



**An Phríomh-Oifig Staidrimh**  
Central Statistics Office

# **Report on Vital Statistics**

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# Chapter 1

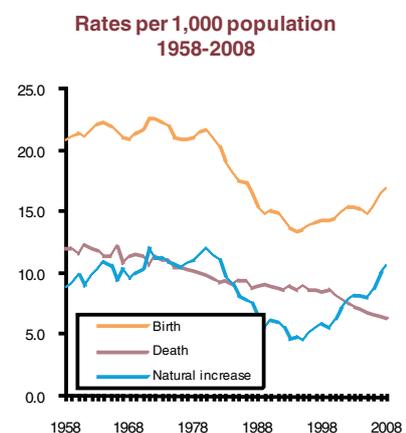
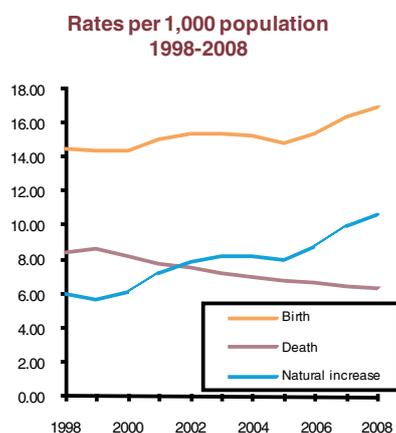
## General Summary 2008

This report contains upward revisions to the previously published figures for births which occurred in 2008. The data omissions occurred as a result of a data transmission and download issue, which was recently identified by the Central Statistics Office. Measures have been put in place to avoid any such problem arising in the future.

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 2008. The year of occurrence data have been compiled from registration data for 2008 and 2009.

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 75,173 children born in Ireland during 2008, up 3,784 or 5.3% from 2007 and up 21,204 or 39.3% since 1998.

The birth rate was 17.0 per 1,000 of the population compared with 16.5 in 2007 and 14.6 in 1998.

The total period fertility rate, or the average number of children per woman, increased from 2.05 in 2007 to 2.10 in 2008. This was the highest total period fertility rate since 1990, reaching the considered replacement level of 2.1 children per woman. This is the fertility rate that must be maintained to replace the population in absence of migration.

Ireland has the highest fertility rate of the 27 EU member states in 2008 at 2.10 children per woman.

The number of babies born in 2008 was the highest since 1896 and the third consecutive annual increase.

In 2008, there were 25,431 babies born to women aged 30 to 34, the highest number of all age-groups.

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.

Almost 22% of births in 2008 were to mothers of non-Irish nationality.

The number of births outside marriage that occurred in 2008 was 25,145 or 33.4% of all births. See *chapter 2*.

**Deaths:** There were 28,274 deaths in Ireland in 2008, of which 14,457 were males and 13,817 were females. This is equivalent to a rate of 6.4 deaths per 1,000 total population compared to 6.5 in 2007 and 6.7 in 2006. 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 77% of the 28,274 deaths in 2008.

Diseases of the circulatory accounted for 35.2% of deaths, neoplasms 29.7%, diseases of the respiratory system, in third place accounted for 12.5%.

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, endocrine, nutritional and metabolic diseases, diseases of the genitourinary system, mental and behavioural disorders, and diseases of the musculoskeletal system and connective tissue.

The leading causes of death varied widely by age group in 2008. 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 respiratory system. See *chapter 3*.

**Infant Mortality:** During 2008 the number of deaths of infants under one year was 284 compared with 230 in 2007. The corresponding rate increased from 3.2 to 3.8 per 1,000 live births. See *chapter 4*.

**Stillbirths:** The number of stillbirths occurring during 2008 was 294 compared with 317 in 2007. The corresponding rate decreased from 4.4 to 3.9 per 1,000 live and stillborn children. See *chapter 4*.

**Population:** The estimated Population in April 2008 was 4,422,100: 2,206,300 males and 2,215,800 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 2008 and of some deaths where an inquest has been held. The number of such deaths registered in 2008 was 712.

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/database/eirestat/Births%20Deaths%20and%20Marriages/Births%20Deaths%20and%20Marriages.asp>

# Tables



**Table 1.1 Estimated population in thousands in each year 1851 - 2008<sup>1</sup>**

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	4,339	2,171	2,168
1888	3,554	1,766	1,788	1948	2,985	1,512	1,473	2008	4,422	2,206	2,216
1889	3,516	1,748	1,768	1949	2,981	1,513	1,468				
1890	3,482	1,733	1,749	1950	2,969	1,510	1,459				
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				

<sup>1</sup>Data for 2007 and 2008 is preliminary

**Table 1.2 Estimated population (thousands) by gender and age-group, 2004 to 2008<sup>1</sup>**

Sex and Age-group	Persons (thousands) in April of each year				
	2004	2005	2006	2007	2008
<b>Total persons</b>	<b>4,045.2</b>	<b>4,133.8</b>	<b>4,239.8</b>	<b>4,339.0</b>	<b>4422.1</b>
Under 1 year	61.6	61.0	61.1	65.6	72.0
1 - 4 years	229.1	235.5	241.2	246.9	255.9
5 - 9 years	274.9	280.6	288.3	295.9	303.4
10 - 14 years	278.2	276.3	273.9	275.6	281.0
15 - 19 years	298.4	292.8	290.3	286.0	283.9
20 - 24 years	336.1	339.5	342.5	347.8	334.0
25 - 29 years	325.4	345.2	373.1	405.1	416.7
30 - 34 years	325.1	335.8	349.4	358.0	366.9
35 - 39 years	303.5	312.1	322.1	331.7	342.1
40 - 44 years	286.0	294.1	301.3	305.8	310.2
45 - 49 years	259.2	265.4	274.7	279.8	286.1
50 - 54 years	238.1	243.1	247.1	252.6	257.2
55 - 59 years	213.9	221.4	225.3	227.4	232.0
60 - 64 years	166.0	172.1	181.7	190.5	199.2
65 - 69 years	137.5	140.8	143.4	143.5	148.8
70 - 74 years	115.7	117.4	119.2	119.2	120.8
75 - 79 years	90.0	91.0	92.5	92.1	93.6
80 - 84 years	63.1	64.0	64.9	65.4	65.2
85 years and over	43.4	45.7	48.0	50.3	53.2
<b>Total males</b>	<b>2,011.9</b>	<b>2,061.8</b>	<b>2,121.2</b>	<b>2,171.1</b>	<b>2206.3</b>
Under 1 year	31.5	31.5	31.3	33.7	36.8
1 - 4 years	117.2	120.2	123.3	127.0	131.5
5 - 9 years	141.2	144.3	148.0	151.3	154.9
10 - 14 years	142.8	142.0	140.5	141.3	144.1
15 - 19 years	152.7	149.8	148.2	145.4	144.6
20 - 24 years	168.2	170.0	172.8	175.0	165.7
25 - 29 years	162.9	174.1	189.3	204.7	209.4
30 - 34 years	161.8	168.7	177.5	182.6	185.3
35 - 39 years	152.4	157.8	163.8	169.1	174.0
40 - 44 years	142.5	147.1	151.4	153.6	155.7
45 - 49 years	129.7	132.9	138.0	140.6	143.3
50 - 54 years	120.1	122.9	124.6	127.1	129.1
55 - 59 years	108.5	112.0	113.9	114.9	117.0
60 - 64 years	83.8	86.7	91.6	96.0	100.4
65 - 69 years	67.3	69.1	70.9	71.3	73.6
70 - 74 years	54.6	55.7	56.5	56.6	57.5
75 - 79 years	37.8	38.8	40.1	40.6	41.8
80 - 84 years	23.9	24.3	24.7	25.0	25.0
85 years and over	13.2	14.0	14.8	15.5	16.6
<b>Total females</b>	<b>2,033.3</b>	<b>2,072.0</b>	<b>2,118.7</b>	<b>2,167.9</b>	<b>2215.8</b>
Under 1 year	30.1	29.6	29.8	31.8	35.2
1 - 4 years	111.9	115.3	117.9	120.0	124.5
5 - 9 years	133.8	136.3	140.3	144.6	148.5
10 - 14 years	135.4	134.4	133.4	134.2	136.9
15 - 19 years	145.7	143.0	142.0	140.6	139.3
20 - 24 years	167.9	169.5	169.7	172.8	168.4
25 - 29 years	162.5	171.1	183.8	200.4	207.2
30 - 34 years	163.4	167.0	171.9	175.3	181.7
35 - 39 years	151.1	154.4	158.3	162.5	168.1
40 - 44 years	143.5	147.1	149.9	152.2	154.4
45 - 49 years	129.6	132.6	136.8	139.3	142.7
50 - 54 years	118.0	120.2	122.5	125.5	128.0
55 - 59 years	105.4	109.4	111.4	112.5	115.0
60 - 64 years	82.2	85.4	90.2	94.6	98.8
65 - 69 years	70.2	71.7	72.5	72.2	75.2
70 - 74 years	61.1	61.7	62.6	62.6	63.3
75 - 79 years	52.2	52.2	52.3	51.5	51.8
80 - 84 years	39.2	39.7	40.2	40.4	40.1
85 years and over	30.2	31.7	33.2	34.8	36.6

<sup>1</sup>Data for 2007 and 2008 is preliminary

**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
<b>STATE</b>	<b>4,239,848</b>	<b>2,121,171</b>	<b>2,118,677</b>
<b>LEINSTER</b>	<b>2,295,123</b>	<b>1,141,320</b>	<b>1,153,803</b>
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
<b>MUNSTER</b>	<b>1,173,340</b>	<b>589,933</b>	<b>583,407</b>
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
<b>CONNACHT</b>	<b>504,121</b>	<b>254,450</b>	<b>249,671</b>
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
<b>ULSTER (Part of)</b>	<b>267,264</b>	<b>135,468</b>	<b>131,796</b>
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, 1864-2008**

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
1995	48,787	13.55	32,259	8.96	16,528	4.59
1996	50,655	13.97	31,723	8.75	18,932	5.22
1997	52,775	14.40	31,581	8.62	21,194	5.78
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	16.45	28,117	6.48	43,272	9.97
2008	75,173	17.00	28,274	6.39	46,899	10.61

**Table 1.5 Births and deaths by gender, 1864-2008**

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
1995	25,153	23,634	1,064	17,075	15,184	1,124
1996	26,350	24,305	1,084	16,672	15,051	1,108
1997	27,061	25,714	1,052	16,501	15,080	1,094
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

**Table 1.6 Births and deaths by month and quarter of occurrence 1999-2008**

Period	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>Births</b>										
Month ending										
January	4,452	4,467	4,797	4,770	4,979	5,170	4,941	5,074	5,611	6,145
February	4,075	4,267	4,310	4,613	4,552	4,767	4,552	4,774	5,006	5,690
March	4,577	4,584	4,741	5,061	5,239	5,254	5,225	5,428	5,812	6,167
April	4,493	4,460	4,683	4,926	5,121	5,102	4,922	5,100	5,598	6,127
May	4,582	4,677	4,892	5,112	5,405	5,088	5,109	5,585	6,124	6,528
June	4,654	4,589	4,684	4,984	5,199	5,162	5,174	5,556	5,885	6,235
July	4,631	4,745	5,173	5,229	5,453	5,409	5,555	5,652	6,251	6,718
August	4,479	4,652	5,099	5,212	5,171	5,210	5,322	5,862	6,520	6,209
September	4,628	4,680	5,081	5,325	5,289	5,434	5,338	5,837	6,355	6,529
October	4,440	4,656	4,924	5,369	5,296	5,092	5,078	5,622	6,239	6,421
November	4,312	4,566	4,773	4,833	4,793	5,087	5,050	5,520	5,960	5,992
December	4,601	4,446	4,697	5,069	5,032	5,197	5,106	5,415	6,028	6,412
Quarter ending										
March	13,104	13,318	13,848	14,444	14,770	15,191	14,718	15,276	16,429	18,002
June	13,729	13,726	14,259	15,022	15,725	15,352	15,205	16,241	17,607	18,890
September	13,738	14,077	15,353	15,766	15,913	16,053	16,215	17,351	19,126	19,456
December	13,353	13,668	14,394	15,271	15,121	15,376	15,234	16,557	18,227	18,825
Total	53,924	54,789	57,854	60,503	61,529	61,972	61,372	65,425	71,389	75,173
Quarter ending	Equivalent annual birth rate per 1,000 corresponding population									
March	14.0	14.1	14.4	14.7	14.8	15.0	14.2	14.4	15.1	16.3
June	14.7	14.5	14.8	15.3	15.8	15.2	14.7	15.3	16.2	17.1
September	14.7	14.9	16.0	16.1	16.0	15.9	15.7	16.4	17.6	17.6
December	14.3	14.4	15.0	15.6	15.2	15.2	14.7	15.6	16.8	17.0
Total	14.4	14.5	15.0	15.4	15.5	15.3	14.8	15.4	16.5	17.0
<b>Deaths</b>										
Month ending										
January	3,744	3,926	2,909	2,814	2,666	2,893	2,801	2,667	2,652	2,690
February	3,009	2,764	2,529	2,372	2,433	2,466	2,398	2,432	2,545	2,320
March	2,957	2,560	2,872	2,768	2,599	2,542	2,660	2,739	2,578	2,664
April	2,591	2,661	2,525	2,577	2,537	2,383	2,485	2,505	2,399	2,469
May	2,480	2,483	2,493	2,386	2,370	2,284	2,385	2,337	2,177	2,352
June	2,469	2,456	2,262	2,352	2,267	2,245	2,217	2,155	2,207	1,971
July	2,330	2,396	2,426	2,408	2,171	2,198	2,112	2,308	2,228	2,321
August	2,360	2,226	2,306	2,190	2,173	2,187	2,076	2,132	2,205	2,197
September	2,313	2,150	2,293	2,266	2,156	2,118	2,154	2,191	2,079	2,116
October	2,542	2,512	2,388	2,472	2,571	2,409	2,254	2,168	2,266	2,202
November	2,471	2,517	2,425	2,362	2,492	2,343	2,233	2,283	2,197	2,280
December	3,342	2,740	2,784	2,716	2,639	2,597	2,485	2,571	2,584	2,692
Quarter ending										
March	9,710	9,250	8,310	7,954	7,698	7,901	7,859	7,838	7,775	7,674
June	7,540	7,600	7,280	7,315	7,174	6,912	7,087	6,997	6,783	6,792
September	7,003	6,772	7,025	6,864	6,500	6,503	6,342	6,631	6,512	6,634
December	8,355	7,769	7,597	7,550	7,702	7,349	6,972	7,022	7,047	7,174
Total	32,608	31,391	30,212	29,683	29,074	28,665	28,260	28,488	28,117	28,274
Quarter ending	Equivalent annual death rate per 1,000 corresponding population									
March	10.4	9.8	8.6	8.1	7.7	7.8	7.6	7.4	7.2	6.9
June	8.1	8.0	7.6	7.5	7.2	6.8	6.9	6.6	6.3	6.1
September	7.5	7.1	7.3	7.0	6.5	6.4	6.1	6.3	6.0	6.0
December	8.9	8.2	7.9	7.7	7.7	7.3	6.7	6.6	6.5	6.5
Total	8.7	8.3	7.9	7.6	7.3	7.1	6.8	6.7	6.5	6.4

**Table 1.7 Births by date of occurrence, in**

Date of occurrence	January			February			March		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	83	73	156	109	94	203	81	70	151
2nd	110	101	211	86	82	168	76	79	155
3rd	125	130	255	63	80	143	107	92	199
4th	111	114	225	101	99	200	111	112	223
5th	82	88	170	122	118	240	113	110	223
6th	78	83	161	118	114	232	115	117	232
7th	107	99	206	119	109	228	108	113	221
8th	111	104	215	112	112	224	86	97	183
9th	120	78	198	78	61	139	82	73	155
10th	110	105	215	67	70	137	95	116	211
11th	106	112	218	95	91	186	131	108	239
12th	78	69	147	98	89	187	140	103	243
13th	73	67	140	99	106	205	122	105	227
14th	109	109	218	101	104	205	132	108	240
15th	113	119	232	111	87	198	90	73	163
16th	112	110	222	79	67	146	76	81	157
17th	115	98	213	62	66	128	79	76	155
18th	113	100	213	114	88	202	113	114	227
19th	80	86	166	109	120	229	103	124	227
20th	83	82	165	124	110	234	142	101	243
21st	114	84	198	136	117	253	132	103	235
22nd	112	103	215	134	102	236	89	77	166
23rd	123	94	217	80	84	164	75	70	145
24th	110	125	235	68	78	146	70	60	130
25th	106	99	205	104	96	200	106	104	210
26th	76	74	150	107	112	219	112	119	231
27th	66	66	132	110	118	228	121	122	243
28th	106	88	194	90	117	207	95	108	203
29th	121	102	223	101	102	203	84	99	183
30th	124	77	201	-	-	-	71	70	141
31st	113	116	229	-	-	-	98	108	206
<b>Total</b>	<b>3,190</b>	<b>2,955</b>	<b>6,145</b>	<b>2,897</b>	<b>2,793</b>	<b>5,690</b>	<b>3,155</b>	<b>3,012</b>	<b>6,167</b>

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	118	110	228	123	119	242	103	91	194
2nd	134	117	251	93	85	178	121	114	235
3rd	121	103	224	96	69	165	112	117	229
4th	108	118	226	80	77	157	118	124	242
5th	90	94	184	128	119	247	129	101	230
6th	86	80	166	112	123	235	80	79	159
7th	104	91	195	132	118	250	90	59	149
8th	128	106	234	133	128	261	112	117	229
9th	130	121	251	91	81	172	112	135	247
10th	112	119	231	66	65	131	112	118	230
11th	110	115	225	102	100	202	90	124	214
12th	95	89	184	117	101	218	113	97	210
13th	87	80	167	107	100	207	87	86	173
14th	128	96	224	127	110	237	88	74	162
15th	131	126	257	121	104	225	128	97	225
16th	98	99	197	70	89	159	117	107	224
17th	108	140	248	75	76	151	119	126	245
18th	118	99	217	105	99	204	126	114	240
19th	80	84	164	115	118	233	129	135	264
20th	101	71	172	122	107	229	109	79	188
21st	129	97	226	124	113	237	82	88	170
22nd	135	96	231	83	104	187	120	115	235
23rd	122	118	240	92	74	166	129	122	251
24th	133	141	274	62	66	128	140	123	263
25th	114	112	226	105	100	205	128	151	279
26th	84	72	156	109	122	231	139	99	238
27th	79	81	160	98	112	210	98	92	190
28th	126	118	244	108	107	215	91	66	157
29th	101	118	219	118	104	222	104	110	214
30th	136	119	255	76	79	155	125	118	243
31st	111	131	242	78	72	150	-	-	-
<b>Total</b>	<b>3,457</b>	<b>3,261</b>	<b>6,718</b>	<b>3,168</b>	<b>3,041</b>	<b>6,209</b>	<b>3,351</b>	<b>3,178</b>	<b>6,529</b>

**each month during 2008**

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	125	104	229	127	130	257	81	88	169
2nd	106	118	224	124	123	247	84	68	152
3rd	125	122	247	101	86	187	121	108	229
4th	107	109	216	86	83	169	125	103	228
5th	83	69	152	77	69	146	131	111	242
6th	75	70	145	118	109	227	112	115	227
7th	106	92	198	131	114	245	82	99	181
8th	110	117	227	140	132	272	82	70	152
9th	126	116	242	113	111	224	119	92	211
10th	122	104	226	86	89	175	136	117	253
11th	108	121	229	77	76	153	126	119	245
12th	70	77	147	106	98	204	129	109	238
13th	84	74	158	105	110	215	94	91	185
14th	127	84	211	117	111	228	95	68	163
15th	123	120	243	134	106	240	76	62	138
16th	100	101	201	121	115	236	90	94	184
17th	127	105	232	98	78	176	103	136	239
18th	111	104	215	73	71	144	135	120	255
19th	79	81	160	109	106	215	122	135	257
20th	70	62	132	113	116	229	112	103	215
21st	111	107	218	117	128	245	86	93	179
22nd	111	123	234	121	119	240	99	83	182
23rd	119	88	207	100	122	222	124	97	221
24th	132	117	249	83	87	170	98	135	233
25th	101	106	207	86	68	154	122	92	214
26th	96	78	174	112	105	217	111	134	245
27th	72	71	143	107	115	222	122	116	238
28th	115	107	222	129	107	236	70	89	159
29th	119	96	215	125	114	239	84	87	171
30th	113	111	224	108	119	227	109	121	230
31st	-	-	-	101	66	167	-	-	-
<b>Total</b>	<b>3,173</b>	<b>2,954</b>	<b>6,127</b>	<b>3,345</b>	<b>3,183</b>	<b>6,528</b>	<b>3,180</b>	<b>3,055</b>	<b>6,235</b>

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	123	120	243	91	69	160	116	98	214
2nd	130	122	252	71	71	142	138	109	247
3rd	124	107	231	113	105	218	131	124	255
4th	102	67	169	121	113	234	130	109	239
5th	73	69	142	110	106	216	108	112	220
6th	107	114	221	117	119	236	90	81	171
7th	136	132	268	121	120	241	82	79	161
8th	122	113	235	104	80	184	129	104	233
9th	100	112	212	96	68	164	116	105	221
10th	119	108	227	108	115	223	131	111	242
11th	79	80	159	130	123	253	127	121	248
12th	76	75	151	131	107	238	107	91	198
13th	88	102	190	107	119	226	90	78	168
14th	114	134	248	107	86	193	66	62	128
15th	95	105	200	82	85	167	118	100	218
16th	127	118	245	69	58	127	109	145	254
17th	120	111	231	104	107	211	128	115	243
18th	75	73	148	105	110	215	128	129	257
19th	79	83	162	119	101	220	125	108	233
20th	107	98	205	121	119	240	102	90	192
21st	118	132	250	108	110	218	95	80	175
22nd	127	100	227	89	82	171	130	107	237
23rd	127	104	231	72	65	137	114	119	233
24th	118	118	236	113	108	221	84	88	172
25th	81	79	160	114	95	209	67	67	134
26th	88	66	154	115	105	220	69	89	158
27th	82	82	164	120	101	221	77	78	155
28th	116	100	216	111	81	192	82	74	156
29th	126	114	240	91	83	174	115	115	230
30th	106	101	207	56	65	121	108	109	217
31st	94	103	197	-	-	-	96	107	203
<b>Total</b>	<b>3,279</b>	<b>3,142</b>	<b>6,421</b>	<b>3,116</b>	<b>2,876</b>	<b>5,992</b>	<b>3,308</b>	<b>3,104</b>	<b>6,412</b>

**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	31	46	77	41	42	83	42	42	84
2nd	43	49	92	51	43	94	40	39	79
3rd	39	43	82	36	46	82	46	48	94
4th	44	36	80	38	26	64	34	42	76
5th	48	39	87	37	40	77	47	36	83
6th	54	32	86	38	51	89	43	52	95
7th	53	48	101	34	37	71	36	41	77
8th	54	48	102	33	50	83	46	46	92
9th	57	45	102	42	37	79	41	36	77
10th	50	50	100	38	29	67	56	39	95
11th	40	48	88	41	37	78	35	47	82
12th	35	57	92	51	39	90	42	43	85
13th	48	53	101	46	41	87	43	41	84
14th	43	45	88	35	34	69	56	45	101
15th	44	52	96	44	27	71	42	45	87
16th	37	40	77	42	51	93	51	46	97
17th	41	28	69	38	37	75	45	30	75
18th	47	49	96	44	39	83	51	41	92
19th	48	51	99	50	41	91	41	25	66
20th	40	45	85	36	40	76	57	57	114
21st	44	46	90	41	36	77	49	40	89
22nd	38	44	82	35	44	79	39	48	87
23rd	32	33	65	33	37	70	31	42	73
24th	42	35	77	38	38	76	34	41	75
25th	38	48	86	37	39	76	45	42	87
26th	45	39	84	43	33	76	39	48	87
27th	45	41	86	40	45	85	58	36	94
28th	52	36	88	54	38	92	45	39	84
29th	53	30	83	31	56	87	42	43	85
30th	36	32	68	-	-	-	40	48	88
31st	39	42	81	-	-	-	44	36	80
<b>Total</b>	<b>1,360</b>	<b>1,330</b>	<b>2,690</b>	<b>1,167</b>	<b>1,153</b>	<b>2,320</b>	<b>1,360</b>	<b>1,304</b>	<b>2,664</b>

Date of Occurrence	July			August			September		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	36	41	77	38	25	63	40	30	70
2nd	32	44	76	33	36	69	32	29	61
3rd	27	42	69	36	34	70	42	40	82
4th	40	31	71	39	22	61	52	35	87
5th	37	25	62	44	48	92	33	39	72
6th	42	38	80	35	30	65	34	38	72
7th	41	42	83	29	28	57	33	23	56
8th	38	44	82	41	30	71	30	24	54
9th	55	45	100	37	38	75	35	34	69
10th	43	35	78	30	30	60	41	39	80
11th	40	34	74	34	39	73	38	39	77
12th	39	38	77	33	35	68	31	38	69
13th	41	36	77	37	35	72	38	30	68
14th	35	39	74	46	37	83	31	30	61
15th	30	43	73	40	21	61	50	28	78
16th	31	30	61	59	32	91	35	31	66
17th	39	29	68	36	38	74	36	27	63
18th	35	31	66	47	41	88	35	29	64
19th	44	46	90	37	29	66	26	36	62
20th	32	34	66	34	37	71	39	41	80
21st	40	35	75	37	41	78	48	28	76
22nd	43	35	78	29	40	69	29	33	62
23rd	35	29	64	42	49	91	48	38	86
24th	33	36	69	35	28	63	32	34	66
25th	52	38	90	32	25	57	47	40	87
26th	32	29	61	38	26	64	38	30	68
27th	39	41	80	24	33	57	40	30	70
28th	44	38	82	35	45	80	32	34	66
29th	40	42	82	36	23	59	32	41	73
30th	28	29	57	42	37	79	34	37	71
31st	39	40	79	35	35	70	-	-	-
<b>Total</b>	<b>1,182</b>	<b>1,139</b>	<b>2,321</b>	<b>1,150</b>	<b>1,047</b>	<b>2,197</b>	<b>1,111</b>	<b>1,005</b>	<b>2,116</b>

**each month during 2008**

Date of occurrence	April			May			June		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	44	49	93	37	33	70	38	38	76
2nd	41	41	82	47	39	86	24	33	57
3rd	48	35	83	39	43	82	31	41	72
4th	48	46	94	41	59	100	36	35	71
5th	45	47	92	49	42	91	31	38	69
6th	31	29	60	44	46	90	34	31	65
7th	48	39	87	35	35	70	31	29	60
8th	29	37	66	28	31	59	31	36	67
9th	43	34	77	38	41	79	31	33	64
10th	34	47	81	46	40	86	39	31	70
11th	33	35	68	40	42	82	34	35	69
12th	44	39	83	31	33	64	29	26	55
13th	42	48	90	44	37	81	31	28	59
14th	48	46	94	36	41	77	28	22	50
15th	33	53	86	39	38	77	33	30	63
16th	35	36	71	43	39	82	29	24	53
17th	39	30	69	39	31	70	38	33	71
18th	51	46	97	41	27	68	35	32	67
19th	46	38	84	38	33	71	33	32	65
20th	39	38	77	39	30	69	37	36	73
21st	39	45	84	35	46	81	43	35	78
22nd	42	37	79	55	35	90	32	34	66
23rd	41	40	81	32	29	61	36	35	71
24th	47	35	82	37	34	71	35	34	69
25th	48	37	85	28	37	65	26	29	55
26th	50	35	85	32	45	77	25	32	57
27th	50	37	87	37	37	74	34	34	68
28th	43	35	78	31	27	58	29	34	63
29th	41	43	84	38	32	70	33	33	66
30th	36	54	90	41	28	69	43	39	82
31st	-	-	-	34	48	82	-	-	-
<b>Total</b>	<b>1,258</b>	<b>1,211</b>	<b>2,469</b>	<b>1,194</b>	<b>1,158</b>	<b>2,352</b>	<b>989</b>	<b>982</b>	<b>1,971</b>

Date of Occurrence	October			November			December		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
1st	34	34	68	42	34	76	37	43	80
2nd	35	28	63	36	33	69	38	36	74
3rd	36	35	71	36	36	72	28	27	55
4th	35	30	65	32	41	73	46	43	89
5th	39	33	72	53	29	82	43	46	89
6th	41	38	79	33	45	78	45	40	85
7th	42	38	80	33	37	70	33	35	68
8th	42	24	66	29	45	74	35	36	71
9th	34	22	56	34	38	72	34	27	61
10th	33	34	67	30	40	70	41	38	79
11th	35	36	71	35	38	73	43	49	92
12th	36	29	65	41	43	84	51	47	98
13th	38	28	66	50	32	82	34	42	76
14th	42	41	83	43	44	87	57	47	104
15th	35	32	67	33	42	75	39	46	85
16th	34	33	67	38	33	71	46	41	87
17th	27	26	53	31	40	71	53	35	88
18th	42	30	72	40	38	78	36	44	80
19th	43	38	81	30	24	54	40	44	84
20th	36	35	71	30	41	71	36	50	86
21st	45	29	74	32	44	76	49	46	95
22nd	30	30	60	46	47	93	52	54	106
23rd	38	24	62	36	27	63	50	34	84
24th	32	33	65	35	33	68	46	39	85
25th	41	43	84	39	32	71	55	44	99
26th	38	42	80	41	35	76	48	47	95
27th	39	42	81	46	46	92	50	46	96
28th	48	26	74	49	32	81	42	40	82
29th	40	44	84	47	45	92	51	56	107
30th	38	30	68	41	45	86	59	52	111
31st	52	35	87	-	-	-	48	53	101
<b>Total</b>	<b>1,180</b>	<b>1,022</b>	<b>2,202</b>	<b>1,141</b>	<b>1,139</b>	<b>2,280</b>	<b>1,365</b>	<b>1,327</b>	<b>2,692</b>



# Chapter 2

## Births 2008

This report contains upward revisions to the previously published figures for births which occurred in 2008. The data omissions occurred as a result of a data transmission and download issue, which was recently identified by the Central Statistics Office. Measures have been put in place to avoid any such problem arising in the future.

The number of births which occurred in 2008 was 75,173 comprising 38,619 males and 36,554 females. The corresponding total for 2007 was 71,389, 36,487 males and 34,902 females. The birth rate in 2008 was 17.0 per 1,000 of the population, 0.5 per 1,000 above 2007. In the case of multiple births, each child was counted as an individual birth. See table 2.19.

**Table 1** Number of births in Ireland\* and birth rates per 1,000 population in Ireland and neighbouring countries, 1941 to 2008

Period	Numbers of births (in thousands) Ireland*	Birth rate per 1,000 population			
		Ireland*	Northern Ireland	England and Wales	Scotland
1941-1950 <sup>1</sup>	65.0	21.9	22.4	16.9	18.8
1951-1960 <sup>1</sup>	61.7	21.2	21.3	15.8	18.5
1961-1970 <sup>1</sup>	62.4	21.7	22.4	17.5	18.8
1971-1980 <sup>1</sup>	69.4	21.8	18.1	13.2	13.6
1981-1990 <sup>1</sup>	61.6	17.6	17.4	13.2	12.9
1991-2000 <sup>1</sup>	51.6	14.2	14.5	12.6	11.8
1994	48.3	13.5	14.8	12.9	12.0
1995	48.8	13.5	14.5	12.5	11.7
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	16.5	13.9	12.8	11.2
2008	75.2	17.0	14.9	13.0	11.6

\* Exclusive of Northern Ireland.

<sup>1</sup> Average annual number of births and birth rates for decennial periods 1941-2000.

## 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 35% in the past 30 years, from 3.24 in 1978 to 2.10 in 2008. In Ireland, it dropped below the replacement level in 1989 and again in 1991 and remained there until this year. The rate in 2008 was the highest in the last 18 years, since 1990 when it was 2.12. The fertility rate increased across all age-groups of child-bearing age. (See table 2.1).

Ireland had the highest fertility rate of the 27 EU member states in 2008. France and the UK followed with rates of 2.01 and 1.96 respectively. Hungary, Romania and Slovakia had the lowest rates of 1.35, 1.35 and 1.32 respectively.

**Table II Total fertility rates in the European Union, 2008**

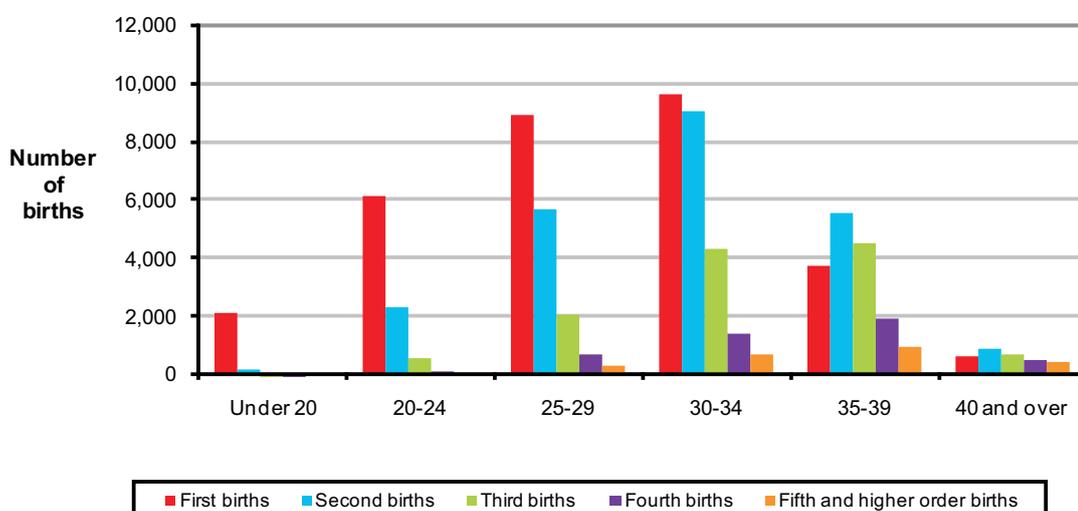
Area of residence	Total fertility rate	Area of Residence	Total fertility rate
<b>European Union (27 countries)</b>	<b>1.60</b>		
Belgium	1.86	Luxembourg	1.61
Bulgaria	1.48	Hungary	1.35
Czech Republic	1.50	Malta	1.44
Denmark	1.89	Netherlands	1.77
Germany	1.38	Austria	1.41
Estonia	1.65	Poland	1.39
<b>Ireland</b>	<b>2.10</b>	Portugal	1.37
Greece	1.51	Romania	1.35
Spain	1.46	Slovenia	1.53
France	2.01	Slovakia	1.32
Italy	1.42	Finland	1.85
Cyprus	1.46	Sweden	1.91
Latvia	1.44	United Kingdom	1.96
Lithuania	1.47		

Source: Eurostat

## Birth Order

A total of 30,913 births (42.0%) were to first time mothers in 2008. Second time mothers had 23,374 births (31.8%) and third time mothers had 12,225 births (16.6%). Mothers who already had three or more live-born children accounted for the remaining 9.5% of births. See table 2.8.

### Live births by mother's age and birth order in 2008



## Age at maternity

In 1978, mothers under 30 years of age accounted for 60.1% of births. The proportion declined fairly steadily to reach 39.2% in 2007 and 39.4% in 2008. In Northern Ireland, in 2008 over half of all mothers were under 30 while in England and Wales, and Scotland, 53% of mothers were aged under 30.

In 2008, over 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 2008 was 31.2 years. In 1958, 50 years earlier, the average age at maternity was somewhat similar at 31.7 years, six months above the 2008 figure, while in 1978, 30 years earlier, the average age was at a low of 28.8 years.

In Northern Ireland, the average age at maternity in 2008 was 30 years, while in England and Wales it was 29.5 and in Scotland it was 29.4 years.

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

Age at maternity	Ireland*				Northern Ireland	England and Wales	Scotland
	1958	1978	2007	2008	2008	2008	2008
Under 20 years	1.5	4.7	3.5	3.2	5.6	6.3	7.1
20-24	13.0	22.8	12.5	12.4	16.6	19.2	18.9
25-29	26.2	32.6	23.2	23.8	27.6	27.2	26.9
30-34	28.8	24.5	34.2	33.8	29.2	27.2	26.7
35-39	22.1	11.7	22.2	22.5	16.7	16.4	16.7
40-44	7.8	3.4	4.2	4.1	3.2	3.5	3.4
45 years and over	0.6	0.3	0.2	0.2	0.1	0.2	0.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Average age at maternity</b>	<b>31.7</b>	<b>28.8</b>	<b>31.1</b>	<b>31.2</b>	<b>30.0</b>	<b>29.5</b>	<b>29.4</b>

\* Exclusive of Northern Ireland

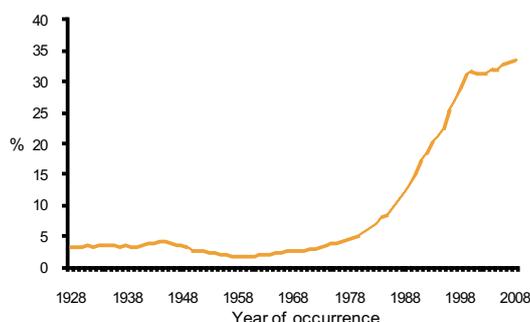
## Births outside marriage

The total number of births outside marriage in 2008 was 25,145. This corresponds to 33.4% of all births, 0.3% higher than 2007.

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.

The highest percentage of births outside marriage occurred in Limerick City at 52% while the county with the lowest percentage was County Roscommon at 23.6%. See table 2.19.

**% of births outside marriage  
1928-2008**

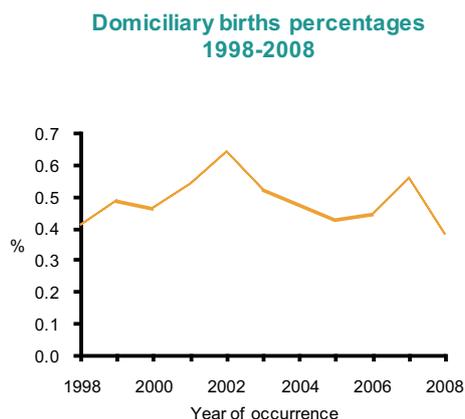


## Multiple births

The number of maternities in 2008 which resulted in multiple live births was 1,352 consisting of 1,319 sets of twins, 32 sets of triplets and one set of quadruplets. This is equivalent to a “twinning rate” of 17.9 (i.e. the number of sets of live twins per 1,000 maternities which resulted in live births). Notably, the twinning rate has increased very significantly over the past 20 years - from 11.8 in 1988 to 17.9 in 2008. See *table 2.18*

## Domiciliary births

There were 286 babies born at home in 2008. This represents a reduction of 28.3% on the 2007 figure when there were 399 domiciliary maternities. Such births have dropped from one in three births in the early 1950’s to almost four in every thousand in 2008. See *table 2.15*.



## Nationality of mother

In 2008, 78% of mothers' were of Irish nationality, 2.4% of UK nationality, 1.3% of EU-15 (excluding Ireland and the UK) nationality, 8.7% of EU-27 (excluding EU-15) nationality and the remaining 9.5% of other nationality. The nationality of the mother was not stated for 0.2% of births.

The average age at maternity differed by nationality of mother in 2008. The highest average age at maternity was for mothers of EU-15 (excluding Ireland and the UK) nationality, 32.6 years, while the lowest was for mothers of EU-27 (excluding EU-15) nationality, 27.4 years. The average age for mothers of Irish nationality was 31.6 years. The differences in average age at maternity can be affected by the age structure of the population for each nationality group. See *table 2.22*.

## 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), 1965-2008**

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	17.8	51.6	82.8	139.3	97.6	19.6	0.8	2.05
2008	17.2	55.2	86.3	140.1	100.6	19.9	1.2	2.10

**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
<b>STATE</b>	<b>16.4</b>	<b>49.5</b>	<b>82.1</b>	<b>130.4</b>	<b>90.8</b>	<b>18.1</b>	<b>0.8</b>	<b>1.94</b>
<b>LEINSTER</b>	<b>18.1</b>	<b>50.3</b>	<b>78.5</b>	<b>125.4</b>	<b>90.4</b>	<b>18.0</b>	<b>0.8</b>	<b>1.91</b>
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
<b>MUNSTER</b>	<b>15.1</b>	<b>48.4</b>	<b>87.3</b>	<b>139.8</b>	<b>91.8</b>	<b>17.7</b>	<b>0.8</b>	<b>2.00</b>
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
<b>CONNACHT</b>	<b>11.9</b>	<b>44.2</b>	<b>80.9</b>	<b>135.6</b>	<b>97.0</b>	<b>20.5</b>	<b>0.8</b>	<b>1.95</b>
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
<b>ULSTER (PART OF)</b>	<b>17.0</b>	<b>57.7</b>	<b>101.2</b>	<b>127.9</b>	<b>78.2</b>	<b>17.2</b>	<b>0.8</b>	<b>2.00</b>
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
<b>REGIONAL AUTHORITIES:</b>								
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 2008**

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
<b>STATE</b>	<b>38,619</b>	<b>36,554</b>	<b>75,173</b>	<b>2,402</b>	<b>9,283</b>	<b>17,876</b>	<b>25,431</b>	<b>16,913</b>	<b>3,077</b>	<b>166</b>	<b>25</b>
<b>LEINSTER</b>	<b>21,833</b>	<b>20,603</b>	<b>42,436</b>	<b>1,414</b>	<b>5,422</b>	<b>10,207</b>	<b>14,104</b>	<b>9,478</b>	<b>1,710</b>	<b>91</b>	<b>10</b>
<b>Carlow</b>	564	521	1,085	25	174	277	365	199	42	2	1
Carlow Town	149	138	287	9	56	81	93	37	11	-	-
Rest of Co. Carlow	415	383	798	16	118	196	272	162	31	2	1
<b>Dublin City</b>	3,989	3,683	7,672	389	1,158	1,895	2,228	1,655	330	15	2
<b>South Dublin</b>	2,399	2,267	4,666	199	755	1,226	1,490	845	146	5	-
<b>Fingal</b>	2,728	2,704	5,432	142	586	1,299	1,953	1,261	179	12	-
<b>Dun Laoghaire Rathdown</b>	1,434	1,297	2,731	47	186	381	1,007	891	204	15	-
<b>Kildare</b>	2,084	1,904	3,988	100	425	962	1,426	915	149	9	2
Athy Town	139	104	243	8	38	71	83	37	6	-	-
Naas Town	257	287	544	11	60	138	164	140	28	3	-
Rest of Co. Kildare	1,688	1,513	3,201	81	327	753	1,179	738	115	6	2
<b>Kilkenny</b>	745	667	1,412	42	148	312	491	348	67	4	-
Kilkenny Borough	126	101	227	13	37	43	88	35	10	1	-
Rest of Co. Kilkenny	619	566	1,185	29	111	269	403	313	57	3	-
<b>Laois</b>	698	664	1,362	56	189	365	429	273	48	2	-
<b>Longford</b>	376	349	725	19	103	198	237	138	28	1	1
Longford Town	65	74	139	4	36	48	29	17	5	-	-
Rest of Co. Longford	311	275	586	15	67	150	208	121	23	1	1
<b>Louth</b>	1,031	957	1,988	85	296	508	643	391	63	2	-
Drogheda Borough	275	251	526	27	95	123	166	94	21	-	-
Dundalk Town	226	193	419	31	76	118	130	52	12	-	-
Rest of Co. Louth	530	513	1,043	27	125	267	347	245	30	2	-
<b>Meath</b>	1,813	1,786	3,599	58	326	870	1,321	864	155	3	2
Kells Town	92	77	169	2	20	43	59	35	8	2	-
Navan Town	239	240	479	16	67	121	163	90	22	-	-
Trim Town	96	78	174	3	23	43	56	33	16	-	-
Rest of Co. Meath	1,386	1,391	2,777	37	216	663	1,043	706	109	1	2
<b>Offaly</b>	646	616	1,262	35	194	344	370	275	41	3	-
Birr Town	48	48	96	5	20	27	24	19	1	-	-
Tullamore Town	160	138	298	8	50	81	81	68	10	-	-
Rest of Co. Offaly	438	430	868	22	124	236	265	188	30	3	-
<b>Westmeath</b>	734	753	1,487	52	200	379	475	314	63	2	2
Athlone Town	104	99	203	11	53	56	51	26	6	-	-
Rest of Co. Westmeath	630	654	1,284	41	147	323	424	288	57	2	2
<b>Wexford</b>	1,273	1,255	2,528	104	405	630	776	505	101	7	-
Enniscorthy Town	104	105	209	12	30	55	73	30	8	1	-
New Ross Town	153	134	287	15	56	71	80	57	8	-	-
Wexford Borough	76	71	147	9	37	44	37	15	5	-	-
Rest of Co. Wexford	940	945	1,885	68	282	460	586	403	80	6	-
<b>Wicklow</b>	1,319	1,180	2,499	61	277	561	893	604	94	9	-
Arklow Town	136	126	262	14	40	80	85	36	7	-	-
Bray Town	220	199	419	12	57	96	141	94	17	2	-
Wicklow Town	75	70	145	2	16	33	55	31	7	1	-
Rest of Co. Wicklow	888	785	1,673	33	164	352	612	443	63	6	-
<b>MUNSTER</b>	<b>10,167</b>	<b>9,748</b>	<b>19,915</b>	<b>586</b>	<b>2,459</b>	<b>4,637</b>	<b>6,857</b>	<b>4,517</b>	<b>817</b>	<b>34</b>	<b>8</b>
<b>Clare</b>	982	859	1,841	54	203	396	641	467	78	2	-
Ennis Town	323	286	609	26	67	136	213	140	26	1	-
Kilrush Town	43	55	98	4	13	24	26	25	6	-	-
Rest of Co. Clare	616	518	1,134	24	123	236	402	302	46	1	-
<b>Cork City</b>	797	813	1,610	76	288	425	481	286	51	3	-
<b>Cork County</b>	3,441	3,359	6,800	130	619	1,493	2,526	1,712	302	14	4
Clonakilty Town	66	88	154	4	19	28	42	46	14	1	-
Cobh Town	143	117	260	13	40	73	79	50	4	-	1
Fermoy Town	80	93	173	7	17	37	58	43	11	-	-
Kinsale Town	83	67	150	1	9	27	63	40	10	-	-
Macroom Town	79	62	141	3	17	35	50	32	4	-	-
Mallow Town	267	252	519	14	63	119	186	118	16	3	-
Midleton Town	153	160	313	5	37	72	117	72	10	-	-
Skibbereen Town	53	47	100	5	8	16	38	29	3	1	-
Youghal Town	77	82	159	9	19	46	47	34	4	-	-
Rest of Co. Cork	2,440	2,391	4,831	69	390	1,040	1,846	1,248	226	9	3
<b>Kerry</b>	1,037	1,027	2,064	56	245	436	722	484	117	3	1
Killarney Town	153	152	305	6	40	71	98	71	18	1	-
Listowel Town	56	47	103	7	20	22	27	18	9	-	-
Tralee Town	119	106	225	7	51	63	55	38	11	-	-
Rest of Co. Kerry	709	722	1,431	36	134	280	542	357	79	2	1
<b>Limerick City</b>	483	452	935	62	206	297	213	138	18	1	-

**Table 2.3 Births by area of residence, sex of infant and age at maternity in 2008 - Continued**

Area of residence	Males	Females	Total	Under 20	20-24	25-29	30-34	35-39	40-44	45 & over	Age not stated
<b>Limerick County</b>	1,144	1,069	2,213	56	251	529	764	535	74	3	1
<b>North Tipperary</b>	627	630	1,257	40	163	286	408	294	64	1	1
Nenagh Town	151	158	309	10	47	72	96	63	19	1	1
Templemore Town	25	23	48	4	12	8	8	15	1	-	-
Thurles Town	99	93	192	7	37	37	61	39	11	-	-
Rest of North Tipperary	352	356	708	19	67	169	243	177	33	-	-
<b>South Tipperary</b>	658	583	1,241	41	200	292	430	232	43	3	-
Carrick-on-Suir Town	69	52	121	3	17	27	43	24	7	-	-
Cashel Town	55	47	102	4	25	18	32	19	4	-	-
Clonmel Borough	134	141	275	15	52	66	78	52	12	-	-
Tipperary Town	40	27	67	2	15	22	16	10	2	-	-
Rest of South Tipperary	360	316	676	17	91	159	261	127	18	3	-
<b>Waterford City</b>	466	428	894	44	176	236	270	140	28	-	-
<b>Waterford County</b>	532	528	1,060	27	108	247	402	229	42	4	1
Dungarvan Town	113	131	244	11	32	65	78	46	11	1	-
Rest of Co. Waterford	419	397	816	16	76	182	324	183	31	3	1
<b>CONNACHT</b>	<b>4,347</b>	<b>4,074</b>	<b>8,421</b>	<b>213</b>	<b>882</b>	<b>1,887</b>	<b>2,964</b>	<b>2,055</b>	<b>391</b>	<b>23</b>	<b>6</b>
<b>Galway City</b>	562	497	1,059	27	153	275	335	219	47	1	2
<b>Galway County</b>	1,593	1,495	3,088	66	267	656	1,154	784	151	9	1
Ballinasloe Town	80	95	175	4	22	38	59	45	7	-	-
Rest of Co. Galway	1,513	1,400	2,913	62	245	618	1,095	739	144	9	1
<b>Leitrim</b>	257	254	511	8	51	137	177	110	26	2	-
<b>Mayo</b>	943	949	1,892	59	211	405	661	459	91	4	2
Ballina Town	119	104	223	17	29	53	73	46	4	-	1
Castlebar Town	103	110	213	2	34	51	65	58	3	-	-
Westport Town	63	51	114	3	12	28	41	25	5	-	-
Rest of Co. Mayo	658	684	1,342	37	136	273	482	330	79	4	1
<b>Roscommon</b>	492	415	907	17	95	199	308	239	44	4	1
<b>Sligo</b>	500	464	964	36	105	215	329	244	32	3	-
Sligo Borough	130	133	263	12	46	62	79	58	6	-	-
Rest of Co. Sligo	370	331	701	24	59	153	250	186	26	3	-
<b>ULSTER (PART OF)</b>	<b>2,272</b>	<b>2,129</b>	<b>4,401</b>	<b>189</b>	<b>520</b>	<b>1,145</b>	<b>1,506</b>	<b>863</b>	<b>159</b>	<b>18</b>	<b>1</b>
<b>Cavan</b>	660	605	1,265	48	152	328	448	236	46	6	1
Cavan Town	102	105	207	12	28	59	66	34	8	-	-
Rest of Co. Cavan	558	500	1,058	36	124	269	382	202	38	6	1
<b>Donegal</b>	1,165	1,090	2,255	113	286	567	737	460	81	11	-
Buncrana Town	37	40	77	1	22	16	20	14	4	-	-
Bundoran Town	25	16	41	5	5	11	12	5	3	-	-
Letterkenny Town	169	156	325	16	59	65	100	72	12	1	-
Rest of Co. Donegal	934	878	1,812	91	200	475	605	369	62	10	-
<b>Monaghan</b>	447	434	881	28	82	250	321	167	32	1	-
Carrickmacross Town	60	61	121	4	8	32	48	26	3	-	-
Castleblaney Town	46	41	87	2	8	32	23	20	2	-	-
Clones Town	15	21	36	1	2	9	18	4	2	-	-
Monaghan Town	54	45	99	7	19	25	25	19	4	-	-
Rest of Co. Monaghan	272	266	538	14	45	152	207	98	21	1	-
Towns and Boroughs	<b>6,124</b>	<b>5,797</b>	<b>11,921</b>	<b>465</b>	<b>1,818</b>	<b>2,937</b>	<b>3,798</b>	<b>2,396</b>	<b>484</b>	<b>20</b>	<b>3</b>
<b>REGIONAL AUTHORITIES:</b>											
Border	4,060	3,804	7,864	318	972	2,005	2,655	1,608	280	25	1
Midland	2,454	2,382	4,836	162	686	1,286	1,511	1,000	180	8	3
West	3,590	3,356	6,946	169	726	1,535	2,458	1,701	333	18	6
Dublin	10,550	9,951	20,501	777	2,685	4,801	6,678	4,652	859	47	2
Mid-East	5,216	4,870	10,086	219	1,028	2,393	3,640	2,383	398	21	4
Mid-West	3,236	3,010	6,246	212	823	1,508	2,026	1,434	234	7	2
South-East	4,238	3,982	8,220	283	1,211	1,994	2,734	1,653	323	20	2
South-West	5,275	5,199	10,474	262	1,152	2,354	3,729	2,482	470	20	5

**Table 2.4 Births by area of residence showing the numbers in each quarter in 2008**

Area of residence	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Year	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<b>STATE</b>	<b>9,242</b>	<b>8,760</b>	<b>9,698</b>	<b>9,192</b>	<b>9,976</b>	<b>9,480</b>	<b>9,703</b>	<b>9,122</b>	<b>38,619</b>	<b>36,554</b>
<b>LEINSTER</b>	<b>5,109</b>	<b>4,911</b>	<b>5,502</b>	<b>5,131</b>	<b>5,675</b>	<b>5,400</b>	<b>5,547</b>	<b>5,161</b>	<b>21,833</b>	<b>20,603</b>
Carlow	144	132	143	129	149	136	128	124	564	521
Dublin City	890	874	1,020	907	1,071	995	1,008	907	3,989	3,683
South Dublin	584	526	566	585	632	605	617	551	2,399	2,267
Fingal	628	635	689	684	728	694	683	691	2,728	2,704
Dun Laoghaire Rathdown	327	291	352	344	370	355	385	307	1,434	1,297
Kildare	505	462	517	472	544	475	518	495	2,084	1,904
Kilkenny	189	138	187	181	195	166	174	182	745	667
Laois	176	166	185	164	151	161	186	173	698	664
Longford	99	84	95	83	96	88	86	94	376	349
Louth	221	232	290	217	259	267	261	241	1,031	957
Meath	432	425	436	437	471	480	474	444	1,813	1,786
Offaly	147	126	176	166	164	153	159	171	646	616
Westmeath	163	209	183	186	172	193	216	165	734	753
Wexford	304	301	324	333	347	325	298	296	1,273	1,255
Wicklow	300	310	339	243	326	307	354	320	1,319	1,180
<b>MUNSTER</b>	<b>2,489</b>	<b>2,322</b>	<b>2,552</b>	<b>2,474</b>	<b>2,634</b>	<b>2,529</b>	<b>2,492</b>	<b>2,423</b>	<b>10,167</b>	<b>9,748</b>
Clare	251	208	232	221	258	208	241	222	982	859
Cork City	189	181	221	235	196	228	191	169	797	813
Cork County	843	793	828	851	882	873	888	842	3,441	3,359
Kerry	255	260	259	248	288	245	235	274	1,037	1,027
Limerick City	122	109	112	112	131	118	118	113	483	452
Limerick County	281	280	314	252	286	273	263	264	1,144	1,069
North Tipperary	166	136	159	163	160	169	142	162	627	630
South Tipperary	143	142	161	157	191	143	163	141	658	583
Waterford City	111	90	120	98	112	132	123	108	466	428
Waterford County	128	123	146	137	130	140	128	128	532	528
<b>CONNACHT</b>	<b>1,067</b>	<b>998</b>	<b>1,091</b>	<b>1,050</b>	<b>1,090</b>	<b>1,007</b>	<b>1,099</b>	<b>1,019</b>	<b>4,347</b>	<b>4,074</b>
Galway City	150	120	134	127	145	134	133	116	562	497
Galway County	377	362	409	414	396	349	411	370	1,593	1,495
Leitrim	61	58	64	62	63	59	69	75	257	254
Mayo	212	247	259	222	231	239	241	241	943	949
Roscommon	129	101	113	100	124	105	126	109	492	415
Sligo	138	110	112	125	131	121	119	108	500	464
<b>ULSTER (PART OF)</b>	<b>577</b>	<b>529</b>	<b>553</b>	<b>537</b>	<b>577</b>	<b>544</b>	<b>565</b>	<b>519</b>	<b>2,272</b>	<b>2,129</b>
Cavan	157	152	163	145	175	163	165	145	660	605
Donegal	290	280	290	273	296	269	289	268	1,165	1,090
Monaghan	130	97	100	119	106	112	111	106	447	434
<b>REGIONAL AUTHORITIES:</b>										
Border	997	929	1,019	941	1,030	991	1,014	943	4,060	3,804
Midland	585	585	639	599	583	595	647	603	2,454	2,382
West	868	830	915	863	896	827	911	836	3,590	3,356
Dublin	2,429	2,326	2,627	2,520	2,801	2,649	2,693	2,456	10,550	9,951
Mid-East	1,237	1,197	1,292	1,152	1,341	1,262	1,346	1,259	5,216	4,870
Mid-West	820	733	817	748	835	768	764	761	3,236	3,010
South-East	1,019	926	1,081	1,035	1,124	1,042	1,014	979	4,238	3,982
South-West	1,287	1,234	1,308	1,334	1,366	1,346	1,314	1,285	5,275	5,199

**Table 2.5 Births in 2008, 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
<b>All ages</b>	<b>75,173</b>	<b>38,619</b>	<b>36,554</b>	<b>25,145</b>	<b>12,905</b>	<b>12,240</b>
<b>15 and under</b>	<b>44</b>	<b>25</b>	<b>19</b>	<b>44</b>	<b>25</b>	<b>19</b>
16	170	81	89	168	80	88
17	378	187	191	358	179	179
18	698	352	346	650	331	319
19	1,112	606	506	1,000	543	457
<b>Under 20</b>	<b>2,402</b>	<b>1,251</b>	<b>1,151</b>	<b>2,220</b>	<b>1,158</b>	<b>1,062</b>
20	1,357	702	655	1,158	588	570
21	1,674	891	783	1,391	741	650
22	1,832	959	873	1,439	769	670
23	2,075	1,060	1,015	1,550	803	747
24	2,345	1,198	1,147	1,571	799	772
<b>20-24</b>	<b>9,283</b>	<b>4,810</b>	<b>4,473</b>	<b>7,109</b>	<b>3,700</b>	<b>3,409</b>
25	2,671	1,409	1,262	1,599	855	744
26	3,152	1,557	1,595	1,684	813	871
27	3,555	1,841	1,714	1,574	811	763
28	4,072	2,087	1,985	1,492	757	735
29	4,426	2,264	2,162	1,314	659	655
<b>25-29</b>	<b>17,876</b>	<b>9,158</b>	<b>8,718</b>	<b>7,663</b>	<b>3,895</b>	<b>3,768</b>
30	4,892	2,528	2,364	1,254	628	626
31	5,101	2,613	2,488	1,095	566	529
32	5,272	2,679	2,593	943	470	473
33	5,181	2,674	2,507	826	438	388
34	4,985	2,574	2,411	752	394	358
<b>30-34</b>	<b>25,431</b>	<b>13,068</b>	<b>12,363</b>	<b>4,870</b>	<b>2,496</b>	<b>2,374</b>
35	4,694	2,419	2,275	712	360	352
36	4,017	2,029	1,988	614	295	319
37	3,458	1,775	1,683	529	273	256
38	2,669	1,363	1,306	435	224	211
39	2,075	1,051	1,024	320	159	161
<b>35-39</b>	<b>16,913</b>	<b>8,637</b>	<b>8,276</b>	<b>2,610</b>	<b>1,311</b>	<b>1,299</b>
40	1,318	671	647	256	124	132
41	850	460	390	167	88	79
42	507	263	244	123	70	53
43	266	131	135	65	33	32
44	136	72	64	22	9	13
<b>40-44</b>	<b>3,077</b>	<b>1,597</b>	<b>1,480</b>	<b>633</b>	<b>324</b>	<b>309</b>
<b>45 and over</b>	<b>166</b>	<b>86</b>	<b>80</b>	<b>31</b>	<b>18</b>	<b>13</b>
Age not stated	25	12	13	9	3	6

**Table 2.6 Total births in 2008 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
<b>STATE</b>	<b>1,251</b>	<b>1,151</b>	<b>4,810</b>	<b>4,473</b>	<b>9,158</b>	<b>8,718</b>	<b>13,068</b>	<b>12,363</b>	<b>8,637</b>	<b>8,276</b>	<b>1,597</b>	<b>1,480</b>	<b>86</b>	<b>80</b>	<b>12</b>	<b>13</b>
<b>LEINSTER</b>	<b>738</b>	<b>676</b>	<b>2,833</b>	<b>2,589</b>	<b>5,221</b>	<b>4,986</b>	<b>7,292</b>	<b>6,812</b>	<b>4,823</b>	<b>4,655</b>	<b>875</b>	<b>835</b>	<b>46</b>	<b>45</b>	<b>5</b>	<b>5</b>
Carlow	14	11	88	86	145	132	200	165	94	105	20	22	2	-	1	-
Dublin City	205	184	620	538	972	923	1,147	1,081	855	800	186	144	4	11	-	2
South Dublin	102	97	393	362	621	605	753	737	450	395	77	69	3	2	-	-
Fingal	73	69	296	290	663	636	995	958	617	644	77	102	7	5	-	-
Dun Laoghaire Rathdown	27	20	87	99	197	184	523	484	484	407	109	95	7	8	-	-
Kildare	47	53	229	196	516	446	753	673	455	460	78	71	4	5	2	-
Kilkenny	21	21	83	65	157	155	273	218	179	169	30	37	2	2	-	-
Laois	35	21	98	91	183	182	217	212	141	132	22	26	2	-	-	-
Longford	8	11	50	53	97	101	125	112	77	61	17	11	1	-	1	-
Louth	45	40	167	129	258	250	338	305	193	198	29	34	1	1	-	-
Meath	34	24	160	166	434	436	663	658	442	422	79	76	1	2	-	2
Offaly	20	15	100	94	166	178	195	175	140	135	23	18	2	1	-	-
Westmeath	28	24	98	102	190	189	246	229	138	176	32	31	1	1	1	1
Wexford	52	52	208	197	327	303	392	384	244	261	47	54	3	4	-	-
Wicklow	27	34	156	121	295	266	472	421	314	290	49	45	6	3	-	-
<b>MUNSTER</b>	<b>303</b>	<b>283</b>	<b>1,246</b>	<b>1,213</b>	<b>2,322</b>	<b>2,315</b>	<b>3,516</b>	<b>3,341</b>	<b>2,322</b>	<b>2,195</b>	<b>436</b>	<b>381</b>	<b>19</b>	<b>15</b>	<b>3</b>	<b>5</b>
Clare	27	27	98	105	205	191	354	287	263	204	34	44	1	1	-	-
Cork City	41	35	153	135	206	219	228	253	134	152	33	18	2	1	-	-
Cork County	65	65	308	311	740	753	1,267	1,259	891	821	162	140	7	7	1	3
Kerry	33	23	127	118	217	219	358	364	230	254	69	48	3	-	-	1
Limerick City	35	27	116	90	139	158	110	103	76	62	7	11	-	1	-	-
Limerick County	27	29	124	127	267	262	404	360	278	257	41	33	2	1	1	-
North Tipperary	21	19	78	85	151	135	211	197	139	155	26	38	-	1	1	-
South Tipperary	20	21	108	92	153	139	229	201	123	109	23	20	2	1	-	-
Waterford City	23	21	79	97	118	118	155	115	75	65	16	12	-	-	-	-
Waterford County	11	16	55	53	126	121	200	202	113	116	25	17	2	2	-	1
<b>CONNACHT</b>	<b>102</b>	<b>111</b>	<b>462</b>	<b>420</b>	<b>1,000</b>	<b>887</b>	<b>1,522</b>	<b>1,442</b>	<b>1,051</b>	<b>1,004</b>	<b>199</b>	<b>192</b>	<b>8</b>	<b>15</b>	<b>3</b>	<b>3</b>
Galway City	16	11	76	77	152	123	181	154	114	105	21	26	1	-	1	1
Galway County	32	34	127	140	356	300	579	575	411	373	85	66	3	6	-	1
Leitrim	2	6	29	22	76	61	88	89	52	58	10	16	-	2	-	-
Mayo	25	34	117	94	202	203	337	324	215	244	45	46	1	3	1	1
Roscommon	11	6	50	45	108	91	171	137	126	113	23	21	2	2	1	-
Sligo	16	20	63	42	106	109	166	163	133	111	15	17	1	2	-	-
<b>ULSTER (PART OF)</b>	<b>108</b>	<b>81</b>	<b>269</b>	<b>251</b>	<b>615</b>	<b>530</b>	<b>738</b>	<b>768</b>	<b>441</b>	<b>422</b>	<b>87</b>	<b>72</b>	<b>13</b>	<b>5</b>	<b>1</b>	<b>-</b>
Cavan	28	20	86	66	184	144	219	229	115	121	23	23	4	2	1	-
Donegal	69	44	140	146	299	268	364	373	242	218	42	39	9	2	-	-
Monaghan	11	17	43	39	132	118	155	166	84	83	22	10	-	1	-	-
<b>REGIONAL AUTHORITIES:</b>																
Border	171	147	528	444	1,055	950	1,330	1,325	819	789	141	139	15	10	1	-
Midland	91	71	346	340	636	650	783	728	496	504	94	86	6	2	2	1
West	84	85	370	356	818	717	1,268	1,190	866	835	174	159	7	11	3	3
Dublin	407	370	1,396	1,289	2,453	2,348	3,418	3,260	2,406	2,246	449	410	21	26	-	2
Mid-East	108	111	545	483	1,245	1,148	1,888	1,752	1,211	1,172	206	192	11	10	2	2
Mid-West	110	102	416	407	762	746	1,079	947	756	678	108	126	3	4	2	-
South-East	141	142	621	590	1,026	968	1,449	1,285	828	825	161	162	11	9	1	1
South-West	139	123	588	564	1,163	1,191	1,853	1,876	1,255	1,227	264	206	12	8	1	4

**Table 2.7 Births outside marriage in 2008 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
<b>STATE</b>	<b>4,858</b>	<b>4,471</b>	<b>3,895</b>	<b>3,768</b>	<b>2,496</b>	<b>2,374</b>	<b>1,311</b>	<b>1,299</b>	<b>342</b>	<b>322</b>	<b>3</b>	<b>6</b>	<b>12,905</b>	<b>12,240</b>
<b>LEINSTER</b>	<b>2,882</b>	<b>2,605</b>	<b>2,343</b>	<b>2,263</b>	<b>1,502</b>	<b>1,413</b>	<b>792</b>	<b>795</b>	<b>223</b>	<b>193</b>	<b>-</b>	<b>3</b>	<b>7,742</b>	<b>7,272</b>
Carlow	75	77	60	57	42	39	11	17	2	8	-	-	190	198
Dublin City	681	594	547	473	324	354	203	199	67	49	-	1	1,822	1,670
South Dublin	404	377	274	301	186	178	91	73	32	18	-	-	987	947
Fingal	277	264	285	280	161	172	102	103	17	30	-	-	842	849
Dun Laoghaire Rathdown	100	100	82	87	97	62	57	56	17	15	-	-	353	320
Kildare	225	193	208	193	138	123	56	72	18	10	-	-	645	591
Kilkenny	83	69	64	57	37	28	26	24	4	6	-	-	214	184
Laois	106	91	73	69	40	30	25	13	2	6	-	-	246	209
Longford	37	42	25	34	18	19	13	8	2	3	-	-	95	106
Louth	179	137	121	125	72	74	29	27	8	10	-	-	409	373
Meath	151	149	174	156	120	100	55	57	18	13	-	1	518	476
Offaly	94	84	63	67	41	26	14	16	2	2	-	-	214	195
Westmeath	99	93	75	86	50	36	19	24	8	6	-	1	251	246
Wexford	220	204	150	160	88	86	48	52	12	9	-	-	518	511
Wicklow	151	131	142	118	88	86	43	54	14	8	-	-	438	397
<b>MUNSTER</b>	<b>1,264</b>	<b>1,206</b>	<b>976</b>	<b>1,005</b>	<b>640</b>	<b>577</b>	<b>316</b>	<b>291</b>	<b>71</b>	<b>78</b>	<b>-</b>	<b>3</b>	<b>3,267</b>	<b>3,160</b>
Clare	98	104	79	79	46	41	38	21	11	13	-	-	272	258
Cork City	163	140	102	128	72	71	35	36	5	7	-	-	377	382
Cork County	315	294	267	265	188	163	103	72	21	29	-	2	894	825
Kerry	122	114	86	96	66	73	32	44	12	6	-	-	318	333
Limerick City	123	92	76	84	43	30	20	14	-	4	-	-	262	224
Limerick County	114	120	95	112	64	44	29	30	5	5	-	-	307	311
North Tipperary	81	89	59	58	37	34	13	18	4	6	-	-	194	205
South Tipperary	108	101	76	61	41	39	15	21	6	6	-	-	246	228
Waterford City	83	91	72	64	49	32	14	17	3	1	-	-	221	205
Waterford County	57	61	64	58	34	50	17	18	4	1	-	1	176	189
<b>CONNACHT</b>	<b>411</b>	<b>393</b>	<b>348</b>	<b>323</b>	<b>226</b>	<b>244</b>	<b>132</b>	<b>137</b>	<b>28</b>	<b>34</b>	<b>2</b>	<b>-</b>	<b>1,147</b>	<b>1,131</b>
Galway City	59	47	68	52	41	46	22	18	4	4	1	-	195	167
Galway County	124	130	123	104	70	83	44	39	10	11	-	-	371	367
Leitrim	20	22	22	21	11	11	3	11	1	4	-	-	57	69
Mayo	104	96	59	79	56	65	24	41	7	7	1	-	251	288
Roscommon	43	42	35	26	21	13	17	14	2	1	-	-	118	96
Sligo	61	56	41	41	27	26	22	14	4	7	-	-	155	144
<b>ULSTER (PART OF)</b>	<b>301</b>	<b>267</b>	<b>228</b>	<b>177</b>	<b>128</b>	<b>140</b>	<b>71</b>	<b>76</b>	<b>20</b>	<b>17</b>	<b>1</b>	<b>-</b>	<b>749</b>	<b>677</b>
Cavan	82	62	63	43	43	39	17	21	5	2	1	-	211	167
Donegal	176	158	114	96	63	74	41	37	13	11	-	-	407	376
Monaghan	43	47	51	38	22	27	13	18	2	4	-	-	131	134
<b>REGIONAL AUTHORITIES:</b>														
Border	561	482	412	364	238	251	125	128	33	38	1	-	1,370	1,263
Midland	336	310	236	256	149	111	71	61	14	17	-	1	806	756
West	330	315	285	261	188	207	107	112	23	23	2	-	935	918
Dublin	1,462	1,335	1,188	1,141	768	766	453	431	133	112	-	1	4,004	3,786
Mid-East	527	473	524	467	346	309	154	183	50	31	-	1	1,601	1,464
Mid-West	416	405	309	333	190	149	100	83	20	28	-	-	1,035	998
South-East	626	603	486	457	291	274	131	149	31	31	-	1	1,565	1,515
South-West	600	548	455	489	326	307	170	152	38	42	-	2	1,589	1,540

**Table 2.8 Total births in 2008, 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
<b>All ages</b>	<b>75,173</b>	<b>31,431</b>	<b>23,750</b>	<b>12,401</b>	<b>4,705</b>	<b>1,512</b>	<b>488</b>	<b>214</b>	<b>110</b>	<b>52</b>	<b>16</b>	<b>18</b>	<b>476</b>
<b>15 and under</b>	<b>44</b>	<b>42</b>	<b>2</b>	-	-	-	-	-	-	-	-	-	-
16	170	160	9	-	-	-	-	-	-	-	-	-	1
17	378	356	21	1	-	-	-	-	-	-	-	-	-
18	698	630	61	5	-	-	-	-	-	-	-	-	2
19	1,112	977	119	8	3	-	-	-	-	-	-	-	5
<b>Under 20</b>	<b>2,402</b>	<b>2,165</b>	<b>212</b>	<b>14</b>	<b>3</b>	-	-	-	-	-	-	-	<b>8</b>
20	1,357	1,081	232	36	5	-	-	-	-	-	-	-	3
21	1,674	1,242	345	68	11	1	-	-	-	-	-	-	7
22	1,832	1,249	419	125	27	4	2	-	-	-	-	-	6
23	2,075	1,250	607	168	24	8	1	1	-	-	-	-	16
24	2,345	1,319	709	228	59	14	4	1	-	-	-	-	11
<b>20-24</b>	<b>9,283</b>	<b>6,141</b>	<b>2,312</b>	<b>625</b>	<b>126</b>	<b>27</b>	<b>7</b>	<b>2</b>	-	-	-	-	<b>43</b>
25	2,671	1,445	862	249	69	27	3	-	1	-	-	-	15
26	3,152	1,653	995	343	108	29	1	4	-	-	-	-	19
27	3,555	1,791	1,079	459	138	48	17	4	-	-	-	-	19
28	4,072	1,982	1,306	471	199	68	13	6	1	-	-	-	26
29	4,426	2,104	1,444	576	175	65	26	9	2	1	-	-	24
<b>25-29</b>	<b>17,876</b>	<b>8,975</b>	<b>5,686</b>	<b>2,098</b>	<b>689</b>	<b>237</b>	<b>60</b>	<b>23</b>	<b>4</b>	<b>1</b>	-	-	<b>103</b>
30	4,892	2,211	1,675	622	248	70	22	13	5	-	1	-	25
31	5,101	2,209	1,700	767	257	95	24	11	3	-	-	-	35
32	5,272	2,056	1,860	872	303	73	41	16	10	4	-	-	37
33	5,181	1,734	1,945	1,018	292	90	29	14	11	1	2	-	45
34	4,985	1,476	1,897	1,088	343	94	30	14	8	2	2	-	31
<b>30-34</b>	<b>25,431</b>	<b>9,686</b>	<b>9,077</b>	<b>4,367</b>	<b>1,443</b>	<b>422</b>	<b>146</b>	<b>68</b>	<b>37</b>	<b>7</b>	<b>5</b>	-	<b>173</b>
35	4,694	1,233	1,655	1,172	424	111	29	11	11	6	1	3	38
36	4,017	937	1,375	1,035	426	133	44	16	12	6	2	-	31
37	3,458	726	1,088	1,000	423	119	34	17	12	5	-	4	30
38	2,669	502	845	776	339	117	37	20	10	8	1	4	10
39	2,075	393	588	576	329	115	32	11	5	7	1	1	17
<b>35-39</b>	<b>16,913</b>	<b>3,791</b>	<b>5,551</b>	<b>4,559</b>	<b>1,941</b>	<b>595</b>	<b>176</b>	<b>75</b>	<b>50</b>	<b>32</b>	<b>5</b>	<b>12</b>	<b>126</b>
40	1,318	254	368	339	210	88	27	9	6	4	2	3	8
41	850	173	227	195	139	65	25	13	3	1	-	1	8
42	507	98	150	100	83	34	23	12	1	2	2	1	1
43	266	54	77	48	39	22	8	6	5	3	1	-	3
44	136	32	42	17	18	12	7	4	1	-	1	-	2
<b>40-44</b>	<b>3,077</b>	<b>611</b>	<b>864</b>	<b>699</b>	<b>489</b>	<b>221</b>	<b>90</b>	<b>44</b>	<b>16</b>	<b>10</b>	<b>6</b>	<b>5</b>	<b>22</b>
<b>45 and over</b>	<b>166</b>	<b>51</b>	<b>41</b>	<b>35</b>	<b>12</b>	<b>9</b>	<b>9</b>	<b>2</b>	<b>3</b>	<b>2</b>	-	<b>1</b>	<b>1</b>
Age not stated	25	11	7	4	2	1	-	-	-	-	-	-	-

**Table 2.9 Births outside marriage in 2008, 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
<b>All ages</b>	<b>25,145</b>	<b>13,716</b>	<b>6,823</b>	<b>2,711</b>	<b>1,036</b>	<b>450</b>	<b>158</b>	<b>65</b>	<b>31</b>	<b>15</b>	<b>5</b>	<b>2</b>	<b>133</b>
<b>15 and under</b>	<b>44</b>	<b>42</b>	<b>2</b>	-	-	-	-	-	-	-	-	-	-
16	168	158	9	-	-	-	-	-	-	-	-	-	1
17	358	340	17	1	-	-	-	-	-	-	-	-	-
18	650	585	58	5	-	-	-	-	-	-	-	-	2
19	1,000	884	101	7	3	-	-	-	-	-	-	-	5
<b>Under 20</b>	<b>2,220</b>	<b>2,009</b>	<b>187</b>	<b>13</b>	<b>3</b>	-	-	-	-	-	-	-	<b>8</b>
20	1,158	935	189	28	4	-	-	-	-	-	-	-	2
21	1,391	1,063	270	49	5	1	-	-	-	-	-	-	3
22	1,439	1,017	308	89	18	3	2	-	-	-	-	-	2
23	1,550	975	434	112	14	5	1	-	-	-	-	-	9
24	1,571	884	502	135	34	7	3	1	-	-	-	-	5
<b>20-24</b>	<b>7,109</b>	<b>4,874</b>	<b>1,703</b>	<b>413</b>	<b>75</b>	<b>16</b>	<b>6</b>	<b>1</b>	-	-	-	-	<b>21</b>
25	1,599	880	525	130	37	17	2	-	1	-	-	-	7
26	1,684	865	553	190	51	15	-	1	-	-	-	-	9
27	1,574	792	477	210	62	18	7	3	-	-	-	-	5
28	1,492	690	470	184	85	39	8	2	1	-	-	-	13
29	1,314	578	431	198	61	25	12	1	1	-	-	-	7
<b>25-29</b>	<b>7,663</b>	<b>3,805</b>	<b>2,456</b>	<b>912</b>	<b>296</b>	<b>114</b>	<b>29</b>	<b>7</b>	<b>3</b>	-	-	-	<b>41</b>
30	1,254	548	406	177	82	21	8	5	1	-	-	-	6
31	1,095	445	341	176	70	42	9	2	-	-	-	-	10
32	943	391	274	143	79	22	17	5	4	-	-	-	8
33	826	304	276	149	48	22	9	3	5	-	1	-	9
34	752	285	231	139	57	22	8	4	-	1	-	-	5
<b>30-34</b>	<b>4,870</b>	<b>1,973</b>	<b>1,528</b>	<b>784</b>	<b>336</b>	<b>129</b>	<b>51</b>	<b>19</b>	<b>10</b>	<b>1</b>	<b>1</b>	-	<b>38</b>
35	712	241	205	146	70	26	9	2	3	1	-	-	9
36	614	208	181	98	67	38	13	3	3	1	1	-	1
37	529	175	154	98	49	27	13	6	3	1	-	-	3
38	435	131	133	79	39	30	9	6	2	4	1	1	-
39	320	109	94	50	33	20	5	3	2	2	-	-	2
<b>35-39</b>	<b>2,610</b>	<b>864</b>	<b>767</b>	<b>471</b>	<b>258</b>	<b>141</b>	<b>49</b>	<b>20</b>	<b>13</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>15</b>
40	256	66	80	61	17	18	5	2	3	-	1	-	3
41	167	51	47	16	25	12	5	5	-	1	-	1	4
42	123	33	27	22	17	9	7	5	1	1	1	-	-
43	65	21	14	10	3	5	3	5	-	2	-	-	2
44	22	4	9	2	3	2	-	1	1	-	-	-	-
<b>40-44</b>	<b>633</b>	<b>175</b>	<b>177</b>	<b>111</b>	<b>65</b>	<b>46</b>	<b>20</b>	<b>18</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>9</b>
<b>45 and over</b>	<b>31</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>3</b>	-	-	<b>1</b>	-	-	<b>1</b>
Age not stated	9	6	1	2	-	-	-	-	-	-	-	-	-

**Table 2.10 Births within marriage in 2008, 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												
		2008	2007	2006	2005	2004	2003	2002	2001	2000	1995-1999	1990-1994	1989 & earlier	Not stated
<b>All ages</b>	<b>50,028</b>	<b>1,129</b>	<b>6,952</b>	<b>6,572</b>	<b>5,923</b>	<b>5,223</b>	<b>4,426</b>	<b>3,756</b>	<b>3,074</b>	<b>2,523</b>	<b>5,683</b>	<b>1,239</b>	<b>231</b>	<b>3,297</b>
<b>15 and under</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	2	-	2	-	-	-	-	-	-	-	-	-	-	-
17	20	2	11	3	-	-	-	-	-	-	-	-	-	4
18	48	8	26	4	2	-	-	-	-	-	-	-	-	8
19	112	20	52	19	8	2	-	-	-	-	-	-	-	11
<b>Under 20</b>	<b>182</b>	<b>30</b>	<b>91</b>	<b>26</b>	<b>10</b>	<b>2</b>	-	-	-	-	-	-	-	<b>23</b>
20	199	36	78	30	27	6	1	-	-	-	-	-	-	21
21	283	41	85	59	38	25	6	1	2	-	-	-	-	26
22	393	60	107	59	57	31	22	6	4	-	-	-	-	47
23	525	57	137	71	78	51	45	19	10	1	1	-	-	55
24	774	53	231	142	92	64	53	43	27	8	2	-	-	59
<b>20-24</b>	<b>2,174</b>	<b>247</b>	<b>638</b>	<b>361</b>	<b>292</b>	<b>177</b>	<b>127</b>	<b>69</b>	<b>43</b>	<b>9</b>	<b>3</b>	-	-	<b>208</b>
25	1,072	70	325	223	130	84	60	44	33	16	9	-	-	78
26	1,468	63	426	312	201	124	92	55	38	30	22	-	-	105
27	1,981	97	489	415	304	201	129	78	59	47	50	-	-	112
28	2,580	94	599	545	380	290	189	124	78	52	81	-	-	148
29	3,112	61	671	610	528	374	257	182	98	56	103	1	-	171
<b>25-29</b>	<b>10,213</b>	<b>385</b>	<b>2,510</b>	<b>2,105</b>	<b>1,543</b>	<b>1,073</b>	<b>727</b>	<b>483</b>	<b>306</b>	<b>201</b>	<b>265</b>	<b>1</b>	-	<b>614</b>
30	3,638	70	632	689	572	438	352	253	160	103	162	9	-	198
31	4,006	62	575	691	624	523	429	299	209	152	187	19	-	236
32	4,329	52	562	627	581	550	489	415	297	195	267	23	-	271
33	4,355	46	443	502	544	590	461	437	323	277	405	48	3	276
34	4,233	50	413	405	478	484	426	401	400	327	549	65	1	234
<b>30-34</b>	<b>20,561</b>	<b>280</b>	<b>2,625</b>	<b>2,914</b>	<b>2,799</b>	<b>2,585</b>	<b>2,157</b>	<b>1,805</b>	<b>1,389</b>	<b>1,054</b>	<b>1,570</b>	<b>164</b>	<b>4</b>	<b>1,215</b>
35	3,982	40	325	359	365	408	404	396	345	288	667	86	6	293
36	3,403	50	230	230	296	312	307	298	311	286	735	100	8	240
37	2,929	22	185	187	200	259	232	255	251	247	730	137	21	203
38	2,234	18	123	156	152	164	166	164	184	158	590	179	17	163
39	1,755	18	96	92	99	85	127	133	114	136	503	190	26	136
<b>35-39</b>	<b>14,303</b>	<b>148</b>	<b>959</b>	<b>1,024</b>	<b>1,112</b>	<b>1,228</b>	<b>1,236</b>	<b>1,246</b>	<b>1,205</b>	<b>1,115</b>	<b>3,225</b>	<b>692</b>	<b>78</b>	<b>1,035</b>
40	1,062	11	62	59	72	69	67	67	52	64	297	140	32	70
41	683	12	27	43	49	35	46	39	36	38	171	98	31	58
42	384	4	18	14	24	29	34	21	18	21	67	68	32	34
43	201	5	14	9	6	4	16	10	13	8	38	44	20	14
44	114	2	3	8	8	10	6	5	8	3	19	15	14	13
<b>40-44</b>	<b>2,444</b>	<b>34</b>	<b>124</b>	<b>133</b>	<b>159</b>	<b>147</b>	<b>169</b>	<b>142</b>	<b>127</b>	<b>134</b>	<b>592</b>	<b>365</b>	<b>129</b>	<b>189</b>
<b>45 and over</b>	<b>135</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>4</b>	<b>9</b>	<b>27</b>	<b>17</b>	<b>19</b>	<b>11</b>
Age not stated	16	-	2	5	1	1	1	1	-	1	1	-	1	2

**Table 2.11 First births within marriage in 2008, 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												
		2008	2007	2006	2005	2004	2003	2002	2001	2000	1995-1999	1990-1994	1989 & earlier	Not stated
<b>All ages</b>	<b>17,715</b>	<b>788</b>	<b>4,995</b>	<b>4,297</b>	<b>2,599</b>	<b>1,486</b>	<b>871</b>	<b>546</b>	<b>330</b>	<b>226</b>	<b>358</b>	<b>66</b>	<b>10</b>	<b>1,143</b>
<b>15 and under</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	2	-	2	-	-	-	-	-	-	-	-	-	-	-
17	16	2	9	1	-	-	-	-	-	-	-	-	-	4
18	45	8	26	3	-	-	-	-	-	-	-	-	-	8
19	93	18	49	13	2	2	-	-	-	-	-	-	-	9
<b>Under 20</b>	<b>156</b>	<b>28</b>	<b>86</b>	<b>17</b>	<b>2</b>	<b>2</b>	-	-	-	-	-	-	-	<b>21</b>
20	146	30	74	15	10	1	-	-	-	-	-	-	-	16
21	179	38	74	34	15	4	2	-	1	-	-	-	-	11
22	232	51	87	30	23	8	1	1	-	-	-	-	-	31
23	275	45	103	39	22	19	10	4	1	-	-	-	-	32
24	435	41	174	96	46	28	13	2	2	1	-	-	-	32
<b>20-24</b>	<b>1,267</b>	<b>205</b>	<b>512</b>	<b>214</b>	<b>116</b>	<b>60</b>	<b>26</b>	<b>7</b>	<b>4</b>	<b>1</b>	-	-	-	<b>122</b>
25	565	58	225	136	58	27	10	5	5	2	-	-	-	39
26	788	52	296	192	101	46	25	9	5	-	4	-	-	58
27	999	79	330	261	153	74	25	11	6	3	3	-	-	54
28	1,292	64	416	372	179	95	52	21	12	10	6	-	-	65
29	1,526	38	488	416	270	127	50	36	15	5	12	-	-	69
<b>25-29</b>	<b>5,170</b>	<b>291</b>	<b>1,755</b>	<b>1,377</b>	<b>761</b>	<b>369</b>	<b>162</b>	<b>82</b>	<b>43</b>	<b>20</b>	<b>25</b>	-	-	<b>285</b>
30	1,663	49	456	496	257	155	87	38	25	9	10	-	-	81
31	1,764	39	437	483	320	168	95	58	26	15	11	2	-	110
32	1,665	35	409	438	292	171	94	52	27	18	20	1	-	108
33	1,430	28	327	356	234	158	101	59	32	30	20	-	-	85
34	1,191	30	292	262	179	118	74	65	39	39	31	1	-	61
<b>30-34</b>	<b>7,713</b>	<b>181</b>	<b>1,921</b>	<b>2,035</b>	<b>1,282</b>	<b>770</b>	<b>451</b>	<b>272</b>	<b>149</b>	<b>111</b>	<b>92</b>	<b>4</b>	-	<b>445</b>
35	992	20	227	232	137	90	68	50	27	30	30	2	-	79
36	729	23	158	127	115	70	48	34	27	23	43	6	-	55
37	551	10	121	99	57	49	34	41	27	16	42	4	-	51
38	371	8	77	77	39	27	22	18	20	8	37	12	-	26
39	284	9	63	46	24	20	23	13	13	8	30	12	2	21
<b>35-39</b>	<b>2,927</b>	<b>70</b>	<b>646</b>	<b>581</b>	<b>372</b>	<b>256</b>	<b>195</b>	<b>156</b>	<b>114</b>	<b>85</b>	<b>182</b>	<b>36</b>	<b>2</b>	<b>232</b>
40	188	4	37	33	26	14	12	12	4	4	21	8	1	12
41	122	3	15	18	17	5	10	8	7	4	17	8	1	9
42	65	1	12	8	10	5	8	1	2	-	5	3	1	9
43	33	2	5	5	3	-	1	4	4	1	5	1	1	1
44	28	-	3	6	6	1	2	1	3	-	2	3	1	-
<b>40-44</b>	<b>436</b>	<b>10</b>	<b>72</b>	<b>70</b>	<b>62</b>	<b>25</b>	<b>33</b>	<b>26</b>	<b>20</b>	<b>9</b>	<b>50</b>	<b>23</b>	<b>5</b>	<b>31</b>
<b>45 and over</b>	<b>41</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	-	-	<b>9</b>	<b>3</b>	<b>3</b>	<b>5</b>
Age not stated	5	-	1	1	-	-	1	-	-	-	-	-	-	2

**Table 2.12 Births in 2008, classified by period of gestation and age of mother at maternity**

Age of mother at maternity	Period of gestation in weeks			
	Total	Under 37	37 & over	Not stated
<b>All ages</b>	<b>75,173</b>	<b>4,259</b>	<b>68,396</b>	<b>2,518</b>
15 and under	44	10	33	1
16-19	2,358	163	2,118	77
20-24	9,283	491	8,444	348
25-29	17,876	928	16,294	654
30-34	25,431	1,372	23,238	821
35-39	16,913	1,049	15,342	522
40-44	3,077	221	2,769	87
45 years and over	166	24	138	4
Age not stated	25	1	20	4

**Table 2.13 Births in 2008, classified by age of mother at maternity and by birthweight**

Age of mother at maternity	Birthweight			
	Total	Under 2500g	2500g & over	Not stated
<b>All ages</b>	<b>75,173</b>	<b>3,897</b>	<b>70,198</b>	<b>1,078</b>
15 and under	44	6	38	-
16-19	2,358	181	2,146	31
20-24	9,283	513	8,629	141
25-29	17,876	845	16,752	279
30-34	25,431	1,201	23,888	342
35-39	16,913	925	15,756	232
40-44	3,077	201	2,830	46
45 years and over	166	24	137	5
Age not stated	25	1	22	2

**Table 2.14 Births in 2008, classified by period of gestation and birthweight**

Gestation in weeks	Birthweight			
	Total	Under 2500g	2500g & over	Not stated
<b>Total</b>	<b>75,173</b>	<b>3,897</b>	<b>70,198</b>	<b>1,078</b>
Under 37	4,259	2,533	1,689	37
37 & over	68,396	1,271	66,874	251
Not stated	2,518	93	1,635	790

**Table 2.15 Births in 2008 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
<b>STATE</b>	<b>74,887</b>	-	-	<b>74,887</b>	<b>286</b>	-	-	<b>286</b>
<b>LEINSTER</b>	<b>41,715</b>	<b>1,132</b>	<b>1,716</b>	<b>42,299</b>	<b>138</b>	<b>3</b>	<b>2</b>	<b>137</b>
Carlow	-	-	1,079	1,079	1	-	5	6
Dublin City	26,226	18,836	252	7,642	27	14	17	30
South Dublin	-	-	4,657	4,657	5	3	7	9
Fingal	-	-	5,415	5,415	39	32	10	17
Dun Laoghaire Rathdown	1,551	1,108	2,265	2,708	9	2	16	23
Kildare	-	-	3,981	3,981	3	-	4	7
Kilkenny	2,180	1,155	386	1,411	5	4	-	1
Laois	2,227	1,119	248	1,356	8	3	1	6
Longford	-	-	724	724	1	-	-	1
Louth	4,284	2,428	1,978	3,834	19	9	-	10
Meath	-	-	3,592	3,592	2	-	5	7
Offaly	-	-	1,260	1,260	1	-	1	2
Westmeath	2,851	1,778	413	1,486	5	4	-	1
Wexford	2,396	324	450	2,522	6	-	-	6
Wicklow	-	-	2,488	2,488	7	1	5	11
<b>MUNSTER</b>	<b>19,772</b>	<b>783</b>	<b>819</b>	<b>41,751</b>	<b>108</b>	<b>2</b>	<b>1</b>	<b>107</b>
Clare	-	-	1,835	1,835	4	-	2	6
Cork City	8,743	7,155	9	1,597	53	40	-	13
Cork County	-	-	6,745	6,745	18	-	37	55
Kerry	1,851	105	304	2,050	14	-	-	14
Limerick City	5,435	4,512	11	934	4	4	1	1
Limerick County	-	-	2,209	2,209	2	-	2	4
North Tipperary	-	-	1,255	1,255	1	-	1	2
South Tipperary	1,167	272	342	1,237	3	-	1	4
Waterford City	2,576	1,703	20	893	4	4	1	1
Waterford County	-	-	1,053	1,053	5	2	4	7
<b>CONNACHT</b>	<b>9,400</b>	<b>1,297</b>	<b>282</b>	<b>40,700</b>	<b>36</b>	-	-	<b>36</b>
Galway City	3,651	2,647	51	1,055	23	19	-	4
Galway County	2,162	1,462	2,371	3,071			17	17
Leitrim	-	-	510	510			1	1
Mayo	1,901	169	152	1,884	9	1	-	8
Roscommon	-	-	903	903	1	-	3	4
Sligo	1,686	774	50	962	3	1	-	2
<b>ULSTER (PART OF)</b>	<b>4,000</b>	<b>316</b>	<b>711</b>	<b>42,110</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>6</b>
Cavan	1,943	851	171	1,263	2	-	-	2
Donegal	2,057	9	205	2,253	2	-	-	2
Monaghan	-	-	879	879	-	-	2	2
<b>REGIONAL AUTHORITIES:</b>	<b>74,887</b>	<b>14,470</b>	<b>14,470</b>	<b>74,887</b>	<b>286</b>			<b>286</b>
Border	9,970	2,498	373	7,845	26	7	-	19
Midland	5,078	1,467	1,215	4,826	15	6	1	10
West	7,714	1,171	370	6,913	33	-	0	33
Dublin	27,777	7,881	526	20,422	80	5	4	79
Mid-East	-	-	10,061	10,061	12	-	13	25
Mid-West	5,435	254	1,052	6,233	11	1	3	13
South-East	8,319	833	709	8,195	24	1	2	25
South-West	10,594	366	164	10,392	85	3	-	82

**Table 2.16 Births in 2008 by day of occurrence and mothers usual residence**

Area of residence	Day of occurrence						
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>STATE</b>	<b>10,673</b>	<b>12,173</b>	<b>12,062</b>	<b>12,250</b>	<b>11,460</b>	<b>8,692</b>	<b>7,863</b>
<b>LEINSTER</b>	<b>5,944</b>	<b>6,908</b>	<b>6,706</b>	<b>6,790</b>	<b>6,297</b>	<b>5,049</b>	<b>4,742</b>
Carlow	136	183	152	212	148	138	116
Dublin City	1,057	1,173	1,204	1,196	1,162	971	909
South Dublin	679	724	788	729	691	552	503
Fingal	791	842	899	851	777	642	630
Dun Laoghaire Rathdown	405	411	454	488	359	290	324
Kildare	541	675	621	619	598	497	437
Kilkenny	179	279	196	233	204	167	154
Laois	168	237	194	238	229	173	123
Longford	97	114	130	108	143	70	63
Louth	308	322	324	293	287	232	222
Meath	511	616	587	575	529	416	365
Offaly	202	194	195	212	190	145	124
Westmeath	203	262	251	218	218	154	181
Wexford	338	482	332	425	368	293	290
Wicklow	329	394	379	393	394	309	301
<b>MUNSTER</b>	<b>2,852</b>	<b>3,261</b>	<b>3,299</b>	<b>3,326</b>	<b>3,120</b>	<b>2,186</b>	<b>1,871</b>
Clare	232	315	317	318	284	198	177
Cork City	237	238	239	276	277	189	154
Cork County	954	1,068	1,171	1,160	1,077	707	663
Kerry	316	363	270	392	329	222	172
Limerick City	125	134	148	162	149	124	93
Limerick County	313	399	394	360	337	206	204
North Tipperary	188	235	194	197	173	145	125
South Tipperary	192	209	200	185	194	155	106
Waterford City	128	130	173	133	147	105	78
Waterford County	167	170	193	143	153	135	99
<b>CONNACHT</b>	<b>1,242</b>	<b>1,344</b>	<b>1,384</b>	<b>1,333</b>	<b>1,322</b>	<b>971</b>	<b>825</b>
Galway City	176	170	147	151	188	121	106
Galway County	462	499	504	505	474	341	303
Leitrim	64	71	87	82	95	66	46
Mayo	298	309	320	317	271	202	175
Roscommon	119	138	152	143	137	117	101
Sligo	123	157	174	135	157	124	94
<b>ULSTER (PART OF)</b>	<b>635</b>	<b>660</b>	<b>673</b>	<b>801</b>	<b>721</b>	<b>486</b>	<b>425</b>
Cavan	187	236	177	212	212	128	113
Donegal	325	289	361	443	356	263	218
Monaghan	123	135	135	146	153	95	94
<b>REGIONAL AUTHORITIES:</b>							
Border	1,130	1,210	1,258	1,311	1,260	908	787
Midland	670	807	770	776	780	542	491
West	1,055	1,116	1,123	1,116	1,070	781	685
Dublin	2,932	3,150	3,345	3,264	2,989	2,455	2,366
Mid-East	1,381	1,685	1,587	1,587	1,521	1,222	1,103
Mid-West	858	1,083	1,053	1,037	943	673	599
South-East	1,140	1,453	1,246	1,331	1,214	993	843
South-West	1,507	1,669	1,680	1,828	1,683	1,118	989

**Table 2.17 Births per 1,000 women in each age-group, Ireland, England and Wales, 2008**

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	17.2	26.0	364.1 <sup>1</sup>	460.5	16.0	24.5
20 - 24 "	55.1	74.6	310.5	330.2	44.1	57.3
25 - 29 "	86.3	108.4	213.7	247.7	48.1	61.9
30 - 34 "	140.0	113.1	207.3	178.9	59.1	58.5
35 - 39 "	100.6	58.4	125.2	72.4	48.4	40.2
40 - 44 "	19.9	11.9	21.0	12.3	16.6	11.2
45 - 49 "	1.2	0.7	1.3	0.7	0.9	0.7
Total 15 - 49 years	64.7	63.8	101.8	103.0	37.5	43.7

\* Rates are based on the 2008 April population estimates.

<sup>1</sup> 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 2.18 Number of multiple births and the number of twins per 1,000 maternities, 1984-2008**

Year	Live births	Maternities which resulted in live issue	Multiple confinements				
			Twins	Triplets	Quadruplets	Quintuplets	Twinning rate
1984	64,062	63,364	733	3	-	-	11.6
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

**Table 2.19 Births by area of residence of mother during 2008 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	
<b>STATE</b>	<b>38,619</b>	<b>36,554</b>	<b>75,173</b>	<b>17.0</b>	<b>12,905</b>	<b>12,240</b>	<b>25,145</b>	<b>33.4</b>
<b>LEINSTER</b>	<b>21,833</b>	<b>20,603</b>	<b>42,436</b>	<b>17.7</b>	<b>7,742</b>	<b>7,272</b>	<b>15,014</b>	<b>35.4</b>
Carlow	564	521	1,085	20.7	190	198	388	35.8
Dublin City	3,989	3,683	7,672	14.5	1,822	1,670	3,492	45.5
South Dublin	2,399	2,267	4,666	18.1	987	947	1,934	41.4
Fingal	2,728	2,704	5,432	21.7	842	849	1,691	31.1
Dun Laoghaire Rathdown	1,434	1,297	2,731	13.5	353	320	673	24.6
Kildare	2,084	1,904	3,988	20.5	645	591	1,236	31.0
Kilkenny	745	667	1,412	15.5	214	184	398	28.2
Laois	698	664	1,362	19.5	246	209	455	33.4
Longford	376	349	725	20.2	95	106	201	27.7
Louth	1,031	957	1,988	17.1	409	373	782	39.3
Meath	1,813	1,786	3,599	21.2	518	476	994	27.6
Offaly	646	616	1,262	17.1	214	195	409	32.4
Westmeath	734	753	1,487	18.0	251	246	497	33.4
Wexford	1,273	1,255	2,528	18.4	518	511	1,029	40.7
Wicklow	1,319	1,180	2,499	19.0	438	397	835	33.4
<b>MUNSTER</b>	<b>10,167</b>	<b>9,748</b>	<b>19,915</b>	<b>16.3</b>	<b>3,267</b>	<b>3,160</b>	<b>6,427</b>	<b>32.3</b>
Clare	982	859	1,841	15.9	272	258	530	28.8
Cork City	797	813	1,610	12.9	377	382	759	47.1
Cork County	3,441	3,359	6,800	18.0	894	825	1,719	25.3
Kerry	1,037	1,027	2,064	14.2	318	333	651	31.5
Limerick City	483	452	935	15.0	262	224	486	52.0
Limerick County	1,144	1,069	2,213	17.1	307	311	618	27.9
North Tipperary	627	630	1,257	18.3	194	205	399	31.7
South Tipperary	658	583	1,241	14.3	246	228	474	38.2
Waterford City	466	428	894	18.7	221	205	426	47.7
Waterford County	532	528	1,060	16.3	176	189	365	34.4
<b>CONNACHT</b>	<b>4,347</b>	<b>4,074</b>	<b>8,421</b>	<b>16.0</b>	<b>1,147</b>	<b>1,131</b>	<b>2,278</b>	<b>27.1</b>
Galway City	562	497	1,059	14.0	195	167	362	34.2
Galway County	1,593	1,495	3,088	18.6	371	367	738	23.9
Leitrim	257	254	511	16.9	57	69	126	24.7
Mayo	943	949	1,892	14.6	251	288	539	28.5
Roscommon	492	415	907	14.8	118	96	214	23.6
Sligo	500	464	964	15.2	155	144	299	31.0
<b>ULSTER (PART OF)</b>	<b>2,272</b>	<b>2,129</b>	<b>4,401</b>	<b>15.8</b>	<b>749</b>	<b>677</b>	<b>1,426</b>	<b>32.4</b>
Cavan	660	605	1,265	18.9	211	167	378	29.9
Donegal	1,165	1,090	2,255	14.7	407	376	783	34.7
Monaghan	447	434	881	15.1	131	134	265	30.1
<b>REGIONAL AUTHORITIES:</b>								
Border	4,060	3,804	7,864	16.0	1,370	1,263	2,633	33.5
Midland	2,454	2,382	4,836	18.1	806	756	1,562	32.3
West	3,590	3,356	6,946	16.3	935	918	1,853	26.7
Dublin	10,550	9,951	20,501	16.8	4,004	3,786	7,790	38.0
Mid-East	5,216	4,870	10,086	19.6	1,601	1,464	3,065	30.4
Mid-West	3,236	3,010	6,246	16.8	1,035	998	2,033	32.5
South-East	4,238	3,982	8,220	16.9	1,565	1,515	3,080	37.5
South-West	5,275	5,199	10,474	16.2	1,589	1,540	3,129	29.9

**Table 2.20 Average age at maternity by area of residence of mother during 2008 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
<b>STATE</b>	<b>31.2</b>	<b>28.9</b>	<b>33.0</b>	<b>31.3</b>	<b>27.6</b>	<b>25.8</b>
<b>LEINSTER</b>	<b>31.1</b>	<b>28.9</b>	<b>32.9</b>	<b>31.3</b>	<b>27.7</b>	<b>25.9</b>
Carlow	30.6	28.1	32.4	30.3	27.4	25.6
Dublin City	30.5	28.6	32.8	31.2	27.7	26.0
South Dublin	30.2	27.8	32.3	30.7	27.2	25.1
Fingal	31.4	29.5	32.8	31.3	28.2	26.6
Dun Laoghaire Rathdown	33.3	31.5	34.6	33.0	29.3	28.2
Kildare	31.4	29.3	33.0	31.3	27.8	26.2
Kilkenny	31.7	29.1	33.3	31.6	27.6	25.7
Laois	30.5	28.1	32.5	30.9	26.6	24.8
Longford	30.7	28.5	31.9	30.2	27.5	25.8
Louth	30.4	27.9	32.6	30.9	27.0	24.9
Meath	31.8	29.3	33.1	31.2	28.4	26.4
Offaly	30.7	28.5	32.6	31.0	26.7	25.2
Westmeath	30.8	28.4	32.7	30.9	27.1	25.4
Wexford	30.5	27.8	32.8	31.0	27.2	25.2
Wicklow	31.6	29.6	33.3	31.8	28.1	26.4
<b>MUNSTER</b>	<b>31.2</b>	<b>28.9</b>	<b>33.1</b>	<b>31.4</b>	<b>27.4</b>	<b>25.6</b>
Clare	31.6	29.6	33.2	31.9	27.7	25.8
Cork City	30.0	27.6	32.5	30.6	27.1	25.2
Cork County	31.9	29.7	33.3	31.8	27.8	26.0
Kerry	31.6	29.2	33.3	31.5	28.0	26.0
Limerick City	28.8	26.9	31.3	29.7	26.4	24.7
Limerick County	31.3	29.2	32.9	31.3	27.3	25.7
North Tipperary	31.3	28.7	33.3	31.3	27.0	25.4
South Tipperary	30.5	28.1	32.8	31.2	26.8	25.1
Waterford City	29.6	26.9	32.0	30.0	26.9	24.6
Waterford County	31.5	29.1	33.4	31.9	27.8	25.9
<b>CONNACHT</b>	<b>31.7</b>	<b>29.3</b>	<b>33.1</b>	<b>31.2</b>	<b>27.9</b>	<b>26.2</b>
Galway City	30.9	28.8	32.2	30.2	28.2	27.1
Galway County	32.1	29.8	33.4	31.6	28.0	26.3
Leitrim	31.5	29.1	32.6	30.8	28.1	26.4
Mayo	31.5	29.1	33.0	31.2	27.8	26.2
Roscommon	31.9	29.2	33.3	31.3	27.6	25.4
Sligo	31.4	28.9	33.1	31.4	27.6	25.4
<b>ULSTER (PART OF)</b>	<b>30.8</b>	<b>28.0</b>	<b>32.4</b>	<b>30.6</b>	<b>27.2</b>	<b>24.9</b>
Cavan	30.8	28.1	32.3	30.4	27.4	25.1
Donegal	30.7	27.8	32.6	30.8	27.0	24.6
Monaghan	30.9	28.4	32.3	30.3	27.7	25.7
<b>REGIONAL AUTHORITIES:</b>						
Border	30.8	28.2	32.6	30.8	27.2	25.1
Midland	30.7	28.3	32.5	30.8	26.9	25.2
West	31.7	29.3	33.1	31.2	27.9	26.3
Dublin	31.0	29.0	33.0	31.4	27.8	26.1
Mid-East	31.6	29.4	33.1	31.4	28.1	26.3
Mid-West	31.0	28.8	32.9	31.3	27.1	25.4
South-East	30.8	28.1	32.9	31.1	27.2	25.3
South-West	31.6	29.3	33.2	31.6	27.7	25.8

**Table 2.21 Births inside and outside marriage and rates per 1,000 population, 1864-2008**

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
1995	37,925	10.53	10,862	3.02	5,649	5,213	22.26
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	42,156	10.42	19,783	4.89	10,206	9,577	31.94
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	11.00	23,640	5.45	12,084	11,566	33.11
2008	50,028	11.31	25,145	5.69	12,905	12,240	33.45

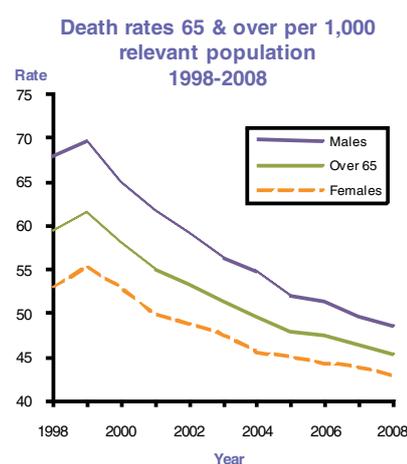
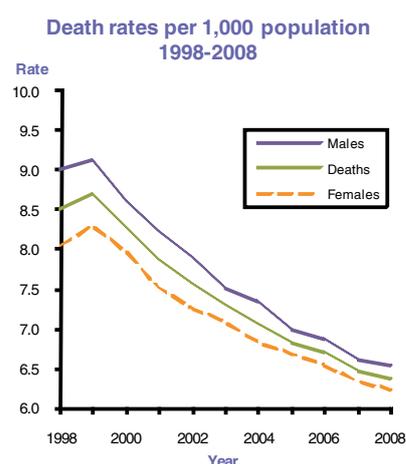
**Table 2.22 Total births in 2008 classified by nationality of mother and marital status**

Nationality of mother	Total births	% of total births	% of births outside marriage	Average age
<b>Total</b>	<b>75,173</b>	<b>100.0</b>	<b>33.4</b>	<b>31.2</b>
Ireland	58,615	78.0	33.4	31.6
United Kingdom	1,787	2.4	41.0	31.5
EU15 excl. Irl & UK	993	1.3	40.8	32.6
Accession states (EU27 excl. EU15)	6,528	8.7	42.3	27.4
Other	7,112	9.5	22.6	30.8
Not stated	138	0.2	44.2	30.9

# Chapter 3

## Deaths 2008

There were 28,274 deaths in Ireland in 2008, of which 14,457 were males and 13,817 were females. This is equivalent to a rate of 6.4 deaths per 1,000 total population compared to 6.5 in 2007 and 6.7 in 2006. 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 and 3.2.



### 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](http://epp.eurostat.ec.europa.eu/cache/ITY_SDDS/EN/hlth_cdeath_esms.htm)

**Table I Standardised death rates<sup>1</sup> per 1,000 population in the European Union<sup>2</sup>, 2008**

Area of residence	Death rate per 1,000	Area of residence	Death rate per 1,000
<b>European Union (27 Countries)</b>	<b>6.20</b>		
<b>European Union (15 Countries)</b>	<b>5.59</b>		
Belgium	6.35	Luxembourg	5.30
Bulgaria	9.96	Hungary	9.26
Czech Republic	7.47	Malta	5.90
Denmark	6.83	Netherlands	5.66
Germany	5.82	Austria	5.57
Estonia	8.94	Poland	8.19
<b>Ireland</b>	<b>5.89</b>	Portugal	6.24
Greece	5.96	Romania	9.64
Spain	5.20	Slovenia	6.34
France	5.18	Slovakia	8.88
Italy	5.12	Finland	5.87
Cyprus	5.50	Sweden	5.41
Latvia	10.07	United Kingdom	5.99
Lithuania	10.34		

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

<sup>2</sup> Data is for 2008 with the exceptions of Belgium, Denmark, Luxembourg and Portugal where the latest available data prior to 2008 is used.

The standardised death rate presented for Ireland for 2008 is 5.89 per 1,000 of population. This figure is provisional and based on deaths registered in 2008. This rate is below the standardised rate for the European Union 27 countries for which a rate of 6.2 has been calculated and above the standardised rate for the European Union 15 countries, which was calculated at 5.59 deaths per 1,000 of population. The Irish standardised death rate in 2008 was very similar to United Kingdom. The Irish rate was slightly lower at 5.89 per 1,000 of population compared with 5.99 per 1,000 of population for the UK. 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 3.54 and a standardised rate of 6.12 (reflecting the very young age structure in Fingal) and Roscommon where the standardisation had the effect of lowering the crude death rate from 9.17 to 6.78 because of the comparatively older age distribution in that county. The standardised death rates in 2008 were lowest in South Dublin (at 5.18 per thousand) and highest in Limerick City (at 8.60 per thousand). See *table 3.3*.

### 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 2008 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:

- Inclusion of additional underlying causes (eg AIDS/HIV, chromosomal abnormalities) in the ICD-10 classification
- 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

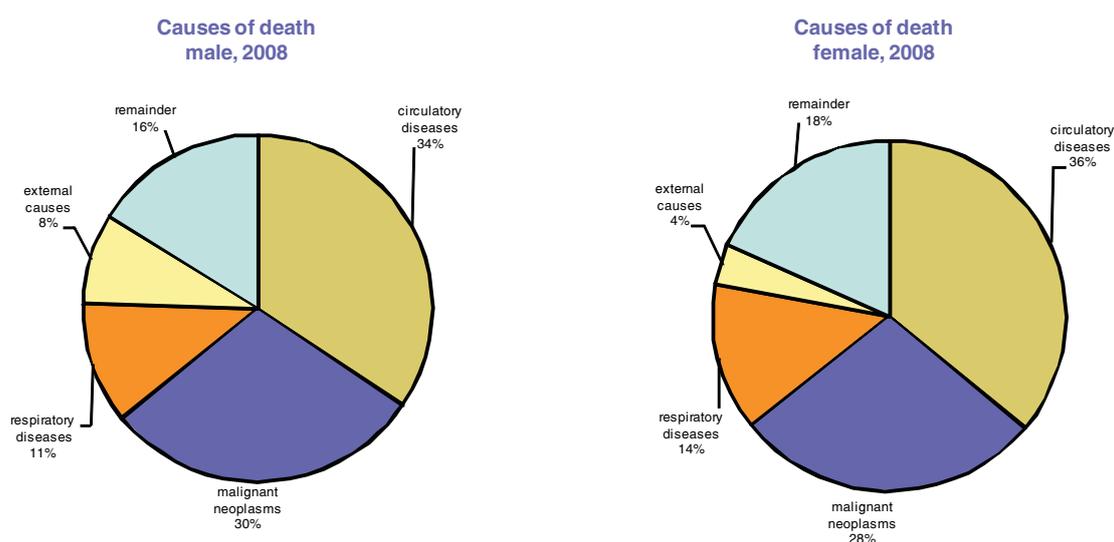
Additionally, there have been changes to the selection rules applied to determine the underlying cause of death. The most significant change relates to Rule 3 which allows a condition from Part I or Part II of the death certificate to be selected as the primary condition if it is an obvious direct consequence 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.

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.

### Causes of Death

Of deaths occurring in 2008, just over 77% were attributed to 3 main chapters in the ICD-10 classification: IX (I00-I99) diseases of the circulatory system (35.2%), II (C00-D48) neoplasms (29.7%), and X (J00-J99) diseases of the respiratory system (12.5%). A similar breakdown is evident for males and females. See *table 3.8*.



Within different age-groups, there are significant differences in the assigned underlying causes of death. For those aged less than five years of age, the main cause of death was Congenital malformations and chromosomal abnormalities (39.3%). In this age-group 38% of male deaths and 41% of female deaths were attributed to these causes. Certain conditions originating in the perinatal period also accounted for a large volume of deaths (38.4%) in this age-group. The numbers of deaths in the 0-4 age-group are very much dominated by infant deaths (85% aged 0).

A large proportion of deaths in younger age-groups, from ages 5 to 34, were due to External causes of injury and poisoning (64.4%). Just over 72% of males aged 5 to 34 died due to external causes of injury and poisoning. The corresponding figure for females was just over 43%. Additionally, there were 2.7 male deaths for every 1 female death in this age-group. External causes of injury and poisoning (43.2%) were also the main causes of death for males aged 35-44 while neoplasms (45.2%) 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 (40%) and females (54%), with older age-groups (75 years and over) more affected by diseases of the circulatory system for both males (41%) and females (44%). See *tables 3.9 and 3.10*.

## Neoplasms

There were 8,389 deaths due to neoplasms in 2008, 1.90 per 1,000 of population. Of these, 8,199 were due to malignant neoplasm, 4,301 males and 3,898 females. See tables 3.13 and 3.14.

Malignant neoplasm of the digestive organs was the most common of these cancers. 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 25 and 54 and cancer of the digestive organs in ages greater than 54 were most prevalent. See table 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. Mayo had the highest age standardised death rate from cancer, 2.60 per 1,000 of population, while South Dublin had the lowest at 1.16 per 1,000 of population. See tables 3.10 and 3.12.

**Table II Crude death rates from cancer (C00-C97) per 1,000 population in Ireland and neighbouring countries, in each year 1985-2008**

Year	Ireland*	Northern Ireland	England and Wales	Scotland
1985	1.89	2.07	2.80	2.81
1986	1.95	2.06	2.78	2.84
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	1.82	2.20	2.53	2.97
2008	1.85	2.24	2.53	2.95

## Diseases of the circulatory system

There were 9,956 deaths attributed to diseases of the circulatory system in 2008, of which 4,967 were deaths of males and 4,989 of females.

Overall, diseases of the circulatory system were the most common causes of death, 2.25 deaths per 1,000 of population. This is not surprising due to the high occurrences of such deaths in older age-groups.

For deaths caused by diseases of the circulatory system, 52% were due to Ischaemic heart diseases (57% male, 43% female) and 22% were due to cerebrovascular diseases (41% male and 59% female). Acute myocardial infarction accounted for 2,641 of the 5,185 Ischaemic heart disease deaths. See tables 3.12 and 3.18.

Roscommon recorded the highest age-standardised death rate for diseases of the circulatory system, 3.92 per 1,000 of population, while South Dublin recorded the lowest at 1.00 per 1,000 of population. See table 3.12.

**Table III Deaths and death rates in Ireland\* and neighbouring countries from cancer of the bronchus, trachea and lung in each year 1985 to 2008**

Year	Ireland*	Northern Ireland	England and Wales	Scotland
<b>Number of Deaths</b>				
1985	1,542	757	35,792	4,307
1986	1,558	733	35,257	4,054
1987	1,434	759	35,138	4,290
1988	1,546	777	35,302	4,144
1989	1,594	827	33,184	4,234
1990	1,529	768	33,159	4,123
1991	1,472	788	34,190	4,209
1992	1,559	771	33,662	4,308
1993	1,608	812	32,614	4,299
1994	1,550	768	32,143	4,237
1995	1,574	752	31,627	4,221
1996	1,469	816	30,810	4,126
1997	1,389	771	29,976	4,106
1998	1,523	775	30,199	3,984
1999	1,449	781	29,493	3,961
2000	1,568	792	29,029	3,959
2001	1,478	782	28,728	3,937
2002	1,469	802	28,806	4,057
2003	1,574	810	28,765	3,903
2004	1,609	837	28,328	4,237
2005	1,587	824	28,670	4,009
2006	1,623	850	29,512	4,062
2007	1,679	863	29,660	4,115
2008	1,681	927	30,326	4,080
<b>Rates per 100,000 population</b>				
1985	44	49	72	81
1986	44	47	70	81
1987	40	48	70	84
1988	44	49	70	81
1989	45	52	66	83
1990	44	48	65	81
1991	42	49	67	84
1992	44	48	66	84
1993	45	50	63	84
1994	43	47	62	83
1995	44	46	61	82
1996	41	49	59	80
1997	38	46	57	80
1998	41	46	58	78
1999	39	46	56	77
2000	41	47	55	77
2001	38	46	55	78
2002	38	47	55	80
2003	40	48	55	77
2004	40	49	53	88
2005	38	48	53	77
2006	38	49	49	79
2007	39	49	55	80
2008	38	52	56	79

### Respiratory Diseases

(See causes of death note on page 49 in relation to the change in coding rules applied in cases of pneumonia).

Deaths from diseases of the respiratory system in 2008 numbered 3,522, of which 1,641 were males and 1,881 were females. These were largely made up of 1,365 deaths from chronic lower respiratory diseases and 1,360 deaths due to pneumonia and influenza. See tables 3.20 and 3.21.

Diseases of the respiratory system accounted for 12.5% of all deaths (0.80 per 1,000 of population), affecting, in particular the older age-groups, with 79% of these deaths occurring in persons aged 75 and over. See tables 3.9 and 3.12.

Leitrim recorded the highest age-standardised death rate for diseases of the respiratory system, 1.32 per 1,000 of population, while Fingal recorded the lowest at 0.35 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 2008 was 1,721, of which 1,215 were males and 506 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 62% of all external causes of injury and poisoning, while intentional self harm accounted for a further 29%. Events of undetermined intent and assaults represented 5% and 2% respectively, while complications of medical and surgical care and sequelae of external causes of morbidity and mortality accounted for the remainder.

Over twice (2.4) as many males died due to external causes compared with females in 2008. 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 2008. The number of male deaths due to accidents was 4 times higher in ages under 65. The majority of accidental deaths in males under 25 years of age were due to transport accidents (58%), while the greatest cause of accidental deaths in the 25-54 year age categories was due to poisoning by and exposure to noxious substances. The majority of female accidents occurred in the older age-groups, particularly in females aged 75 and over, which accounted for 49% of female accidents, 65% of these were from falls.

There were 506 deaths due to intentional self-harm in 2008, 386 males and 120 females. Within 10 year age-groups, the highest numbers were recorded for males in the 25-34 age-group (26%) and for females in the 15-24 and 45-54 age-groups (both at 21%).

Events of undetermined intent accounted for an additional 83 deaths. 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, 0.60 per 1,000 of population, while both Laois and Waterford City recorded the lowest at 0.23 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 2008 was 5,291 compared with 5,574 in 2007 and 5,389 in 2006.

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

<http://www.cso.ie/px/pxeirestat/database/eirestat/Births%20Deaths%20and%20Marriages/Births%20Deaths%20and%20Marriages.asp>

# Tables

**Table 3.1 Average annual number of deaths for the period 1864-2000 and the number of deaths in the years 1996-2008 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
<b>Males</b>													
<b>Average-</b>													
<b>1864-1870</b>	33,878*	9,343	1,313	717	904	1,330	2,212	1,928	2,698	4,046	4,623	3,417	1,298
<b>1871-1880</b>	36,224 <sup>1</sup>	9,276	1,261	732	1,014	1,250	2,149	2,113	2,532	4,249	5,459	4,556	1,604
<b>1881-1890</b>	32,233	7,140	982	653	962	1,270	1,966	1,901	2,495	3,660	4,888	4,636	1,680
<b>1891-1900</b>	29,468	6,240	710	518	859	1,194	2,003	1,731	2,295	3,486	4,275	4,248	1,909
<b>1901-1910</b>	27,031	5,444	566	398	680	964	1,954	1,740	2,050	3,258	4,541	3,827	1,609
<b>1911-1920</b>	26,131	4,703	514	375	656	858	1,689	1,825	2,138	2,723	4,732	4,407	1,511
<b>1921-1930</b>	21,850	3,478	379	269	474	627	1,085	1,253	1,931	2,896	4,391	3,662	1,405
<b>1931-1940</b>	21,469	2,986	308	221	370	490	908	1,063	1,810	3,320	5,412	3,602	979
<b>1941-1950</b>	21,726	2,971	207	143	291	385	748	910	1,527	2,833	5,602	4,940	1,169
<b>1951-1960</b>	18,999	1,534	93	67	102	121	312	580	1,302	2,582	4,812	5,745	1,749
<b>1961-1970</b>	18,190	1,005	73	56	94	101	193	430	1,224	2,784	4,825	5,204	2,202
<b>1971-1980</b>	18,390	742	74	61	127	154	242	397	1,152	2,902	5,224	5,196	2,119
<b>1981-1990</b>	17,571	395	51	49	135	160	260	387	908	2,488	5,226	5,457	2,055
<b>1991-2000</b>	16,645	219	28	38	129	188	314	418	886	1,974	4,388	5,657	2,406
<b>1996</b>	16,672	199	25	47	121	209	340	418	891	1,931	4,324	5,649	2,518
<b>1997</b>	16,501	194	17	38	137	226	303	423	896	1,918	4,272	5,597	2,480
<b>1998</b>	16,553	229	14	33	146	221	329	452	908	1,940	4,119	5,625	2,537
<b>1999</b>	16,961	213	32	37	141	191	354	432	988	1,901	4,121	5,753	2,798
<b>2000</b>	16,192	232	20	21	146	205	355	478	970	1,870	3,876	5,387	2,632
<b>2001</b>	15,691	223	20	23	129	185	365	468	925	1,873	3,680	5,081	2,719
<b>2002</b>	15,390	199	17	29	117	186	384	449	994	1,835	3,488	5,056	2,636
<b>2003</b>	14,882	219	19	28	87	183	313	432	890	1,832	3,302	4,966	2,611
<b>2004</b>	14,801	181	25	16	106	168	329	461	899	1,819	3,305	4,869	2,623
<b>2005</b>	14,412	136	16	18	118	198	356	424	873	1,743	3,164	4,671	2,695
<b>2006</b>	14,605	175	23	19	90	192	343	429	923	1,723	3,122	4,717	2,849
<b>2007</b>	14,391	156	8	32	109	163	352	449	871	1,846	3,001	4,583	2,821
<b>2008</b>	14,457	192	19	27	93	146	346	484	844	1,850	3,111	4,512	2,833
<b>Females</b>													
<b>Average-</b>													
<b>1864-1870</b>	33,445*	8,217	1,309	766	897	1,105	2,145	2,004	2,591	4,173	4,932	3,807	1,468
<b>1871-1880</b>	35,387 <sup>1</sup>	8,197	1,303	841	1,071	1,078	2,114	2,042	2,392	4,391	5,450	4,747	1,746
<b>1881-1890</b>	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
<b>1891-1900</b>	29,526	5,383	754	683	1,033	1,042	1,898	1,784	2,308	3,651	4,602	4,501	1,887
<b>1901-1910</b>	26,546	4,668	621	536	816	861	1,782	1,669	2,012	3,423	4,673	3,846	1,639
<b>1911-1920</b>	25,322	3,996	565	466	703	737	1,570	1,682	1,858	2,620	5,039	4,567	1,519
<b>1921-1930</b>	21,353	2,858	377	309	523	565	1,134	1,284	1,749	2,620	4,420	3,992	1,522
<b>1931-1940</b>	20,372	2,414	300	238	388	479	986	1,082	1,600	2,827	4,937	3,875	1,246
<b>1941-1950</b>	19,724	2,314	182	152	307	405	826	889	1,302	2,365	4,717	4,815	1,450
<b>1951-1960</b>	16,375	1,139	77	55	72	93	278	519	987	1,859	3,892	5,334	2,070
<b>1961-1970</b>	15,324	779	52	39	47	48	133	331	854	1,688	3,539	5,040	2,774
<b>1971-1980</b>	15,337	557	43	33	51	55	119	245	728	1,691	3,529	5,233	3,052
<b>1981-1990</b>	14,804	299	30	29	50	50	113	225	537	1,444	3,332	5,190	3,506
<b>1991-2000</b>	15,001	166	16	23	48	49	117	257	557	1,104	2,860	5,402	4,402
<b>1996</b>	15,051	166	11	16	51	39	125	235	540	1,044	2,865	5,496	4,463
<b>1997</b>	15,080	187	13	23	62	51	125	263	583	1,092	2,789	5,427	4,465
<b>1998</b>	15,010	145	18	26	54	47	115	272	567	1,078	2,657	5,397	4,634
<b>1999</b>	15,647	178	15	24	51	58	114	252	598	1,091	2,633	5,583	5,050
<b>2000</b>	15,199	151	19	22	61	63	116	307	626	1,074	2,561	5,247	4,952
<b>2001</b>	14,521	186	16	20	40	64	111	301	643	988	2,271	5,158	4,723
<b>2002</b>	14,293	165	11	21	47	54	137	258	553	996	2,253	4,891	4,907
<b>2003</b>	14,192	156	10	14	34	54	107	250	565	1,146	2,104	4,926	4,826
<b>2004</b>	13,864	152	15	17	32	44	129	277	561	1,093	2,078	4,595	4,871
<b>2005</b>	13,848	152	10	20	40	66	127	246	594	1,078	2,046	4,567	4,902
<b>2006</b>	13,883	118	9	16	58	43	123	253	599	1,114	1,856	4,492	5,202
<b>2007</b>	13,726	128	9	18	40	39	144	248	543	1,098	1,973	4,408	5,078
<b>2008</b>	13,817	144	9	13	38	40	133	283	639	1,103	1,847	4,229	5,339

**Table 3.1 (continued) Average annual number of deaths for the period 1864-2000 and the number of deaths in the years 1996-2008 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
<b>Persons</b>													
<b>Average-</b>													
<b>1864-1870</b>	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
<b>1871-1880</b>	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
<b>1881-1890</b>	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
<b>1891-1900</b>	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
<b>1901-1910</b>	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
<b>1911-1920</b>	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
<b>1921-1930</b>	43,203	6,336	756	578	997	1,192	2,219	2,537	3,680	5,516	8,811	7,654	2,927
<b>1931-1940</b>	41,841	5,400	608	459	758	969	1,894	2,145	3,410	6,147	10,349	7,477	2,225
<b>1941-1950</b>	41,450	5,285	389	295	598	790	1,574	1,799	2,829	5,198	10,319	9,755	2,619
<b>1951-1960</b>	35,375	2,673	171	122	174	214	590	1,099	2,289	4,442	8,704	11,079	3,819
<b>1961-1970</b>	33,514	1,785	125	95	141	148	326	761	2,078	4,472	8,363	10,244	4,976
<b>1971-1980</b>	33,727	1,299	117	94	179	209	361	642	1,880	4,593	8,753	10,429	5,171
<b>1981-1990</b>	32,375	694	81	79	185	210	374	611	1,445	3,932	8,558	10,647	5,561
<b>1991-2000</b>	31,646	386	43	61	177	237	431	675	1,443	3,078	7,248	11,059	6,808
<b>1996</b>	31,723	365	36	63	172	248	465	653	1,431	2,975	7,189	11,145	6,981
<b>1997</b>	31,581	381	30	61	199	277	428	686	1,479	3,010	7,061	11,024	6,945
<b>1998</b>	31,563	374	32	59	200	268	444	724	1,475	3,018	6,776	11,022	7,171
<b>1999</b>	32,608	391	47	61	192	249	468	684	1,586	2,992	6,754	11,336	7,848
<b>2000</b>	31,391	383	39	43	207	268	471	785	1,596	2,944	6,437	10,634	7,584
<b>2001</b>	30,212	409	36	43	169	249	476	769	1,568	2,861	5,951	10,239	7,442
<b>2002</b>	29,683	364	28	50	164	240	521	707	1,547	2,831	5,741	9,947	7,543
<b>2003</b>	29,074	375	29	42	121	237	420	682	1,455	2,978	5,406	9,892	7,437
<b>2004</b>	28,665	333	40	33	138	212	458	738	1,460	2,912	5,383	9,464	7,494
<b>2005</b>	28,260	288	26	38	158	264	483	670	1,467	2,821	5,210	9,238	7,597
<b>2006</b>	28,488	293	32	35	148	235	466	682	1,522	2,837	4,978	9,209	8,051
<b>2007</b>	28,117	284	17	50	149	202	496	697	1,414	2,944	4,974	8,991	7,899
<b>2008</b>	28,274	336	28	40	131	186	479	767	1,483	2,953	4,958	8,741	8,172

\* 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.

<sup>1</sup> 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 1864-2000 and death rates for the years 1996-2008 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
<b>Males</b>													
<b>Average</b>													
<b>1864-1870</b>	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
<b>1871-1880</b>	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
<b>1881-1890</b>	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
<b>1891-1900</b>	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
<b>1901-1910</b>	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
<b>1911-1920</b>	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
<b>1921-1930</b>	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
<b>1931-1940</b>	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
<b>1941-1950</b>	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
<b>1951-1960</b>	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
<b>1961-1970</b>	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
<b>1971-1980</b>	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
<b>1981-1990</b>	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
<b>1991-2000</b>	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
<b>1996</b>	9.26	1.55	0.17	0.28	0.70	1.40	1.32	1.70	4.27	13.18	39.17	100.34	237.55
<b>1997</b>	9.07	1.51	0.12	0.23	0.78	1.49	1.16	1.68	4.16	12.84	38.45	99.06	225.45
<b>1998</b>	9.00	1.75	0.10	0.21	0.83	1.45	1.23	1.76	4.08	12.67	36.78	98.17	222.54
<b>1999</b>	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
<b>2000</b>	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
<b>2001</b>	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
<b>2002</b>	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
<b>2003</b>	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
<b>2004</b>	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
<b>2005</b>	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
<b>2006</b>	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
<b>2007</b>	6.63	0.97	0.05	0.23	0.75	0.93	0.91	1.39	3.25	8.75	23.45	69.44	176.31
<b>2008</b>	6.55	1.14	0.12	0.19	0.64	0.88	0.88	1.47	3.09	8.53	23.75	67.34	166.65
<b>Females</b>													
<b>Average-</b>													
<b>1864-1870</b>	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
<b>1871-1880</b>	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
<b>1881-1890</b>	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
<b>1891-1900</b>	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
<b>1901-1910</b>	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
<b>1911-1920</b>	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
<b>1921-1930</b>	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
<b>1931-1940</b>	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
<b>1941-1950</b>	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
<b>1951-1960</b>	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
<b>1961-1970</b>	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
<b>1971-1980</b>	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
<b>1981-1990</b>	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
<b>1991-2000</b>	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
<b>1996</b>	8.24	1.37	0.08	0.10	0.31	0.27	0.48	0.94	2.65	7.19	22.21	65.74	185.19
<b>1997</b>	8.17	1.54	0.10	0.15	0.37	0.35	0.47	1.03	2.76	7.39	21.70	64.38	179.32
<b>1998</b>	8.05	1.18	0.13	0.17	0.32	0.32	0.42	1.04	2.60	7.10	20.76	62.90	178.23
<b>1999</b>	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
<b>2000</b>	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
<b>2001</b>	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
<b>2002</b>	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
<b>2003</b>	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
<b>2004</b>	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
<b>2005</b>	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
<b>2006</b>	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
<b>2007</b>	6.33	0.84	0.06	0.13	0.28	0.23	0.38	0.79	2.05	5.30	14.61	47.91	145.09
<b>2008</b>	6.24	0.90	0.06	0.09	0.27	0.24	0.34	0.88	2.36	5.15	13.29	45.97	144.30

**Table 3.2 (continued) Average annual death rates for the period 1864-2000 and death rates for the years 1996-2008 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
<b>Persons</b>													
<b>Average-</b>													
<b>1864-1870</b>	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
<b>1871-1880</b>	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
<b>1881-1890</b>	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
<b>1891-1900</b>	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
<b>1901-1910</b>	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
<b>1911-1920</b>	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
<b>1921-1930</b>	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
<b>1931-1940</b>	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
<b>1941-1950</b>	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
<b>1951-1960</b>	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
<b>1961-1970</b>	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
<b>1971-1980</b>	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
<b>1981-1990</b>	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
<b>1991-2000</b>	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
<b>1996</b>	8.75	1.46	0.13	0.19	0.51	0.85	0.89	1.32	3.47	10.20	30.04	79.66	201.18
<b>1997</b>	8.62	1.52	0.11	0.19	0.58	0.93	0.81	1.35	3.47	10.13	29.48	78.30	193.99
<b>1998</b>	8.52	1.47	0.12	0.19	0.58	0.90	0.82	1.40	3.35	9.90	28.25	77.13	191.74
<b>1999</b>	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
<b>2000</b>	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
<b>2001</b>	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
<b>2002</b>	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
<b>2003</b>	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
<b>2004</b>	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
<b>2005</b>	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
<b>2006</b>	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
<b>2007</b>	6.48	0.91	0.06	0.18	0.52	0.58	0.65	1.09	2.66	7.04	18.91	56.91	157.98
<b>2008</b>	6.39	1.02	0.09	0.14	0.46	0.56	0.61	1.18	2.73	6.85	18.36	54.97	154.19

**Table 3.3 Crude and standardised death rates by area of residence of deceased in 2008**

Area of residence of deceased	Deaths	Rates per 1,000 population	
		Crude	Standardised
<b>STATE</b>	<b>28,274</b>	<b>6.39</b>	<b>6.39</b>
<b>LEINSTER</b>	<b>13,943</b>	<b>5.82</b>	<b>6.40</b>
Carlow	327	6.23	6.68
Dublin City	4,169	7.90	7.17
South Dublin	888	3.45	5.18
Fingal	886	3.54	6.12
Dún Laoghaire-Rathdown	1,287	6.36	5.49
Kildare	897	4.62	6.73
Kilkenny	585	6.41	6.08
Laois	376	5.38	5.65
Longford	282	7.86	6.85
Louth	750	6.46	6.77
Meath	832	4.90	6.39
Offaly	465	6.29	6.42
Westmeath	528	6.38	6.50
Wexford	934	6.80	6.77
Wicklow	737	5.60	6.13
<b>MUNSTER</b>	<b>8,458</b>	<b>6.91</b>	<b>6.50</b>
Clare	812	7.02	6.52
Cork City	1,050	8.43	7.28
Cork County	2,170	5.75	5.95
Kerry	1,159	7.95	6.46
Limerick City	477	7.65	8.60
Limerick County	841	6.49	6.36
North Tipperary	605	8.79	7.71
South Tipperary	608	7.00	6.12
Waterford City	284	5.95	5.81
Waterford County	452	6.97	6.51
<b>CONNACHT</b>	<b>3,928</b>	<b>7.47</b>	<b>6.31</b>
Galway City	329	4.36	5.57
Galway County	1,195	7.19	6.32
Leitrim	243	8.05	6.08
Mayo	1,127	8.73	6.59
Roscommon	562	9.17	6.78
Sligo	472	7.43	5.95
<b>ULSTER (PART OF)</b>	<b>1,945</b>	<b>6.98</b>	<b>6.09</b>
Cavan	487	7.30	6.27
Donegal	1,088	7.08	6.18
Monaghan	370	6.34	5.66
<b>REGIONAL AUTHORITIES:</b>			
Border	3,410	6.92	6.19
Midland	1,651	6.19	6.30
West	3,213	7.54	6.39
Dublin	7,230	5.94	6.36
Mid-East	2,466	4.79	6.42
Mid-West	2,735	7.35	6.98
South-East	3,190	6.54	6.36
South-West	4,379	6.79	6.35

**Table 3.4 Deaths in 2008 classified by marital status and sex in certain age-groups**

Age-group	Total	Single	Married	Widowed	Divorced
<b>Persons</b>					
<b>All ages</b>	<b>28,274</b>	<b>7,055</b>	<b>11,026</b>	<b>9,770</b>	<b>423</b>
0-14	404	404	-	-	-
15-19	131	131	-	-	-
20-24	186	183	3	-	-
25-29	232	219	12	1	-
30-34	247	172	72	1	2
35-39	335	192	130	1	12
40-44	432	191	211	6	24
45-49	638	212	374	11	41
50-54	845	210	555	32	48
55-59	1,237	300	810	72	55
60-64	1,716	375	1,125	143	73
65-69	2,137	416	1,351	314	56
70-74	2,821	581	1,545	644	51
75-79	3,853	846	1,759	1,218	30
80-84	4,888	985	1,665	2,222	16
85 & over	8,172	1,638	1,414	5,105	15
<b>Males</b>					
<b>All ages</b>	<b>14,457</b>	<b>4,272</b>	<b>7,301</b>	<b>2,610</b>	<b>274</b>
0-14	238	238	-	-	-
15-19	93	93	-	-	-
20-24	146	145	1	-	-
25-29	165	158	6	1	-
30-34	181	135	45	-	1
35-39	217	135	74	-	8
40-44	267	128	124	2	13
45-49	350	135	188	5	22
50-54	494	143	312	9	30
55-59	769	227	476	28	38
60-64	1,081	288	684	60	49
65-69	1,375	320	877	136	42
70-74	1,736	407	1,051	241	37
75-79	2,144	537	1,228	357	22
80-84	2,368	562	1,199	600	7
85 & over	2,833	621	1,036	1,171	5
<b>Females</b>					
<b>All ages</b>	<b>13,817</b>	<b>2,783</b>	<b>3,725</b>	<b>7,160</b>	<b>149</b>
0-14	166	166	-	-	-
15-19	38	38	-	-	-
20-24	40	38	2	-	-
25-29	67	61	6	-	-
30-34	66	37	27	1	1
35-39	118	57	56	1	4
40-44	165	63	87	4	11
45-49	288	77	186	6	19
50-54	351	67	243	23	18
55-59	468	73	334	44	17
60-64	635	87	441	83	24
65-69	762	96	474	178	14
70-74	1,085	174	494	403	14
75-79	1,709	309	531	861	8
80-84	2,520	423	466	1,622	9
85 & over	5,339	1,017	378	3,934	10

**Table 3.5 Deaths by area in 2008 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
	<b>STATE</b>	<b>14,457</b>	<b>13,817</b>	<b>3,766</b>	<b>4,590</b>	<b>27</b>	<b>30</b>	<b>6,532</b>	<b>6,087</b>	<b>4,132</b>
<b>LEINSTER</b>	6,975	6,968	2,609	3,108	10	7	2,627	2,469	1,729	1,384
Carlow	169	158	19	23	-	1	81	91	69	43
Dublin City	2,007	2,162	1,036	1,258	2	2	537	586	432	316
South Dublin	465	423	301	273	-	-	101	105	63	45
Fingal	416	470	263	310	2	2	86	86	65	72
Dun Laoghaire-Rathdown	604	683	333	411	-	-	184	177	87	95
Kildare	486	411	121	129	1	-	225	187	139	95
Kilkenny	300	285	45	57	1	-	160	132	94	96
Laois	182	194	22	42	-	-	113	101	47	51
Longford	139	143	27	52	-	-	72	59	40	32
Louth	384	366	63	85	-	-	213	190	108	91
Meath	449	383	117	134	-	1	184	133	148	115
Offaly	252	213	41	59	3	-	119	94	89	60
Westmeath	255	273	42	65	-	-	141	144	72	64
Wexford	485	449	57	105	1	-	254	219	173	125
Wicklow	382	355	122	105	-	1	157	165	103	84
<b>MUNSTER</b>	4,417	4,041	763	945	15	23	2,227	2,086	1,412	987
Clare	437	375	38	42	-	-	262	235	137	98
Cork City	512	538	162	219	-	3	181	183	169	133
Cork County	1,139	1,031	242	248	1	3	536	517	360	263
Kerry	627	532	83	96	-	-	343	293	201	143
Limerick City	251	226	26	43	-	-	160	144	65	39
Limerick County	432	409	49	77	14	16	224	206	145	110
North Tipperary	336	269	63	80	-	1	152	135	121	53
South Tipperary	310	298	60	70	-	-	156	156	94	72
Waterford City	142	142	6	25	-	-	92	91	44	26
Waterford County	231	221	34	45	-	-	121	126	76	50
<b>CONNACHT</b>	2,045	1,883	266	370	1	-	1,152	1,026	626	487
Galway City	162	167	15	34	-	-	94	91	53	42
Galway County	627	568	112	123	-	-	332	299	183	146
Leitrim	132	111	15	19	-	-	75	58	42	34
Mayo	586	541	70	113	-	-	318	275	198	153
Roscommon	295	267	41	48	1	-	160	149	93	70
Sligo	243	229	13	33	-	-	173	154	57	42
<b>ULSTER (Part of)</b>	1,020	925	128	167	1	-	526	506	365	252
Cavan	258	229	42	37	-	-	125	118	91	74
Donegal	566	522	63	100	-	-	295	289	208	133
Monaghan	196	174	23	30	1	-	106	99	66	45
<b>REGIONAL AUTHORITIES:</b>										
Border	1,779	1,631	219	304	1	-	987	908	572	419
Midland	828	823	132	218	3	-	445	398	248	207
West	1,670	1,543	238	318	1	-	904	814	527	411
Dublin	3,492	3,738	1,933	2,252	4	4	908	954	647	528
Mid-East	1,317	1,149	360	368	1	2	566	485	390	294
Mid-West	1,456	1,279	176	242	14	17	798	720	468	300
South-East	1,637	1,553	221	325	2	1	864	815	550	412
South-West	2,278	2,101	487	563	1	6	1,060	993	730	539

**Table 3.6 Deaths in 2008 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
<b>STATE</b>	<b>28,274</b>	<b>336</b>	<b>68</b>	<b>317</b>	<b>479</b>	<b>767</b>	<b>1,483</b>	<b>2,953</b>	<b>4,958</b>	<b>8,741</b>	<b>8,172</b>
LEINSTER	13,943	181	33	167	276	416	797	1,522	2,453	4,299	3,799
Carlow	327	5	-	4	4	8	18	41	55	114	78
Dublin City	4,169	37	5	46	102	130	208	402	742	1,338	1,159
South Dublin	888	15	2	19	36	42	76	144	173	240	141
Fingal	886	23	3	12	16	34	71	126	163	227	211
Dun Laoghaire-Rathdown	1,287	7	1	6	7	30	67	121	228	395	425
Kildare	897	22	6	15	15	37	53	125	151	237	236
Kilkenny	585	6	3	5	4	14	31	52	103	200	167
Laois	376	9	1	3	3	6	16	32	68	127	111
Longford	282	5	-	3	6	7	12	26	50	96	77
Louth	750	4	1	7	13	19	43	81	110	237	235
Meath	832	20	2	14	19	21	48	93	146	237	232
Offaly	465	3	2	8	9	11	24	40	68	166	134
Westmeath	528	4	-	7	9	7	33	59	86	161	162
Wexford	934	12	3	13	18	25	47	97	184	293	242
Wicklow	737	9	4	5	15	25	50	83	126	231	189
MUNSTER	8,458	99	27	97	124	219	426	891	1,522	2,583	2,470
Clare	812	13	2	17	10	21	37	88	150	229	245
Cork City	1,050	7	3	14	23	33	56	113	206	332	263
Cork County	2,170	31	5	30	38	51	118	224	371	640	662
Kerry	1,159	13	3	9	8	21	63	122	207	368	345
Limerick City	477	3	4	5	9	13	30	72	82	137	122
Limerick County	841	9	3	6	7	18	42	80	151	280	245
North Tipperary	605	6	2	5	6	14	27	47	115	199	184
South Tipperary	608	8	1	5	11	29	19	68	90	194	183
Waterford City	284	3	1	2	3	7	13	35	67	79	74
Waterford County	452	6	3	4	9	12	21	42	83	125	147
CONNACHT	3,928	38	6	31	45	90	178	353	672	1,240	1,275
Galway City	329	8	-	4	7	19	25	32	65	75	94
Galway County	1,195	8	1	12	12	28	57	95	192	390	400
Leitrim	243	-	-	-	5	8	5	31	31	83	80
Mayo	1,127	10	2	7	10	20	57	106	191	364	360
Roscommon	562	5	1	4	6	8	20	52	119	169	178
Sligo	472	7	2	4	5	7	14	37	74	159	163
ULSTER (Part of)	1,945	18	2	22	34	42	82	187	311	619	628
Cavan	487	3	-	6	10	11	30	61	76	138	152
Donegal	1,088	12	2	11	22	24	36	91	175	348	367
Monaghan	370	3	-	5	2	7	16	35	60	133	109
REGIONAL AUTHORITIES:											
Border	3,410	29	5	33	57	76	144	336	526	1,098	1,106
Midland	1,651	21	3	21	27	31	85	157	272	550	484
West	3,213	31	4	27	35	75	159	285	567	998	1,032
Dublin	7,230	82	11	83	161	236	422	793	1,306	2,200	1,936
Mid-East	2,466	51	12	34	49	83	151	301	423	705	657
Mid-West	2,735	31	11	33	32	66	136	287	498	845	796
South-East	3,190	40	11	33	49	95	149	335	582	1,005	891
South-West	4,379	51	11	53	69	105	237	459	784	1,340	1,270

**Table 3.7 Deaths in 2008 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
<b>A00-Y89</b>	<b>0</b>	<b>All causes</b>	<b>28,274</b>	<b>639.4</b>	<b>14,649</b>	<b>825.3</b>
A00-B99	1	I Infectious and parasitic diseases	219	5.0	183	10.3
C00-D48	6	II Neoplasms	8,389	189.7	4,086	230.2
D50-D89	25	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	77	1.7	36	2.0
E00-E90	26	IV Endocrine, nutritional and metabolic diseases	649	14.7	254	14.3
F00-F99	28	V Mental and behavioural disorders	416	9.4	575	32.4
G00-G99	31	VI Diseases of the nervous system	930	21.0 }	*	*
H00-H59	31	VII Diseases of the eye and adnexa	1	0.0 }	600	33.8
H60-H95	31	VIII Diseases of the ear and mastoid process	-	- }	*	*
I00-I99	33	IX Diseases of the circulatory system	9,956	225.1	4,752	267.7
J00-J99	37	X Diseases of the respiratory system	3,522	79.6	2,096	118.1
K00-K93	42	XI Diseases of the digestive system	1,129	25.5	682	38.4
L00-L99	45	XII Diseases of the skin and subcutaneous tissue	52	1.2	24	1.4
M00-M99	46	XIII Diseases of musculoskeletal system and connective tissue	227	5.1	85	4.8
N00-N99	48	XIV Diseases of genitourinary system	567	12.8	400	22.5
O00-O99	50	XV Complications of pregnancy, childbirth and puerperium	3	0.1	0	0.0
P00-P96	51	XVI Certain conditions originating in the perinatal period	129	2.9	67	3.8
Q00-Q99	52	XVII Congenital malformations and chromosomal abnormalities	194	4.4	74	4.2
R00-R99	55	XVIII Symptoms, signs, abnormal findings, ill-defined causes	93	2.1	139	7.8
V01-Y89	58	XX External causes of injury and poisoning	1,721	38.9	854	48.1

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

**Table 3.8 Deaths in 2008 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
<b>A00-Y89</b>	<b>All causes</b>	<b>28,274</b>	<b>14,457</b>	<b>13,817</b>	<b>100</b>	<b>100</b>	<b>100</b>
A00-B99	I Infectious and parasitic diseases	219	106	113	0.8	0.7	0.8
C00-D48	II Neoplasms	8,389	4,400	3,989	29.7	30.4	28.9
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	77	45	32	0.3	0.3	0.2
E00-E90	IV Endocrine, nutritional and metabolic diseases	649	315	334	2.3	2.2	2.4
F00-F99	V Mental and behavioural disorders	416	145	271	1.5	1.0	2.0
G00-G99	VI Diseases of the nervous system	930	457	473	3.3	3.2	3.4
H00-H59	VII Diseases of the eye and adnexa	1	1	-	0.0	0.0	-
H60-H95	VIII Diseases of the ear and mastoid process	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	9,956	4,967	4,989	35.2	34.4	36.1
J00-J99	X Diseases of the respiratory system	3,522	1,641	1,881	12.5	11.4	13.6
K00-K93	XI Diseases of the digestive system	1,129	570	559	4.0	3.9	4.0
L00-L99	XII Diseases of the skin and subcutaneous tissue	52	13	39	0.2	0.1	0.3
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	227	75	152	0.8	0.5	1.1
N00-N99	XIV Diseases of genitourinary system	567	275	292	2.0	1.9	2.1
O00-O99	XV Complications of pregnancy, childbirth and puerperium	3	-	3	0.0	-	0.0
P00-P96	XVI Certain conditions originating in the perinatal period	129	75	54	0.5	0.5	0.4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	194	105	89	0.7	0.7	0.6
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	93	52	41	0.3	0.4	0.3
V01-Y89	XX External causes of injury and poisoning	1,721	1,215	506	6.1	8.4	3.7

**Table 3.9 Deaths in 2008 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
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>14,457</b>	<b>192</b>	<b>46</b>	<b>239</b>	<b>346</b>	<b>484</b>	<b>844</b>	<b>1,850</b>	<b>3,111</b>	<b>4,512</b>	<b>2,833</b>
		<b>F</b>	<b>13,817</b>	<b>144</b>	<b>22</b>	<b>78</b>	<b>133</b>	<b>283</b>	<b>639</b>	<b>1,103</b>	<b>1,847</b>	<b>4,229</b>	<b>5,339</b>
A00-B99	I Infectious and parasitic diseases	M	106	1	1	1	5	11	9	11	20	31	16
		F	113	4	-	1	9	4	4	9	11	33	38
C00-D48	II Neoplasms	M	4,400	2	14	12	27	90	260	763	1,307	1,384	541
		F	3,989	7	5	5	31	128	367	670	894	1,175	707
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	45	2	-	2	1	2	5	8	5	7	13
		F	32	1	-	-	-	2	-	1	6	9	13
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	315	-	1	6	5	7	11	25	72	121	67
		F	334	-	2	10	7	5	7	21	49	111	122
F00-F99	V Mental and behavioural disorders	M	145	-	-	-	-	1	-	1	6	59	78
		F	271	1	1	-	1	1	2	1	16	67	181
G00-G99	VI Diseases of the nervous system	M	457	9	4	16	8	18	24	51	87	162	78
		F	473	2	3	6	9	13	17	38	47	152	186
H00-H59	VII Diseases of the eye and adnexa	M	1	-	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	4,967	1	2	8	21	87	242	576	1,034	1,765	1,231
		F	4,989	1	1	2	14	35	94	178	447	1,651	2,566
J00-J99	X Diseases of the respiratory system	M	1,641	2	2	2	7	7	23	106	297	652	543
		F	1,881	-	1	-	1	9	24	59	199	626	962
K00-K93	XI Diseases of the digestive system	M	570	1	1	3	10	39	74	117	141	114	70
		F	559	-	-	-	4	21	50	53	81	154	196
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	13	-	-	-	-	-	-	-	5	3	5
		F	39	-	-	-	-	-	1	1	4	15	18
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	75	-	-	1	-	-	1	13	17	25	18
		F	152	-	-	-	2	2	4	11	15	50	68
N00-N99	XIV Diseases of genitourinary system	M	275	-	-	1	-	1	4	14	29	98	128
		F	292	-	-	-	-	3	2	3	23	104	157
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	2	1	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	75	75	-	-	-	-	-	-	-	-	-
		F	54	54	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	105	73	1	5	4	6	6	7	3	-	-
		F	89	59	1	6	5	5	3	3	3	3	1
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	52	18	-	1	4	5	4	5	1	7	7
		F	41	10	-	1	2	1	1	3	1	4	18
V01-Y89	XX External causes of injury and poisoning	M	1,215	8	20	181	254	209	181	153	87	84	38
		F	506	5	8	47	46	53	63	52	51	75	106

**Table 3.10 Percentage of deaths in 2008 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
			%	%	%	%	%	%	%	%	%	%	%
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>100</b>										
		<b>F</b>	<b>100</b>										
A00-B99	I Infectious and parasitic diseases	M	0.7	0.5	2.2	0.4	1.4	2.3	1.1	0.6	0.6	0.7	0.6
		F	0.8	2.8	-	1.3	6.8	1.4	0.6	0.8	0.6	0.8	0.7
C00-D48	II Neoplasms	M	30.4	1.0	30.4	5.0	7.8	18.6	30.8	41.2	42.0	30.7	19.1
		F	28.9	4.9	22.7	6.4	23.3	45.2	57.4	60.7	48.4	27.8	13.2
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	0.3	1.0	-	0.8	0.3	0.4	0.6	0.4	0.2	0.2	0.5
		F	0.2	0.7	-	-	-	0.7	-	0.1	0.3	0.2	0.2
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2.2	-	2.2	2.5	1.4	1.4	1.3	1.4	2.3	2.7	2.4
		F	2.4	-	9.1	12.8	5.3	1.8	1.1	1.9	2.7	2.6	2.3
F00-F99	V Mental and behavioural disorders	M	1.0	-	-	-	-	0.2	-	0.1	0.2	1.3	2.8
		F	2.0	0.7	4.5	-	0.8	0.4	0.3	0.1	0.9	1.6	3.4
G00-G99	VI Diseases of the nervous system	M	3.2	4.7	8.7	6.7	2.3	3.7	2.8	2.8	2.8	3.6	2.8
		F	3.4	1.4	13.6	7.7	6.8	4.6	2.7	3.4	2.5	3.6	3.5
H00-H59	VII Diseases of the eye and adnexa	M	0.0	-	-	-	-	0.2	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	34.4	0.5	4.3	3.3	6.1	18.0	28.7	31.1	33.2	39.1	43.5
		F	36.1	0.7	4.5	2.6	10.5	12.4	14.7	16.1	24.2	39.0	48.1
J00-J99	X Diseases of the respiratory system	M	11.4	1.0	4.3	0.8	2.0	1.4	2.7	5.7	9.5	14.5	19.2
		F	13.6	-	4.5	-	0.8	3.2	3.8	5.3	10.8	14.8	18.0
K00-K93	XI Diseases of the digestive system	M	3.9	0.5	2.2	1.3	2.9	8.1	8.8	6.3	4.5	2.5	2.5
		F	4.0	-	-	-	3.0	7.4	7.8	4.8	4.4	3.6	3.7
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	0.1	-	-	-	-	-	-	-	0.2	0.1	0.2
		F	0.3	-	-	-	-	-	0.2	0.1	0.2	0.4	0.3
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	0.5	-	-	0.4	-	-	0.1	0.7	0.5	0.6	0.6
		F	1.1	-	-	-	1.5	0.7	0.6	1.0	0.8	1.2	1.3
N00-N99	XIV Diseases of genitourinary system	M	1.9	-	-	0.4	-	0.2	0.5	0.8	0.9	2.2	4.5
		F	2.1	-	-	-	-	1.1	0.3	0.3	1.2	2.5	2.9
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	0.0	-	-	-	1.5	0.4	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	0.5	39.1	-	-	-	-	-	-	-	-	-
		F	0.4	37.5	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	0.7	38.0	2.2	2.1	1.2	1.2	0.7	0.4	0.1	-	-
		F	0.6	41.0	4.5	7.7	3.8	1.8	0.5	0.3	0.2	0.1	0.0
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	0.4	9.4	-	0.4	1.2	1.0	0.5	0.3	0.0	0.2	0.2
		F	0.3	6.9	-	1.3	1.5	0.4	0.2	0.3	0.1	0.1	0.3
V01-Y89	XX External causes of injury and poisoning	M	8.4	4.2	43.5	75.7	73.4	43.2	21.4	8.3	2.8	1.9	1.3
		F	3.7	3.5	36.4	60.3	34.6	18.7	9.9	4.7	2.8	1.8	2.0

**Table 3.11 Deaths in 2008 classified by underlying cause of death, area of residence and sex**

ICD-10 code	Underlying cause of death	Sex	State	Leinster	Munster	Connacht	Ulster (Part of)	Carlow	Dublin City	South Dublin	Fingal	Dun Laoghaire +Rathdown
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>14,457</b>	<b>6,975</b>	<b>4,417</b>	<b>2,045</b>	<b>1,020</b>	<b>169</b>	<b>2,007</b>	<b>465</b>	<b>416</b>	<b>604</b>
		<b>F</b>	<b>13,817</b>	<b>6,968</b>	<b>4,041</b>	<b>1,883</b>	<b>925</b>	<b>158</b>	<b>2,162</b>	<b>423</b>	<b>470</b>	<b>683</b>
A00-B99	I Infectious and parasitic diseases	M	106	59	23	14	10	-	30	6	1	5
		F	113	62	26	13	12	2	17	4	6	3
C00-D48	II Neoplasms	M	4,400	2,136	1,334	618	312	62	593	153	134	204
		F	3,989	2,094	1,152	495	248	44	636	145	164	220
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	45	17	18	4	6	-	6	1	-	1
		F	32	17	8	3	4	-	6	1	1	4
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	315	134	107	49	25	-	34	4	6	2
		F	334	150	103	53	28	6	35	9	7	15
F00-F99	V Mental and behavioural disorders	M	145	69	59	16	1	2	30	3	4	5
		F	271	153	79	24	15	4	62	8	14	17
G00-G99	VI Diseases of the nervous system	M	457	219	145	64	29	4	49	15	18	28
		F	473	245	116	74	38	8	68	11	17	15
H00-H59	VII Diseases of the eye and adnexa	M	1	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	4,967	2,320	1,555	747	345	56	631	137	143	199
		F	4,989	2,367	1,536	742	344	45	759	120	137	229
J00-J99	X Diseases of the respiratory system	M	1,641	801	455	240	145	18	237	51	32	70
		F	1,881	959	546	254	122	30	296	56	55	99
K00-K93	XI Diseases of the digestive system	M	570	322	152	64	32	4	125	19	19	36
		F	559	306	155	59	39	7	99	24	20	26
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	13	3	8	1	1	-	2	-	-	-
		F	39	20	12	6	1	1	7	1	-	2
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	75	37	24	10	4	1	8	3	2	4
		F	152	65	44	32	11	1	20	4	-	12
N00-N99	XIV Diseases of genitourinary system	M	275	119	84	45	27	6	33	5	8	12
		F	292	146	80	43	23	4	54	5	12	15
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	3	2	1	-	-	-	1	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	75	41	24	6	4	1	12	5	1	3
		F	54	38	9	6	1	-	7	4	9	1
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	105	46	38	17	4	4	4	3	7	1
		F	89	48	23	9	9	1	7	7	6	2
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	52	25	18	3	6	-	5	2	1	1
		F	41	18	14	7	2	-	1	2	1	-
V01-Y89	XX External causes of injury and poisoning	M	1,215	627	373	146	69	11	208	58	40	33
		F	506	278	137	63	28	5	87	22	21	23

**Table 3.11 (continued) Deaths in 2008 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
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>486</b>	<b>300</b>	<b>182</b>	<b>139</b>	<b>384</b>	<b>449</b>	<b>252</b>	<b>255</b>	<b>485</b>
		<b>F</b>	<b>411</b>	<b>285</b>	<b>194</b>	<b>143</b>	<b>366</b>	<b>383</b>	<b>213</b>	<b>273</b>	<b>449</b>
A00-B99	I Infectious and parasitic diseases	M	2	-	1	1	2	4	1	-	2
		F	6	1	1	2	4	2	2	2	6
C00-D48	II Neoplasms	M	126	103	53	34	112	127	70	83	168
		F	121	92	50	43	95	120	61	72	118
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	3	1	-	1	2	2	-	-	-
		F	-	1	1	-	-	-	-	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	10	4	2	3	11	16	7	8	15
		F	9	5	3	4	6	7	3	8	20
F00-F99	V Mental and behavioural disorders	M	4	1	3	-	2	2	1	1	6
		F	10	6	2	-	4	4	3	2	8
G00-G99	VI Diseases of the nervous system	M	14	9	8	3	17	27	2	8	6
		F	17	14	6	5	20	16	10	9	16
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	176	107	71	60	125	147	99	90	156
		F	130	98	73	50	131	123	80	115	169
J00-J99	X Diseases of the respiratory system	M	51	39	25	13	42	48	38	30	53
		F	63	36	32	21	58	43	30	36	51
K00-K93	XI Diseases of the digestive system	M	24	9	4	6	20	15	5	4	17
		F	12	7	9	7	19	17	10	16	21
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	1	-	-
		F	1	1	-	1	3	3	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	6	2	-	2	4	2	1	-	2
		F	4	2	1	2	2	1	6	1	6
N00-N99	XIV Diseases of genitourinary system	M	9	7	3	1	4	5	1	7	9
		F	11	7	5	3	4	12	-	3	8
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	1
P00-P96	XVI Certain conditions originating in the perinatal period	M	4	1	-	1	2	5	1	-	1
		F	3	2	3	-	-	4	-	1	4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	8	3	2	1	-	5	1	2	3
		F	6	-	1	1	1	6	-	2	4
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	5	1	1	2	3	1	2	-	1
		F	2	-	-	1	6	3	-	-	-
V01-Y89	XX External causes of injury and poisoning	M	44	13	9	11	38	43	22	22	46
		F	16	13	7	3	13	22	8	6	16

**Table 3.11 (continued) Deaths in 2008 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
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>382</b>	<b>437</b>	<b>512</b>	<b>1,139</b>	<b>627</b>	<b>251</b>	<b>432</b>	<b>336</b>	<b>310</b>	<b>142</b>
		<b>F</b>	<b>355</b>	<b>375</b>	<b>538</b>	<b>1,031</b>	<b>532</b>	<b>226</b>	<b>409</b>	<b>269</b>	<b>298</b>	<b>142</b>
A00-B99	I Infectious and parasitic diseases	M	4	3	1	8	1	1	-	3	2	3
		F	4	5	2	9	3	2	2	1	1	1
C00-D48	II Neoplasms	M	114	123	144	344	186	80	132	91	105	52
		F	113	105	165	275	138	64	104	83	91	50
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	1	1	7	1	-	2	1	3	-
		F	2	2	1	3	-	-	1	-	1	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	12	14	9	31	14	2	10	9	12	4
		F	13	11	12	25	25	2	9	6	7	1
F00-F99	V Mental and behavioural disorders	M	5	6	11	14	7	2	3	6	1	4
		F	9	8	15	22	7	2	8	8	3	1
G00-G99	VI Diseases of the nervous system	M	11	14	16	36	26	7	22	8	4	3
		F	13	6	24	26	17	6	16	3	10	2
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	123	152	196	408	225	80	148	137	96	43
		F	108	139	188	404	207	90	151	116	116	45
J00-J99	X Diseases of the respiratory system	M	54	54	43	94	80	33	51	30	28	13
		F	53	56	63	133	70	30	80	26	40	20
K00-K93	XI Diseases of the digestive system	M	15	10	29	33	19	7	19	7	14	10
		F	12	16	21	36	27	11	9	13	7	11
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	1	-	2	1	-	1	-	-	-
		F	-	1	-	3	1	2	3	1	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	3	1	12	4	1	1	-	-	1
		F	3	5	6	18	4	1	1	2	4	2
N00-N99	XIV Diseases of genitourinary system	M	9	12	8	17	9	5	9	8	11	1
		F	3	4	9	19	13	7	9	3	9	3
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	1	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	4	6	-	7	2	1	4	1	1	1
		F	-	2	-	3	1	-	1	-	1	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	2	2	3	14	5	2	2	5	3	-
		F	4	2	2	10	3	-	2	1	2	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	2	2	4	1	3	2	-	2	2
		F	2	-	3	6	2	1	-	-	1	-
V01-Y89	XX External causes of injury and poisoning	M	29	34	48	108	46	27	26	30	28	5
		F	16	13	27	38	14	8	13	6	5	6

**Table 3.11 (continued) Deaths in 2008 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
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>231</b>	<b>162</b>	<b>627</b>	<b>132</b>	<b>586</b>	<b>295</b>	<b>243</b>	<b>258</b>	<b>566</b>	<b>196</b>
		<b>F</b>	<b>221</b>	<b>167</b>	<b>568</b>	<b>111</b>	<b>541</b>	<b>267</b>	<b>229</b>	<b>229</b>	<b>522</b>	<b>174</b>
A00-B99	I Infectious and parasitic diseases	M	1	2	4	-	2	5	1	1	6	3
		F	-	1	3	-	6	3	-	4	4	4
C00-D48	II Neoplasms	M	77	52	188	39	183	81	75	81	175	56
		F	77	57	144	32	153	60	49	62	143	43
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	2	1	-	-	3	-	-	1	4	1
		F	-	-	1	-	2	-	-	1	3	-
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	2	2	15	2	17	4	9	9	9	7
		F	5	1	14	2	19	8	9	13	10	5
F00-F99	V Mental and behavioural disorders	M	5	2	6	2	2	3	1	-	1	-
		F	5	2	5	2	6	8	1	2	11	2
G00-G99	VI Diseases of the nervous system	M	9	9	13	2	14	12	14	9	15	5
		F	6	6	25	4	25	6	8	9	23	6
H00-H59	VII Diseases of the eye and adnexa	M	-	-	1	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	70	49	228	43	210	125	92	83	183	79
		F	80	48	213	42	218	115	106	86	192	66
J00-J99	X Diseases of the respiratory system	M	29	18	78	22	71	29	22	30	91	24
		F	28	25	87	18	52	43	29	25	74	23
K00-K93	XI Diseases of the digestive system	M	4	4	22	5	17	11	5	11	17	4
		F	4	6	23	2	19	5	4	9	23	7
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	3	-	-	-	-	1	-	-	1	-
		F	1	-	2	-	3	1	-	1	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	1	-	5	1	2	-	2	-	4	-
		F	1	2	9	3	9	3	6	1	5	5
N00-N99	XIV Diseases of genitourinary system	M	4	1	12	6	17	5	4	6	19	2
		F	4	5	16	1	13	3	5	3	15	5
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	M	1	2	1	-	1	-	2	1	3	-
		F	1	4	-	-	1	-	1	1	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	2	2	7	-	3	1	4	-	2	2
		F	1	-	2	1	3	1	2	1	6	2
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	-	-	-	2	1	-	3	3	-
		F	1	-	5	-	-	2	-	-	2	-
V01-Y89	XX External causes of injury and poisoning	M	21	18	47	10	42	17	12	23	33	13
		F	7	10	19	4	12	9	9	11	11	6

**Table 3.11 (continued) Deaths in 2008 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
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>1,779</b>	<b>828</b>	<b>1,670</b>	<b>3,492</b>	<b>1,317</b>	<b>1,456</b>	<b>1,637</b>	<b>2,278</b>
		<b>F</b>	<b>1,631</b>	<b>823</b>	<b>1,543</b>	<b>3,738</b>	<b>1,149</b>	<b>1,279</b>	<b>1,553</b>	<b>2,101</b>
A00-B99	I Infectious and parasitic diseases	M	13	3	13	42	10	7	8	10
		F	16	7	13	30	12	10	11	14
C00-D48	II Neoplasms	M	538	240	504	1,084	367	426	567	674
		F	424	226	414	1,165	354	356	472	578
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	8	1	4	8	5	4	6	9
		F	4	1	3	12	2	3	3	4
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	47	20	38	46	38	35	37	54
		F	45	18	42	66	29	28	44	62
F00-F99	V Mental and behavioural disorders	M	6	5	13	42	11	17	19	32
		F	22	7	21	101	23	26	27	44
G00-G99	VI Diseases of the nervous system	M	62	21	48	110	52	51	35	78
		F	70	30	62	111	46	31	56	67
H00-H59	VII Diseases of the eye and adnexa	M	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	605	320	612	1,110	446	517	528	829
		F	623	318	594	1,245	361	496	553	799
J00-J99	X Diseases of the respiratory system	M	231	106	196	390	153	168	180	217
		F	227	119	207	506	159	192	205	266
K00-K93	XI Diseases of the digestive system	M	62	19	54	199	54	43	58	81
		F	64	42	53	169	41	49	57	84
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	1	1	1	2	-	2	3	3
		F	4	1	6	10	4	7	3	4
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	11	3	7	17	8	5	7	17
		F	22	10	23	36	8	9	16	28
N00-N99	XIV Diseases of genitourinary system	M	41	12	35	58	23	34	38	34
		F	33	11	37	86	26	23	35	41
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	8	2	4	21	13	12	6	9
		F	2	4	5	21	7	3	8	4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	8	6	13	15	15	11	15	22
		F	13	4	6	22	16	5	8	15
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	9	5	3	9	6	7	6	7
		F	8	1	7	4	7	1	2	11
V01-Y89	XX External causes of injury and poisoning	M	129	64	124	339	116	117	124	202
		F	54	24	50	153	54	40	52	79

**Table 3.12 Standardised death rates per 1,000 population by area of residence of deceased in 2008 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
<b>STATE</b>	<b>1.90</b>	<b>2.25</b>	<b>0.80</b>	<b>0.39</b>
<b>LEINSTER</b>	1.77	1.96	0.74	0.38
Carlow	2.02	1.92	0.91	0.30
Dublin City	2.33	2.63	1.01	0.56
South Dublin	1.16	1.00	0.42	0.31
Fingal	1.19	1.12	0.35	0.24
Dun Laoghaire-Rathdown	2.10	2.11	0.84	0.28
Kildare	1.27	1.57	0.59	0.31
Kilkenny	2.14	2.24	0.82	0.28
Laois	1.47	2.06	0.81	0.23
Longford	2.15	3.07	0.95	0.39
Louth	1.78	2.21	0.86	0.44
Meath	1.45	1.59	0.54	0.38
Offaly	1.77	2.42	0.92	0.41
Westmeath	1.87	2.48	0.80	0.34
Wexford	2.08	2.37	0.76	0.45
Wicklow	1.72	1.76	0.81	0.34
<b>MUNSTER</b>	2.03	2.53	0.82	0.42
Clare	1.97	2.51	0.95	0.41
Cork City	2.48	3.08	0.85	0.60
Cork County	1.64	2.15	0.60	0.39
Kerry	2.22	2.96	1.03	0.41
Limerick City	2.31	2.73	1.01	0.56
Limerick County	1.82	2.31	1.01	0.30
North Tipperary	2.53	3.67	0.81	0.52
South Tipperary	2.26	2.44	0.78	0.38
Waterford City	2.14	1.84	0.69	0.23
Waterford County	2.37	2.31	0.88	0.43
<b>CONNACHT</b>	2.12	2.83	0.94	0.40
Galway City	1.44	1.28	0.57	0.37
Galway County	2.00	2.65	0.99	0.40
Leitrim	2.35	2.82	1.32	0.46
Mayo	2.60	3.31	0.95	0.42
Roscommon	2.30	3.92	1.17	0.42
Sligo	1.95	3.12	0.80	0.33
<b>ULSTER (Part of)</b>	2.01	2.47	0.96	0.35
Cavan	2.14	2.53	0.82	0.51
Donegal	2.07	2.44	1.07	0.29
Monaghan	1.70	2.48	0.80	0.33
<b>REGIONAL AUTHORITIES:</b>				
Border	1.95	2.49	0.93	0.37
Midland	1.75	2.39	0.84	0.33
West	2.15	2.83	0.95	0.41
Dublin	1.85	1.93	0.74	0.40
Mid-East	1.40	1.57	0.61	0.33
Mid-West	2.10	2.72	0.97	0.42
South-East	2.13	2.22	0.79	0.36
South-West	1.94	2.53	0.75	0.44

**Table 3.13 Deaths from cancer (C00-C97) in 2008 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
<b>C00-D48</b>	<b>II Neoplasms</b>	<b>8,389</b>	<b>4,400</b>	<b>3,989</b>			
<b>C00-C97</b>	<b>Malignant neoplasm</b>	<b>8,199</b>	<b>4,301</b>	<b>3,898</b>	<b>100</b>	<b>100</b>	<b>100</b>
C00-C14	Lip, oral cavity and pharynx	123	98	25	1.5	2.3	0.6
C15-C26	Digestive organs	2,535	1,444	1,091	30.9	33.6	28.0
C30-C39	Respiratory and intrathoracic organs	1,752	1,046	706	21.4	24.3	18.1
C40-C41	Bone and articular cartilage	19	11	8	0.2	0.3	0.2
C43-C44	Skin	202	125	77	2.5	2.9	2.0
C45-C49	Mesothelial and soft tissue	81	52	29	1.0	1.2	0.7
C50	Breast	742	6	736	9.0	0.1	18.9
C51-C58	Female genital organs	439	-	439	5.4	-	11.3
C60-C63	Male genital organs	522	522	-	6.4	12.1	-
C64-C68	Urinary tract	403	266	137	4.9	6.2	3.5
C69-C72	Eye, brain and other parts of central nervous system	283	163	120	3.5	3.8	3.1
C73-C75	Thyroid and other endocrine glands	36	12	24	0.4	0.3	0.6
C76-C80	Ill-defined, secondary, and unspecified sites	317	143	174	3.9	3.3	4.5
C81-C96	Lymphoid, haematopoietic and related tissue	669	371	298	8.2	8.6	7.6
C97	Independent(primary) multiple sites	76	42	34	0.9	1.0	0.9

**Table 3.14 Deaths from cancer (C00-C97) in 2008 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
<b>C00-C97</b>	<b>Malignant neoplasm</b>	<b>M</b>	<b>4,301</b>	<b>16</b>	<b>11</b>	<b>27</b>	<b>88</b>	<b>257</b>	<b>755</b>	<b>1,284</b>	<b>1,344</b>	<b>519</b>
		<b>F</b>	<b>3,898</b>	<b>11</b>	<b>5</b>	<b>31</b>	<b>127</b>	<b>365</b>	<b>666</b>	<b>879</b>	<b>1,151</b>	<b>663</b>
C00-C14	Lip, oral cavity and pharynx	M	98	-	1	1	2	10	28	29	17	10
		F	25	-	-	-	1	2	5	5	5	7
C15-C26	Digestive organs	M	1,444	-	1	4	34	93	277	463	420	152
		F	1,091	-	-	3	27	58	159	239	371	234
C30-C39	Respiratory and intrathoracic organs	M	1,046	-	-	2	15	66	210	332	342	79
		F	706	-	-	2	9	62	137	178	239	79
C40-C41	Bone and articular cartilage	M	11	-	-	1	1	-	3	1	3	2
		F	8	2	-	1	-	-	1	2	2	-
C43-C44	Skin	M	125	-	-	6	6	11	23	31	31	17
		F	77	-	1	2	1	8	11	12	16	26
C45-C49	Mesothelial and soft tissue	M	52	2	-	1	2	3	14	14	12	4
		F	29	-	-	-	2	5	7	6	5	4
C50	Breast	M	6	-	-	-	1	-	1	4	-	-
		F	736	-	1	7	39	130	152	151	142	114
C51-C58	Female genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	439	-	-	4	24	62	85	109	110	45
C60-C63	Male genital organs	M	522	-	1	1	2	9	27	119	219	144
		F	-	-	-	-	-	-	-	-	-	-
C64-C68	Urinary tract	M	266	-	-	1	4	13	44	78	92	34
		F	137	-	-	1	1	3	16	33	50	33
C69-C72	Eye, brain and other parts of central nervous system	M	163	9	2	6	10	22	44	41	25	4
		F	120	2	1	6	8	12	33	28	23	7
C73-C75	Thyroid and other endocrine glands	M	12	2	-	-	-	1	-	5	3	1
		F	24	1	1	1	3	2	4	3	4	5
C76-C80	Ill-defined, secondary, and unspecified sites	M	143	-	1	1	3	7	21	41	49	20
		F	174	1	-	2	6	4	14	46	63	38
C81-C96	Lymphoid, haematopoietic and related tissue	M	371	3	5	3	7	21	57	118	115	42
		F	298	5	1	2	6	16	37	62	108	61
C97	Independent(primary) multiple sites	M	42	-	-	-	1	1	6	8	16	10
		F	34	-	-	-	-	1	5	5	13	10

**Table 3.15 Deaths from cancer (C00-C97) in 2008 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)
<b>STATE</b>	<b>8,199</b>	<b>2,535</b>	<b>1,752</b>	<b>742</b>	<b>439</b>	<b>522</b>	<b>250</b>	<b>1,959</b>
<b>LEINSTER</b>	<b>4,123</b>	<b>1,219</b>	<b>941</b>	<b>401</b>	<b>207</b>	<b>248</b>	<b>133</b>	<b>974</b>
Carlow	105	37	24	4	6	12	2	20
Dublin City	1,203	352	294	102	69	58	36	292
South Dublin	293	77	78	34	13	18	11	62
Fingal	292	83	67	42	10	15	11	64
Dun Laoghaire-Rathdown	410	122	82	52	18	24	13	99
Kildare	240	66	58	21	15	9	8	63
Kilkenny	195	67	37	16	12	19	6	38
Laois	98	25	21	8	7	8	4	25
Longford	73	19	19	8	6	4	1	16
Louth	202	48	60	25	5	13	5	46
Meath	239	75	41	22	12	16	9	64
Offaly	128	51	25	8	9	6	3	26
Westmeath	146	40	37	12	6	9	5	37
Wexford	274	78	56	28	13	20	10	69
Wicklow	225	79	42	19	6	17	9	53
<b>MUNSTER</b>	<b>2,440</b>	<b>787</b>	<b>490</b>	<b>214</b>	<b>144</b>	<b>159</b>	<b>61</b>	<b>585</b>
Clare	226	72	41	28	9	14	8	54
Cork City	305	100	58	27	30	15	5	70
Cork County	603	204	118	54	39	37	14	137
Kerry	322	102	65	23	23	21	12	76
Limerick City	142	35	28	10	8	12	4	45
Limerick County	226	65	49	17	9	19	9	58
North Tipperary	173	56	43	14	7	8	4	41
South Tipperary	191	72	43	15	9	16	2	34
Waterford City	100	34	17	14	3	8	2	22
Waterford County	152	47	28	12	7	9	1	48
<b>CONNACHT</b>	<b>1,085</b>	<b>333</b>	<b>198</b>	<b>91</b>	<b>61</b>	<b>76</b>	<b>44</b>	<b>282</b>
Galway City	106	31	19	11	9	4	5	27
Galway County	318	87	63	26	14	31	17	80
Leitrim	68	27	13	6	2	3	2	15
Mayo	332	103	62	31	24	14	11	87
Roscommon	137	46	24	7	5	13	5	37
Sligo	124	39	17	10	7	11	4	36
<b>ULSTER (Part of)</b>	<b>551</b>	<b>196</b>	<b>123</b>	<b>36</b>	<b>27</b>	<b>39</b>	<b>12</b>	<b>118</b>
Cavan	139	47	31	12	7	11	2	29
Donegal	314	109	70	18	14	20	10	73
Monaghan	98	40	22	6	6	8	-	16
<b>REGIONAL AUTHORITIES:</b>								
Border	945	310	213	77	41	66	23	215
Midland	445	135	102	36	28	27	13	104
West	893	267	168	75	52	62	38	231
Dublin	2,198	634	521	230	110	115	71	517
Mid-East	704	220	141	62	33	42	26	180
Mid-West	767	228	161	69	33	53	25	198
South-East	1,017	335	205	89	50	84	23	231
South-West	1,230	406	241	104	92	73	31	283

**Table 3.16 Deaths from diseases of the circulatory system (I00-I99) in 2008 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
<b>I00-I99</b>	<b>IX Diseases of the circulatory system</b>	<b>9,956</b>	<b>4,967</b>	<b>4,989</b>	<b>100</b>	<b>100</b>	<b>100</b>
I00-I02	Acute Rheumatic fever	3	-	3	0.0	-	0.1
I05-I09	Chronic rheumatic heart diseases	51	13	38	0.5	0.3	0.8
I10-I15	Hypertensive diseases	332	130	202	3.3	2.6	4.0
I20-I25	Ischaemic heart diseases	5,185	2,933	2,252	52.1	59.0	45.1
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	188	82	106	1.9	1.7	2.1
I30-I52	Other forms of heart disease	1,500	639	861	15.1	12.9	17.3
I60-I69	Cerebrovascular diseases	2,142	881	1,261	21.5	17.7	25.3
I70-I179	Diseases of the arteries, arterioles and capillaries	501	273	228	5.0	5.5	4.6
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	50	13	37	0.5	0.3	0.7
I95-I99	Other and unspecified disorders of the circulatory system	4	3	1	0.0	0.1	0.0

**Table 3.17 Deaths from diseases of the circulatory system (I00-I99) in 2008 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
<b>I00-I99</b>	<b>IX Diseases of the circulatory system</b>	<b>M</b>	<b>4,967</b>	<b>3</b>	<b>8</b>	<b>21</b>	<b>87</b>	<b>242</b>	<b>576</b>	<b>1,034</b>	<b>1,765</b>	<b>1,231</b>
		<b>F</b>	<b>4,989</b>	<b>2</b>	<b>2</b>	<b>14</b>	<b>35</b>	<b>94</b>	<b>178</b>	<b>447</b>	<b>1,651</b>	<b>2,566</b>
I00-I02	Acute Rheumatic fever	M	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	3
I05-I09	Chronic rheumatic heart diseases	M	13	-	-	-	-	-	3	1	6	3
		F	38	-	-	1	-	1	4	6	11	15
I10-I15	Hypertensive diseases	M	130	-	-	-	-	7	15	21	41	46
		F	202	-	-	-	1	5	7	15	52	122
I20-I25	Ischaemic heart diseases	M	2,933	-	2	4	40	153	398	673	1,014	649
		F	2,252	-	-	4	10	26	81	218	784	1,129
I26-I28	Pulmonary heart disease and diseases of pulmonary circulation	M	82	-	-	3	2	9	15	16	24	13
		F	106	-	-	-	4	5	8	18	47	24
I30-I52	Other forms of heart disease	M	639	3	3	9	14	30	65	104	221	190
		F	861	-	1	5	7	21	25	57	258	487
I60-I69	Cerebrovascular diseases	M	881	-	3	4	26	34	64	146	342	262
		F	1,261	2	1	4	10	29	43	106	401	665
I70-I179	Diseases of the arteries, arterioles and capillaries	M	273	-	-	1	4	8	15	68	113	64
		F	228	-	-	-	2	3	7	21	81	114
I80-I89	Diseases of veins, lymphatic vessels and lymph nodes, nec	M	13	-	-	-	1	1	1	4	4	2
		F	37	-	-	-	1	4	3	6	16	7
I95-I99	Other and unspecified disorders of the circulatory system	M	3	-	-	-	-	-	-	1	-	2
		F	1	-	-	-	-	-	-	-	1	-

**Table 3.18 Deaths from diseases of the circulatory system (I00-I99) in 2008 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)
<b>STATE</b>	<b>9,956</b>	<b>5,185</b>	<b>2,641</b>	<b>2,142</b>	<b>2,629</b>
<b>LEINSTER</b>	<b>4,687</b>	<b>2,472</b>	<b>1,206</b>	<b>978</b>	<b>1,237</b>
Carlow	101	59	35	12	30
Dublin City	1,390	747	322	297	346
South Dublin	257	136	63	48	73
Fingal	280	138	52	56	86
Dun Laoghaire-Rathdown	428	224	116	100	104
Kildare	306	162	81	59	85
Kilkenny	205	110	64	42	53
Laois	144	61	26	33	50
Longford	110	62	37	25	23
Louth	256	134	68	53	69
Meath	270	147	70	50	73
Offaly	179	107	56	33	39
Westmeath	205	87	48	51	67
Wexford	325	182	104	63	80
Wicklow	231	116	64	56	59
<b>MUNSTER</b>	<b>3,091</b>	<b>1,622</b>	<b>834</b>	<b>673</b>	<b>796</b>
Clare	291	156	82	68	67
Cork City	384	198	92	91	95
Cork County	812	443	231	162	207
Kerry	432	213	121	112	107
Limerick City	170	95	55	26	49
Limerick County	299	137	82	82	80
North Tipperary	253	142	68	37	74
South Tipperary	212	111	46	46	55
Waterford City	88	48	17	12	28
Waterford County	150	79	40	37	34
<b>CONNACHT</b>	<b>1,489</b>	<b>738</b>	<b>399</b>	<b>318</b>	<b>433</b>
Galway City	97	53	26	17	27
Galway County	441	219	123	103	119
Leitrim	85	55	26	12	18
Mayo	428	202	108	80	146
Roscommon	240	125	77	57	58
Sligo	198	84	39	49	65
<b>ULSTER (Part of)</b>	<b>689</b>	<b>353</b>	<b>202</b>	<b>173</b>	<b>163</b>
Cavan	169	81	53	41	47
Donegal	375	183	116	99	93
Monaghan	145	89	33	33	23
<b>REGIONAL AUTHORITIES:</b>					
Border	1,228	626	335	287	315
Midland	638	317	167	142	179
West	1,206	599	334	257	350
Dublin	2,355	1,245	553	501	609
Mid-East	807	425	215	165	217
Mid-West	1,013	530	287	213	270
South-East	1,081	589	306	212	280
South-West	1,628	854	444	365	409

**Table 3.19 Deaths from diseases of the respiratory system (J00-J99) in 2008 classified by underlying cause of death and sex**

ICD-10 code	Underlying cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
<b>J00-J99</b>	<b>X Diseases of the respiratory system</b>	<b>3,522</b>	<b>1,641</b>	<b>1,881</b>	<b>100</b>	<b>100</b>	<b>100</b>
J00-J06	Acute upper respiratory infections	2	1	1	0.1	0.1	0.1
J10-J18	Influenza and pneumonia	1,360	527	833	38.6	32.1	44.3
J20-J22	Other acute lower respiratory infections	200	75	125	5.7	4.6	6.6
J30-J39	Other diseases of upper respiratory tract	4	3	1	0.1	0.2	0.1
J40-J47	Chronic lower respiratory diseases	1,365	717	648	38.8	43.7	34.4
J60-J70	Lung diseases due to external agents	165	99	66	4.7	6.0	3.5
J80-J84	Other respiratory diseases principally affecting the interstitium	253	151	102	7.2	9.2	5.4
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	11	5	6	0.3	0.3	0.3
J90-J94	Other disease of pleura	15	6	9	0.4	0.4	0.5
J95-J99	Other diseases of the respiratory system	147	57	90	4.2	3.5	4.8

**Table 3.20 Deaths from diseases of the respiratory system (J00-J99) in 2008 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
<b>J00-J99</b>	<b>X Diseases of the respiratory system</b>	<b>M</b>	<b>1,641</b>	<b>4</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>23</b>	<b>106</b>	<b>297</b>	<b>652</b>	<b>543</b>
		<b>F</b>	<b>1,881</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>9</b>	<b>24</b>	<b>59</b>	<b>199</b>	<b>626</b>	<b>962</b>
J00-J06	Acute upper respiratory infections	M	1	-	-	-	-	-	1	-	-	-
		F	1	-	-	-	-	-	-	-	-	1
J10-J18	Influenza and pneumonia	M	527	1	-	3	5	9	28	64	181	236
		F	833	-	-	-	6	9	18	59	196	545
J20-J22	Other acute lower respiratory infections	M	75	-	-	1	-	2	1	8	32	31
		F	125	-	-	-	-	1	2	4	29	89
J30-J39	Other diseases of upper respiratory tract	M	3	-	-	-	-	-	-	2	1	-
		F	1	-	-	-	-	-	-	-	-	1
J40-J47	Chronic lower respiratory diseases	M	717	2	2	3	-	6	55	144	311	194
		F	648	1	-	-	-	7	27	103	302	208
J60-J70	Lung diseases due to external agents	M	99	1	-	-	-	2	5	24	30	37
		F	66	-	-	-	-	2	5	3	24	32
J80-J84	Other respiratory diseases principally affecting the interstitium	M	151	-	-	-	2	4	13	42	71	19
		F	102	-	-	1	2	4	4	22	38	31
J85-J86	Suppurative and necrotic conditions of lower respiratory tract	M	5	-	-	-	-	-	2	1	1	1
		F	6	-	-	-	-	-	1	3	2	-
J90-J94	Other disease of pleura	M	6	-	-	-	-	-	-	3	3	-
		F	9	-	-	-	-	-	-	-	4	5
J95-J99	Other diseases of the respiratory system	M	57	-	-	-	-	-	1	9	22	25
		F	90	-	-	-	1	1	2	5	31	50

**Table 3.21 Deaths from diseases of the respiratory system (J00-J99) in 2008 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)
<b>STATE</b>	<b>3,522</b>	<b>1,360</b>	<b>1,365</b>	<b>797</b>
<b>LEINSTER</b>	<b>1,760</b>	<b>659</b>	<b>679</b>	<b>422</b>
Carlow	48	17	23	8
Dublin City	533	205	211	117
Fingal	107	54	35	18
Dun Laoghaire-Rathdown	87	29	31	27
South Dublin	169	65	47	57
Kildare	114	47	47	20
Kilkenny	75	36	20	19
Laois	57	9	28	20
Longford	34	17	10	7
Louth	100	29	48	23
Meath	91	34	36	21
Offaly	68	19	32	17
Westmeath	66	16	33	17
Wexford	104	39	42	23
Wicklow	107	43	36	28
<b>MUNSTER</b>	<b>1,001</b>	<b>401</b>	<b>391</b>	<b>209</b>
Clare	110	58	41	11
Cork City	106	50	37	19
Cork County	227	92	91	44
Kerry	150	57	66	27
Limerick City	63	34	19	10
Limerick County	131	46	37	48
North Tipperary	56	19	28	9
South Tipperary	68	23	37	8
Waterford City	33	9	11	13
Waterford County	57	13	24	20
<b>CONNACHT</b>	<b>494</b>	<b>191</b>	<b>188</b>	<b>115</b>
Galway City	43	15	14	14
Galway County	165	67	62	36
Leitrim	40	13	22	5
Mayo	123	42	42	39
Roscommon	72	34	27	11
Sligo	51	20	21	10
<b>ULSTER (Part of)</b>	<b>267</b>	<b>109</b>	<b>107</b>	<b>51</b>
Cavan	55	19	22	14
Donegal	165	75	61	29
Monaghan	47	15	24	8
<b>REGIONAL AUTHORITIES:</b>				
Border	458	171	198	89
Midland	225	61	103	61
West	403	158	145	100
Dublin	896	353	324	219
Mid-East	312	124	119	69
Mid-West	360	157	125	78
South-East	385	137	157	91
South-West	483	199	194	90

**Table 3.22 Deaths from external causes (V01-Y89) in 2008 classified by underlying cause of death and sex**

ICD-10 code	External cause of death	Persons	Males	Females			
					Persons	Males	Females
					%	%	%
<b>V01-Y89</b>	<b>XX External causes of injury and poisoning</b>	<b>1,721</b>	<b>1,215</b>	<b>506</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
V01-X59	Accidents	1,068	719	349	62.1	59.2	69.0
V01-V99, Y85	Transport accidents	256	190	66	14.9	15.6	13.0
V01-V89	Land transport accidents	239	177	62	13.9	14.6	12.3
V90-V99	Other transport accidents	17	13	4	1.0	1.1	0.8
W00-W19	Falls	282	140	142	16.4	11.5	28.1
W65-W74	Accidental drowning and submersion	57	46	11	3.3	3.8	2.2
X00-X09	Exposure to smoke, fire and flames	37	24	13	2.1	2.0	2.6
X30-X39	Exposure to forces of nature	8	8	-	0.5	0.7	-
X40-X49	Accidental poisoning by and exposure to noxious substances	299	231	68	17.4	19.0	13.4
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	129	80	49	7.5	6.6	9.7
X60-X84	Intentional self-harm	506	386	120	29.4	31.8	23.7
X85-Y09	Assault	41	33	8	2.4	2.7	1.6
Y10-Y34	Events of undetermined intent	83	64	19	4.8	5.3	3.8
Y40-Y84	Complications of medical and surgical care	22	13	9	1.3	1.1	1.8
Y85-Y89	Sequelae of external causes of morbidity and mortality	1	-	1	0.1	-	0.2

**Table 3.23 Deaths from external causes (V01-Y89) in 2008 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
<b>V01-Y89</b>	<b>All external causes</b>	<b>M</b>	<b>1,215</b>	<b>8</b>	<b>20</b>	<b>181</b>	<b>254</b>	<b>209</b>	<b>181</b>	<b>153</b>	<b>87</b>	<b>84</b>	<b>38</b>
		<b>F</b>	<b>506</b>	<b>5</b>	<b>8</b>	<b>47</b>	<b>46</b>	<b>53</b>	<b>63</b>	<b>52</b>	<b>51</b>	<b>75</b>	<b>106</b>
V01-X59	Accidents	M	719	8	17	99	120	116	102	93	62	67	35
		F	349	5	6	21	24	24	31	27	39	68	104
V01-V99, Y85	Transport accidents	M	190	5	11	56	29	30	13	10	21	11	4
		F	66	2	4	17	4	6	8	5	8	12	-
V01-V89	Land transport accidents	M	177	5	9	53	26	30	10	10	21	9	4
		F	62	2	4	15	4	6	8	4	7	12	-
V90-V99	Other transport accidents	M	13	-	2	3	3	-	3	-	-	2	-
		F	4	-	-	2	-	-	-	1	1	-	-
W00-W19	Falls	M	140	-	-	2	6	13	20	27	15	32	25
		F	142	-	-	-	3	3	4	7	14	43	68
W65-W74	Accidental drowning and submersion	M	46	-	4	6	6	7	8	8	4	2	1
		F	11	1	1	-	2	2	1	1	2	-	1
X00-X09	Exposure to smoke, fire and flames	M	24	-	-	-	3	3	4	6	4	4	-
		F	13	1	-	-	-	-	4	-	3	2	3
X30-X39	Exposure to forces of nature	M	8	-	1	-	1	-	1	-	2	2	1
		F	-	-	-	-	-	-	-	-	-	-	-
X40-X49	Accidental poisoning by and exposure to noxious substances	M	231	-	-	29	69	58	39	26	7	3	-
		F	68	-	-	3	14	10	12	14	8	6	1
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	M	80	3	1	6	6	5	17	16	9	13	4
		F	49	1	1	1	1	3	2	-	4	5	31
X60-X84	Intentional self-harm	M	386	-	3	69	100	75	67	46	20	5	1
		F	120	-	-	25	18	21	25	18	9	4	-
X85-Y09	Assault	M	33	-	-	6	14	6	2	3	1	1	-
		F	8	-	2	-	2	1	2	1	-	-	-
Y10-Y34	Events of undetermined intent	M	64	-	-	7	20	12	9	10	1	4	1
		F	19	-	-	1	2	6	5	4	1	-	-
Y40-Y84	Complications of medical and surgical care	M	13	-	-	-	-	-	1	1	3	7	1
		F	9	-	-	-	-	1	-	2	2	3	1
Y85-Y89	Sequelae of external causes of morbidity and mortality	M	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1

**Table 3.24 Deaths from external causes in 2008 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)
<b>STATE</b>	<b>1,721</b>	<b>1,068</b>	<b>506</b>	<b>41</b>	<b>83</b>	<b>23</b>
<b>LEINSTER</b>	905	555	250	29	56	15
Carlow	16	8	6	-	2	-
Dublin City	295	199	53	16	25	2
South Dublin	80	44	26	5	3	2
Fingal	61	35	15	2	7	2
Dun Laoghaire-Rathdown	56	35	14	1	3	3
Kildare	60	32	24	-	4	-
Kilkenny	26	15	9	-	1	1
Laois	16	11	5	-	-	-
Longford	14	12	1	-	1	-
Louth	51	35	13	1	2	-
Meath	65	38	26	-	-	1
Offaly	30	13	13	-	3	1
Westmeath	28	11	14	1	1	1
Wexford	62	37	18	3	2	2
Wicklow	45	30	13	-	2	-
<b>MUNSTER</b>	510	312	164	8	19	7
Clare	47	28	15	-	3	1
Cork City	75	46	23	2	3	1
Cork County	146	80	59	-	3	4
Kerry	60	45	15	-	-	-
Limerick City	35	19	5	5	5	1
Limerick County	39	28	11	-	-	-
North Tipperary	36	22	10	1	3	-
South Tipperary	33	21	11	-	1	-
Waterford City	11	8	3	-	-	-
Waterford County	28	15	12	-	1	-
<b>CONNACHT</b>	209	146	54	3	6	-
Galway City	28	18	9	-	1	-
Galway County	66	43	20	1	2	-
Leitrim	14	9	4	1	-	-
Mayo	54	42	10	-	2	-
Roscommon	26	18	6	1	1	-
Sligo	21	16	5	-	-	-
<b>ULSTER (Part of)</b>	97	55	38	1	2	1
Cavan	34	22	11	1	-	-
Donegal	44	22	20	-	2	-
Monaghan	19	11	7	-	-	1
<b>REGIONAL AUTHORITIES:</b>						
Border	183	115	60	3	4	1
Midland	88	47	33	1	5	2
West	174	121	45	2	6	-
Dublin	492	313	108	24	38	9
Mid-East	170	100	63	-	6	1
Mid-West	157	97	41	6	11	2
South-East	176	104	59	3	7	3
South-West	281	171	97	2	6	5

**Table 3.25 Deaths from non transport accidents in 2008 classified by place of occurrence**

ICD-10 code	Cause of Death	Total	In the home and residential institutions		Elsewhere or place not stated	
					%	%
<b>W00-X59</b>	<b>Non transport accidents</b>	<b>812</b>	<b>481</b>	<b>331</b>	<b>59.2</b>	<b>40.8</b>
W00-W19	Falls	282	191	91	67.7	32.3
W65-W74	Accidental drowning and submersion	57	5	52	8.8	91.2
X00-X09	Exposure to smoke, fire and flames	37	31	6	83.8	16.2
X30-X39	Exposure to forces of nature	8	3	5	37.5	62.5
X40-X49	Accidental poisoning by and exposure to noxious substances	299	210	89	70.2	29.8
W20-W64, W75-W99, X10-X29, X50-X59	Other accidents	129	41	88	20.3	79.7

**Table 3.26 Deaths from external causes in the home and residential institutions in 2008 classified by sex and age-group**

ICD-10 code	Cause of Death	Sex	All ages	Age-group								
				0-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over
<b>W00-X59</b>	<b>Non transport accidents</b>	<b>M</b>	<b>529</b>	<b>9</b>	<b>43</b>	<b>91</b>	<b>86</b>	<b>89</b>	<b>83</b>	<b>41</b>	<b>56</b>	<b>31</b>
		<b>F</b>	<b>283</b>	<b>5</b>	<b>4</b>	<b>20</b>	<b>18</b>	<b>23</b>	<b>22</b>	<b>31</b>	<b>56</b>	<b>104</b>
W00-X59	Non transport accidents - in home and residential institutions	M	293	3	21	51	53	52	47	20	26	20
		F	188	4	3	13	13	20	19	19	37	60
W00-X59	Non transport accidents - occurring elsewhere or place not stated	M	236	6	22	40	33	37	36	21	30	11
		F	95	1	1	7	5	3	3	12	19	44

**Table 3.27 Deaths in 2008 from external causes classified by the injury, poisoning or certain other consequences**

ICD-10 Code	External cause of death	Persons	Males	Females
<b>V01-Y89</b>	<b>XX External causes of injury and poisoning</b>	<b>1,721</b>	<b>1215</b>	<b>506</b>
S00-S09	Injuries to the head	291	210	81
S10-S19	Injuries to the neck	22	11	11
S20-S29	Injuries to the thorax	76	48	28
S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	35	17	18
S40-S49	Injuries to the shoulder and upper arm	11	7	4
S50-S59	Injuries to the elbow and forearm	3	2	1
S60-S69	Injuries to the wrist and hand	-	-	-
S70-S79	Injuries to the hip and thigh	104	32	72
S80-S89	Injuries to the knee and lower leg	5	3	2
S90-S99	Injuries to the ankle and foot	-	-	-
T00-T07	Injuries involving multiple body regions	159	125	34
T08-T14	Injuries to unspecified parts of trunk, limb or body regions	18	12	6
T15-T19	Effects of foreign body entering through natural orifice	35	25	10
T20-T32	Burns and corrosions	22	14	8
T33-T35	Frostbite	-	-	-
T36-T50	Poisoning by drugs, medicaments and biological substances	266	197	69
T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	149	107	42
T66-T78	Other and unspecified effects of external causes	513	397	116
T79	Certain early complications of trauma	2	2	-
T80-T88	Complications of surgical and medical care, nec	9	5	4
T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	1	1	-

**Table 3.28 Deaths in 2008 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
<b>A00-Y89</b>	<b>0</b>	<b>All causes</b>	<b>28,274</b>	<b>14,457</b>	<b>13,817</b>
<b>A00-B99</b>	<b>1</b>	<b>Infectious and parasitic diseases</b>	<b>219</b>	<b>106</b>	<b>113</b>
A15-A19,					
B90	2	Tuberculosis	32	22	10
A39	7	Meningococcal infection	9	5	4
B20-B24	8	AIDS (HIV-disease)	14	8	6
B15-B19	10	Viral hepatitis	18	13	5
		Other infectious and parasitic diseases	146	58	88
<b>C00-D48</b>	<b>6</b>	<b>Neoplasms</b>	<b>8,389</b>	<b>4,400</b>	<b>3,989</b>
<b>C00-C97</b>	<b>7</b>	<b>Malignant neoplasm</b>	<b>8,199</b>	<b>4,301</b>	<b>3,898</b>
C00-C14	8	Malignant neoplasm of lip, oral cavity and pharynx	123	98	25
C15	9	Malignant neoplasm of oesophagus	370	252	118
C16	10	Malignant neoplasm of stomach	319	193	126
C18	11	Malignant neoplasm of colon	581	310	271
C19-C21	12	Malignant neoplasm of rectum and anus	393	240	153
C22	13	Malignant neoplasm of liver and intrahepatic bile ducts	189	106	83
C25	14	Malignant neoplasm of pancreas	470	239	231
C32-C34	15	Malignant neoplasm of larynx and trachea/bronchus/lung	1,729	1,032	697
C43	16	Malignant melanoma of skin	137	82	55
C50	17	Malignant neoplasm of breast	742	6	736
C53	18	Malignant neoplasm of cervix uteri	78	-	78
C54-C55	19	Malignant neoplasm of other parts of uterus	98	-	98
C56	20	Malignant neoplasm of ovary	243	-	243
C61	21	Malignant neoplasm of prostate	508	508	-
C64	22	Malignant neoplasm of kidney, except renal pelvis	201	130	71
C67	23	Malignant neoplasm of bladder	191	128	63
C81-C96	24	Malignant neoplasm of lymphoid/haematopoietic tissue	669	371	298
		Other malignant neoplasms	1,158	606	552
<b>D50-D89</b>	<b>25</b>	<b>Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism</b>	<b>77</b>	<b>45</b>	<b>32</b>
<b>E00-E90</b>	<b>26</b>	<b>Endocrine, nutritional and metabolic diseases</b>	<b>649</b>	<b>315</b>	<b>334</b>
E10-E14	27	Diabetes mellitus	482	247	235
<b>F00-F99</b>	<b>28</b>	<b>Mental and behavioural disorders</b>	<b>416</b>	<b>145</b>	<b>271</b>
<b>G00-H95</b>	<b>31</b>	<b>Diseases of the nervous system and the sense organs</b>	<b>931</b>	<b>458</b>	<b>473</b>
G00-G03	32	Meningitis	10	8	2
<b>I00-I99</b>	<b>33</b>	<b>Diseases of the circulatory system</b>	<b>9,956</b>	<b>4,967</b>	<b>4,989</b>
I20-I25	34	Ischaemic heart diseases	5,185	2,933	2,252
I21		<i>of which: (Acute myocardial infarction)</i>	2,641	1,455	1,186
I30-I33,					
I39-I52	35	Other heart disease	1,288	544	744
I60-I69	36	Cerebrovascular disease	2,142	881	1,261
		Other diseases of the circulatory system	1,341	609	732
<b>J00-J99</b>	<b>37</b>	<b>Diseases of the respiratory system</b>	<b>3,522</b>	<b>1,641</b>	<b>1,881</b>
J10-J11	38	Influenza	4	2	2
J12-J19	39	Pneumonia	1,356	525	831
J40-J47	40	Chronic lower respiratory diseases	1,365	717	648
J45-J46	41	<i>of which: Asthma</i>	52	19	33
		Other diseases of the respiratory system	797	397	400
<b>K00-K93</b>	<b>42</b>	<b>Diseases of the digestive system</b>	<b>1,129</b>	<b>570</b>	<b>559</b>
K25-K28	43	Ulcer of stomach, duodenum and jejunum	113	60	53
K70,					
K73-K74	44	Chronic liver disease	306	196	110
		Other diseases of the digestive system	710	314	396
<b>L00-L99</b>	<b>45</b>	<b>Diseases of the skin and subcutaneous tissue</b>	<b>52</b>	<b>13</b>	<b>39</b>
<b>M00-M99</b>	<b>46</b>	<b>Diseases of musculoskeletal system/connective tissue</b>	<b>227</b>	<b>75</b>	<b>152</b>
M05-M06,					
M15-M19	47	Rheumatoid arthritis and osteoarthritis	87	26	61
<b>N00-N99</b>	<b>48</b>	<b>Diseases of genitourinary system</b>	<b>567</b>	<b>275</b>	<b>292</b>
N00-N29	49	Diseases of kidney and ureter	403	216	187

**Table 3.28 (continued) Deaths in 2008 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
<b>O00-O99</b>	<b>50</b>	<b>Complicatons of pregnancy, childbirth and puerperium</b>	<b>3</b>	<b>-</b>	<b>3</b>
P00-P96	51	Certain conditions originating in the perinatal period	129	75	54
<b>Q00-Q99</b>	<b>52</b>	<b>Congenital malformations and chromosomal abnormalities</b>	<b>194</b>	<b>105</b>	<b>89</b>
Q00-Q07	53	Congenital malformations of the nervous system	32	19	13
Q20-Q28	54	Congenital malformations of the circulatory system	45	21	24
<b>R00-R99</b>	<b>55</b>	<b>Symptoms, signs, abnormal findings, ill-defined causes</b>	<b>93</b>	<b>52</b>	<b>41</b>
R95	56	Sudden infant death syndrome	26	16	10
R96-R99	57	Unknown and unspecified causes	35	26	9
<b>V01-Y89</b>	<b>58</b>	<b>External causes of injury and poisoning</b>	<b>1,721</b>	<b>1,215</b>	<b>506</b>
V01-X59	59	Accidents	1,068	719	349
V01-V99	60	<i>of which: Transport accidents</i>	256	190	66
W00-W19	61	<i>Accidental falls</i>	282	140	142
X40-X49	62	<i>Accidental poisoning other accidents</i>	299 231	231 158	68 73
X60-X84	63	Suicide and intentional self-harm	506	386	120
X85-Y09	64	Homicide/assault	41	33	8
Y10-Y34	65	Events of undetermined intent	83	64	19
		All other external causes	23	13	10

**Table 3.29 Deaths where there was mention of mental and behavioural disorders classified by the underlying cause of death, sex and age-group, 2008**

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
<b>A00-Y89</b>	<b>Deaths not coded to mental and behavioural disorders but with mention of such</b>	<b>828</b>	<b>598</b>	<b>230</b>	<b>52</b>	<b>118</b>	<b>150</b>	<b>160</b>	<b>161</b>	<b>115</b>	<b>56</b>	<b>16</b>
A00-B99	I Infectious and parasitic diseases	10	9	1	-	3	2	3	2	-	-	-
C00-D48	II Neoplasms	46	33	13	-	-	-	2	6	18	15	5
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	5	4	1	-	1	1	-	1	1	1	-
F00-F99	V Mental and behavioural disorders	2	2	-	-	-	-	-	-	-	1	1
G00-G99	VI Diseases of the nervous system	5	4	1	-	-	1	2	1	1	-	-
H00-H59	VII Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	41	34	7	-	1	1	7	12	11	6	3
J00-J99	X Diseases of the respiratory system	40	21	19	-	1	-	1	5	10	16	7
K00-K93	XI Diseases of the digestive system	235	160	75	-	4	40	63	73	49	6	-
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	1	1	-	-	-	-	-	-	1	-	-
O00-O99	XV Complications of pregnancy, childbirth and puerperium	-	-	-	-	-	-	-	-	-	-	-
P00-P96	XVI Certain conditions originating in the perinatal period	-	-	-	-	-	-	-	-	-	-	-
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	1	1	-	-	-	-	-	1	-	-	-
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	5	4	1	-	-	1	3	1	-	-	-
V01-Y89	XX External causes of injury and poisoning	437	325	112	52	108	104	79	59	24	11	-

# Chapter 4

## Infant Mortality, Stillbirths and Maternal Mortality 2008

### Infant mortality

During the year 2008 there were 284 deaths of infants under one year, compared to 230 in 2007. The infant mortality rate, which was 3.2 per 1,000 births in 2007, increased to 3.8 in 2008. See *table 4.3*.

**Table I Infant mortality rates in Ireland\* and neighbouring countries, 1941-2008**

Period	Deaths of infants under 1 year per 1,000 live births			
	Ireland*	Northern Ireland	England and Wales	Scotland
1941-1950 <sup>1</sup>	66	60	43	57
1951-1960 <sup>1</sup>	37	32	25	30
1961-1970 <sup>1</sup>	25	25	19	23
1971-1980 <sup>1</sup>	16	19	15	16
1981-1990 <sup>1</sup>	9	10	9	9
1991-2000 <sup>1</sup>	6	6	6	6
1995	6	7	6	6
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

<sup>1</sup> Decennial average.

\* Exclusive of Northern Ireland.

This report contains upward revisions to the previously published figures for births which occurred in 2008. The data omissions occurred as a result of a data transmission and download issue, which was recently identified by the Central Statistics Office. Measures have been put in place to avoid any such problem arising in the future.

## Infant mortality rates in the EU-27

Ireland, together with the Netherlands, had the tenth lowest infant mortality rate of the EU-27. Romania had the highest rate at 11 infant deaths per 1,000 live births. Luxembourg had the lowest rate, 1.8 per 1,000 live births. See *table II*.

**Table II Infant mortality rates per 1,000 live births in the European Union, 2008**

Area of residence	Infant mortality rate per 1,000	Area of residence	Infant mortality rate per 1,000
Belgium <sup>p</sup>	3.4	Luxembourg	1.8
Bulgaria	8.6	Hungary <sup>p</sup>	5.6
Czech Republic	2.8	Malta	9.9
Denmark	4.0	Netherlands <sup>p</sup>	3.8
Germany <sup>p</sup>	4.0	Austria	3.7
Estonia	5.0	Poland	5.6
<b>Ireland</b>	<b>3.8</b>	Portugal	3.3
Greece <sup>p</sup>	3.5	Romania	11.0
Spain <sup>p</sup>	3.5	Slovenia <sup>p</sup>	2.1
France	....	Slovakia	5.9
Italy	3.7	Finland	2.6
Cyprus	5.3	Sweden	2.5
Latvia	6.7	United Kingdom	4.5
Lithuania	4.9		

p = provisional data.

.... No data available.

Source: Eurostat.

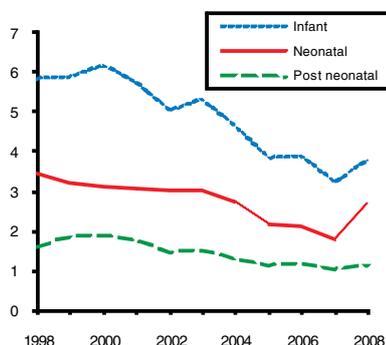
## Infant Mortality by detailed age

Almost 36% of all infant deaths occurred within the first day of birth and 57% occurred within the first week.

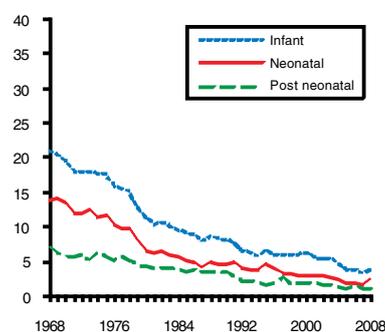
There were 200 neonatal deaths (deaths of infants under 4 weeks) in 2008, an increase of 44 on the 2007 figure. The neonatal mortality rate of 2.7 per 1,000 live births was 0.5 more than the 2007 figure. See *tables 4.3 and 4.6*.

Table III shows infant deaths by detailed age.

**Infant and neonatal mortality rates per 1,000 live births, 1998-2008**



**Infant and neonatal mortality rates per 1,000 live births, 1968-2008**



## Infant Mortality by cause

Certain conditions originating in the perinatal period accounted for 45% of infant deaths in 2008. Congenital malformations, deformations and chromosomal abnormalities accounted for a further 42%, sudden infant death syndrome accounted for 8% and diseases of the nervous system and sense organs, and all other causes each accounted for 2%.

For infant deaths occurring in the first day of life, the causes of death were split between certain conditions originating in the perinatal period (55%) and congenital malformations, deformations and chromosomal abnormalities (45%). See table 4.6.

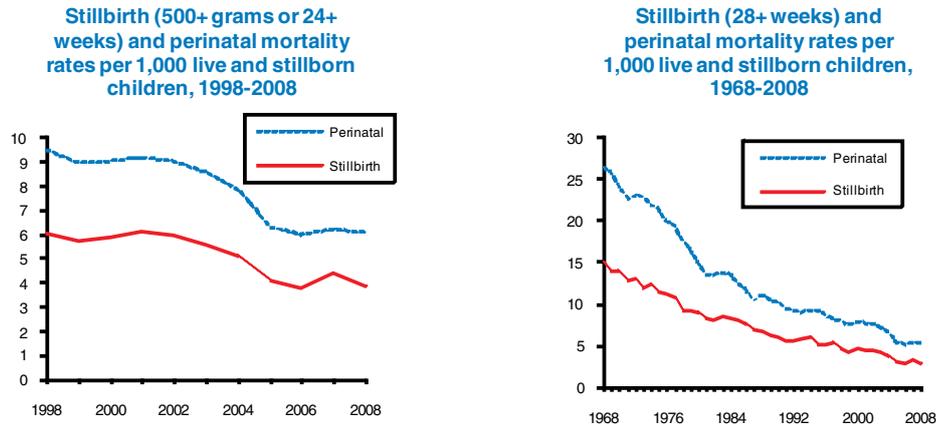
Galway City had the highest rate for infant mortality in 2008 with a rate of 7.7 per 1,000 births. There was no occurrence of infant deaths in Leitrim. See table 4.3.

**Table III Infant deaths during 2008 by detailed age**

	Total	Male	Female
<b>Total under 1 year</b>	<b>284</b>	<b>162</b>	<b>122</b>
Under 30 mins	30	15	15
30 mins and under 1 day	71	42	29
<b>Total under 1 day</b>	<b>101</b>	<b>57</b>	<b>44</b>
1 day	19	7	12
2 days	12	7	5
3 days	14	10	4
4 days	6	3	3
5 days	8	3	5
6 days	2	1	1
<b>Total under 7 days</b>	<b>162</b>	<b>88</b>	<b>74</b>
7-13 days	21	12	9
14-20 days	10	5	5
21-27 days	7	5	2
<b>Total under 4 weeks</b>	<b>200</b>	<b>110</b>	<b>90</b>
4 weeks and under 2 months	31	18	13
2 months	11	7	4
3 months	8	7	1
4 months	6	2	4
5 months	6	4	2
6 months	6	4	2
7 months	5	5	-
8 months	3	2	1
9 months	6	2	4
10 months	2	1	1
11 months	-	-	-

## Stillbirths

There were 294 stillbirths in Ireland in 2008. This compares with 317 stillbirths in 2007.



For stillbirths, the highest rate per 1,000 live births was in Limerick City (9.6) and the lowest was Longford with (1.4). See table 4.3.

Stillbirths classified as being due to certain conditions originating in the perinatal period accounted for 85% of the stillbirths, while the remaining 15% 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/](http://www.esri.ie/health_information/nprs/)) also produces statistics on stillbirths, which can be compared to the numbers in these reports. The NPRS figures are derived from birth notification forms, rather than from stillbirths registered. In recent years, the numbers of stillbirths according to NPRS reports have been higher than the numbers published in these reports. This suggests that there is some non-registration of stillbirths and that caution should be taken in interpreting the statistics on stillbirths in these reports.

## Pregnancy, childbirth and puerperium

There were 3 maternal deaths in 2008. Table IV compares Ireland and the neighbouring countries for the years 1991-2008.

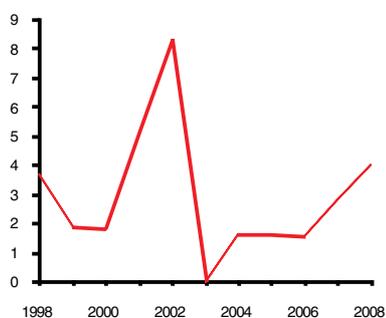
**Table IV Maternal deaths per 100,000 total live and stillbirths in Ireland<sup>1</sup> and neighbouring countries, 1991-2008**

Year	Number of deaths in Ireland <sup>1</sup>	Death rate per 100,000 live and stillbirths			
		Ireland <sup>1</sup>	Northern Ireland	England and Wales	Scotland
1991	3	6	1	1	9
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	3	6	6
2007	2	3	–	7	14
2008	3	4	–	6	8

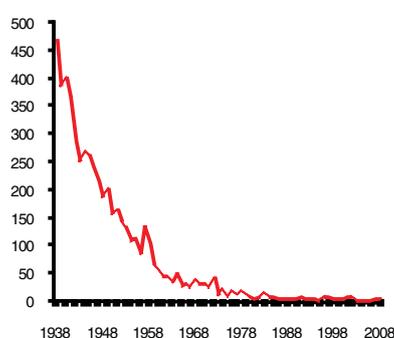
<sup>1</sup> Exclusive of Northern Ireland.

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

**Maternal death rates per 100,000 live births, 1998-2008**



**Maternal death rates per 100,000 live births, 1938-2008**



## 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 2008**

Year	Live births	Population	Stillbirths <sup>4</sup>		Perinatal deaths		Neonatal deaths				Infant deaths
							Early	Late	Total	Post	
<b>Persons</b>											
1957-60 <sup>1</sup>	60,419	2,854	1,321	-	2,316	-	995	321	1,316	644	1,960
1961-70 <sup>2</sup>	62,417	2,881	1,060	-	1,890	-	830	206	1,036	514	1,550
1971-80 <sup>2</sup>	69,439	3,196	780	-	1,398	-	618	113	731	369	1,100
1981-90 <sup>2</sup>	61,628	3,513	475	-	758	-	283	58	341	228	569
1991-00 <sup>2</sup>	51,627	3,637	-	(272)	-	(490)	174	44	218	103	322
1998	53,969	3,703	328	(255)	514	(441)	186	44	230	86	316
1999	53,924	3,742	311	(231)	484	(404)	173	45	218	99	317
2000	54,789	3,790	325	(256)	496	(427)	171	63	234	104	338
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	4,339	317	(250)	443	(376)	126	30	156	74	230
2008	75,173	4,422	294	(221)	456	(383)	162	38	200	84	284
<b>Males</b>											
1957-60 <sup>1</sup>	30,915	1,439	-	-	-	-	579	188	767	372	1,139
1961-70 <sup>2</sup>	32,053	1,448	475 <sup>3</sup>	-	891 <sup>3</sup>	-	470	118	588	291	879
1971-80 <sup>2</sup>	35,715	1,606	380	-	740	-	360	63	423	205	629
1981-90 <sup>2</sup>	31,747	1,756	246	-	407	-	161	32	193	129	322
1991-00 <sup>2</sup>	26,615	1,807	-	(145)	-	(245)	100	21	124	60	184
1998	27,848	1,839	171	(141)	290	(260)	119	29	148	48	196
1999	27,817	1,859	169	(127)	264	(222)	95	21	116	56	172
2000	28,175	1,883	174	(137)	283	(246)	109	43	152	51	203
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	2,171	169	(114)	238	(183)	69	13	82	43	125
2008	38,619	2,206	162	(125)	250	(213)	88	22	110	52	162
<b>Females</b>											
1957-60 <sup>1</sup>	29,504	1,415	-	-	-	-	416	133	549	272	821
1961-70 <sup>2</sup>	30,364	1,433	471 <sup>3</sup>	-	800 <sup>3</sup>	-	360	88	448	223	671
1971-80 <sup>2</sup>	33,724	1,590	400	-	658	-	258	50	308	164	472
1981-90 <sup>2</sup>	29,882	1,758	229	-	351	-	122	26	148	99	247
1991-00 <sup>2</sup>	25,012	1,830	-	(127)	-	(202)	74	20	94	44	138
1998	26,121	1,864	157	(114)	224	(181)	67	15	82	38	120
1999	26,107	1,883	142	(104)	220	(182)	78	24	102	43	145
2000	26,614	1,907	151	(119)	213	(181)	62	20	82	53	135
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	2,168	148	(136)	205	(193)	57	17	74	31	105
2008	36,554	2,216	132	(96)	206	(170)	74	16	90	32	122

<sup>1</sup> 4 year average.<sup>2</sup> Decennial average.<sup>3</sup> 5 year average, 1966-1970.<sup>4</sup> 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 2008**

Year	Live births	Stillbirths <sup>4</sup>		Perinatal deaths		Neonatal deaths			Post	Infant deaths
						Early	Late	Total		
<b>Persons</b>										
1957-60 <sup>1</sup>	21.2	21.4	-	37.5	-	16.5	5.3	21.8	10.7	32.4
1961-70 <sup>2</sup>	21.7	16.7	-	29.8	-	13.3	3.3	16.6	8.2	24.8
1971-80 <sup>2</sup>	21.7	11.1	-	19.9	-	8.9	1.6	10.5	5.3	15.8
1981-90 <sup>2</sup>	17.5	7.6	-	12.2	-	4.6	0.9	5.5	3.7	9.2
1991-00 <sup>2</sup>	14.2	-	(5.3)	-	(9.5)	3.4	0.9	4.2	2.0	6.2
1998	14.6	6.0	(4.7)	9.5	(8.1)	3.4	0.8	4.3	1.6	5.9
1999	14.4	5.7	(4.3)	8.9	(7.5)	3.2	0.8	4.0	1.8	5.9
2000	14.5	5.9	(4.7)	9.0	(7.8)	3.1	1.1	4.3	1.9	6.2
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	16.5	4.4	(3.5)	6.2	(5.2)	1.8	0.4	2.2	1.0	3.2
2008	17.0	3.9	(2.9)	6.0	(5.1)	2.2	0.5	2.7	1.1	3.8
<b>Males</b>										
1957-60 <sup>1</sup>	21.5	-	-	-	-	18.7	6.1	24.8	12.0	36.8
1961-70 <sup>2</sup>	22.1	14.63	-	27.43	-	14.7	3.6	18.3	9.1	27.4
1971-80 <sup>2</sup>	22.2	10.5	-	20.5	-	10.1	1.8	11.9	5.7	17.6
1981-90 <sup>2</sup>	18.1	7.7	-	12.7	-	5.1	1.0	6.1	4.1	10.1
1991-00 <sup>2</sup>	14.7	-	(5.5)	-	(9.2)	3.8	0.8	4.7	2.3	6.9
1998	15.1	6.1	(5.0)	10.4	(9.3)	4.3	1.0	5.3	1.7	7.0
1999	15.0	6.0	(4.5)	9.4	(7.9)	3.4	0.8	4.2	2.0	6.2
2000	15.0	6.1	(4.8)	10.0	(8.7)	3.9	1.5	5.4	1.8	7.2
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	16.8	4.6	(4.6)	6.5	(5.0)	1.9	0.4	2.2	1.2	3.4
2008	17.5	4.2	(3.2)	6.4	(5.5)	2.3	0.6	2.8	1.3	4.2
<b>Females</b>										
1957-60 <sup>1</sup>	20.9	-	-	-	-	14.1	4.5	18.6	9.2	27.8
1961-70 <sup>2</sup>	21.2	15.33	-	26.03	-	11.9	2.9	14.8	7.3	22.1
1971-80 <sup>2</sup>	21.2	11.7	-	19.3	-	7.7	1.4	9.1	4.9	14.0
1981-90 <sup>2</sup>	17.0	7.6	-	11.6	-	4.1	0.9	5.0	3.3	8.3
1991-00 <sup>2</sup>	14.4	-	(5.1)	-	(8.1)	3.0	0.8	3.8	1.8	5.5
1998	14.0	6.0	(4.3)	8.5	(6.9)	2.6	0.6	3.1	1.5	4.6
1999	13.9	5.4	(4.0)	8.4	(6.9)	3.0	0.9	3.9	1.6	5.6
2000	14.0	5.6	(4.4)	8.0	(6.8)	2.3	0.8	3.1	2.0	5.1
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	16.1	4.2	(3.9)	5.8	(5.5)	1.6	0.5	2.1	0.9	3.0
2008	16.9	3.6	(2.6)	5.6	(4.6)	2.0	0.4	2.5	0.9	3.3

<sup>1</sup> 4 year average<sup>2</sup> Decennial average<sup>3</sup> 5 year average, 1966-1970<sup>4</sup> 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\* 2008 per 1,000 live births**

Area of residence	Infant mortality		Neonatal mortality		Stillbirths		Perinatal mortality	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
<b>STATE</b>	<b>284</b>	<b>3.8</b>	<b>200</b>	<b>2.7</b>	<b>294</b>	<b>3.9</b>	<b>456</b>	<b>6.0</b>
<b>LEINSTER</b>	<b>152</b>	<b>3.6</b>	<b>110</b>	<b>2.6</b>	<b>164</b>	<b>3.8</b>	<b>254</b>	<b>6.0</b>
Carlow	3	2.8	2	1.8	5	4.6	6	5.5
Dublin City	27	3.5	24	3.1	28	3.6	50	6.5
South Dublin	14	3.0	10	2.1	21	4.5	31	6.6
Fingal	20	3.7	16	2.9	23	4.2	37	6.8
Dun Laoghaire-Rathdown	4	1.5	4	1.5	8	2.9	10	3.7
Kildare	20	5.0	11	2.8	14	3.5	20	5.0
Kilkenny	4	2.8	4	2.8	5	3.5	9	6.4
Laois	8	5.9	4	2.9	4	2.9	8	5.9
Longford	4	5.5	2	2.8	1	1.4	2	2.8
Louth	4	2.0	3	1.5	13	6.5	14	7.0
Meath	16	4.4	11	3.1	15	4.2	24	6.6
Offaly	3	2.4	1	0.8	4	3.2	5	3.9
Westmeath	4	2.7	2	1.3	5	3.4	6	4.0
Wexford	12	4.7	9	3.6	6	2.4	14	5.5
Wicklow	9	3.6	7	2.8	12	4.8	18	7.2
<b>MUNSTER</b>	<b>84</b>	<b>4.2</b>	<b>57</b>	<b>2.9</b>	<b>89</b>	<b>4.4</b>	<b>130</b>	<b>6.5</b>
Clare	11	6.0	8	4.3	10	5.4	17	9.2
Cork City	4	2.5	1	0.6	3	1.9	4	2.5
Cork County	26	3.8	20	2.9	23	3.4	35	5.1
Kerry	9	4.4	6	2.9	9	4.3	13	6.3
Limerick City	3	3.2	2	2.1	9	9.5	10	10.6
Limerick County	9	4.1	8	3.6	11	4.9	17	7.6
North Tipperary	6	4.8	5	4.0	6	4.8	11	8.7
South Tipperary	8	6.4	4	3.2	6	4.8	9	7.2
Waterford City	2	2.2	1	1.1	6	6.7	7	7.8
Waterford County	6	5.7	2	1.9	6	5.6	7	6.6
<b>CONNACHT</b>	<b>32</b>	<b>3.8</b>	<b>22</b>	<b>2.6</b>	<b>25</b>	<b>3.0</b>	<b>45</b>	<b>5.3</b>
Galway City	8	7.6	8	7.6	3	2.8	10	9.4
Galway County	6	1.9	3	1.0	9	2.9	12	3.9
Leitrim	0	0.0	0	0.0	2	3.9	2	3.9
Mayo	7	3.7	3	1.6	5	2.6	7	3.7
Roscommon	5	5.5	2	2.2	4	4.4	6	6.6
Sligo	6	6.2	6	6.2	2	2.1	8	8.3
<b>ULSTER (Part of)</b>	<b>16</b>	<b>3.6</b>	<b>11</b>	<b>2.5</b>	<b>16</b>	<b>3.6</b>	<b>27</b>	<b>6.1</b>
Cavan	2	1.6	2	1.6	4	3.2	4	3.2
Donegal	11	4.9	8	3.5	8	3.5	19	8.4
Monaghan	3	3.4	1	1.1	4	4.5	4	4.5
<b>REGIONAL AUTHORITIES</b>								
Border	26	3.3	20	2.5	33	4.2	51	6.5
Midland	19	3.9	9	1.9	14	2.9	21	4.3
West	26	3.7	16	2.3	21	3.0	35	5.0
Dublin	65	3.2	54	2.6	80	3.9	128	6.2
Mid-East	45	4.5	29	2.9	41	4.0	62	6.1
Mid-West	29	4.6	23	3.7	36	5.7	55	8.8
South-East	35	4.3	22	2.7	34	4.1	52	6.3
South-West	39	3.7	27	2.6	35	3.3	52	4.9

\* 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 2008**

Period	Under	1-6	7-13	14-20	21 days	4 weeks	2 months	3 months	6 months	Total
	24 hours	days	days	days	and under 4 weeks	and under 2 months	and under 3 months	and under 6 months	and under 12 months	4 weeks to 1 year
1941-50 <sup>1</sup>	7.0	8.7	4.3	4.2	4.3	8.7	6.9	12.3	9.4	37.3
1951-60 <sup>1</sup>	7.8	8.7	2.7	1.9	1.5	3.6	2.4	4.5	3.6	14.1
1961-70 <sup>1</sup>	7.1	6.2	1.4	1.1	0.8	2.1	1.5	2.7	2.0	8.2
1971-80 <sup>1</sup>	5.1	3.8	0.9	0.4	0.4	1.2	1.0	1.8	1.4	5.3
1981-90 <sup>1</sup>	2.8	1.8	0.5	0.2	0.3	0.7	0.7	1.3	0.9	3.7
1991-00 <sup>1</sup>	2.1	1.3	0.5	0.2	0.2	0.5	0.3	0.7	0.5	2.0
1995	2.1	1.8	0.5	0.2	0.1	0.5	0.2	0.6	0.4	1.6
1996	2.2	1.2	0.4	0.2	0.1	0.5	0.2	0.5	0.6	1.9
1997	1.5	1.2	0.4	0.3	0.2	0.6	0.5	0.8	0.6	2.6
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

<sup>1</sup> Decennial average.**Table 4.5 Comparable<sup>1</sup> stillbirth and perinatal mortality rates in Ireland<sup>2</sup> and neighbouring countries, 1981-2008**

Year	Stillbirth rate				Perinatal mortality rate			
	Ireland	Northern Ireland	England and Wales	Scotland	Ireland	Northern Ireland	England and Wales	Scotland
1981	(8.2)	(8.7)	(6.6)	(6.3)	(13.4)	(15.3)	(11.8)	(11.6)
1982	(8.0)	(6.9)	(6.3)	(5.8)	(13.5)	(13.3)	(11.3)	(11.5)
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)

<sup>1</sup> 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.<sup>2</sup> Exclusive of Northern Ireland.

**Table 4.6 Infant mortality - deaths under 1 year in 2008, 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		
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>162</b>	<b>15</b>	<b>42</b>	<b>57</b>	<b>88</b>	<b>12</b>	<b>5</b>	<b>5</b>	<b>110</b>	<b>52</b>
		<b>F</b>	<b>122</b>	<b>15</b>	<b>29</b>	<b>44</b>	<b>74</b>	<b>9</b>	<b>5</b>	<b>2</b>	<b>90</b>	<b>32</b>
G00-H95	Diseases of the nervous system and the sense organs	M	5	-	-	-	-	-	-	-	-	5
		F	1	-	-	-	-	-	-	-	-	1
<i>of which:</i>												
G00-G03	Meningitis	M	2	-	-	-	-	-	-	-	-	2
		F	-	-	-	-	-	-	-	-	-	-
G04-H95	Remainder	M	3	-	-	-	-	-	-	-	-	3
		F	1	-	-	-	-	-	-	-	-	1
P00-P96	Certain conditions originating in the perinatal period	M	75	12	21	33	52	7	2	4	65	10
		F	54	8	15	23	42	4	3	-	49	5
<i>of which:</i>												
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	M	12	3	2	5	9	-	1	-	10	2
		F	13	2	6	8	13	-	-	-	13	-
P05-P08	Disorders related to length of gestation and fetal growth	M	21	6	10	16	19	1	-	-	20	1
		F	12	6	3	9	12	-	-	-	12	-
P10-P15	Birth Trauma	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	M	15	1	7	8	13	2	-	-	15	-
		F	9	-	5	5	8	-	-	-	8	1
P35-P39	Infections specific to the perinatal period	M	8	1	1	2	4	1	-	1	6	2
		F	6	-	-	-	1	2	2	-	5	1
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	M	6	-	1	1	4	-	-	1	5	1
		F	6	-	1	1	4	1	-	-	5	1
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	M	1	-	-	-	1	-	-	-	1	-
		F	2	-	-	-	2	-	-	-	2	-
P75-P78	Digestive system disorders of fetus and newborn	M	7	-	-	-	-	2	-	2	4	3
		F	5	-	-	-	1	1	1	-	3	2
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	M	1	1	-	1	1	-	-	-	1	-
		F	1	-	-	-	1	-	-	-	1	-
P90-P96	Other disorders originating in the perinatal period	M	4	-	-	-	1	1	1	-	3	1
		F	-	-	-	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	M	66	3	21	24	36	5	3	1	45	21
		F	53	7	14	21	32	5	2	1	40	13
<i>of which:</i>												
Q00-Q07	Congenital malformations of the nervous system	M	12	1	4	5	7	1	-	-	8	4
		F	9	2	5	7	7	-	-	-	7	2

**Table 4.6 (continued) Infant mortality - deaths under 1 year in 2008, 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	12	-	-	-	2	3	2	1	8	4
		F	10	-	2	2	7	1	-	-	8	2
Q30-Q34	Congenital malformations of the respiratory system	M	2	-	1	1	1	-	-	-	1	1
		F	5	-	1	1	1	-	-	-	1	4
Q35-Q37	Cleft lip and cleft palate	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	M	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	M	7	1	5	6	7	-	-	-	7	-
		F	3	2	-	2	2	-	-	-	2	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	M	10	-	3	3	5	1	-	-	6	4
		F	5	2	1	3	5	-	-	-	5	-
Q80-Q89	Other congenital malformations	M	6	-	-	-	3	-	-	-	3	3
		F	6	1	2	3	4	1	-	-	5	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	M	17	1	8	9	11	-	1	-	12	5
		F	15	-	3	3	6	3	2	1	12	3
R95	Sudden infant death syndrome	M	13	-	-	-	-	-	-	-	-	13
		F	10	-	-	-	-	-	-	1	1	9
	All other causes	M	3	-	-	-	-	-	-	-	-	3
		F	4	-	-	-	-	-	-	-	-	4

**Table 4.7 Infant mortality - deaths under 1 year in 2008, 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
<b>A00-Y89</b>	<b>All causes</b>	<b>Under 4 weeks</b>	<b>110</b>	<b>90</b>	<b>55</b>	<b>55</b>	<b>37</b>	<b>20</b>	<b>14</b>	<b>8</b>	<b>4</b>	<b>7</b>
		<b>4 weeks to 1 year</b>	<b>52</b>	<b>32</b>	<b>25</b>	<b>17</b>	<b>18</b>	<b>9</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>2</b>
G00-H95	Diseases of the nervous system and the sense organs <i>of which:</i>	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	5	1	2	-	2	1	1	-	-	-
G00-G03	Meningitis	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	2	-	1	-	-	-	1	-	-	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	3	1	1	-	2	1	-	-	-	-
P00-P96	Certain conditions originating in the perinatal period <i>of which:</i>	Under 4 weeks	65	49	35	34	22	8	5	6	3	1
		4 weeks to 1 year	10	5	6	4	2	1	1	-	1	-
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	Under 4 weeks	10	13	6	10	2	2	2	1	-	-
		4 weeks to 1 year	2	-	2	-	-	-	-	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	20	12	12	9	7	1	-	1	1	1
		4 weeks to 1 year	1	-	1	-	-	-	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	15	8	6	5	6	1	1	2	2	-
		4 weeks to 1 year	-	1	-	1	-	-	-	-	-	-
P35-P39	Infections specific to the perinatal period	Under 4 weeks	6	5	5	3	1	2	-	-	-	-
		4 weeks to 1 year	2	1	1	1	1	-	-	-	-	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	5	5	3	3	1	1	1	1	-	-
		4 weeks to 1 year	1	1	1	1	-	-	-	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	Under 4 weeks	1	2	-	1	-	1	1	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	Under 4 weeks	4	3	1	2	3	-	-	1	-	-
		4 weeks to 1 year	3	2	1	1	1	1	1	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	1	1	1	1	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	3	-	1	-	2	-	-	-	-	-
		4 weeks to 1 year	1	-	-	-	-	-	-	-	1	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities <i>of which:</i>	Under 4 weeks	45	40	20	20	15	12	9	2	1	6
		4 weeks to 1 year	21	13	7	7	10	3	3	2	1	1
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	8	7	3	4	1	-	4	-	-	3
		4 weeks to 1 year	4	2	-	1	3	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	8	8	3	4	5	4	-	-	-	-
		4 weeks to 1 year	4	2	-	1	2	-	1	1	1	-
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	1	1	-	-	-	-	1	1	-	-
		4 weeks to 1 year	1	4	-	2	1	1	-	-	-	1
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	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	Under 4 weeks	7	2	4	-	2	1	-	-	1	1
		4 weeks to 1 year	-	1	-	-	-	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	6	5	2	2	2	2	2	-	-	1
		4 weeks to 1 year	4	-	3	-	1	-	-	-	-	-
Q80-Q89	Other congenital malformations	Under 4 weeks	3	5	2	4	1	1	-	-	-	-
		4 weeks to 1 year	3	1	2	1	1	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	12	12	6	6	4	4	2	1	-	1
		4 weeks to 1 year	5	3	2	2	2	1	1	-	-	-
R95	Sudden infant death syndrome	Under 4 weeks	-	1	-	1	-	-	-	-	-	-
		4 weeks to 1 year	13	9	7	4	4	4	1	1	1	-
	All other causes	Under 4 weeks	-	-	-	-	-	-	-	-	-	-
		4 weeks to 1 year	3	4	3	2	-	-	-	1	-	1

**Table 4.8 Infant mortality - deaths under 1 year in 2008, 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
<b>A00-Y89</b>	<b>All causes</b>	<b>14</b>	<b>12</b>	<b>13</b>	<b>6</b>	<b>15</b>	<b>11</b>	<b>33</b>	<b>32</b>	<b>24</b>	<b>21</b>	<b>22</b>	<b>7</b>	<b>18</b>	<b>17</b>	<b>23</b>	<b>16</b>
G00-H95	Diseases of the nervous system and the sense organs <i>of which:</i>	-	-	1	-	1	-	1	-	-	-	-	-	-	-	2	1
G00-G03	Meningitis	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1
P00-P96	Certain conditions originating in the perinatal period <i>of which:</i>	8	2	2	4	4	5	21	21	13	7	12	3	6	8	9	4
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	1	-	-	1	1	1	6	6	2	1	-	-	-	3	2	1
P05-P08	Disorders related to length of gestation and fetal growth	2	2	-	-	-	-	9	4	1	2	3	1	3	3	3	-
P10-P15	Birth Trauma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	3	-	1	2	-	2	2	3	3	1	4	1	-	-	2	-
P35-P39	Infections specific to the perinatal period	-	-	-	-	-	-	3	3	3	1	-	1	2	-	-	1
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	-	-	1	-	1	1	3	1	1	1	-	1	-	-	-	1
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	1
P75-P78	Digestive system disorders of fetus and newborn	-	-	-	1	1	1	-	2	2	-	2	-	-	1	2	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
P90-P96	Other disorders originating in the perinatal period	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities <i>of which:</i>	5	8	5	1	9	4	10	10	7	11	9	4	9	6	12	9
Q00-Q07	Congenital malformations of the nervous system	2	3	-	-	3	-	2	2	1	2	2	1	-	1	2	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	1	-	2	-	1	1	-	2	-	2	1	2	5	1	2	2
Q30-Q34	Congenital malformations of the respiratory system	-	1	-	1	1	1	-	1	-	-	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	1	1	2	-	-	1	1	-	1	-	1	-	-	-	1	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	-	1	1	-	2	-	3	2	1	-	2	-	-	2	1	-
Q80-Q89	Other congenital malformations	-	-	-	-	-	-	2	1	2	4	-	-	-	-	2	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	1	2	-	-	2	1	2	2	2	3	2	1	4	2	4	4
R95	Sudden infant death syndrome	1	1	3	1	1	1	1	1	3	2	1	-	3	2	-	2
	All other causes	-	1	2	-	-	1	-	-	1	1	-	-	-	1	-	-

**Table 4.9 Infant mortality - deaths under 1 year in 2008, 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
<b>A00-Y89</b>	<b>All causes</b>	<b>Under 4 weeks</b>	<b>20</b>	<b>9</b>	<b>16</b>	<b>54</b>	<b>29</b>	<b>23</b>	<b>22</b>	<b>27</b>
		<b>4 weeks to 1 year</b>	<b>6</b>	<b>10</b>	<b>10</b>	<b>11</b>	<b>16</b>	<b>6</b>	<b>13</b>	<b>12</b>
G00-H95	Diseases of the nervous system and the sense organs <i>of which:</i>	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	1	1	1	-	-	-	3
G00-G03	Meningitis	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	1	1	-	-	-	-
G04-H95	Remainder of diseases of the nervous system and the sense organs	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	1	-	-	-	-	-	3
P00-P96	Certain conditions originating in the perinatal period <i>of which:</i>	Under 4 weeks	9	5	8	37	16	15	12	12
		4 weeks to 1 year	1	1	1	5	4	-	2	1
P00-P04	Foetus or newborn affected by maternal factors and by complications of pregnancy, labour and delivery	Under 4 weeks	1	1	2	12	1	-	3	3
		4 weeks to 1 year	-	-	-	-	2	-	-	-
P05-P08	Disorders related to length of gestation and fetal growth	Under 4 weeks	4	-	-	12	3	4	6	3
		4 weeks to 1 year	-	-	-	1	-	-	-	-
P10-P15	Birth Trauma	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	Under 4 weeks	3	3	2	4	4	5	-	2
		4 weeks to 1 year	-	-	-	1	-	-	-	-
P35-P39	Infections specific to the perinatal period	Under 4 weeks	-	-	-	5	3	1	1	1
		4 weeks to 1 year	-	-	-	1	1	-	1	-
P50-P61	Haemorrhagic & haematological disorders of fetus and newborn	Under 4 weeks	-	1	2	2	2	1	1	1
		4 weeks to 1 year	-	-	-	2	-	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	Under 4 weeks	-	-	1	-	1	-	-	1
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	Under 4 weeks	-	-	1	2	1	2	-	1
		4 weeks to 1 year	-	1	1	-	1	-	1	1
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	Under 4 weeks	-	-	-	-	1	-	1	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
P90-P96	Other disorders originating in the perinatal period	Under 4 weeks	1	-	-	-	-	2	-	-
		4 weeks to 1 year	1	-	-	-	-	-	-	-
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities <i>of which:</i>	Under 4 weeks	11	4	8	17	12	8	10	15
		4 weeks to 1 year	2	2	5	3	6	5	5	6
Q00-Q07	Congenital malformations of the nervous system	Under 4 weeks	5	-	2	4	3	-	-	1
		4 weeks to 1 year	-	-	1	-	-	3	1	1
Q10-Q18	Congenital malformations of eye, ear, face and neck	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	Under 4 weeks	-	2	-	2	2	3	3	4
		4 weeks to 1 year	1	-	2	-	-	-	3	-
Q30-Q34	Congenital malformations of the respiratory system	Under 4 weeks	-	-	2	-	-	-	-	-
		4 weeks to 1 year	1	1	-	1	-	1	-	1
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	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	Under 4 weeks	2	2	-	1	1	1	-	2
		4 weeks to 1 year	-	-	1	-	-	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	Under 4 weeks	1	-	2	4	-	2	2	-
		4 weeks to 1 year	-	1	-	1	1	-	-	1
Q80-Q89	Other congenital malformations	Under 4 weeks	-	-	-	2	4	-	-	2
		4 weeks to 1 year	-	-	-	1	2	-	-	1
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	Under 4 weeks	3	-	2	4	2	2	5	6
		4 weeks to 1 year	-	-	1	-	3	1	1	2
R95	Sudden infant death syndrome	Under 4 weeks	-	-	-	-	1	-	-	-
		4 weeks to 1 year	2	4	2	2	4	1	5	2
	All other causes	Under 4 weeks	-	-	-	-	-	-	-	-
		4 weeks to 1 year	1	2	1	-	2	-	1	-

**Table 4.10 Stillbirths in 2008, 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
<b>A00-Y89</b>	<b>All causes</b>	<b>294</b>	<b>162</b>	<b>132</b>	<b>89</b>	<b>50</b>	<b>39</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>250</b>	<b>138</b>	<b>112</b>	<b>88</b>	<b>50</b>	<b>38</b>
	<i>of which:</i>						
P05-P08	Disorders related to length of gestation and fetal growth	143	79	64	41	24	17
P10-P15	Birth Trauma	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	36	22	14	26	14	12
P35-P39	Infections specific to the perinatal period	1	-	1	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	10	4	6	9	4	5
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	1	1	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	1	-	1	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	1	2	-	-	-
P90-P96	Other disorders in the perinatal period	54	31	23	12	8	4
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>44</b>	<b>24</b>	<b>20</b>	<b>1</b>	<b>-</b>	<b>1</b>
	<i>of which:</i>						
Q00-Q07	Other congenital malformations of the nervous system	5	4	1	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	3	-	-	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	4	3	1	1	-	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	1	-	1	-	-	-
Q80-Q89	Other congenital malformations	4	1	3	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	27	16	11	-	-	-

**Table 4.11 Stillbirths in 2008, classified by age of mother, sex of child and period of gestation**

Age of mother	Sex of child	Period of gestation					
		Total	Under 24	24-27	28-36	37 weeks	Not Stated
<b>Total</b>	<b>Males</b>	<b>162</b>	<b>9</b>	<b>28</b>	<b>63</b>	<b>61</b>	<b>1</b>
	<b>Females</b>	<b>132</b>	<b>8</b>	<b>28</b>	<b>50</b>	<b>46</b>	<b>-</b>
Under 20	Males	7	-	3	4	-	-
	Females	5	1	-	1	3	-
20-24	Males	26	1	3	11	11	-
	Females	18	2	-	9	7	-
25-29	Males	38	4	8	15	11	-
	Females	30	2	3	14	11	-
30-34	Males	49	2	4	17	26	-
	Females	42	2	15	11	14	-
35-39	Males	27	-	5	12	9	1
	Females	18	1	2	11	4	-
40 and over	Males	11	2	4	3	2	-
	Females	13	-	6	3	4	-
Not stated	Males	4	-	1	1	2	-
	Females	6	-	2	1	3	-

**Table 4.12 Stillbirths in 2008, classified by age of mother and number of previous live and stillborn children**

Previous children	Total	Under 20	20-24	25-29	30-34	35-39	40 and over	Not stated
Number of previous children								
<b>Total</b>	<b>294</b>	<b>12</b>	<b>44</b>	<b>68</b>	<b>91</b>	<b>45</b>	<b>24</b>	<b>10</b>
0	160	6	24	39	52	26	11	2
1	79	4	9	22	19	11	8	6
2	35	-	6	4	13	5	5	2
3	10	1	3	1	3	2	-	-
4 or 5	7	-	1	2	3	1	-	-
6 or more	1	-	-	-	1	-	-	-
Not stated	2	1	1	-	-	-	-	-

**Table 4.13(a) Stillbirths in 2008, classified by cause and period of gestation**

ICD-10 codes	Cause of death	Period of gestation						
		Total	Under 28	28-31	32-36	37-41	42 & over	Not stated
<b>A00-Y89</b>	<b>All causes</b>	<b>294</b>	<b>73</b>	<b>42</b>	<b>71</b>	<b>106</b>	<b>1</b>	<b>1</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>250</b>	<b>68</b>	<b>34</b>	<b>57</b>	<b>90</b>	<b>-</b>	<b>1</b>
	<i>of which:</i>							
P05-P08	Disorders related to length of gestation and fetal growth	143	55	32	44	12	-	-
P10-P15	Birth Trauma	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	36	5	-	10	21	-	-
P35-P39	Infections specific to the perinatal period	1	-	-	-	1	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	10	7	1	1	1	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	-	-	-	2	-	-
P75-P78	Digestive system disorders of fetus and newborn	1	-	-	1	-	-	-
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	54	-	-	1	52	-	1
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>44</b>	<b>5</b>	<b>8</b>	<b>14</b>	<b>16</b>	<b>1</b>	<b>-</b>
	<i>of which:</i>							
Q00-Q07	Other congenital malformations of the nervous system	5	-	-	2	2	1	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	-	1	2	-	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	4	1	1	2	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	1	-	-	1	-	-	-
Q80-Q89	Other congenital malformations	4	-	2	-	2	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	27	4	5	8	10	-	-

**Table 4.13(b) Stillbirths in 2008 with mention of affecting maternal factors, classified by cause and period of gestation**

ICD-10 codes	Cause of death	Period of gestation						
		Total	Under 28	28-31	32-36	37-41	42 & over	Not stated
<b>A00-Y89</b>	<b>All causes</b>	<b>89</b>	<b>25</b>	<b>9</b>	<b>24</b>	<b>31</b>	<b>-</b>	<b>-</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>88</b>	<b>24</b>	<b>9</b>	<b>24</b>	<b>31</b>	<b>-</b>	<b>-</b>
	<i>of which:</i>							
P05-P08	Disorders related to length of gestation and fetal growth	41	15	8	15	3	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	26	3	-	7	16	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	9	6	1	1	1	-	-
P90-P96	Other disorders in the perinatal period	12	-	-	1	11	-	-
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<i>of which:</i>							
Q60-Q64	Congenital malformations of the urinary system	1	1	-	-	-	-	-

**Table 4.14(a) Stillbirths in 2008, 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	Not Stated
<b>A00-Y89</b>	<b>All causes</b>	<b>294</b>	<b>160</b>	<b>79</b>	<b>35</b>	<b>10</b>	<b>7</b>	<b>1</b>	<b>2</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>250</b>	<b>137</b>	<b>69</b>	<b>27</b>	<b>9</b>	<b>6</b>	<b>1</b>	<b>1</b>
	of which:								
P05-P08	Disorders related to length of gestation and fetal growth	143	77	42	12	6	4	1	1
P10-P15	Birth Trauma	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	36	18	12	4	1	1	-	-
P35-P39	Infections specific to the perinatal period	1	1	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	10	5	4	1	-	-	-	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	1	-	-	1	-	-	-
P75-P78	Digestive system disorders of fetus and newborn	1	1	-	-	-	-	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	2	-	1	-	-	-	-
P90-P96	Other disorders in the perinatal period	54	32	11	9	1	1	-	-
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>44</b>	<b>23</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>
	of which:								
Q00-Q07	Other congenital malformations of the nervous system	5	3	1	-	1	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	2	-	1	-	-	-	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	4	1	1	1	-	-	-	1
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	1	1	-	-	-	-	-	-
Q80-Q89	Other congenital malformations	4	4	-	-	-	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	27	12	8	6	-	1	-	-

**Table 4.14(b) Stillbirths in 2008 with mention of affecting maternal factors, 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	Not Stated
<b>A00-Y89</b>	<b>All causes</b>	<b>89</b>	<b>51</b>	<b>28</b>	<b>7</b>	<b>-</b>	<b>2</b>	<b>1</b>	<b>-</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>88</b>	<b>50</b>	<b>28</b>	<b>7</b>	<b>-</b>	<b>2</b>	<b>1</b>	<b>-</b>
	of which:								
P05-P08	Disorders related to length of gestation and fetal growth	41	25	10	4	-	1	1	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	26	14	10	1	-	1	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	9	4	4	1	-	-	-	-
P90-P96	Other disorders in the perinatal period	12	7	4	1	-	-	-	-
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	of which:								
Q60-Q64	Congenital malformations of the urinary system	1	1	-	-	-	-	-	-

**Table 4.15(a) Stillbirths in 2008, 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	
<b>A00-Y89</b>	<b>All causes</b>	<b>294</b>	<b>12</b>	<b>44</b>	<b>68</b>	<b>91</b>	<b>45</b>	<b>24</b>	<b>10</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>250</b>	<b>11</b>	<b>40</b>	<b>63</b>	<b>71</b>	<b>36</b>	<b>21</b>	<b>8</b>
	<i>of which:</i>								
P05-P08	Disorders related to length of gestation and fetal growth	143	8	23	39	40	17	13	3
P10-P15	Birth Trauma	-	-	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	36	-	5	8	12	7	-	4
P35-P39	Infections specific to the perinatal period	1	1	-	-	-	-	-	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	10	-	-	3	-	3	4	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	-	-	-	1	1	-	-
P75-P78	Digestive system disorders of fetus and newborn	1	-	-	-	-	1	-	-
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	54	2	11	12	17	7	4	1
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>44</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>20</b>	<b>9</b>	<b>3</b>	<b>2</b>
	<i>of which:</i>								
Q00-Q07	Other congenital malformations of the nervous system	5	-	1	-	4	-	-	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	-	-	1	1	-	-	1
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	4	1	-	-	3	-	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	1	-	-	1	-	-	-	-
Q80-Q89	Other congenital malformations	4	-	1	1	2	-	-	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	27	-	2	2	10	9	3	1

**Table 4.15(b) Stillbirths in 2008 with mention of affecting maternal factors, 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	
<b>A00-Y89</b>	<b>All causes</b>	<b>89</b>	<b>-</b>	<b>14</b>	<b>19</b>	<b>31</b>	<b>11</b>	<b>10</b>	<b>4</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>88</b>	<b>-</b>	<b>14</b>	<b>19</b>	<b>30</b>	<b>11</b>	<b>10</b>	<b>4</b>
	<i>of which:</i>								
P05-P08	Disorders related to length of gestation and fetal growth	41	-	8	10	16	1	5	1
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	26	-	4	4	10	5	-	3
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	9	-	-	3	-	2	4	-
P90-P96	Other disorders in the perinatal period	12	-	2	2	4	3	1	-
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<i>of which:</i>								
Q60-Q64	Congenital malformations of the urinary system	1	-	-	-	1	-	-	-

**Table 4.16(a) Stillbirths in 2008, classified by cause and weight**

ICD-10 codes	Cause of death	Weight					Not Stated
		Total	Under 1000g	1000-1499g	1500-2499g	2500g & over	
<b>A00-Y89</b>	<b>All causes</b>	<b>294</b>	<b>91</b>	<b>35</b>	<b>70</b>	<b>96</b>	<b>2</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>250</b>	<b>78</b>	<b>28</b>	<b>56</b>	<b>86</b>	<b>2</b>
	<i>of which:</i>						
P05-P08	Disorders related to length of gestation and fetal growth	143	64	27	44	7	1
P10-P15	Birth Trauma	-	-	-	-	-	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	36	5	1	8	22	-
P35-P39	Infections specific to the perinatal period	1	-	-	-	1	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	10	8	-	1	1	-
P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	2	-	-	-	2	-
P75-P78	Digestive system disorders of fetus and newborn	1	-	-	1	-	-
P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	3	1	-	2	-	-
P90-P96	Other disorders in the perinatal period	54	-	-	-	53	1
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>44</b>	<b>13</b>	<b>7</b>	<b>14</b>	<b>10</b>	<b>-</b>
	<i>of which:</i>						
Q00-Q07	Other congenital malformations of the nervous system	5	-	-	2	3	-
Q10-Q18	Congenital malformations of eye, ear, face and neck	-	-	-	-	-	-
Q20-Q28	Congenital malformations of the circulatory system	3	1	-	1	1	-
Q30-Q34	Congenital malformations of the respiratory system	-	-	-	-	-	-
Q35-Q37	Cleft lip and cleft palate	-	-	-	-	-	-
Q38-Q45	Other congenital malformations of the digestive system	-	-	-	-	-	-
Q50-Q56	Congenital malformations of genital organs	-	-	-	-	-	-
Q60-Q64	Congenital malformations of the urinary system	4	2	1	1	-	-
Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	1	-	-	1	-	-
Q80-Q89	Other congenital malformations	4	1	1	1	1	-
Q90-Q99	Chromosomal abnormalities, not elsewhere classified	27	9	5	8	5	-

**Table 4.16(b) Stillbirths in 2008 with mention of affecting maternal factors, classified by cause and weight**

ICD-10 codes	Cause of death	Weight					Not Stated
		Total	Under 1000g	1000-1499g	1500-2499g	2500g & over	
<b>A00-Y89</b>	<b>All causes</b>	<b>89</b>	<b>23</b>	<b>13</b>	<b>22</b>	<b>31</b>	<b>-</b>
<b>P00-P96</b>	<b>Certain conditions originating in the perinatal period</b>	<b>88</b>	<b>22</b>	<b>13</b>	<b>22</b>	<b>31</b>	<b>-</b>
	<i>of which:</i>						
P05-P08	Disorders related to length of gestation and fetal growth	41	12	12	15	2	-
P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	26	3	1	6	16	-
P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	9	7	-	1	1	-
P90-P96	Other disorders in the perinatal period	12	-	-	-	12	-
<b>Q00-Q99</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<i>of which:</i>						
Q60-Q64	Congenital malformations of the urinary system	1	1	-	-	-	-

# Appendix

**Table A Deaths which were registered on the authority\* of the Superintendent Registrars in 2008, classified by underlying cause of death, sex and age-group**

ICD 10 code	Underlying cause of death	Sex	Age at death																			
			0-4	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	10	3	-	-	16	30	14	24	24	18	14	15	26	23	27	26	38	36	52	396
		F	10	4	1	2	7	5	3	2	8	9	5	9	14	12	22	23	27	48	105	316
A00-B99	I Infectious and parasitic diseases	M	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-	1	-	4
		F	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	1	1	1	1
C00-D48	II Neoplasms	M	-	-	-	-	-	-	-	-	-	-	1	3	3	8	7	4	10	9	45	
		F	-	-	-	-	-	-	-	-	1	1	1	3	1	8	7	4	2	12	40	
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	1	1	1	6
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	6
F00-F99	V Mental and behavioural disorders	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G00-G99	VI Diseases of the nervous system	M	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	2	1	1	1	7
		F	-	2	-	1	-	-	-	-	-	-	-	-	1	-	-	1	1	1	6	13
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	-	-	-	-	-	1	-	3	2	1	3	5	9	4	9	18	10	24	89	
		F	-	-	-	-	-	-	1	-	-	1	1	4	3	9	9	15	22	48	113	
J00-J99	X Diseases of the respiratory system	M	-	-	-	-	2	1	-	-	-	-	1	1	-	2	2	4	4	7	24	
		F	-	1	-	-	-	-	-	-	-	-	1	-	1	-	-	2	6	15	26	
K00-K93	XI Diseases of the digestive system	M	-	-	-	1	-	1	-	-	1	2	2	-	3	1	1	-	1	-	13	
		F	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	1	-	2	6	
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	3	
		F	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	2	
N00-N99	XIV Diseases of genitourinary system	M	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	3	
		F	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	2	4	
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
P00-P96	XVI Certain conditions originating in the perinatal period	M	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	-	-	-	-	-	-	1	1	-	2	-	-	1	1	-	2	4	7	19	
		F	2	-	-	-	-	-	-	-	1	-	-	-	-	-	2	2	7	9	23	
V01-Y89	XX External causes of injury and poisoning	M	1	3	-	-	15	27	11	21	19	14	9	6	15	6	10	5	6	3	1	172
		F	-	1	1	1	7	4	2	1	6	6	3	6	5	5	5	2	1	6	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 2008, classified by underlying cause of death, sex and year of occurrence**

ICD 10 code	Underlying cause of death	Sex	Age at death										Total
			2006	2005	2004	2003	2002	2001	2000	1999	1998	1997 & earlier	
<b>A00-Y89</b>	<b>All causes</b>	<b>M</b>	<b>216</b>	<b>38</b>	<b>20</b>	<b>13</b>	<b>10</b>	<b>4</b>	<b>7</b>	<b>3</b>	<b>5</b>	<b>80</b>	<b>396</b>
		<b>F</b>	<b>120</b>	<b>30</b>	<b>17</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>7</b>	<b>6</b>	<b>94</b>	<b>316</b>
A00-B99	I Infectious and parasitic diseases	M	1	-	1	-	-	-	-	-	-	2	4
		F	3	-	-	-	-	-	1	-	-	2	6
C00-D48	II Neoplasms	M	18	3	2	5	3	-	3	1	1	9	45
		F	10	7	3	2	2	-	-	2	-	14	40
D50-D89	III Diseases of the blood and bloodforming organs and certain disorders involving the immune mechanism	M	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1
E00-E90	IV Endocrine, nutritional and metabolic diseases	M	1	2	-	-	2	-	-	-	1	-	6
		F	2	1	-	-	-	-	-	-	1	2	6
F00-F99	V Mental and behavioural disorders	M	2	-	-	-	-	-	-	-	-	-	2
		F	-	-	-	-	-	-	-	-	-	-	-
G00-G99	VI Diseases of the nervous system	M	2	-	1	-	1	-	-	-	-	3	7
		F	7	-	1	-	1	-	1	-	1	2	13
H00-H59	VII Diseases of the eye and adnexa	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
H60-H95	VIII Diseases of the ear and mastoid process	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
I00-I99	IX Diseases of the circulatory system	M	26	10	5	4	3	1	2	1	-	37	89
		F	28	7	6	6	6	6	4	4	2	44	113
J00-J99	X Diseases of the respiratory system	M	7	2	3	-	1	-	-	1	1	9	24
		F	7	2	1	2	-	3	2	-	1	8	26
K00-K93	XI Diseases of the digestive system	M	8	-	2	-	-	-	-	-	-	3	13
		F	5	1	-	-	-	-	-	-	-	-	6
L00-L99	XII Diseases of the skin and subcutaneous tissue	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-
M00-M99	XIII Diseases of musculoskeletal system and connective tissue	M	1	-	-	-	-	-	-	-	1	1	3
		F	1	-	-	-	-	-	-	-	-	1	2
N00-N99	XIV Diseases of genitourinary system	M	-	1	-	-	-	-	-	-	1	1	3
		F	2	-	1	-	-	-	1	-	-	-	4
O00-O99	XV Complications of pregnancy, childbirth and puerperium	M	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	1	-	-	-	-	-	-	1
P00-P96	XVI Certain conditions originating in the perinatal period	M	5	-	-	-	-	1	-	-	-	2	8
		F	-	1	-	-	-	-	1	-	-	2	4
Q00-Q99	XVII Congenital malformations and chromosomal abnormalities	M	1	-	-	-	-	-	-	-	-	-	1
		F	1	1	-	-	-	-	-	-	-	2	4
R00-R99	XVIII Symptoms, signs, abnormal findings, ill-defined causes	M	1	1	1	2	-	-	1	-	-	13	19
		F	2	1	-	-	1	-	-	1	1	17	23
V01-Y89	XX External causes of injury and poisoning	M	143	19	5	2	-	2	1	-	-	-	172
		F	51	9	5	1	-	1	-	-	-	-	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 2008, classified by sex and age-group**

ICD 10 code	Underlying cause of death	Sex	Age at death																			
			0-0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 & over	All ages
V01-Y89	XX External causes of injury and poisoning	M	1	3	-	-	15	27	11	21	19	14	9	6	15	6	10	5	6	3	1	172
		F	-	1	1	1	7	4	2	1	6	6	3	6	5	5	5	2	1	6	5	67
V01-X59	Accidents	M	1	3	-	-	13	23	8	17	12	9	5	4	10	3	10	2	3	2	1	126
		F	-	1	1	1	5	3	1	1	3	3	1	2	3	2	4	-	1	5	5	42
X60-X84	Intentional self-harm	M	-	-	-	-	1	2	2	2	5	2	2	-	4	2	-	1	2	-	-	25
		F	-	-	-	-	-	-	1	-	1	3	2	2	2	1	-	-	-	-	-	12
X85-Y09	Assault	M	-	-	-	-	1	-	1	2	2	3	1	1	1	1	-	-	-	1	-	14
		F	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	3
Y10-Y34	Events of undetermined intent	M	-	-	-	-	-	2	-	-	-	-	1	1	-	-	-	2	-	-	-	6
		F	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	1	-	-	-	3
Y40-Y89	All other external causes	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	2	-	2	1	1	-	1	-	7

\* 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 2008, classified by sex and year of occurrence**

ICD 10 code	Underlying cause of death	Sex	Age at death								1999 & earlier	Total
			2006	2005	2004	2003	2002	2001	2000			
V01-Y89	XX External causes of injury and poisoning	M	143	19	5	2	-	2	1	-	172	
		F	51	9	5	1	-	1	-	-	67	
V01-X59	Accidents	M	104	15	5	-	-	1	1	-	126	
		F	32	7	3	-	-	-	-	-	42	
X60-X84	Intentional self-harm	M	21	3	-	-	-	1	-	-	25	
		F	8	1	2	1	-	-	-	-	12	
X85-Y09	Assault	M	12	1	-	1	-	-	-	-	14	
		F	3	-	-	-	-	-	-	-	3	
Y10-Y34	Events of undetermined intent	M	5	-	-	1	-	-	-	-	6	
		F	2	-	-	-	-	1	-	-	3	
Y40-Y89	All other external causes	M	1	-	-	-	-	-	-	-	1	
		F	6	1	-	-	-	-	-	-	7	

\* 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.

