9,556	19,547	15.7	3,365	3,111	6,476	33.1
Clare	849	844	1,693	14.4	262	254	516	30.5
Cork City	833	811	1,644	14.1	406	377	783	47.6
Cork County	3,509	3,337	6,846	17.1	943	863	1,806	26.4
Kerry	988	945	1,933	13.5	305	287	592	30.6
Limerick City	382	385	767	13.6	213	209	422	55.0
Limerick County	1,209	1,130	2,339	17.5	373	340	713	30.5
North Tipperary	647	599	1,246	17.5	225	186	411	33.0
South Tipperary	635	577	1,212	13.6	258	244	502	41.4
Waterford City	426	442	868	18.8	197	204	401	46.2
Waterford County	513	486	999	14.8	183	147	330	33.0
CONNACHT	4,213	3,970	8,183	15.3	1,155	1,127	2,282	27.9
Galway City	604	546	1,150	16.1	202	190	392	34.1
Galway County	1,439	1,442	2,881	16.6	338	354	692	24.0
Leitrim	245	230	475	14.9	62	59	121	25.5
Mayo	961	878	1,839	14.2	266	239	505	27.5
Roscommon	463	440	903	14.1	141	134	275	30.5
Sligo	501	434	935	14.5	146	151	297	31.8
ULSTER (PART OF)	2,292	2,035	4,327	14.8	715	601	1,316	30.4
Cavan	642	583	1,225	16.8	178	174	352	28.7
Donegal	1,172	1,043	2,215	13.9	385	318	703	31.7
Monaghan	478	409	887	14.6	152	109	261	29.4
REGIONAL AUTHORITIES:								
Border	4,029	3,675	7,704	15.1	1,355	1,197	2,552	33.1
Midland	2,526	2,322	4,848	17.3	873	802	1,675	34.6
West	3,467	3,306	6,773	15.5	947	917	1,864	27.5
Dublin	10,830	10,585	21,415	17.0	4,041	3,949	7,990	37.3
Mid-East	5,140	5,011	10,151	19.2	1,561	1,547	3,108	30.6
Mid-West	3,087	2,958	6,045	16.0	1,073	989	2,062	34.1
South-East	3,986	3,829	7,815	15.7	1,524	1,416	2,940	37.6
South-West	5,330	5,093	10,423	15.8	1,654	1,527	3,181	30.5

Table 2.22 Average age at maternity by area of residence of mother during 2010 showing births inside and outside marriage separately

Area of residence	Total (including outside marriage)		Within marriage		Outside marriage	
	Total births	First births	Total births	First births	Total births	First births
STATE	31.5	29.4	33.2	31.6	28.2	26.6
LEINSTER	31.4	29.4	33.1	31.5	28.3	26.7
Carlow	30.8	28.2	32.6	30.8	27.6	25.3
Dublin City	31.0	29.3	33.0	31.5	28.4	26.9
South Dublin	30.7	28.7	32.6	31.0	27.9	26.3
Fingal	31.7	29.9	33.0	31.6	28.6	27.1
Dun Laoghaire Rathdown	33.2	31.3	34.4	32.7	29.7	28.8
Kildare	31.7	29.7	33.2	31.6	28.3	26.8
Kilkenny	31.7	29.4	33.5	32.2	27.8	26.0
Laois	30.8	29.2	32.5	31.4	27.8	26.1
Longford	30.7	28.5	32.1	30.7	27.5	25.2
Louth	30.5	28.2	32.5	31.1	27.7	25.6
Meath	31.9	29.9	33.1	31.6	28.8	27.0
Offaly	31.0	28.6	32.8	31.0	27.7	25.9
Westmeath	31.1	28.8	32.7	30.9	28.0	26.3
Wexford	30.8	28.5	32.8	31.0	27.8	26.1
Wicklow	32.0	29.8	33.6	32.0	28.6	26.9
MUNSTER	31.5	29.4	33.3	31.7	27.9	26.3
Clare	31.8	29.7	33.5	32.2	27.8	25.9
Cork City	30.3	28.3	32.8	31.2	27.6	25.8
Cork County	32.2	30.1	33.5	31.9	28.6	26.9
Kerry	31.9	29.5	33.4	31.4	28.4	26.9
Limerick City	29.3	27.1	31.9	30.1	27.1	25.4
Limerick County	31.5	29.3	33.2	31.5	27.6	26.3
North Tipperary	31.6	29.1	33.5	31.7	27.6	25.7
South Tipperary	30.5	28.4	33.0	31.1	27.0	26.0
Waterford City	30.3	28.4	32.4	30.8	27.9	26.3
Waterford County	32.0	29.7	33.7	32.2	28.3	26.6
CONNACHT	32.1	30.0	33.4	31.8	28.7	27.1
Galway City	31.3	30.1	32.4	31.6	29.3	27.8
Galway County	32.5	30.4	33.7	32.0	28.6	27.0
Leitrim	32.4	30.6	33.5	32.8	29.0	27.2
Mayo	32.0	29.8	33.3	31.6	28.7	27.2
Roscommon	31.9	29.3	33.4	31.6	28.3	26.2
Sligo	31.9	29.4	33.7	31.6	28.1	26.7
ULSTER (PART OF)	31.2	28.7	32.8	31.0	27.7	25.9
Cavan	31.4	29.0	32.8	31.0	27.9	26.3
Donegal	31.2	28.7	32.8	31.0	27.7	25.9
Monaghan	31.2	28.5	32.8	30.9	27.3	25.4
REGIONAL AUTHORITIES:						
Border	31.2	28.8	32.9	31.2	27.8	26.0
Midland	30.9	28.9	32.6	31.1	27.8	26.0
West	32.1	30.0	33.4	31.8	28.7	27.1
Dublin	31.4	29.6	33.2	31.6	28.4	27.0
Mid-East	31.9	29.8	33.3	31.7	28.6	26.9
Mid-West	31.3	29.1	33.3	31.6	27.5	25.9
South-East	31.0	28.7	33.0	31.4	27.7	26.0
South-West	31.8	29.7	33.4	31.8	28.3	26.6

Table 2.23 Births inside and outside marriage and rates per 1,000 population, 1864-2010

Period	Inside marriage		Outside marriage				% 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

Table 2.24a Total births in 2010 classified by nationality of mother and marital status

Nationality of mother	Total births	% of total births	% of births outside marriage	Average age
Total	75,174	100.0	33.8	31.5
Ireland	57,397	76.4	34.1	31.9
United Kingdom	1,714	2.3	43.1	31.7
EU15 excl. Irl & UK	1,121	1.5	40.3	33.1
Accession states (EU27 excl. EU15)	7,892	10.5	37.9	28.6
Other	6,165	8.2	20.5	31.1
Not stated	885	1.2	36.9	31.2

Table 2.24b Total births in 2010 classified by sex of infant and nationality of parents

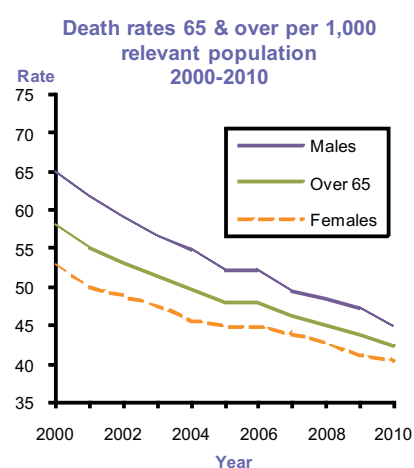
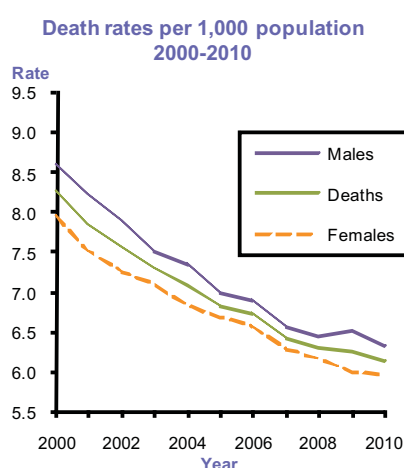
Nationality of mother	Nationality of father	Number	% of all births
Total		75,174	100.0
Ireland	Ireland	40,273	53.6
Ireland	United Kingdom	1,222	1.6
Ireland	EU15 excl. Irl & UK	297	0.4
Ireland	Accession states (EU27 excl. EU15)	303	0.4
Ireland	Other	900	1.2
Ireland	Not stated	14,402	19.2
United Kingdom	Ireland	909	1.2
EU15 excl. Irl & UK	Ireland	448	0.6
Accession states (EU27 excl. EU15)	Ireland	389	0.5
Other	Ireland	972	1.3
Not stated	Ireland	177	0.2
United Kingdom	United Kingdom	312	0.4
EU15 excl. Irl & UK	EU15 excl. Irl & UK	235	0.3
Accession states (EU27 excl. EU15)	Accession states (EU27 excl. EU15)	4,994	6.6
Other	Other	3,692	4.9
Remainder	Remainder	5,649	7.5

Chapter 3

Deaths 2010

There were 27,961 deaths in Ireland in 2010, of which 14,334 were males and 13,627 were females. This is equivalent to a rate of 6.1 deaths per 1,000 total population compared with 6.3 in 2009 and 6.3 in 2008. 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 2.11 per 1,000 of the population in 2010. 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)	5.88		
European Union (15 Countries)	5.30		
Belgium	6.01	Luxembourg	5.25
Bulgaria	9.70	Hungary	8.98
Czech Republic	7.24	Malta	5.17
Denmark	6.44	Netherlands	5.43
Germany	5.65	Austria	5.48
Estonia	8.00	Poland	7.76
Ireland	5.45	Portugal	6.02
Greece	5.58	Romania	9.48
Spain	4.88	Slovenia	6.01
France	5.01	Slovakia	8.55
Italy	4.96	Finland	5.74
Cyprus	5.12	Sweden	5.14
Latvia	9.39	United Kingdom	5.54
Lithuania	9.51		

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

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

Source: Eurostat

The standardised death rate presented for Ireland for 2010 is 5.45 per 1,000 of population. This figure is provisional and based on deaths registered in 2010. This rate is below the standardised rate for the European Union 27 countries for which a rate of 5.88 has been calculated and above the standardised rate for the European Union 15 countries, which was calculated at 5.30 deaths per 1,000 of population. The Irish standardised death rate in 2010 was slightly lower than that of the United Kingdom, 5.45 per 1,000 of the Irish population compared with 5.54 per 1,000 of the UK population. See table 1.

In certain areas the standardised death rates differ significantly from the crude rates, the extremes being Fingal which had a crude death rate of 3.08 and a standardised rate of 5.02 (reflecting the very young age structure in Fingal) and Mayo where the standardisation had the effect of lowering the crude death rate from 8.77 to 6.74 because of the comparatively older age distribution in that county.

The standardised death rates in 2010 were lowest in South Dublin (at 4.76 per thousand) and highest in Cork City (at 7.69 per thousand). See table 3.3.

Causes of Death

Of deaths occurring in 2010, just under 76% were attributed to 3 main chapters in the ICD-10 classification: IX (I00-I99) diseases of the circulatory system (34.3%), II (C00-D48) neoplasms (29.7%), and X (J00-J99) diseases of the respiratory system (11.7%). A similar breakdown is evident for males and females. See table 3.8.

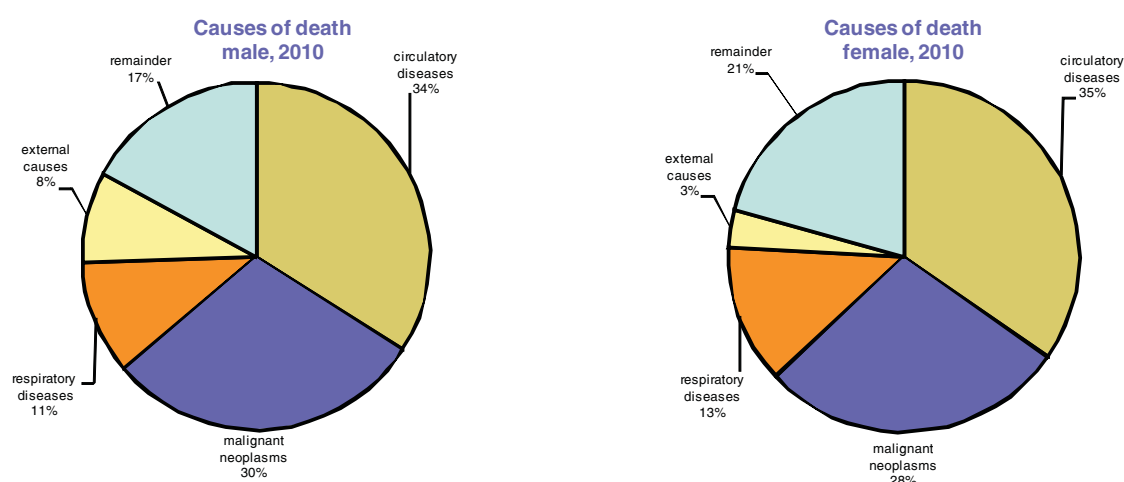


Table II Standardised death rates per 1,000 population for certain underlying causes of death in each year 1981 to 2010

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
1996	31,723	7,439	13,897	4,717	1,444
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
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
1996	9.26	2.05	3.83	1.30	0.40
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

Within different age-groups, there are significant differences in the assigned underlying causes of death. For those aged less than five years of age, the main cause of death was Certain conditions originating in the perinatal period (41.1%). In this age group 42.1% of male deaths and 39.8% of female deaths were attributed to these causes. Certain conditions originating in the perinatal period also accounted for a large volume of deaths (36.1%) in this age-group. The numbers of deaths in the 0-4 age-group are very much dominated by infant deaths (85.8% aged 0). See tables 3.9 and 3.10.

A large proportion of deaths in younger age-groups, from ages 5 to 34, were due to External causes of injury and poisoning (62.6%). Almost 69% of males aged 5 to 34 died due external causes of injury and poisoning. The corresponding figure for females was just over 44%. Additionally, there were 4.7 male deaths for every 1 female death in this age group. External causes of injury and poisoning (46.8%) were also the main causes of death for males aged 35-44 while neoplasms (43.4%) 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 (39.4%) and females (52.8%), with older age-groups (75 years and over) more affected by diseases of the circulatory system for both males (39.4%) and females (41.7%). See table 3.9.

Neoplasms

There were 8,316 deaths due to neoplasms in 2010, 1.83 per 1,000 of population. Of these, 8,135 were due to malignant neoplasm, 4,270 males and 3,865 females. See tables 3.13 and 3.14.

Malignant neoplasm of the digestive organs was the most common of these cancers (30.8%). 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. See tables 3.13, 3.14 and 3.15.

Cancer was the most common cause of death in females aged from 35 to 74 and in males aged from 45 to 74. North Tipperary had the highest age standardised death rate from cancer, 2.40 per 1,000 of population, while Offaly had the lowest at 1.33 per 1,000 of population. See tables 3.10 and 3.12.

Table III Crude death rates from cancer (C00-C97) per 1,000 population in Ireland and neighbouring countries, in each year 1987-2010

Year	Ireland*	Northern Ireland	England and Wales	Scotland
1987	1.96	2.14	2.80	2.87
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

* Exclusive of Northern Ireland

Diseases of the circulatory system

There were 9,594 deaths attributed to diseases of the circulatory system in 2010, of which 4,870 were deaths of males and 4,724 of females.

Overall, diseases of the circulatory system were the most common causes of death in 2010, 2.11 deaths per 1,000 of population. Almost 72% of circulatory deaths occurred where the person was aged 75 and over. For those aged under 75 there were 2.4 male deaths for every one female death.

For deaths caused by diseases of the circulatory system, almost 51% were due to Ischaemic heart diseases (58% male, 43.4% female) and 21.9% were due to cerebrovascular diseases (16.9% male and 27% female). Acute myocardial infarction accounted for 2,354 of the 4,871 Ischaemic heart disease deaths. See tables 3.12 and 3.18.

North Tipperary recorded the highest age-standardised death rate for diseases of the circulatory system, 2.98 per 1,000 of population, while South Dublin recorded the lowest at 1.43 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 2010 numbered 3,280, of which 1,537 were males and 1,743 were females. These were largely made up of 1,334 deaths from chronic lower respiratory diseases and 1,145 deaths due to influenza and pneumonia. See tables 3.19, 3.20 and 3.21.

Diseases of the respiratory system accounted for 11.7% of all deaths (0.72 per 1,000 of population), affecting, in particular the older age-groups, with almost 79% of these occurring in persons aged 75 and over. See tables 3.9 and 3.12.

Longford recorded the highest age-standardised death rate for diseases of the respiratory system, 0.99 per 1,000 of population, while Galway City recorded the lowest at 0.46 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 2010 was 1,660, of which 1,198 were males and 462 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 59.1% of all external causes of injury and poisoning, while intentional self harm accounted for a further 29.8%. Events of undetermined intent and assaults represented 5% and 2.7% respectively, while complications of medical and surgical care and sequelae of external causes of morbidity and mortality accounted for the remainder.

Two and a half times as many males died due to external causes compared with females in 2010. Differences in more specific causes of death and also within different age-groups were also significant. Over twice as many males died due to accidents compared with females in 2010. 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 (50.6%), while the greatest cause of accidental deaths in the 25 to 64 year age categories was due to poisoning by and exposure to noxious substances (45.1%). The majority of female accidents occurred in the older age-groups, particularly in females aged 75 and over which accounted for 40.4% of female accidents, 63% of these were from falls.

Table IV Average annual number of deaths by suicide* for the period 1941-2010 and the number of deaths by suicide in the years 1980-2010 classified by sex

Year	Total	Male	Female		Year	Total	Male	Female
Average-								
1941-1950	77	62	16		1992	363	304	59
1951-1960	71	56	15		1993	327	260	67
1961-1970	64	50	14		1994	395	305	90
1971-1980	145	102	43		1995	404	321	83
1981-1990	266	198	68		1996	409	345	64
1991-2000	418	339	79		1997	478	386	92
2001-2010	494	397	97		1998	514	433	81
1980	216	143	73		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

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

There were 495 deaths due to intentional self-harm in 2010, 405 males and 90 females. Within 10 year age-groups, the highest numbers were recorded for males in the 35-44 age-group (24.4%) and for females in the 25-34, 35-44 and 55-64 age-group (20%, 20% and 21.1% respectively).

Events of undetermined intent accounted for an additional 83 deaths in 2010. See *tables 3.22, 3.23 and 3.24*.

Cork City recorded the highest age-standardised death rate for external causes of injury and poisoning, 0.68 per 1,000 of population, while Meath recorded the lowest at 0.24 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 2010 was 5,562 compared with 5,343 in 2009 and 5,291 in 2008.

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 1999-2010 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
1999	16,961	213	32	37	141	191	354	432	988	1,901	4,121	5,753	2,798
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
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
1999	15,647	178	15	24	51	58	114	252	598	1,091	2,633	5,583	5,050
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

Table 3.1 (continued) Average annual number of deaths for the period 1864-2010 and the number of deaths in the years 1999-2010 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
1999	32,608	391	47	61	192	249	468	684	1,586	2,992	6,754	11,336	7,848
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

* 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 1999-2010 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
1999	9.13	1.59	0.23	0.24	0.81	1.24	1.29	1.64	4.33	12.05	36.57	100.23	243.30
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
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
1999	8.31	1.41	0.11	0.16	0.31	0.39	0.41	0.95	2.67	6.99	20.68	64.69	188.43
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

Table 3.2 (continued) Average annual death rates for the period 1864-2010 and death rates for the years 1999-2010 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
1999	8.71	1.51	0.17	0.20	0.57	0.82	0.85	1.29	3.51	9.54	28.15	78.89	204.91
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

Table 3.3 Crude and standardised death rates by area of residence of deceased in 2010

Area of residence of deceased	Deaths	Rates per 1,000 population	
		Crude	Standardised
STATE	27,961	6.14	6.14
LEINSTER	13,879	5.58	6.05
Carlow	318	5.84	5.98
Dublin City	4,080	7.97	7.22
South Dublin	928	3.49	4.76
Fingal	843	3.08	5.02
Dún Laoghaire-Rathdown	1,385	6.77	5.45
Kildare	862	4.11	5.85
Kilkenny	603	6.33	6.01
Laois	437	5.41	6.28
Longford	275	7.00	6.53
Louth	735	5.97	6.39
Meath	762	4.12	5.47
Offaly	430	5.61	5.64
Westmeath	545	6.35	6.33
Wexford	970	6.68	6.63
Wicklow	706	5.17	5.64
MUNSTER	8,383	6.77	6.38
Clare	761	6.54	6.25
Cork City	1,073	9.23	7.69
Cork County	2,095	5.23	5.46
Kerry	1,126	7.89	6.64
Limerick City	447	7.99	7.39
Limerick County	867	6.52	6.56
North Tipperary	601	8.50	7.49
South Tipperary	652	7.35	6.50
Waterford City	303	6.56	6.36
Waterford County	458	6.82	6.24
CONNACHT	3,726	6.96	6.01
Galway City	270	3.78	4.80
Galway County	1,157	6.65	5.99
Leitrim	279	8.74	6.83
Mayo	1,136	8.77	6.74
Roscommon	481	7.51	5.88
Sligo	403	6.24	5.11
ULSTER (PART OF)	1,973	6.72	6.05
Cavan	491	6.72	6.16
Donegal	1,091	6.82	6.05
Monaghan	391	6.44	5.90
REGIONAL AUTHORITIES:			
Border	3,390	6.61	6.04
Midland	1,687	5.97	6.15
West	3,044	6.94	6.08
Dublin	7,236	5.76	6.08
Mid-East	2,330	4.38	5.66
Mid-West	2,676	7.11	6.77
South-East	3,304	6.65	6.33
South-West	4,294	6.51	6.17

Table 3.4 Deaths in 2010 classified by marital status and sex in certain age-groups

Age-group	Total	Single	Married	Widowed	Separated	Divorced
Persons						
All ages	27,961	7,045	10,228	9,536	646	506
0-14	368	368	-	-	-	-
15-19	101	101	-	-	-	-
20-24	174	171	2	-	1	-
25-29	196	178	15	1	1	1
30-34	241	184	48	2	5	2
35-39	317	190	109	2	7	9
40-44	439	196	194	4	21	24
45-49	597	210	293	15	42	37
50-54	848	275	426	31	57	59
55-59	1,160	291	662	53	87	67
60-64	1,675	407	936	149	103	80
65-69	2,215	435	1,310	311	91	68
70-74	2,680	554	1,416	560	83	67
75-79	3,682	791	1,615	1,162	68	46
80-84	4,670	982	1,620	2,000	43	25
85 & over	8,598	1,712	1,582	5,246	37	21
Males						
All ages	14,334	4,287	6,760	2,557	421	309
0-14	216	216	-	-	-	-
15-19	71	71	-	-	-	-
20-24	148	146	2	-	-	-
25-29	153	141	10	-	1	1
30-34	170	134	33	1	2	-
35-39	219	138	68	1	6	6
40-44	270	131	112	1	11	15
45-49	371	150	167	5	27	22
50-54	501	195	230	12	30	34
55-59	711	199	382	25	61	44
60-64	1,041	302	575	49	69	46
65-69	1,348	312	816	115	61	44
70-74	1,604	402	926	170	54	52
75-79	2,071	520	1,124	350	50	27
80-84	2,378	564	1,165	612	26	11
85 & over	3,062	666	1,150	1,216	23	7
Females						
All ages	13,627	2,758	3,468	6,979	225	197
0-14	152	152	-	-	-	-
15-19	30	30	-	-	-	-
20-24	26	25	-	-	1	-
25-29	43	37	5	1	-	-
30-34	71	50	15	1	3	2
35-39	98	52	41	1	1	3
40-44	169	65	82	3	10	9
45-49	226	60	126	10	15	15
50-54	347	80	196	19	27	25
55-59	449	92	280	28	26	23
60-64	634	105	361	100	34	34
65-69	867	123	494	196	30	24
70-74	1,076	152	490	390	29	15
75-79	1,611	271	491	812	18	19
80-84	2,292	418	455	1,388	17	14
85 & over	5,536	1,046	432	4,030	14	14

Table 3.5 Deaths by area in 2010 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	14,334	13,627	3,622	4,476	33	17	6,436	5,967	4,243
LEINSTER	6,977	6,902	2,473	2,959	18	9	2,648	2,548	1,838	1,386
Carlow	171	147	14	34	1	-	67	83	89	30
Dublin City	1,977	2,103	962	1,118	2	-	570	632	443	353
South Dublin	498	430	287	259	1	-	134	120	76	51
Fingal	423	420	216	236	4	2	109	107	94	75
Dun Laoghaire-Rathdown	658	727	363	436	2	-	173	186	120	105
Kildare	453	409	104	138	-	1	226	186	123	84
Kilkenny	312	291	45	67	2	-	158	145	107	79
Laois	231	206	35	40	-	-	103	109	93	57
Longford	134	141	24	44	1	-	69	64	40	33
Louth	363	372	74	94	-	1	200	180	89	97
Meath	373	389	86	123	-	-	185	164	102	102
Offaly	219	211	32	49	1	-	112	106	74	56
Westmeath	284	261	43	76	2	1	134	122	105	62
Wexford	499	471	73	118	2	4	249	218	175	131
Wicklow	382	324	115	127	-	-	159	126	108	71
MUNSTER	4,355	4,028	788	995	13	8	2,160	1,999	1,394	1,026
Clare	397	364	45	53	1	-	229	228	122	83
Cork City	532	541	186	224	2	4	202	199	142	114
Cork County	1,066	1,029	215	284	4	1	466	469	381	275
Kerry	615	511	103	105	3	-	290	249	219	157
Limerick City	238	209	27	48	-	-	144	120	67	41
Limerick County	454	413	66	64	2	3	234	235	152	111
North Tipperary	313	288	51	76	-	-	159	126	103	86
South Tipperary	353	299	63	78	1	-	197	151	92	70
Waterford City	153	150	11	26	-	-	116	88	26	36
Waterford County	234	224	21	37	-	-	123	134	90	53
CONNACHT	1,982	1,744	249	348	2	-	1,086	935	645	461
Galway City	142	128	23	35	-	-	83	64	36	29
Galway County	636	521	102	107	-	-	338	272	196	142
Leitrim	160	119	21	26	-	-	89	61	50	32
Mayo	581	555	54	106	2	-	333	287	192	162
Roscommon	247	234	37	49	-	-	113	138	97	47
Sligo	216	187	12	25	-	-	130	113	74	49
ULSTER (Part of)	1,020	953	112	174	-	-	542	485	366	294
Cavan	265	226	42	55	-	-	128	105	95	66
Donegal	554	537	48	87	-	-	308	283	198	167
Monaghan	201	190	22	32	-	-	106	97	73	61
REGIONAL AUTHORITIES:										
Border	1,759	1,631	219	319	-	1	961	839	579	472
Midland	868	819	134	209	4	1	418	401	312	208
West	1,606	1,438	216	297	2	-	867	761	521	380
Dublin	3,556	3,680	1,828	2,049	9	2	986	1,045	733	584
Mid-East	1,208	1,122	305	388	-	1	570	476	333	257
Mid-West	1,402	1,274	189	241	3	3	766	709	444	321
South-East	1,722	1,582	227	360	6	4	910	819	579	399
South-West	2,213	2,081	504	613	9	5	958	917	742	546

Table 3.6 Deaths in 2010 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	27,961	316	52	275	437	756	1,445	2,835	4,895	8,352	8,598
LEINSTER	13,879	161	31	136	253	397	765	1,431	2,461	4,121	4,123
Carlow	318	4	2	3	2	13	17	30	66	84	97
Dublin City	4,080	28	6	30	91	115	235	404	714	1,257	1,200
South Dublin	928	11	2	12	24	40	69	163	202	214	191
Fingal	843	16	2	11	18	32	70	113	148	233	200
Dun Laoghaire-Rathdown	1,385	6	-	10	13	24	56	97	240	441	498
Kildare	862	13	3	11	30	17	68	105	159	220	236
Kilkenny	603	14	1	5	6	14	22	46	109	178	208
Laois	437	2	1	6	16	14	22	40	59	135	142
Longford	275	3	-	4	3	5	6	25	43	87	99
Louth	735	8	3	11	12	26	29	69	132	208	237
Meath	762	16	1	4	9	27	36	72	130	243	224
Offaly	430	8	1	4	6	15	17	42	60	152	125
Westmeath	545	5	1	6	7	11	29	58	92	158	178
Wexford	970	10	5	12	8	30	47	102	176	295	285
Wicklow	706	17	3	7	8	14	42	65	131	216	203
MUNSTER	8,383	103	14	107	124	233	430	834	1,491	2,522	2,525
Clare	761	9	-	7	16	21	32	76	119	228	253
Cork City	1,073	11	3	17	15	42	63	103	204	328	287
Cork County	2,095	33	4	28	26	54	110	212	384	618	626
Kerry	1,126	11	1	17	11	24	52	122	210	319	359
Limerick City	447	10	1	6	9	13	27	41	102	135	103
Limerick County	867	10	2	11	19	22	42	89	146	268	258
North Tipperary	601	5	-	5	6	16	29	57	96	186	201
South Tipperary	652	4	3	9	9	19	34	49	107	215	203
Waterford City	303	6	-	4	5	11	19	32	56	73	97
Waterford County	458	4	-	3	8	11	22	53	67	152	138
CONNACHT	3,726	32	4	22	41	85	183	364	609	1,098	1,288
Galway City	270	7	-	2	5	11	16	31	44	76	78
Galway County	1,157	7	1	5	11	32	56	112	187	348	398
Leitrim	279	3	1	1	4	6	12	29	46	78	99
Mayo	1,136	6	2	10	10	19	53	106	186	330	414
Roscommon	481	6	-	2	6	6	23	54	78	154	152
Sligo	403	3	-	2	5	11	23	32	68	112	147
ULSTER (Part of)	1,973	20	3	10	19	41	67	206	334	611	662
Cavan	491	4	-	6	7	16	17	47	71	145	178
Donegal	1,091	9	3	3	7	19	28	121	208	317	376
Monaghan	391	7	-	1	5	6	22	38	55	149	108
REGIONAL AUTHORITIES:											
Border	3,390	34	7	24	40	84	131	336	580	1,009	1,145
Midland	1,687	18	3	20	32	45	74	165	254	532	544
West	3,044	26	3	19	32	68	148	303	495	908	1,042
Dublin	7,236	61	10	63	146	211	430	777	1,304	2,145	2,089
Mid-East	2,330	46	7	22	47	58	146	242	420	679	663
Mid-West	2,676	34	3	29	50	72	130	263	463	817	815
South-East	3,304	42	11	36	38	98	161	312	581	997	1,028
South-West	4,294	55	8	62	52	120	225	437	798	1,265	1,272

Table 3.7 Deaths in 2010 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	27,961	613.9	14,457	803.4
A00-B99	1	I Infectious and parasitic diseases	257	5.6	174	9.7
C00-D48	6	II Neoplasms	8,316	182.6	4,111	228.5
D50-D89	25	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	78	1.7	26	1.4
E00-E90	26	IV Endocrine, nutritional and metabolic diseases	682	15.0	291	16.2
F00-F99	28	V Mental and behavioural disorders	691	15.2	569	31.6
G00-G99	31	VI Diseases of the nervous system	1,057	23.2 }	*	*
H00-H59	31	VII Diseases of the eye and adnexa	-	- }	569	31.6
H60-H95	31	VIII Diseases of the ear and mastoid process	-	- }	*	*
I00-I99	33	IX Diseases of the circulatory system	9,594	210.6	4,476	248.7
J00-J99	37	X Diseases of the respiratory system	3,280	72.0	1,886	104.8
K00-K93	42	XI Diseases of the digestive system	1,140	25.0	715	39.7
L00-L99	45	XII Diseases of the skin and subcutaneous tissue	50	1.1	32	1.8
M00-M99	46	XIII Diseases of musculoskeletal system and connective tissue	180	4.0	100	5.6
N00-N99	48	XIV Diseases of genitourinary system	594	13.0	369	20.5
O00-O99	50	XV Complications of pregnancy, childbirth and puerperium	1	0.0	2	0.1
P00-P96	51	XVI Certain conditions originating in the perinatal period	131	2.9	77	4.3
Q00-Q99	52	XVII Congenital malformations and chromosomal abnormalities	169	3.7	85	4.7
R00-R99	55	XVIII Symptoms, signs, abnormal findings, ill-defined causes	81	1.8	135	7.5
V01-Y89	58	XX External causes of injury and poisoning	1,660	36.4	840	46.7

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

Table 3.8 Deaths in 2010 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	27,961	14,334	13,627	100	100	100
A00-B99	I Infectious and parasitic diseases	257	132	125	0.9	0.9	0.9
C00-D48	II Neoplasms	8,316	4,369	3,947	29.7	30.5	29.0
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	78	36	42	0.3	0.3	0.3
E00-E90	IV Endocrine, nutritional and metabolic diseases	682	350	332	2.4	2.4	2.4
F00-F99	V Mental and behavioural disorders	691	247	444	2.5	1.7	3.3
G00-G99	VI Diseases of the nervous system	1,057	482	575	3.8	3.4	4.2
H00-H59	VII Diseases of the eye and adnexa	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	9,594	4,870	4,724	34.3	34.0	34.7
J00-J99	X Diseases of the respiratory system	3,280	1,537	1,743	11.7	10.7	12.8
K00-K93	XI Diseases of the digestive system	1,140	551	589	4.1	3.8	4.3
L00-L99	XII Diseases of the skin and subcutaneous tissue	50	20	30	0.2	0.1	0.2
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	180	58	122	0.6	0.4	0.9
N00-N99	XIV Diseases of genitourinary system	594	273	321	2.1	1.9	2.4
O00-O99	XV Complications of pregnancy, childbirth and puerperium	1	-	1	0.0	-	0.0
P00-P96	XVI Certain conditions originating in the perinatal period	131	78	53	0.5	0.5	0.4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	169	90	79	0.6	0.6	0.6
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	81	43	38	0.3	0.3	0.3
V01-Y89	XX External causes of injury and poisoning	1,660	1,198	462	5.9	8.4	3.4

Table 3.9 Deaths in 2010 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	14,334	183	33	219	323	489	872	1,752	2,952	4,449	3,062
		F	13,627	133	19	56	114	267	573	1,083	1,943	3,903	5,536
A00-B99	I Infectious and parasitic diseases	M	132	2	1	-	5	7	18	20	23	33	23
		F	125	-	-	1	4	8	8	6	18	41	39
C00-D48	II Neoplasms	M	4,369	2	9	19	33	90	253	717	1,227	1,387	632
		F	3,947	5	5	7	34	116	307	618	977	1,130	748
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	36	-	-	-	3	2	1	4	5	15	6
		F	42	-	-	-	-	1	2	4	8	10	17
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	350	2	2	7	10	5	17	28	53	141	85
		F	332	2	-	2	4	7	8	17	45	99	148
F00-F99	V Mental and behavioural disorders	M	247	-	-	-	-	-	2	7	21	111	106
		F	444	-	-	-	-	-	2	4	18	118	302
G00-G99	VI Diseases of the nervous system	M	482	9	7	7	13	18	19	50	75	171	113
		F	575	7	5	2	7	11	11	48	64	163	257
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	4,870	-	2	4	21	84	252	556	992	1,680	1,279
		F	4,724	-	2	3	11	36	86	173	473	1,419	2,521
J00-J99	X Diseases of the respiratory system	M	1,537	1	2	2	6	14	32	98	283	557	542
		F	1,743	1	1	-	5	3	23	59	171	524	956
K00-K93	XI Diseases of the digestive system	M	551	1	-	-	6	34	88	84	105	149	84
		F	589	-	-	1	3	24	60	53	82	163	203
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	20	-	-	-	-	-	1	1	5	8	5
		F	30	-	-	-	-	-	-	-	2	10	18
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	58	-	-	1	-	-	4	7	15	23	8
		F	122	-	-	-	-	-	2	7	17	45	51
N00-N99	XIV Diseases of genitourinary system	M	273	-	-	-	2	3	1	12	31	98	126
		F	321	-	-	-	-	3	2	4	16	105	191
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	1	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	78	77	1	-	-	-	-	-	-	-	-
		F	53	53	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	90	63	3	3	4	2	7	4	2	1	1
		F	79	51	1	-	3	5	7	6	3	3	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	43	15	-	5	3	1	4	2	6	1	6
		F	38	8	-	2	1	3	2	5	1	4	12
V01-Y89	XX External causes of injury and poisoning	M	1,198	11	6	171	217	229	173	162	109	74	46
		F	462	6	5	38	41	50	53	79	48	69	73

Table 3.10 Percentage of deaths in 2010 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	0.9	1.1	3.0	-	1.5	1.4	2.1	1.1	0.8	0.7	0.8
		F	0.9	-	-	1.8	3.5	3.0	1.4	0.6	0.9	1.1	0.7
C00-D48	II Neoplasms	M	30.5	1.1	27.3	8.7	10.2	18.4	29.0	40.9	41.6	31.2	20.6
		F	29.0	3.8	26.3	12.5	29.8	43.4	53.6	57.1	50.3	29.0	13.5
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	0.3	-	-	-	0.9	0.4	0.1	0.2	0.2	0.3	0.2
		F	0.3	-	-	-	-	0.4	0.3	0.4	0.4	0.3	0.3
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2.4	1.1	6.1	3.2	3.1	1.0	1.9	1.6	1.8	3.2	2.8
		F	2.4	1.5	-	3.6	3.5	2.6	1.4	1.6	2.3	2.5	2.7
F00-F99	V Mental and behavioural disorders	M	1.7	-	-	-	-	-	0.2	0.4	0.7	2.5	3.5
		F	3.3	-	-	-	-	-	0.3	0.4	0.9	3.0	5.5
G00-G99	VI Diseases of the nervous system	M	3.4	4.9	21.2	3.2	4.0	3.7	2.2	2.9	2.5	3.8	3.7
		F	4.2	5.3	26.3	3.6	6.1	4.1	1.9	4.4	3.3	4.2	4.6
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	34.0	-	6.1	1.8	6.5	17.2	28.9	31.7	33.6	37.8	41.8
		F	34.7	-	10.5	5.4	9.6	13.5	15.0	16.0	24.3	36.4	45.5
J00-J99	X Diseases of the respiratory system	M	10.7	0.5	6.1	0.9	1.9	2.9	3.7	5.6	9.6	12.5	17.7
		F	12.8	0.8	5.3	-	4.4	1.1	4.0	5.4	8.8	13.4	17.3
K00-K93	XI Diseases of the digestive system	M	3.8	0.5	-	-	1.9	7.0	10.1	4.8	3.6	3.3	2.7
		F	4.3	-	-	1.8	2.6	9.0	10.5	4.9	4.2	4.2	3.7
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	0.1	-	-	-	-	-	0.1	0.1	0.2	0.2	0.2
		F	0.2	-	-	-	-	-	-	-	0.1	0.3	0.3
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	0.4	-	-	0.5	-	-	0.5	0.4	0.5	0.5	0.3
		F	0.9	-	-	-	-	-	0.3	0.6	0.9	1.2	0.9
N00-N99	XIV Diseases of genitourinary system	M	1.9	-	-	-	0.6	0.6	0.1	0.7	1.1	2.2	4.1
		F	2.4	-	-	-	-	1.1	0.3	0.4	0.8	2.7	3.5
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	0.0	-	-	-	0.9	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	0.5	42.1	3.0	-	-	-	-	-	-	-	-
		F	0.4	39.8	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	0.6	34.4	9.1	1.4	1.2	0.4	0.8	0.2	0.1	0.0	0.0
		F	0.6	38.3	5.3	-	2.6	1.9	1.2	0.6	0.2	0.1	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	0.3	8.2	-	2.3	0.9	0.2	0.5	0.1	0.2	0.0	0.2
		F	0.3	6.0	-	3.6	0.9	1.1	0.3	0.5	0.1	0.1	0.2
V01-Y89	XX External causes of injury and poisoning	M	8.4	6.0	18.2	78.1	67.2	46.8	19.8	9.2	3.7	1.7	1.5
		F	3.4	4.5	26.3	67.9	36.0	18.7	9.2	7.3	2.5	1.8	1.3

Table 3.11 Deaths in 2010 classified by underlying cause of death, area of residence and sex

ICD-10 code	Underlying cause of death	Sex	Area of residence										
			State	Leinster	Munster	Connacht	Ulster (Part of)	Carlow	Dublin City	South Dublin	Fingal	Dun Laoghaire-Rathdown	
A00-Y89	All causes	M	14,334	6,977	4,355	1,982	1,020	171	1,977	498	423	658	
		F	13,627	6,902	4,028	1,744	953	147	2,103	430	420	727	
A00-B99	I Infectious and parasitic diseases	M	132	72	32	19	9	-	31	3	6	7	
		F	125	67	43	11	4	1	23	7	4	7	
C00-D48	II Neoplasms	M	4,369	2,167	1,294	598	310	47	592	161	145	223	
		F	3,947	2,020	1,189	476	262	45	628	148	124	219	
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	36	18	13	1	4	1	8	2	-	-	
		F	42	21	9	9	3	-	6	2	1	2	
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	350	156	119	50	25	4	35	5	5	11	
		F	332	147	101	56	28	7	36	8	8	11	
F00-F99	V Mental and behavioural disorders	M	247	132	87	20	8	7	44	9	5	11	
		F	444	242	139	44	19	3	99	14	19	36	
G00-G99	VI Diseases of the nervous system	M	482	259	130	65	28	5	63	15	16	28	
		F	575	312	150	68	45	7	88	20	25	36	
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	4,870	2,289	1,513	693	375	58	665	147	127	226	
		F	4,724	2,273	1,462	618	371	48	666	121	121	237	
J00-J99	X Diseases of the respiratory system	M	1,537	715	455	247	120	23	198	57	48	65	
		F	1,743	946	447	236	114	17	272	54	63	88	
K00-K93	XI Diseases of the digestive system	M	551	275	182	60	34	2	97	25	8	27	
		F	589	300	157	95	37	9	92	21	14	36	
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	20	8	7	1	4	-	-	1	-	-	
		F	30	12	13	2	3	1	5	2	-	2	
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	58	24	18	12	4	2	1	4	1	-	
		F	122	60	40	16	6	1	20	4	2	7	
N00-N99	XIV Diseases of genitourinary system	M	273	131	72	43	27	1	34	8	7	10	
		F	321	181	78	39	23	4	74	9	13	16	
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	
		F	1	1	-	-	-	-	1	-	-	-	
P00-P96	XVI Certain conditions originating in the perinatal period	M	78	42	22	10	4	1	12	4	3	1	
		F	53	29	17	4	3	-	1	1	5	1	
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	90	44	33	8	5	1	10	4	4	1	
		F	79	37	26	10	6	1	10	2	2	3	
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	43	24	14	3	2	1	6	5	1	4	
		F	38	18	7	10	3	1	5	-	1	1	
V01-Y89	XX External causes of injury and poisoning	M	1,198	621	364	152	61	18	181	48	47	44	
		F	462	236	150	50	26	2	77	17	18	25	

Table 3.11 (continued) Deaths in 2010 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	453	312	231	134	363	373	219	284	499
		F	409	291	206	141	372	389	211	261	471
A00-B99	I Infectious and parasitic diseases	M	4	3	2	2	5	-	3	1	2
		F	5	3	1	3	4	2	2	-	3
C00-D48	II Neoplasms	M	153	92	61	35	120	121	49	85	161
		F	117	73	52	39	106	117	53	67	131
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	2	-	-	2	1	-	-	1
		F	1	-	2	1	1	1	-	1	2
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	11	10	9	6	10	15	7	14	8
		F	18	9	5	6	1	6	6	6	14
F00-F99	V Mental and behavioural disorders	M	6	6	8	-	3	4	5	5	7
		F	10	6	8	3	6	8	2	5	9
G00-G99	VI Diseases of the nervous system	M	19	10	8	8	16	22	10	9	16
		F	20	11	7	4	25	23	6	9	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	143	115	72	42	104	111	84	92	177
		F	129	122	85	51	130	118	74	105	164
J00-J99	X Diseases of the respiratory system	M	32	28	25	24	33	46	26	27	53
		F	51	43	26	18	50	69	39	35	74
K00-K93	XI Diseases of the digestive system	M	20	8	5	3	16	11	9	16	17
		F	21	4	8	7	15	12	8	16	22
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	1	-	-	1	-	1	-	-	1
		F	-	-	1	-	-	-	1	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	2	-	2	1	1	2	-	2	4
		F	5	3	2	1	5	2	3	-	4
N00-N99	XIV Diseases of genitourinary system	M	9	13	4	2	8	9	5	4	9
		F	9	3	2	5	9	8	5	4	15
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	4	4	1	1	1	1	1	-	3
		F	3	1	-	1	3	6	2	-	1
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	2	4	1	-	3	2	3	1	4
		F	3	1	-	-	2	4	3	2	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	2	-	1	-	-	-	1	1	1
		F	-	1	2	-	3	1	-	2	-
V01-Y89	XX External causes of injury and poisoning	M	45	17	32	9	41	27	16	27	35
		F	17	11	5	2	12	12	7	9	16

Table 3.11 (continued) Deaths in 2010 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 2010 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	234	142	636	160	581	247	216	265	554	201
		F	224	128	521	119	555	234	187	226	537	190
A00-B99	I Infectious and parasitic diseases	M	3	2	4	1	7	5	-	2	7	-
		F	-	1	2	-	5	2	1	-	3	1
C00-D48	II Neoplasms	M	86	36	187	53	173	78	71	91	163	56
		F	78	44	148	32	152	56	44	68	140	54
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	2	-	-	-	-	1	-	-	3	1
		F	1	-	1	1	3	-	4	-	2	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	5	5	18	3	10	6	8	6	16	3
		F	4	5	11	4	18	8	10	5	17	6
F00-F99	V Mental and behavioural disorders	M	-	4	8	2	6	-	-	1	5	2
		F	8	4	10	4	13	7	6	2	14	3
G00-G99	VI Diseases of the nervous system	M	6	4	25	6	17	9	4	6	15	7
		F	3	4	19	5	19	7	14	14	20	11
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	74	48	226	56	195	94	74	93	209	73
		F	79	41	183	43	208	82	61	89	205	77
J00-J99	X Diseases of the respiratory system	M	15	14	71	20	86	25	31	25	64	31
		F	31	11	61	15	85	39	25	24	73	17
K00-K93	XI Diseases of the digestive system	M	9	2	26	2	18	7	5	11	19	4
		F	7	8	34	2	28	13	10	11	21	5
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	1	-	-	-	2	2	-
		F	-	1	1	-	-	-	-	-	3	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	3	1	4	1	4	1	1	-	3	1
		F	-	-	6	2	5	3	-	2	3	1
N00-N99	XIV Diseases of genitourinary system	M	8	3	16	2	13	2	7	4	15	8
		F	5	4	21	3	5	2	4	4	17	2
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	1	3	4	-	2	-	1	1	2	1
		F	1	1	1	1	-	1	-	1	-	2
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	-	2	1	-	3	1	1	2	2	1
		F	1	1	3	1	1	3	1	-	2	4
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	1	-	-	2	-	-	1	1	-
		F	-	-	4	-	1	3	2	1	1	1
V01-Y89	XX External causes of injury and poisoning	M	21	17	46	13	45	18	13	20	28	13
		F	6	3	16	6	12	8	5	5	16	5

Table 3.11 (continued) Deaths in 2010 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	1,759	868	1,606	3,556	1,208	1,402	1,722	2,213
		F	1,631	819	1,438	3,680	1,122	1,274	1,582	2,081
A00-B99	I Infectious and parasitic diseases	M	15	8	18	47	7	8	17	12
		F	9	6	10	41	9	9	17	24
C00-D48	II Neoplasms	M	554	230	474	1,121	396	400	539	655
		F	444	211	400	1,119	335	368	451	619
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	6	-	1	10	2	3	9	5
		F	9	4	4	11	3	1	4	6
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	46	36	39	56	32	40	41	60
		F	43	23	42	63	30	36	51	44
F00-F99	V Mental and behavioural disorders	M	13	18	18	69	22	24	29	54
		F	35	18	34	168	32	34	39	84
G00-G99	VI Diseases of the nervous system	M	54	35	55	122	55	27	54	80
		F	89	26	49	169	59	42	49	92
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	609	290	563	1,165	380	536	585	742
		F	605	315	514	1,145	349	494	580	722
J00-J99	X Diseases of the respiratory system	M	204	102	196	368	108	158	173	228
		F	204	118	196	477	167	151	219	211
K00-K93	XI Diseases of the digestive system	M	57	33	53	157	42	54	63	92
		F	64	39	83	163	48	39	60	93
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	5	1	-	1	5	1	2	5
		F	3	2	2	9	-	4	3	7
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	7	5	10	6	6	3	11	10
		F	13	6	14	33	8	11	14	23
N00-N99	XIV Diseases of genitourinary system	M	44	15	34	59	26	20	39	36
		F	39	16	32	112	22	26	38	36
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-
		F	-	-	-	1	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	6	3	9	20	10	8	12	10
		F	7	3	3	8	13	8	4	7
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	9	5	7	19	8	7	12	23
		F	10	5	8	17	10	5	5	19
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	2	3	3	16	3	2	6	8
		F	8	4	8	7	2	6	2	1
V01-Y89	XX External causes of injury and poisoning	M	128	84	126	320	106	111	130	193
		F	49	23	39	137	35	40	46	93

Table 3.12 Standardised death rates per 1,000 population by area of residence of deceased in 2010 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	1.83	2.11	0.72	0.36
LEINSTER	1.81	2.01	0.74	0.35
Carlow	1.72	2.00	0.76	0.37
Dublin City	2.22	2.33	0.80	0.47
South Dublin	1.51	1.43	0.65	0.27
Fingal	1.50	1.61	0.74	0.25
Dun Laoghaire-Rathdown	1.75	1.76	0.58	0.31
Kildare	1.78	1.97	0.61	0.33
Kilkenny	1.66	2.34	0.70	0.30
Laois	1.61	2.29	0.75	0.48
Longford	1.77	2.19	0.99	0.28
Louth	1.96	2.06	0.73	0.44
Meath	1.66	1.71	0.87	0.24
Offaly	1.33	2.08	0.85	0.30
Westmeath	1.79	2.27	0.71	0.42
Wexford	1.95	2.35	0.88	0.35
Wicklow	1.77	1.84	0.64	0.30
MUNSTER	1.88	2.25	0.68	0.41
Clare	1.83	2.50	0.67	0.33
Cork City	2.18	2.38	0.84	0.68
Cork County	1.69	1.88	0.48	0.36
Kerry	1.89	2.33	0.78	0.42
Limerick City	2.07	2.67	0.90	0.58
Limerick County	1.68	2.40	0.93	0.43
North Tipperary	2.40	2.98	0.60	0.35
South Tipperary	1.85	2.38	0.63	0.38
Waterford City	1.94	1.78	0.90	0.34
Waterford County	2.22	2.07	0.62	0.41
CONNACHT	1.77	2.07	0.75	0.36
Galway City	1.41	1.63	0.46	0.30
Galway County	1.77	2.09	0.67	0.34
Leitrim	2.11	2.33	0.82	0.59
Mayo	1.99	2.30	0.96	0.42
Roscommon	1.69	2.09	0.73	0.36
Sligo	1.51	1.65	0.67	0.27
ULSTER (Part of)	1.80	2.25	0.70	0.29
Cavan	2.06	2.23	0.60	0.35
Donegal	1.71	2.27	0.74	0.26
Monaghan	1.70	2.21	0.71	0.29
REGIONAL AUTHORITIES:				
Border	1.81	2.13	0.71	0.34
Midland	1.61	2.21	0.81	0.39
West	1.79	2.11	0.76	0.36
Dublin	1.88	1.96	0.72	0.36
Mid-East	1.74	1.84	0.71	0.29
Mid-West	1.92	2.60	0.78	0.40
South-East	1.88	2.23	0.75	0.36
South-West	1.83	2.09	0.63	0.43

Table 3.13 Deaths from neoplasms (C00-D48) in 2010 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	8,316	4,369	3,947			
C00-C97	Malignant neoplasm	8,135	4,270	3,865	100	100	100
C00-C14	Lip, oral cavity and pharynx	128	83	45	1.6	1.9	1.2
C15-C26	Digestive organs	2,509	1,431	1,078	30.8	33.5	27.9
C30-C39	Respiratory and intrathoracic organs	1,768	1,035	733	21.7	24.2	19.0
C40-C41	Bone and articular cartilage	19	9	10	0.2	0.2	0.3
C43-C44	Skin	228	142	86	2.8	3.3	2.2
C45-C49	Mesothelial and soft tissue	99	61	38	1.2	1.4	1.0
C50	Breast	659	10	649	8.1	0.2	16.8
C51-C58	Female genital organs	502	-	502	6.2	-	13.0
C60-C63	Male genital organs	544	544	-	6.7	12.7	-
C64-C68	Urinary tract	386	260	126	4.7	6.1	3.3
C69-C72	Eye, brain and other parts of central nervous system	244	144	100	3.0	3.4	2.6
C73-C75	Thyroid and other endocrine glands	38	18	20	0.5	0.4	0.5
C76-C80	Ill-defined, secondary, and unspecified sites	308	136	172	3.8	3.2	4.5
C81-C96	Lymphoid, haematopoietic and related tissue	622	343	279	7.6	8.0	7.2
C97	Independent(primary) multiple sites	81	54	27	1.0	1.3	0.7

Table 3.14 Deaths from malignant neoplasms (C00-C97) in 2010 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	4,270	10	19	32	90	253	711	1,209	1,337	609
		F	3,865	8	6	33	116	305	614	965	1,100	718
C00-C14	Lip, oral cavity and pharynx	M	83	-	-	1	4	7	21	20	21	9
		F	45	-	-	1	-	5	6	12	13	8
C15-C26	Digestive organs	M	1,431	-	2	10	32	102	252	438	440	155
		F	1,078	-	-	7	18	65	149	241	350	248
C30-C39	Respiratory and intrathoracic organs	M	1,035	-	-	1	10	71	207	338	307	101
		F	733	-	1	2	9	51	125	220	231	94
C40-C41	Bone and articular cartilage	M	9	-	2	1	1	1	-	1	1	2
		F	10	1	1	1	1	-	1	-	2	3
C43-C44	Skin	M	142	1	1	6	6	9	23	25	36	35
		F	86	-	-	2	6	4	11	16	22	25
C45-C49	Mesothelial and soft tissue	M	61	1	2	1	3	-	12	20	20	2
		F	38	1	-	-	2	5	6	7	13	4
C50	Breast	M	10	-	-	-	-	1	-	3	4	2
		F	649	-	-	2	37	80	132	163	135	100
C51-C58	Female genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	502	-	-	10	18	53	90	151	109	71
C60-C63	Male genital organs	M	544	-	-	-	3	5	40	109	206	181
		F	-	-	-	-	-	-	-	-	-	-
C64-C68	Urinary tract	M	260	-	1	-	5	10	48	57	89	50
		F	126	-	-	1	7	9	5	30	42	32
C69-C72	Eye, brain and other parts of central nervous system	M	144	3	5	8	11	19	28	38	28	4
		F	100	1	2	2	7	11	27	24	18	8
C73-C75	Thyroid and other endocrine glands	M	18	2	1	-	1	-	5	4	4	1
		F	20	2	-	1	-	2	1	5	7	2
C76-C80	Ill-defined, secondary, and unspecified sites	M	136	-	-	-	3	9	18	36	55	15
		F	172	-	-	3	1	8	20	35	56	49
C81-C96	Lymphoid, haematopoietic and related tissue	M	343	3	5	4	9	16	52	103	108	43
		F	279	3	2	1	9	11	36	58	93	66
C97	Independent(primary) multiple sites	M	54	-	-	-	2	3	5	17	18	9
		F	27	-	-	-	1	1	5	3	9	8

Table 3.15 Deaths from malignant neoplasms (C00-C97) in 2010 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	8,135	2,509	1,768	659	502	544	622	1,531
LEINSTER	4,093	1,255	970	316	244	241	302	765
Carlow	91	25	20	8	8	7	6	17
Dublin City	1,191	365	303	105	62	64	79	213
South Dublin	303	92	72	19	19	11	29	61
Fingal	263	58	68	24	15	15	26	57
Dun Laoghaire-Rathdown	434	143	106	29	22	28	28	78
Kildare	265	73	65	21	15	17	23	51
Kilkenny	160	56	36	16	10	6	5	31
Laois	112	34	30	7	8	9	6	18
Longford	73	25	16	5	5	4	7	11
Louth	222	75	47	15	14	17	19	35
Meath	231	76	45	22	12	19	16	41
Offaly	102	40	19	9	8	4	10	12
Westmeath	145	42	34	11	6	12	8	32
Wexford	285	79	63	13	29	15	19	67
Wicklow	216	72	46	12	11	13	21	41
MUNSTER	2,430	748	489	217	160	164	182	470
Clare	216	62	47	22	13	12	13	47
Cork City	302	110	60	30	19	10	26	47
Cork County	636	194	127	52	51	43	57	112
Kerry	315	82	62	29	19	27	25	71
Limerick City	123	45	24	11	11	6	3	23
Limerick County	217	62	43	14	23	20	12	43
North Tipperary	188	62	35	19	4	15	13	40
South Tipperary	179	52	41	16	4	14	15	37
Waterford City	93	26	20	11	5	4	9	18
Waterford County	161	53	30	13	11	13	9	32
CONNACHT	1,053	317	201	84	70	96	84	201
Galway City	80	16	17	10	9	6	9	13
Galway County	329	112	65	26	21	31	24	50
Leitrim	82	19	12	7	4	14	7	19
Mayo	317	99	59	25	19	23	29	63
Roscommon	133	42	29	8	6	12	7	29
Sligo	112	29	19	8	11	10	8	27
ULSTER (Part of)	559	189	108	42	28	43	54	95
Cavan	153	45	28	12	10	17	19	22
Donegal	299	108	63	18	12	16	26	56
Monaghan	107	36	17	12	6	10	9	17
REGIONAL AUTHORITIES:								
Border	975	312	186	72	57	84	88	176
Midland	432	141	99	32	27	29	31	73
West	859	269	170	69	55	72	69	155
Dublin	2,191	658	549	177	118	118	162	409
Mid-East	712	221	156	55	38	49	60	133
Mid-West	744	231	149	66	51	53	41	153
South-East	969	291	210	77	67	59	63	202
South-West	1,253	386	249	111	89	80	108	230

Table 3.16 Deaths from diseases of the circulatory system (I00-I99) in 2010 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	9,594	4,870	4,724	100	100	100
I00-I02	Acute Rheumatic fever	6	4	2	0.1	0.1	0.0
I05-I09	Chronic rheumatic heart diseases	50	11	39	0.5	0.2	0.8
I10-I15	Hypertensive diseases	322	114	208	3.4	2.3	4.4
I20-I25	Ischaemic heart diseases	4,871	2,821	2,050	50.8	57.9	43.4
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	187	81	106	1.9	1.7	2.2
I30-I52	Other forms of heart disease	1,549	740	809	16.1	15.2	17.1
I60-I69	Cerebrovascular diseases	2,097	822	1,275	21.9	16.9	27.0
I70-I179	Diseases of the arteries, arterioles and capillaries	451	244	207	4.7	5.0	4.4
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	55	30	25	0.6	0.6	0.5
I95-I99	Other and unspecified disorders of the circulatory system	6	3	3	0.1	0.1	0.1

Table 3.17 Deaths from diseases of the circulatory system (I00-I99) in 2010 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	4,870	2	4	21	84	252	556	992	1,680	1,279
		F	4,724	2	3	11	36	86	173	473	1,419	2,521
I00-I02	Acute Rheumatic fever	M	4	-	-	-	-	1	2	1	-	-
		F	2	-	-	-	-	-	-	-	-	2
I05-I09	Chronic rheumatic heart diseases	M	11	-	-	-	-	-	3	1	6	1
		F	39	-	-	1	-	-	1	8	18	11
I10-I15	Hypertensive diseases	M	114	-	-	-	1	9	13	16	26	49
		F	208	-	-	2	1	3	6	13	53	130
I20-I25	Ischaemic heart diseases	M	2,821	-	-	3	46	167	362	634	945	664
		F	2,050	-	-	3	6	25	81	230	625	1,080
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	M	81	1	1	5	4	3	17	22	20	8
		F	106	-	1	-	3	6	12	13	43	28
I30-I52	Other forms of heart disease	M	740	1	1	8	15	40	68	109	259	239
		F	809	2	2	1	10	19	24	64	220	467
I60-I69	Cerebrovascular diseases	M	822	-	2	4	11	23	62	130	331	259
		F	1,275	-	-	4	14	32	39	121	375	690
I70-I179	Diseases of the arteries, arterioles and capillaries	M	244	-	-	1	5	7	22	69	85	55
		F	207	-	-	-	2	1	7	16	77	104
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, nec	M	30	-	-	-	2	2	7	10	6	3
		F	25	-	-	-	-	-	3	8	8	6
I95-I99	Other and unspecified disorders of the circulatory system	M	3	-	-	-	-	-	-	-	2	1
		F	3	-	-	-	-	-	-	-	-	3

Table 3.18 Deaths from diseases of the circulatory system (I00-I99) in 2010 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	9,594	4,871	2,354	2,097	2,626
LEINSTER	4,562	2,364	990	975	1,223
Carlow	106	64	33	20	22
Dublin City	1,331	725	246	268	338
South Dublin	268	148	44	49	71
Fingal	248	123	30	63	62
Dun Laoghaire-Rathdown	463	221	90	106	136
Kildare	272	133	76	53	86
Kilkenny	237	129	60	44	64
Laois	157	74	33	42	41
Longford	93	46	26	22	25
Louth	234	130	61	55	49
Meath	229	126	63	45	58
Offaly	158	81	43	40	37
Westmeath	197	86	39	38	73
Wexford	341	172	86	80	89
Wicklow	228	106	60	50	72
MUNSTER	2,975	1,442	730	687	846
Clare	307	168	91	64	75
Cork City	345	166	72	75	104
Cork County	716	340	171	181	195
Kerry	403	175	100	114	114
Limerick City	163	80	34	35	48
Limerick County	317	154	92	67	96
North Tipperary	243	114	59	53	76
South Tipperary	243	116	50	57	70
Waterford City	85	43	16	15	27
Waterford County	153	86	45	26	41
CONNACHT	1,311	667	386	279	365
Galway City	89	46	26	15	28
Galway County	409	213	112	81	115
Leitrim	99	54	32	26	19
Mayo	403	207	129	86	110
Roscommon	176	92	54	43	41
Sligo	135	55	33	28	52
ULSTER (Part of)	746	398	248	156	192
Cavan	182	86	55	42	54
Donegal	414	224	145	84	106
Monaghan	150	88	48	30	32
REGIONAL AUTHORITIES:					
Border	1,214	637	374	265	312
Midland	605	287	141	142	176
West	1,077	558	321	225	294
Dublin	2,310	1,217	410	486	607
Mid-East	729	365	199	148	216
Mid-West	1,030	516	276	219	295
South-East	1,165	610	290	242	313
South-West	1,464	681	343	370	413

Table 3.19 Deaths from diseases of the respiratory system (J00-J99) in 2010 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	3,280	1,537	1,743		100	100	100
J00-J06	Acute upper respiratory infections	2	-	2		0.1	-	0.1
J10-J18	Influenza and pneumonia	1,145	465	680		34.9	30.3	39.0
J20-J22	Other acute lower respiratory infections	187	86	101		5.7	5.6	5.8
J30-J39	Other diseases of upper respiratory tract	3	2	1		0.1	0.1	0.1
J40-J47	Chronic lower respiratory diseases	1,334	666	668		40.7	43.3	38.3
J60-J70	Lung diseases due to external agents	161	88	73		4.9	5.7	4.2
J80-J84	Other respiratory diseases principally affecting the interstitium	251	151	100		7.7	9.8	5.7
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	7	4	3		0.2	0.3	0.2
J90-J94	Other disease of pleura	18	12	6		0.5	0.8	0.3
J95-J99	Other diseases of the respiratory system	172	63	109		5.2	4.1	6.3

Table 3.20 Deaths from diseases of the respiratory system (J00-J99) in 2010 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	1,537	3	2	6	14	32	98	283	557	542
		F	1,743	2	-	5	3	23	59	171	524	956
J00-J06	Acute upper respiratory infections	M	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	2
J10-J18	Influenza and pneumonia	M	465	2	2	4	10	14	23	43	155	212
		F	680	1	-	2	-	11	18	25	153	470
J20-J22	Other acute lower respiratory infections	M	86	-	-	-	-	1	5	17	22	41
		F	101	-	-	-	-	-	3	4	25	69
J30-J39	Other diseases of upper respiratory tract	M	2	-	-	-	-	-	-	1	-	1
		F	1	-	-	-	-	1	-	-	-	-
J40-J47	Chronic lower respiratory diseases	M	666	-	-	1	3	15	41	154	246	206
		F	668	-	-	2	2	8	29	107	253	267
J60-J70	Lung diseases due to external agents	M	88	-	-	1	-	1	6	16	30	34
		F	73	1	-	-	-	-	3	10	23	36
J80-J84	Other respiratory diseases principally affecting the interstitium	M	151	1	-	-	-	1	17	44	66	22
		F	100	-	-	1	-	2	4	20	41	32
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	M	4	-	-	-	1	-	2	-	1	-
		F	3	-	-	-	-	1	-	-	2	-
J90-J94	Other disease of pleura	M	12	-	-	-	-	-	1	2	6	3
		F	6	-	-	-	-	-	-	1	2	3
J95-J99	Other diseases of the respiratory system	M	63	-	-	-	-	-	3	6	31	23
		F	109	-	-	-	1	-	2	4	25	77

Table 3.21 Deaths from diseases of the respiratory system (J00-J99) in 2010 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	3,280	1,145	1,334	801
LEINSTER	1,661	561	682	418
Carlow	40	14	20	6
Dublin City	470	137	198	135
South Dublin	111	49	35	27
Fingal	111	41	44	26
Dun Laoghaire-Rathdown	153	58	41	54
Kildare	83	23	38	22
Kilkenny	71	27	28	16
Laois	51	13	26	12
Longford	42	19	17	6
Louth	83	16	50	17
Meath	115	49	43	23
Offaly	65	14	35	16
Westmeath	62	21	25	16
Wexford	127	50	54	23
Wicklow	77	30	28	19
MUNSTER	902	309	365	228
Clare	82	28	34	20
Cork City	123	51	52	20
Cork County	181	56	76	49
Kerry	135	49	58	28
Limerick City	55	23	27	5
Limerick County	122	48	39	35
North Tipperary	50	13	14	23
South Tipperary	65	19	33	13
Waterford City	43	11	17	15
Waterford County	46	11	15	20
CONNACHT	483	184	181	118
Galway City	25	10	12	3
Galway County	132	54	49	29
Leitrim	35	9	11	15
Mayo	171	67	62	42
Roscommon	64	26	24	14
Sligo	56	18	23	15
ULSTER (Part of)	234	91	106	37
Cavan	49	18	23	8
Donegal	137	59	57	21
Monaghan	48	14	26	8
REGIONAL AUTHORITIES:				
Border	408	134	190	84
Midland	220	67	103	50
West	392	157	147	88
Dublin	845	285	318	242
Mid-East	275	102	109	64
Mid-West	309	112	114	83
South-East	392	132	167	93
South-West	439	156	186	97

Table 3.22 Deaths from external causes (V01-Y89) in 2010 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	1,660	1,198	462	100.0	100.0	100.0
V01-X59	Accidents	981	667	314	59.1	55.7	68.0
V01-V99	Transport accidents	188	148	40	11.3	12.4	8.7
V01-V89	Land transport accidents	180	140	40	10.8	11.7	8.7
V90-V99	Other transport accidents	8	8	-	0.5	0.7	-
W00-W19	Falls	264	146	118	15.9	12.2	25.5
W65-W74	Accidental drowning and submersion	40	35	5	2.4	2.9	1.1
X00-X09	Exposure to smoke, fire and flames	44	34	10	2.7	2.8	2.2
X30-X39	Exposure to forces of nature	14	7	7	0.8	0.6	1.5
X40-X49	Accidental poisoning by and exposure to noxious substances	292	221	71	17.6	18.4	15.4
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	139	76	63	8.4	6.3	13.6
X60-X84	Intentional self-harm	495	405	90	29.8	33.8	19.5
X85-Y09	Assault	45	38	7	2.7	3.2	1.5
Y10-Y34	Events of undetermined intent	83	54	29	5.0	4.5	6.3
Y40-Y84	Complications of medical and surgical care	52	31	21	3.1	2.6	4.5
Y85-Y89	Sequelae of external causes of morbidity and mortality	4	3	1	0.2	0.3	0.2

Table 3.23 Deaths from external causes (V01-Y89) in 2010 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	1,198	11	6	171	217	229	173	162	109	74	46
		F	462	6	5	38	41	50	53	79	48	69	73
V01-X59	Accidents	M	667	10	2	77	113	111	79	92	84	57	42
		F	314	5	2	23	15	24	30	49	39	62	65
V01-V99	Transport accidents	M	148	3	2	40	32	19	10	17	18	4	3
		F	40	1	1	12	5	5	3	4	6	2	1
V01-V89	Land transport accidents	M	140	3	2	40	32	19	10	13	14	4	3
		F	40	1	1	12	5	5	3	4	6	2	1
V90-V99	Other transport accidents	M	8	-	-	-	-	-	-	4	4	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
W00-W19	Falls	M	146	2	-	4	11	9	14	27	24	32	23
		F	118	-	-	1	-	4	4	14	15	38	42
W65-W74	Accidental drowning and submersion	M	35	1	-	2	11	4	5	7	3	1	1
		F	5	-	-	-	-	1	-	1	2	1	-
X00-X09	Exposure to smoke, fire and flames	M	34	1	-	1	2	5	4	4	10	4	3
		F	10	-	-	-	-	2	3	-	1	3	1
X30-X39	Exposure to forces of nature	M	7	1	-	-	-	1	-	2	-	2	1
		F	7	-	-	-	1	-	1	3	-	1	1
X40-X49	Accidental poisoning by and exposure to noxious substances	M	221	-	-	28	53	62	40	23	11	3	1
		F	71	-	-	8	9	11	15	20	6	2	-
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	M	76	2	-	2	4	11	6	12	18	11	10
		F	63	4	1	2	-	1	4	7	9	15	20
X60-X84	Intentional self-harm	M	405	-	3	74	77	99	82	53	11	6	-
		F	90	-	1	11	18	18	17	19	3	2	1
X85-Y09	Assault	M	38	-	-	12	16	5	2	2	1	-	-
		F	7	1	2	-	2	-	-	2	-	-	-
Y10-Y34	Events of undetermined intent	M	54	1	-	8	10	12	8	7	7	-	1
		F	29	-	-	3	6	7	5	6	2	-	-
Y40-Y84	Complications of medical and surgical care	M	31	-	-	-	1	2	2	7	6	10	3
		F	21	-	-	1	-	1	1	3	4	5	6
Y85-Y89	Sequelae of external causes of morbidity and mortality	M	3	-	1	-	-	-	-	1	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	1

Table 3.24 Deaths from external causes in 2010 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	1,660	981	495	45	83	56
LEINSTER	857	496	247	35	42	37
Carlow	20	11	7	-	2	-
Dublin City	258	163	51	17	10	17
South Dublin	65	34	18	2	7	4
Fingal	65	36	19	6	1	3
Dun Laoghaire-Rathdown	69	38	18	-	8	5
Kildare	62	36	18	6	1	1
Kilkenny	28	17	8	-	3	-
Laois	37	17	18	-	-	2
Longford	11	6	4	-	-	1
Louth	53	30	17	3	2	1
Meath	39	25	10	-	3	1
Offaly	23	8	15	-	-	-
Westmeath	36	21	13	-	2	-
Wexford	51	34	16	-	1	-
Wicklow	40	20	15	1	2	2
MUNSTER	514	296	157	10	33	18
Clare	37	24	8	-	5	-
Cork City	83	51	22	3	4	3
Cork County	141	81	44	4	7	5
Kerry	62	35	24	-	1	2
Limerick City	33	18	8	-	6	1
Limerick County	57	30	19	1	4	3
North Tipperary	24	17	6	-	-	1
South Tipperary	34	15	13	1	3	2
Waterford City	16	7	4	1	3	1
Waterford County	27	18	9	-	-	-
CONNACHT	202	127	70	-	5	-
Galway City	20	15	5	-	-	-
Galway County	62	39	22	-	1	-
Leitrim	19	12	6	-	1	-
Mayo	57	36	18	-	3	-
Roscommon	26	16	10	-	-	-
Sligo	18	9	9	-	-	-
ULSTER (Part of)	87	62	21	-	3	1
Cavan	25	17	7	-	1	-
Donegal	44	35	6	-	2	1
Monaghan	18	10	8	-	-	-
REGIONAL AUTHORITIES:						
Border	177	113	53	3	6	2
Midland	107	52	50	-	2	3
West	165	106	55	-	4	-
Dublin	457	271	106	25	26	29
Mid-East	141	81	43	7	6	4
Mid-West	151	89	41	1	15	5
South-East	176	102	57	2	12	3
South-West	286	167	90	7	12	10

Table 3.25 Deaths from non transport accidents in 2010 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	793	494	299	62.3	37.7
W00-W19	Falls	264	163	101	61.7	38.3
W65-W74	Accidental drowning and submersion	40	3	37	7.5	92.5
X00-X09	Exposure to smoke, fire and flames	44	42	2	95.5	4.5
X30-X39	Exposure to forces of nature	14	11	3	78.6	21.4
X40-X49	Accidental poisoning by and exposure to noxious substances	292	232	60	79.5	20.5
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	139	43	96	30.9	69.1

Table 3.26 Deaths from external causes in the home and residential institutions in 2010 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	519	7	37	81	92	69	75	66	53	39
		F	274	5	11	10	19	27	45	33	60	64
W00-X59	Non transport accidents - in home and residential institutions	M	324	3	20	49	59	48	50	44	30	21
		F	170	4	7	10	14	24	31	22	30	28
W00-X59	Non transport accidents - occurring elsewhere or place not stated	M	195	4	17	32	33	21	25	22	23	18
		F	104	1	4	-	5	3	14	11	30	36

Table 3.27 Deaths in 2010 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	1,660	1,198	462
S00-S09	Injuries to the head	261	180	81
S10-S19	Injuries to the neck	16	13	3
S20-S29	Injuries to the thorax	62	48	14
S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	30	20	10
S40-S49	Injuries to the shoulder and upper arm	6	4	2
S50-S59	Injuries to the elbow and forearm	1	1	-
S60-S69	Injuries to the wrist and hand	7	4	3
S70-S79	Injuries to the hip and thigh	89	29	60
S80-S89	Injuries to the knee and lower leg	4	1	3
S90-S99	Injuries to the ankle and foot	1	1	-
T00-T07	Injuries involving multiple body regions	126	99	27
T08-T14	Injuries to unspecified parts of trunk, limb or body regions	14	8	6
T15-T19	Effects of foreign body entering through natural orifice	47	22	25
T20-T32	Burns and corrosions	25	17	8
T33-T35	Frostbite	-	-	-
T36-T50	Poisoning by drugs, medicaments and biological substances	241	182	59
T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	159	114	45
T66-T78	Other and unspecified effects of external causes	534	432	102
T79	Certain early complications of trauma	1	-	1
T80-T88	Complications of surgical and medical care, nec	31	19	12
T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	5	4	1

Table 3.28 Deaths in 2010 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	27,961	14,334	13,627
A00-B99	1	Infectious and parasitic diseases	257	132	125
A15-A19,					
B90	2	Tuberculosis	36	18	18
A39	7	Meningococcal infection	3	1	2
B20-B24	8	AIDS (HIV-disease)	13	9	4
B15-B19	10	Viral hepatitis	34	22	12
		Other infectious and parasitic diseases	171	82	89
C00-D48	6	Neoplasms	8,316	4,369	3,947
C00-C97	7	Malignant neoplasm	8,135	4,270	3,865
C00-C14	8	Malignant neoplasm of lip, oral cavity and pharynx	128	83	45
C15	9	Malignant neoplasm of oesophagus	333	220	113
C16	10	Malignant neoplasm of stomach	316	180	136
C18	11	Malignant neoplasm of colon	504	275	229
C19-C21	12	Malignant neoplasm of rectum and anus	438	260	178
C22	13	Malignant neoplasm of liver and intrahepatic bile ducts	260	159	101
C25	14	Malignant neoplasm of pancreas	472	244	228
C32-C34	15	Malignant neoplasm of larynx and trachea/bronchus/lung	1,751	1,026	725
C43	16	Malignant melanoma of skin	145	85	60
C50	17	Malignant neoplasm of breast	659	10	649
C53	18	Malignant neoplasm of cervix uteri	88	-	88
C54-C55	19	Malignant neoplasm of other parts of uterus	99	-	99
C56	20	Malignant neoplasm of ovary	286	-	286
C61	21	Malignant neoplasm of prostate	533	533	-
C64	22	Malignant neoplasm of kidney, except renal pelvis	184	127	57
C67	23	Malignant neoplasm of bladder	185	120	65
C81-C96	24	Malignant neoplasm of lymphoid/haematopoietic tissue	622	343	279
		Other malignant neoplasms	1,132	605	527
D50-D89	25	Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	78	36	42
E00-E90	26	Endocrine, nutritional and metabolic diseases	682	350	332
E10-E14	27	Diabetes mellitus	514	281	233
F00-F99	28	Mental and behavioural disorders	691	247	444
F10	29	Alcohol abuse (including alcoholic psychosis)	_*	_*	_*
F11-F16,					
F18-F19	30	Drug dependence, toxicomania	_*	_*	_*
G00-H95	31	Diseases of the nervous system and the sense organs	1,057	482	575
G00-G03	32	Meningitis	9	4	5
I00-I99	33	Diseases of the circulatory system	9,594	4,870	4,724
I20-I25	34	Ischaemic heart diseases	4,871	2,821	2,050
I21		<i>of which: (Acute myocardial infarction)</i>	2,354	1,358	996
I30-I33,					
I39-I52	35	Other heart disease	1,336	636	700
I60-I69	36	Cerebrovascular disease	2,097	822	1,275
		Other diseases of the circulatory system	1,290	591	699
J00-J99	37	Diseases of the respiratory system	3,280	1,537	1,743
J10-J11	38	Influenza	4	3	1
J12-J19	39	Pneumonia	1,141	462	679
J40-J47	40	Chronic lower respiratory diseases	1,334	666	668
J45-J46	41	<i>of which: Asthma</i>	44	16	28
		Other diseases of the respiratory system	801	406	395
K00-K93	42	Diseases of the digestive system	1,140	551	589
K25-K28	43	Ulcer of stomach, duodenum and jejunum	80	46	34
K70,					
K73-K74	44	Chronic liver disease	299	190	109
		Other diseases of the digestive system	761	315	446
L00-L99	45	Diseases of the skin and subcutaneous tissue	50	20	30
M00-M99	46	Diseases of musculoskeletal system/connective tissue	180	58	122
M05-M06,					
M15-M19	47	Rheumatoid arthritis and osteoarthritis	61	18	43

Table 3.28 (continued) Deaths in 2010 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	594	273	321
N00-N29	49	Diseases of kidney and ureter	383	198	185
O00-O99	50	Complicatons of pregnancy, childbirth and puerperium	1	-	1
P00-P96	51	Certain conditions originating in the perinatal period	131	78	53
Q00-Q99	52	Congenital malformations and chromosomal abnormalities	169	90	79
Q00-Q07	53	Congenital malformations of the nervous system	25	9	16
Q20-Q28	54	Congenital malformations of the circulatory system	55	30	25
R00-R99	55	Symptoms, signs, abnormal findings, ill-defined causes	81	43	38
R95	56	Sudden infant death syndrome	22	15	7
R96-R99	57	Unknown and unspecified causes	27	17	10
V01-Y89	58	External causes of injury and poisoning	1,660	1,198	462
V01-X59	59	Accidents	981	667	314
V01-V99	60	<i>of which: Transport accidents</i>	188	148	40
W00-W19	61	<i>Accidental falls</i>	264	146	118
X40-X49	62	<i>Accidental poisoning</i>	292	221	71
		<i>other accidents</i>	237	152	85
X60-X84	63	Suicide and intentional self-harm	495	405	90
X85-Y09	64	Homicide/assault	45	38	7
Y10-Y34	65	Events of undetermined intent	83	54	29
		All other external causes	56	34	22

* 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, 2010

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	859	613	246	57	109	149	207	187	99	45	6
A00-B99	I Infectious and parasitic diseases	27	21	6	-	5	4	13	3	1	1	-
C00-D48	II Neoplasms	24	20	4	-	-	-	6	3	3	10	2
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	-	-	-	-	-	-	-	-	-	-	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	4	4	-	-	1	-	1	-	1	1	-
F00-F99	V Mental and behavioural disorders	1	1	-	-	-	-	-	-	-	1	-
G00-G99	VI Diseases of the nervous system	3	2	1	-	-	2	-	-	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	79	60	19	-	2	5	19	30	15	6	2
J00-J99	X Diseases of the respiratory system	18	14	4	-	-	-	1	6	4	5	2
K00-K93	XI Diseases of the digestive system	239	155	84	-	6	33	81	65	41	13	-
L00-L99	XII Diseases of the skin and subcutaneous tissue	-	-	-	-	-	-	-	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	-	-	-	-	-	-	-	-	-	-	-
N00-N99	XIV Diseases of genitourinary system	3	3	-	-	-	-	-	-	2	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	4	2	2	-	-	-	2	2	-	-	-
V01-Y89	XX External causes of injury and poisoning	457	331	126	57	95	105	84	78	31	7	-

Table 3.30 Suicides classified by county of residence of deceased, 2007 - 2010

Area of residence	2010			2009			2008			2007		
	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	495	405	90	552	443	109	506	386	120	458	362	96
LEINSTER	247	200	47	261	200	61	250	182	68	226	179	47
Carlow	7	7	-	6	5	1	6	3	3	11	10	1
Dublin City	51	35	16	62	43	19	53	42	11	51	38	13
South Dublin	18	16	2	21	18	3	26	17	9	17	13	4
Fingal	19	17	2	19	17	2	15	10	5	14	9	5
Dun Laoghaire Rathdown	18	15	3	17	13	4	14	10	4	14	10	4
Kildare	18	14	4	20	16	4	24	17	7	23	20	3
Kilkenny	8	6	2	10	9	1	9	5	4	11	11	-
Laois	18	16	2	8	6	2	5	3	2	10	7	3
Longford	4	3	1	4	2	2	1	1	-	5	5	-
Louth	17	13	4	16	13	3	13	11	2	12	10	2
Meath	10	9	1	21	17	4	26	16	10	9	8	1
Offaly	15	10	5	12	9	3	13	9	4	8	7	1
Westmeath	13	12	1	11	7	4	14	13	1	11	5	6
Wexford	16	14	2	19	13	6	18	16	2	21	18	3
Wicklow	15	13	2	15	12	3	13	9	4	9	8	1
MUNSTER	157	129	28	198	163	35	164	134	30	145	118	27
Clare	8	7	1	18	13	5	15	11	4	17	14	3
Cork City	22	16	6	26	21	5	23	19	4	24	19	5
Cork County	44	34	10	54	45	9	59	49	10	39	33	6
Kerry	24	19	5	29	24	5	15	13	2	12	12	-
Limerick City	8	8	-	7	6	1	5	3	2	6	6	-
Limerick County	19	17	2	17	14	3	11	8	3	17	11	6
North Tipperary	6	6	-	15	14	1	10	9	1	6	5	1
South Tipperary	13	11	2	14	11	3	11	10	1	12	8	4
Waterford City	4	3	1	9	8	1	3	3	-	7	6	1
Waterford County	9	8	1	9	7	2	12	9	3	5	4	1
CONNACHT	70	58	12	60	51	9	54	40	14	57	39	18
Galway City	5	4	1	6	6	-	9	8	1	5	2	3
Galway County	22	18	4	22	19	3	20	15	5	13	9	4
Leitrim	6	5	1	4	3	1	4	3	1	2	1	1
Mayo	18	16	2	17	14	3	10	6	4	23	17	6
Roscommon	10	8	2	5	3	2	6	4	2	11	8	3
Sligo	9	7	2	6	6	-	5	4	1	3	2	1
ULSTER (PART OF)	21	18	3	33	29	4	38	30	8	30	26	4
Cavan	7	6	1	7	6	1	11	10	1	12	11	1
Donegal	6	5	1	19	17	2	20	14	6	12	9	3
Monaghan	8	7	1	7	6	1	7	6	1	6	6	-
REGIONAL AUTHORITIES:												
Border	53	43	10	59	51	8	60	48	12	47	39	8
Midland	50	41	9	35	24	11	33	26	7	34	24	10
West	55	46	9	50	42	8	45	33	12	52	36	16
Dublin	106	83	23	119	91	28	108	79	29	96	70	26
Mid-East	43	36	7	56	45	11	63	42	21	41	36	5
Mid-West	41	38	3	57	47	10	41	31	10	46	36	10
South-East	57	49	8	67	53	14	59	46	13	67	57	10
South-West	90	69	21	109	90	19	97	81	16	75	64	11

Chapter 4

Infant Mortality, Stillbirths and Maternal Mortality 2010

Infant mortality

During the year 2010 there were 271 deaths of infants under one year, compared to 247 in 2009. The infant mortality rate, which was 3.3 per 1,000 births in 2009, increased to 3.6 in 2010. See tables 4.1, 4.2 and 4.3.

Table I Infant mortality rates in Ireland* and neighbouring countries, 1941-2010

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
1996	6	6	6	6
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

¹ Decennial average.

* Exclusive of Northern Ireland.

Infant mortality rates in the EU-27

Ireland, together with Belgium and France, had the middle infant mortality rate of the EU-27 (3.6 per 1,000 live births). Romania had the highest rate at 9.8 infant deaths per 1,000 live births. Finland had the lowest rate, 2.3 per 1,000 live births. See *table II*.

Table II Infant mortality rates in per 1,000 live births in the European Union, 2010

Area of residence	Infant mortality rate per 1,000	Area of residence	Infant mortality rate per 1,000
Belgium	3.6	Luxembourg	3.4
Bulgaria	9.4	Hungary	5.3
Czech Republic	2.7	Malta	5.5
Denmark	3.4	Netherlands	3.8
Germany	3.4	Austria	3.9
Estonia	3.3	Poland	5.0
Ireland	3.6	Portugal	2.5
Greece	3.8	Romania	9.8
Spain	3.2	Slovenia	2.5
France	3.6	Slovakia	5.7
Italy	3.4	Finland	2.3
Cyprus	3.2	Sweden	2.5
Latvia	5.7	United Kingdom	4.3
Lithuania	4.3		

Source: Eurostat

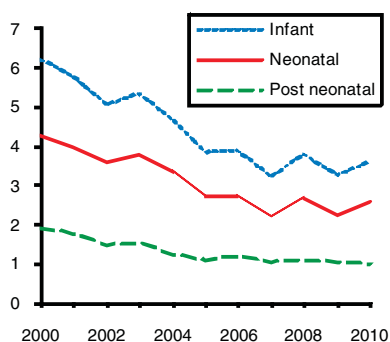
Infant Mortality by detailed age

Almost 40% of all infant deaths occurred within the first day of birth and over 57% occurred within the first week.

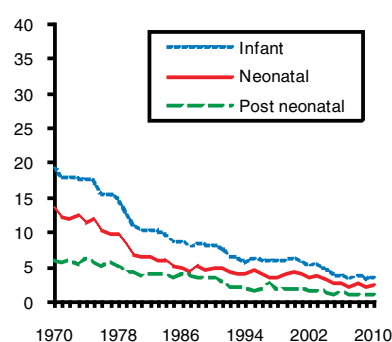
There were 195 neonatal deaths (deaths of infants under 4 weeks) in 2010, an increase of 27 on the 2009 figure. The neonatal mortality rate of 2.6 per 1,000 live births was 0.4 more than the 2009 figure. See *tables 4.2, 4.3 and 4.6*.

Table III shows infant deaths by detailed age.

Infant and neonatal mortality rates per 1,000 live births, 2000-2010



Infant and neonatal mortality rates per 1,000 live births, 1970-2010



Infant Mortality by cause

Certain conditions originating in the perinatal period accounted for just under 48% of infant deaths in 2010. Congenital malformations, deformations and chromosomal abnormalities accounted for a further 38.7%, sudden infant death syndrome accounted for 8.1% and diseases of the nervous system and sense organs 3.3%, and all other causes each accounted for 1.8%.

For infant deaths occurring in the first day of life, the causes of death were split between certain conditions originating in the perinatal period (62%) and congenital malformations, deformations and chromosomal abnormalities (37%). See table 4.6.

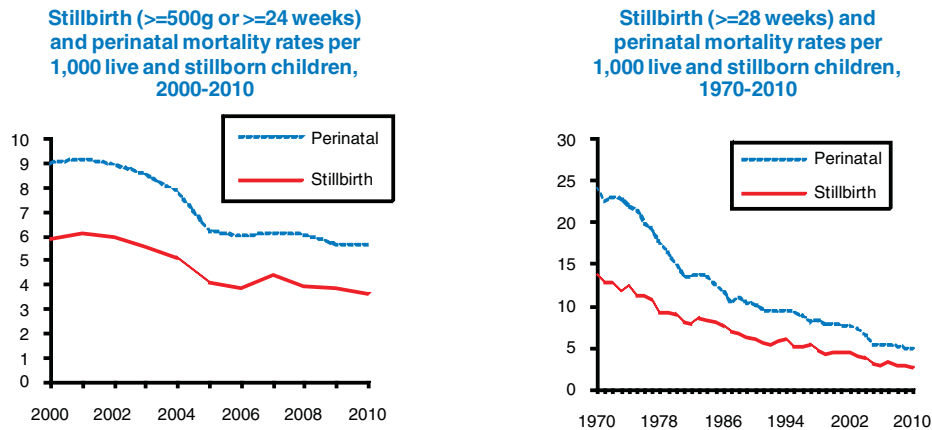
Limerick City had the highest rate for infant mortality in 2010 with a rate of 11.7 per 1,000 births. The lowest rate occurred in Laois with a rate of 1.4. See table 4.3.

Table III Infant deaths during 2010 by detailed age

	Total	Male	Female
Total under 1 year	271	154	117
Under 30 mins	24	16	8
30 mins and under 1 day	84	43	41
Total under 1 day	108	59	49
1 day	18	13	5
2 days	9	5	4
3 days	6	5	1
4 days	6	3	3
5 days	3	1	2
6 days	6	1	5
Total under 7 days	156	87	69
7-13 days	21	15	6
14-20 days	10	3	7
21-27 days	8	3	5
Total under 4 weeks	195	108	87
4 weeks and under 2 months	20	11	9
2 months	9	5	4
3 months	14	9	5
4 months	8	7	1
5 months	6	4	2
6 months	3	1	2
7 months	4	2	2
8 months	3	2	1
9 months	2	1	1
10 months	4	2	2
11 months	3	2	1

Stillbirths

The number of stillbirths in 2010 was 273, a decrease of 21 on 2009 total of 294. The corresponding rate decrease was from 3.9 in 2009 to 3.6 in 2010.



For stillbirths, the highest rate per 1,000 live births, was in Limerick City (10.3) and the lowest was in both Westmeath and Waterford County with a rate of 2.0. See table 4.3.

In 2010, stillbirths classified as being due to certain conditions originating in the perinatal period accounted for 81.3% of the stillbirths and 18.3% were due to congenital malformations, deformations and chromosomal abnormalities. See table 4.10.

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 was one maternal death in 2010. Table IV compares Ireland and the neighbouring countries for the years 1992-2010.

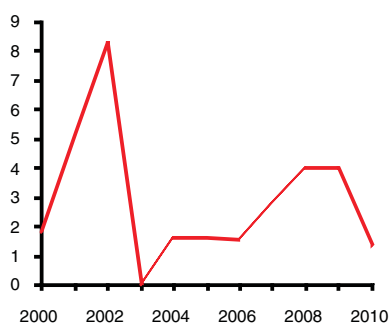
Table IV Maternal deaths per 100,000 total live and stillbirths in Ireland¹ and neighbouring countries, 1992-2010

Year	Number of deaths in Ireland ¹	Death rate per 100,000 live and stillbirths			
		Ireland ¹	Northern Ireland	England and Wales	Scotland
1992	2	4	–	6	11
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	1	2	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

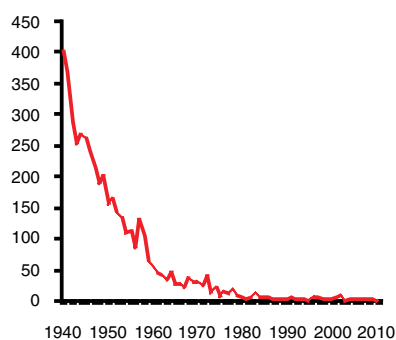
¹ Exclusive of Northern Ireland.

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

Maternal death rates per 100,000 live births, 2000-2010



Maternal death rates per 100,000 live births, 1940-2010



Stillbirths and Infant 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.

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.

Tables

Table 4.1 Live births, stillbirths and infant mortality, 1957 to 2010

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
2001	57,854	3,847	358	(259)	535	(436)	177	53	230	101	331
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
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
2001	29,684	1,913	175	(119)	272	(216)	97	26	123	55	178
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
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
2001	28,170	1,934	183	(140)	263	(220)	80	27	107	46	153
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

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 2010

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
2001	15.0	6.1	(4.5)	9.2	(7.5)	3.1	0.9	4.0	1.7	5.7
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
Males										
1957-60 ¹	21.5	-	-	-	-	18.7	6.1	24.8	12.0	36.8
1961-70 ²	22.1	14.6	-	27.4	-	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
2001	15.5	5.9	(4.0)	9.1	(7.2)	3.3	0.9	4.1	1.9	6.0
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	(2.7)	5.9	(4.9)	2.3	0.5	2.8	1.2	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	-	26.0	-	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
2001	14.6	6.5	(4.9)	9.3	(7.8)	2.8	1.0	3.8	1.6	5.4
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

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* 2010 per 1,000 live births

Area of residence	Infant mortality		Neonatal mortality		Stillbirths		Perinatal mortality	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE	271	3.6	195	2.6	273	3.6	429	5.7
LEINSTER	138	3.2	101	2.3	143	3.3	224	5.2
Carlow	3	3.0	2	2.0	6	6.0	7	7.0
Dublin City	26	3.2	16	1.9	27	3.3	38	4.6
South Dublin	10	2.1	7	1.5	18	3.7	25	5.2
Fingal	13	2.3	8	1.4	16	2.9	22	4.0
Dun Laoghaire-Rathdown	6	2.1	4	1.4	9	3.2	13	4.6
Kildare	11	2.8	10	2.5	9	2.2	14	3.5
Kilkenny	9	6.2	8	5.5	3	2.1	10	6.9
Laois	2	1.4	1	0.7	5	3.5	6	4.2
Longford	3	4.4	2	2.9	5	7.3	7	10.2
Louth	8	4.1	6	3.1	7	3.5	13	6.6
Meath	13	3.6	9	2.5	13	3.6	18	5.0
Offaly	8	6.5	5	4.1	3	2.4	8	6.5
Westmeath	3	2.0	2	1.3	3	2.0	5	3.3
Wexford	7	3.1	6	2.6	10	4.3	15	6.5
Wicklow	16	6.3	15	5.9	9	3.5	23	9.0
MUNSTER	89	4.6	60	3.1	83	4.2	132	6.7
Clare	9	5.3	4	2.4	7	4.1	11	6.5
Cork City	10	6.1	6	3.6	4	2.4	10	6.1
Cork County	27	3.9	19	2.8	20	2.9	35	5.1
Kerry	11	5.7	10	5.2	9	4.6	15	7.7
Limerick City	9	11.7	4	5.2	8	10.3	12	15.5
Limerick County	8	3.4	6	2.6	13	5.5	19	8.1
North Tipperary	4	3.2	3	2.4	4	3.2	6	4.8
South Tipperary	4	3.3	3	2.5	10	8.2	13	10.6
Waterford City	4	4.6	3	3.5	6	6.9	7	8.0
Waterford County	3	3.0	2	2.0	2	2.0	4	4.0
CONNACHT	28	3.4	20	2.4	31	3.8	45	5.5
Galway City	5	4.3	4	3.5	5	4.3	8	6.9
Galway County	6	2.1	5	1.7	10	3.5	14	4.8
Leitrim	2	4.2	2	4.2	2	4.2	2	4.2
Mayo	6	3.3	3	1.6	8	4.3	10	5.4
Roscommon	6	6.6	5	5.5	2	2.2	6	6.6
Sligo	3	3.2	1	1.1	4	4.3	5	5.3
ULSTER (Part of)	16	3.7	14	3.2	16	3.7	28	6.4
Cavan	4	3.3	4	3.3	3	2.4	6	4.9
Donegal	6	2.7	5	2.3	10	4.5	14	6.3
Monaghan	6	6.8	5	5.6	3	3.4	8	9.0
REGIONAL AUTHORITIES								
Border	29	3.8	23	3.0	29	3.8	48	6.2
Midland	16	3.3	10	2.1	16	3.3	26	5.3
West	23	3.4	17	2.5	25	3.7	38	5.6
Dublin	55	2.6	35	1.6	70	3.3	98	4.6
Mid-East	40	3.9	34	3.3	31	3.0	55	5.4
Mid-West	30	5.0	17	2.8	32	5.3	48	7.9
South-East	30	3.8	24	3.1	37	4.7	56	7.1
South-West	48	4.6	35	3.4	33	3.2	60	5.7

* For definition see glossary at end of commentary.

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.

Table 4.4 Infant mortality rates per 1,000 live births by detailed age, 1941 to 2010

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
1998	2.2	1.2	0.5	0.2	0.2	0.5	0.3	0.5	0.4	1.6
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

¹ Decennial average.**Table 4.5 Comparable¹ stillbirth and perinatal mortality rates in Ireland² and neighbouring countries, 1983-2010**

Year	Stillbirth rate				Perinatal mortality rate			
	Ireland	Northern Ireland	England and Wales	Scotland	Ireland	Northern Ireland	England and Wales	Scotland
1983	(8.6)	(7.4)	(5.7)	(5.8)	(13.7)	(13.1)	(10.4)	(10.6)
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)

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 2010, 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	154	16	43	59	87	15	3	3	108	46
		F	117	8	41	49	69	6	7	5	87	30
G00-H95	Diseases of the nervous system and the sense organs	M	6	-	-	-	-	-	-	-	-	6
		F	3	-	-	-	-	-	-	-	-	3
<i>of which:</i>												
G00-G03	Meningitis	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	M	77	15	26	41	55	11	1	1	68	9
		F	53	4	22	26	36	5	3	1	45	8
<i>of which:</i>												
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	M	10	4	5	9	10	-	-	-	10	-
		F	8	-	4	4	7	-	1	-	8	-
P05-P08	Disorders related to length of gestation and fetal growth	M	20	5	12	17	17	2	1	-	20	-
		F	13	2	9	11	11	2	-	-	13	-
P10-P15	Birth Trauma	M	1	-	-	-	-	1	-	-	1	-
		F	1	-	-	-	1	-	-	-	1	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	M	19	3	5	8	12	2	-	1	15	4
		F	15	1	5	6	10	-	-	-	10	5
P35-P39	Infections specific to the perinatal period	M	3	-	-	-	-	1	-	-	1	2
		F	4	-	-	-	1	-	1	-	2	2
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	M	7	2	-	2	6	1	-	-	7	-
		F	1	-	-	-	1	-	-	-	1	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	M	7	-	-	-	1	3	-	-	4	3
		F	4	-	-	-	-	2	1	1	4	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	M	-	-	-	-	-	-	-	-	-	-
		F	3	1	2	3	3	-	-	-	3	-
P90-P96	Other disorders originating in the perinatal period	M	7	-	2	2	6	1	-	-	7	-
		F	2	-	1	1	1	-	-	-	1	1
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	M	55	1	17	18	32	4	2	1	39	16
		F	50	4	18	22	31	-	4	4	39	11
<i>of which:</i>												
Q00-Q07	Congenital malformations of the nervous system	M	7	1	4	5	6	-	-	-	6	1
		F	8	2	4	6	6	-	-	1	7	1

Table 4.6 (continued) Infant mortality - deaths under 1 year in 2010, 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	-	1	1	8	2	-	1	11	9
		F	15	1	2	3	8	-	-	3	11	4
Q30-Q34	Congenital malformations of the respiratory system	M	4	-	3	3	4	-	-	-	4	-
		F	-	-	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	M	3	-	-	-	-	1	-	-	1	2
		F	-	-	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	M	3	-	3	3	3	-	-	-	3	-
		F	4	-	4	4	4	-	-	-	4	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	M	2	-	-	-	1	-	-	-	1	1
		F	6	1	3	4	6	-	-	-	6	-
Q80-Q89	Other congenital malformations	M	3	-	1	1	1	-	-	-	1	2
		F	2	-	2	2	2	-	-	-	2	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	M	13	-	5	5	9	1	2	-	12	1
		F	15	-	3	3	5	-	4	-	9	6
R95	Sudden infant death syndrome	M	15	-	-	-	-	-	-	1	1	14
		F	7	-	-	-	1	-	-	-	1	6
	All other causes	M	1	-	-	-	-	-	-	-	-	1
		F	4	-	1	1	1	1	-	-	2	2

Table 4.7 Infant mortality - deaths under 1 year in 2010, 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	108	87	57	44	32	28	12
		4 weeks to 1 year	46	30	22	15	19	10	4	4	1	1
G00-H95	Diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	6	3	1	2	5	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	68	45	37	26	18	13	9	4	4	2
		4 weeks to 1 year	9	8	4	3	4	4	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	10	8	7	3	-	3	2	2	1	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	20	13	9	6	6	4	2	1	3	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	1	1	1	-	-	-	-	1	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	15	10	10	8	4	2	1	-	-	-
		4 weeks to 1 year	4	5	2	1	2	4	-	-	-	-
P35-P39	Infections specific to the perinatal period	Under 4 weeks	1	2	-	1	1	1	-	-	-	-
		4 weeks to 1 year	2	2	1	1	1	-	-	-	-	1
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	7	1	4	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	4	4	2	4	-	-	2	-	-	-
		4 weeks to 1 year	3	-	1	-	1	-	1	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	3	5	1	3	1	2	1	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	7	1	3	-	4	1	-	-	-	-
		4 weeks to 1 year	-	1	-	1	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	Under 4 weeks	39	39	20	18	13	12	3	4	3	5
		4 weeks to 1 year	16	11	9	4	3	4	3	3	1	-
	<i>of which:</i>											
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	6	7	4	4	1	2	-	-	1	1
		4 weeks to 1 year	1	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	11	11	7	6	2	4	1	1	1	-
		4 weeks to 1 year	9	4	4	1	2	2	2	1	1	-
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	4	-	2	-	1	-	-	-	1	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	Under 4 weeks	1	-	-	-	1	-	-	-	-	-
		4 weeks to 1 year	2	-	2	-	-	-	-	-	-	-
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	3	4	1	2	2	-	-	-	-	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	1	6	1	4	-	1	-	1	-	-
		4 weeks to 1 year	1	-	-	-	-	-	1	-	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	1	2	-	-	-	2	1	-	-	-
		4 weeks to 1 year	2	-	2	-	-	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	12	9	5	2	6	3	1	2	-	2
		4 weeks to 1 year	1	6	-	3	1	1	-	2	-	-
R95	Sudden infant death syndrome	Under 4 weeks	1	1	-	-	1	1	-	-	-	-
		4 weeks to 1 year	14	6	7	4	7	1	-	1	-	-
	All other causes	Under 4 weeks	-	2	-	-	-	2	-	-	-	-
		4 weeks to 1 year	1	2	1	2	-	-	-	-	-	-

Table 4.8 Infant mortality - deaths under 1 year in 2010, 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	13	16	8	8	14	9	36	19	17	23	16	14	23	7	27	21
G00-H95	Diseases of the nervous system and the sense organs	-	-	-	1	-	-	-	1	1	-	3	-	1	-	1	1
	<i>of which:</i>																
G00-G03	Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	6	7	3	3	9	3	19	8	10	13	8	8	12	4	10	7
	<i>of which:</i>																
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	2	-	-	-	1	2	4	2	3	1	-	1	-	-	-	2
P05-P08	Disorders related to length of gestation and fetal growth	4	3	1	1	2	-	3	1	3	3	4	3	2	1	1	1
P10-P15	Birth Trauma	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	-	2	1	1	1	-	5	2	2	3	2	3	5	1	3	3
P35-P39	Infections specific to the perinatal period	-	1	-	-	-	-	1	-	-	2	-	-	-	-	2	1
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	-	1	-	-	1	-	2	-	-	-	-	-	2	-	2	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	3	-	1	1	1	3	1	-	1	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	-	-	-	-	1	-	2	1	1	1	-	-	1	2	-	-
P90-P96	Other disorders originating in the perinatal period	-	-	1	1	-	-	2	-	-	-	1	1	1	-	2	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	7	8	4	3	5	5	12	7	5	9	4	3	8	3	10	12
	<i>of which:</i>																
Q00-Q07	Congenital malformations of the nervous system	1	1	2	-	-	-	1	1	1	3	-	-	2	-	-	3
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	2	1	3	2	8	3	1	3	2	2	-	-	2	4
Q30-Q34	Congenital malformations of the respiratory system	1	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	-	2	-	-	-	-	1	1	-	1	-	-	1	-	1	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	1	1	-	1	-	1	-	-	-	1	-	-	1	1	-	1
Q80-Q89	Other congenital malformations	1	-	-	-	1	-	-	-	-	-	-	-	1	-	-	2
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	1	4	-	1	1	2	1	2	1	1	2	1	2	2	5	2
R95	Sudden infant death syndrome	-	-	1	1	-	1	5	2	-	1	1	2	2	-	6	-
	All other causes	-	1	-	-	-	-	-	1	1	-	-	1	-	-	-	1

Table 4.9 Infant mortality - deaths under 1 year in 2010, 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	23	10	17	35	34	17	24	35
		4 weeks to 1 year	6	6	6	20	6	13	6	13
G00-H95	Diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	1	-	1	1	3	1	2
	<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	12	5	11	23	21	11	16	14
		4 weeks to 1 year	1	1	1	4	2	5	-	3
	<i>of which:</i>									
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	Under 4 weeks	2	-	3	6	4	1	-	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	7	2	2	4	6	7	3	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	-	-	1	1	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	2	2	1	5	4	1	6	4
		4 weeks to 1 year	-	-	-	2	1	4	-	2
P35-P39	Infections specific to the perinatal period	Under 4 weeks	-	-	-	-	1	-	-	2
		4 weeks to 1 year	1	-	-	1	1	-	-	1
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	1	-	1	2	-	-	2	2
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	Under 4 weeks	-	-	2	1	4	-	1	-
		4 weeks to 1 year	-	-	1	1	-	1	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	-	-	1	2	2	-	3	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	-	1	-	2	-	2	1	2
		4 weeks to 1 year	-	1	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	Under 4 weeks	11	5	6	12	13	4	8	19
		4 weeks to 1 year	4	2	4	7	1	3	3	3
	<i>of which:</i>									
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	2	2	-	1	4	-	2	2
		4 weeks to 1 year	-	-	-	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	1	2	2	7	4	2	-	4
		4 weeks to 1 year	1	1	3	4	-	2	-	2
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	1	-	-	-	2	-	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	Under 4 weeks	-	-	-	-	-	-	-	1
		4 weeks to 1 year	-	-	-	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	2	-	-	2	1	-	1	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	1	1	1	-	1	-	2	1
		4 weeks to 1 year	1	-	-	-	-	-	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	-	-	1	-	-	-	-	2
		4 weeks to 1 year	1	-	-	-	-	-	1	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	4	-	2	2	1	2	3	7
		4 weeks to 1 year	1	1	1	1	1	1	1	-
R95	Sudden infant death syndrome	Under 4 weeks	-	-	-	-	-	1	-	1
		4 weeks to 1 year	-	2	1	7	1	2	2	5
	All other causes	Under 4 weeks	-	-	-	-	-	1	-	1
		4 weeks to 1 year	1	-	-	1	1	-	-	-

Table 4.10a Stillbirths in 2010, 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 causes	273	140	133	79	38	41
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	1	1	-	1	1	-
P00-P96	Certain conditions originating in the perinatal period	222	111	111	75	36	39
	<i>of which:</i>						
P05-P08	Disorders related to length of gestation and fetal growth	16	10	6	10	5	5
P10-P15	Birth Trauma	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	22	7	15	14	6	8
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	1	2	1	-	1
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	-	3	-	-	-
P90-P96	Other disorders in the perinatal period	178	93	85	50	25	25
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	50	28	22	3	1	2
	<i>of which:</i>						
Q00-Q07	Other congenital malformations of the nervous system	11	4	7	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	1	1	-	-	-
Q30-Q34	Congenital malformations of the respiratory system	1	1	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-
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	4	2	2	-	-	-
Q80-Q89	Other congenital malformations	5	4	1	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	25	15	10	3	1	2

Table 4.10b Stillbirths in 2010, classified by maternal factors

ICD-10 code	Maternal factors of cause of death	Stillbirths		
		Total	Male	Female
A00-Y89	All causes	79	38	41
P00	Fetus and newborn affected by maternal conditions that may be unrelated to present pregnancy	12	5	7
P01	Fetus and newborn affected by maternal complications of pregnancy	5	2	3
P02	Fetus and newborn affected by complications of placenta, cord and membranes	62	31	31

Table 4.11 Stillbirths in 2010, 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	140	37	22	25	36	20
	Females	133	31	24	26	33	19
Under 20	Males	4	3	-	-	-	1
	Females	5	3	-	-	1	1
20-24	Males	17	7	-	4	3	3
	Females	9	3	1	3	2	-
25-29	Males	28	10	3	3	8	4
	Females	33	9	6	7	6	5
30-34	Males	48	11	11	7	14	5
	Females	37	5	8	6	12	6
35-39	Males	28	6	4	9	6	3
	Females	37	10	6	8	8	5
40 and over	Males	7	-	2	1	3	1
	Females	10	1	3	2	3	1
Not stated	Males	8	-	2	1	2	3
	Females	2	-	-	-	1	1

Table 4.12 Stillbirths in 2010, 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	273	9	26	61	85	65	17	10
0	132	8	18	29	39	27	2	9
1	80	1	6	14	29	21	8	1
2	34	-	1	9	12	11	1	-
3	16	-	1	6	4	2	3	-
4 or 5	10	-	-	3	1	3	3	-
6 or more	1	-	-	-	-	1	-	-

Table 4.13 Stillbirths in 2010, 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	273	68	46	51	69	39
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	1	-	1	-	-	-
P00-P96	Certain conditions originating in the perinatal period	222	64	35	36	54	33
	<i>of which:</i>						
P05-P08	Disorders related to length of gestation and fetal growth	16	9	2	2	3	-
P10-P15	Birth Trauma	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	22	4	4	3	4	7
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	1	-	2	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	2	-	1	-	-
P90-P96	Other disorders in the perinatal period	178	48	29	28	47	26
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	50	4	10	15	15	6
	<i>of which:</i>						
Q00-Q07	Other congenital malformations of the nervous system	11	-	1	3	5	2
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	1	1	-	-
Q30-Q34	Congenital malformations of the respiratory system	1	-	1	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-
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	4	1	-	-	3	-
Q80-Q89	Other congenital malformations	5	-	1	2	1	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	25	3	5	9	5	3

Table 4.14 Stillbirths in 2010, 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	273	132	80	34	16	10	1
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	1	-	1	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	222	112	64	26	13	6	1
	of which:							
P05-P08	Disorders related to length of gestation and fetal growth	16	9	6	-	-	-	1
P10-P15	Birth Trauma	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	22	11	5	2	4	-	-
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	2	-	1	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	1	-	2	-	-	-
P90-P96	Other disorders in the perinatal period	178	89	53	21	9	6	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	50	20	15	8	3	4	-
	of which:							
Q00-Q07	Other congenital malformations of the nervous system	11	5	2	2	1	1	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	1	-	-	1	-
Q30-Q34	Congenital malformations of the respiratory system	1	-	-	1	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-
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	4	2	1	1	-	-	-
Q80-Q89	Other congenital malformations	5	3	1	1	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	25	9	9	3	2	2	-

Table 4.15 Stillbirths in 2010, 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	273	9	26	61	85	65	17	10
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	1	-	-	-	-	-	1	-
P00-P96	Certain conditions originating in the perinatal period	222	9	23	51	71	48	11	9
	<i>of which:</i>								
P05-P08	Disorders related to length of gestation and fetal growth	16	2	2	2	3	6	1	-
P10-P15	Birth Trauma	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	22	1	1	8	4	4	1	3
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	-	1	-	1	1	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	-	-	1	2	-	-	-
P90-P96	Other disorders in the perinatal period	178	6	19	40	61	37	9	6
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	50	-	3	10	14	17	5	1
	<i>of which:</i>								
Q00-Q07	Other congenital malformations of the nervous system	11	-	1	4	2	3	1	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	-	2	-	-	-	-
Q30-Q34	Congenital malformations of the respiratory system	1	-	-	-	1	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-	-
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	4	-	-	2	1	1	-	-
Q80-Q89	Other congenital malformations	5	-	1	1	2	1	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	25	-	1	1	7	11	4	1

Table 4.16 Stillbirths in 2010, 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	273	90	35	36	23	30	26	17	16
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	1	-	1	-	-	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period	222	79	25	25	15	23	24	17	14
	<i>of which:</i>									
P05-P08	Disorders related to length of gestation and fetal growth	16	12	1	3	-	-	-	-	-
P10-P15	Birth Trauma	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	22	6	3	2	-	5	3	3	-
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	3	2	-	-	-	1	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	-	-	1	1	-	-	-	1
P90-P96	Other disorders in the perinatal period	178	59	21	19	14	17	21	14	13
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	50	11	9	11	8	7	2	-	2
	<i>of which:</i>									
Q00-Q07	Other congenital malformations of the nervous system	11	-	1	4	3	2	1	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	2	-	-	-	1	-	-	-	1
Q30-Q34	Congenital malformations of the respiratory system	1	-	-	1	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-	-	-
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	4	1	-	1	-	2	-	-	-
Q80-Q89	Other congenital malformations	5	1	1	2	1	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	25	8	7	3	3	2	1	-	1

Appendix

Table A Deaths which were registered on the authority* of the Superintendent Registrars in 2010, 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	17	4	2	2	13	23	11	16	18	21	20	9	12	15	13	25	27	32	43	323
		F	15	2	4	2	9	6	8	4	3	7	2	8	14	13	17	23	20	46	80	283
A00-B99	I Infectious and parasitic diseases	M	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	4
		F	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2
C00-D48	II Neoplasms	M	-	-	-	-	-	-	-	-	-	-	-	1	2	3	2	8	9	3	8	36
		F	-	1	-	-	-	-	-	-	-	1	-	-	2	4	5	3	3	6	4	29
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	7
		F	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	2	6
F00-F99	V Mental and behavioural disorders	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	3	6
G00-G99	VI Diseases of the nervous system	M	-	-	1	-	-	-	-	1	1	-	-	-	1	-	-	-	1	2	-	7
		F	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	6	2	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	-	-	-	-	-	1	-	1	3	3	-	4	4	7	12	11	14	17	77	
		F	-	-	-	-	-	1	-	1	-	-	-	2	2	5	11	10	20	47	99	
J00-J99	X Diseases of the respiratory system	M	-	-	-	-	-	-	-	-	-	1	-	-	-	3	2	3	5	5	19	
		F	-	-	-	-	-	-	-	-	1	-	-	4	1	1	-	2	4	10	23	
K00-K93	XI Diseases of the digestive system	M	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	1	5	
		F	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-	1	2	1	-	10
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3
N00-N99	XIV Diseases of genitourinary system	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	
		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	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
		F	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	6	
		F	3	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	3	3	12	
V01-Y89	XX External causes of injury and poisoning	M	-	-	-	2	13	23	10	15	14	18	16	7	4	7	-	2	1	4	4	140
		F	1	1	4	2	7	6	7	4	2	4	1	4	2	3	5	6	2	1	5	67

* 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 2010, classified by underlying cause of death, sex and year of occurrence

ICD 10 code	Underlying cause of death	Sex	Age at death										Total
			2008	2007	2006	2005	2004	2003	2002	2001	2000	1999 & earlier	
A00-Y89	All causes	M	136	49	27	14	2	8	9	6	7	65	323
		F	120	35	20	18	8	7	3	5	5	62	283
A00-B99	I Infectious and parasitic diseases	M	1	-	-	-	-	-	-	-	-	3	4
		F	-	-	-	-	-	1	-	-	-	1	2
C00-D48	II Neoplasms	M	8	3	3	2	-	1	2	1	3	13	36
		F	9	1	4	2	2	1	-	-	1	9	29
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	1	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2	1	-	-	1	1	1	-	-	1	7
		F	3	1	1	1	-	-	-	-	-	-	6
F00-F99	V Mental and behavioural disorders	M	1	-	-	-	-	-	-	-	-	-	1
		F	1	2	-	2	-	-	-	-	-	1	6
G00-G99	VI Diseases of the nervous system	M	2	2	-	-	-	-	1	-	-	2	7
		F	5	1	1	1	1	-	-	-	-	1	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	22	10	4	3	1	3	4	1	2	27	77
		F	29	14	7	8	3	2	2	3	3	28	99
J00-J99	X Diseases of the respiratory system	M	7	2	1	-	-	1	-	-	1	7	19
		F	8	3	2	2	-	1	-	1	-	6	23
K00-K93	XI Diseases of the digestive system	M	3	-	-	-	-	-	-	1	-	1	5
		F	4	2	2	-	1	-	-	-	-	1	10
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	1	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	1
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	1	-	-	-	-	-	-	-	2	3
N00-N99	XIV Diseases of genitourinary system	M	1	-	-	-	-	-	-	1	-	-	2
		F	4	-	-	-	-	-	-	-	-	-	4
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	5	3	-	-	-	-	-	-	-	5	13
		F	2	-	-	-	-	-	-	-	1	5	8
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	1	-	2	-	-	-	-	-	-	1	4
		F	3	-	-	-	-	-	-	-	-	-	3
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	1	1	-	-	1	-	-	1	2	6
		F	1	3	-	-	-	1	1	-	-	6	12
V01-Y89	XX External causes of injury and poisoning	M	82	26	16	9	-	1	1	2	-	3	140
		F	50	7	3	2	1	1	-	1	-	2	67

* 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 2010, 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	-	-	-	2	13	23	10	15	14	18	16	7	4	7	-	2	1	4	4	140
		F	1	1	4	2	7	6	7	4	2	4	1	4	2	3	5	6	2	1	5	67
V01-X59	Accidents	M	-	-	-	1	9	18	7	10	12	13	11	6	4	5	-	1	1	3	4	105
		F	1	-	3	2	5	4	6	1	1	3	-	4	1	1	4	3	-	1	5	45
X60-X84	Intentional self-harm	M	-	-	-	-	2	1	2	1	1	3	2	1	-	1	-	1	-	-	-	15
		F	-	-	-	-	1	-	1	1	-	1	-	-	-	1	1	2	-	-	-	8
X85-Y09	Assault	M	-	-	-	1	2	4	1	2	-	2	3	-	-	-	-	-	-	-	-	15
		F	-	1	1	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	5
Y10-Y34	Events of undetermined intent	M	-	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-	1	-	5
		F	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-	-	-	-	-	3
Y40-Y89	All other external causes	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	1	2	-	6

* 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 2010, classified by sex and year of occurrence

ICD 10 code	Underlying cause of death	Sex	Age at death								2001 & earlier	Total
			2008	2007	2006	2005	2004	2003	2002			
V01-Y89	XX External causes of injury and poisoning	M	82	26	16	9	-	1	1	5	140	
		F	50	7	3	2	1	1	-	3	67	
V01-X59	Accidents	M	65	21	11	7	-	-	-	1	105	
		F	34	5	1	1	-	1	-	3	45	
X60-X84	Intentional self-harm	M	10	1	2	2	-	-	-	0	15	
		F	6	1	-	1	-	-	-	0	8	
X85-Y09	Assault	M	4	4	3	-	-	1	-	3	15	
		F	4	-	-	-	1	-	-	0	5	
Y10-Y34	Events of undetermined intent	M	3	-	-	-	-	-	1	1	5	
		F	2	-	1	-	-	-	-	0	3	
Y40-Y89	All other external causes	M	-	-	-	-	-	-	-	0	-	
		F	4	1	1	-	-	-	-	0	6	

* 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.