



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

# **Vital Statistics**

## **Second Quarter**

### **2004**

Published by the Stationery Office, Dublin, Ireland.

To be purchased from the:

Central Statistics Office, Information Section, Skehard Road, Cork,

Government Publications Sales Office, Sun Alliance House,  
Molesworth Street, Dublin 2,

or through any bookseller.

Compiled by the Central Statistics Office on behalf of the Department of  
Health and Children.

[No. 561] Price €6.00 December 2004.

© Government of Ireland 2004

Material compiled and presented by  
Central Statistics Office.

Reproduction is authorised, except for commercial  
purposes, provided the source is acknowledged.

ISBN 0-7557-1864-X  
ISSN 0790-7710

# Contents

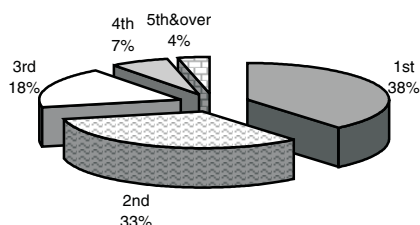
## Second Quarter 2004

	<b>Page</b>
<b>Commentary</b>	4
<b>Tables</b>	
Table 1	Marriages, births, deaths and natural increase 6
Table 2	Annual marriage, birth, death and natural increase rates per 1,000 population 7
Table 3	Births registered, classified by age of mother at maternity, sex and previous number of liveborn children, showing the number of births outside marriage 9
Table 4	Births registered, classified by area of residence and age of mother 10
Table 5	Births registered outside marriage, classified by area of residence and age of mother 11
Table 6	Births registered, classified by area of occurrence and by area of residence of mother, showing the percentage of births outside marriage 12
Table 7	Deaths registered, classified by area of occurrence and area of residence of deceased, showing the number aged 65 and over 13
Table 8	Deaths registered classified by cause and age group 14
Table 9	Deaths registered, classified by principal cause and area of residence of deceased 16
Table 10	Deaths registered of infants under 1 year, classified by cause, sex and age group 18
Table 11	Infant and neonatal mortality by area of residence of deceased 19
Table 12	Deaths by quarter of registration and principal cause 20
Note: Page 8 is blank	
<b>Appendix</b>	
Glossary of terms	22
Causes of death Eurostat shortlist (August 1998)	23
Estimated population classified by sex and age group, 1999-2004	24

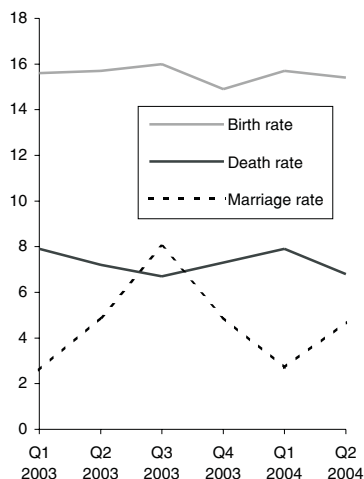
## Second Quarter 2004

### Commentary

#### Birth Order



#### Annual birth, death and marriage rates per 1,000 population



#### Average age at maternity



#### Introduction

This report has been prepared by the Central Statistics Office for the Minister for Health and Children in accordance with the provisions of Section 2 of the Vital Statistics and Births, Deaths and Marriages Registration Act, 1952.

#### Births

There were 15,535 births registered in quarter 2 of 2004, 8,013 males and 7,522 females, a decrease of 47 on the quarter 2 figure of 2003. The quarter 2 2004 total is 23% higher than in 1995 when 12,579 babies were registered.

This represents an annual birth rate of 15.4 per 1,000 of the population, 0.3 below quarter 2 of 2003. This rate is 1.4 per 1,000 population higher than in 1995.

#### Birth order

A total of 5,897 births (38.8%) were to first time mothers in quarter 2 of 2004. Second time mothers had 4,990 births (32.8%). On the other hand, only 28.4% of mothers already had two or more live born children, reflecting the trend towards smaller family sizes (see table 3). This compares to 4,498 (35.8%) first births registered in quarter 2 1995.

#### Births outside marriage

There were 4,874 births registered as outside marriage in quarter 2 of 2004. This accounted for 31.4% of all births, an increase of 1.3% on quarter 2 2003. The highest percentage of births outside marriage occurred in Limerick City at 52.5%, while the county with the lowest percentage was Mayo at 21.2% (see table 6). In quarter 2 1995 2,644 births were registered outside marriage or 21.0% of all births.

#### Deaths

There were 6,881 deaths registered in quarter 2 2004, 3,495 males and 3,386 females, a decrease of 322 on the quarter 2 figure 2003. The quarter 2 2004 total is 14% lower than in 1995 when 8,004 deaths were registered.

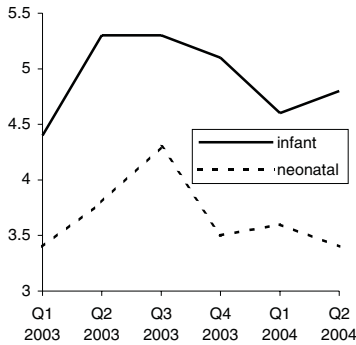
This represents an annual death rate of 6.8 per 1,000 population, 0.4 below quarter 2 2003. This rate is 2.1 per 1,000 population lower than in 1995.

#### Age at death

There were 74 infant deaths registered in quarter 2 2004, a decrease of 9 on the quarter 2 figure 2003. Neonatal deaths are deaths of infants at ages under 4 weeks. There were 53 neonatal deaths registered in quarter 2 2004, a decrease of 6 on the quarter 2 figure 2003.

In quarter 2 2004 the infant mortality rate of 4.8 per 1,000 live births was 0.5 below quarter 2 2003. This rate is 2.3 per 1,000 live births lower than in 1995. The neonatal mortality rate per 1,000 live births in quarter 2 2004 was 3.4, 0.4 below quarter 2 2003 and 2.2 below quarter 2 1995.

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



There were 5,351 deaths of persons aged 65 and over registered in quarter 2 2004, a decrease of 274 on the quarter 2 figure 2003. The quarter 2 2004 total is 17% lower than in 1995 when 6,471 deaths were registered.

This represents an annual death rate of 47.5 per 1,000 population aged 65 and over, 3.3 below quarter 2 2003. This rate is 15.4 per 1,000 population aged 65 and over lower than in 1995.

**Cause of death**

• **Diseases of the Circulatory System:**

Diseases of the Circulatory System accounted for 2,590 deaths, or an annual rate of 2.6 per 1,000 population. Of these 1,358 were due to Ischaemic Heart Disease and 482 to Cerebrovascular Disease.

• **Malignant Neoplasms:**

There were 1,892 deaths from malignant neoplasms. This is equivalent to an annual rate of 1.9 per 1,000 population. Of these 218 were due to malignant neoplasms of the colon, rectum and anus and 365 to malignant neoplasms of the larynx and trachea, bronchus and lung.

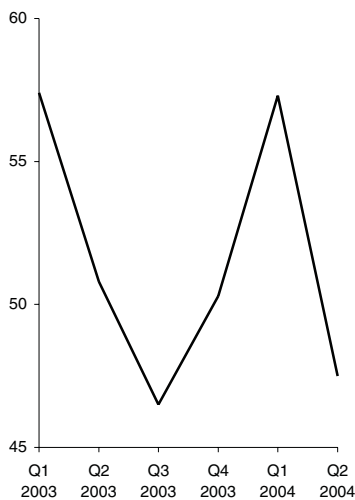
• **Diseases of the Respiratory System:**

Deaths from pneumonia numbered 474; chronic bronchitis, emphysema and asthma (including chronic obstructive airways disease) accounted for 335 deaths; 168 deaths resulted from other respiratory diseases.

• **Injury and Poisoning:**

There were 72 deaths from injuries received in motor vehicle accidents (including non-traffic accidents) while all other injuries and poisonings accounted for 277 deaths.

**Death rates for ages 65 & over per 1,000 relevant population**



**Methodology**

Deaths are coded according to the 9<sup>th</sup> revision of the International Statistical Classification of Diseases, Injuries and Causes of death.

**Marriages**

The number of marriages registered during the quarter was 4,719 equivalent to an annual marriage rate of 4.7 per 1,000 population, 0.2 below the corresponding quarter of 2003. The quarter 2 2004 total is 27% higher than in 1995 when 3,711 marriages were registered.

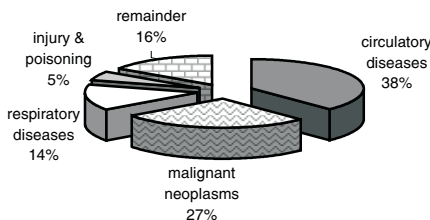
**Population**

The estimated population in April 2004 was 4,043,800 persons.

**Methodology**

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

**Principal causes of death**



**Table 1 Marriages, births, deaths and natural increase**

	Marriages <sup>1</sup>	Live Births				Deaths				Natural Increase
		Total	First	Outside marriage	Average Age	Total	Infant	Neonatal	65 & over	
<b>Quarter 1</b>										
1995	1751	12516	4428	2851	29.8	9165	70	45	7466	3351
1996	1974	12749	4762	3139	30.0	9248	67	48	7592	3501
1997	1665	12980	5032	3656	29.9	9235	87	53	7541	3745
1998	1642	13405	5209	3875	30.0	8927	82	52	7244	4478
1999	2064	13388	5491	4275	30.0	9867	80	61	8104	3521
2000	2200	13984	5693	4656	30.0	9804	86	59	8062	4180
2001	2168	14785	5963	4877	30.1	8408	81	56	6747	6377
2002	2338	14972	6127	4877	30.3	7749	73	51	6281	7223
2003	2571	15238	6158	5080	30.3	7756	67	52	6259	7482
2004	2676	15599	6082	5181	30.7	7873	72	56	6347	7726
<b>Quarter 2</b>										
1995	3711	12579	4498	2644	30.0	8004	89	71	6471	4575
1996	3653	12175	4316	2844	30.0	7790	59	38	6351	4385
1997	3577	13679	5036	3445	30.2	8104	80	48	6434	5575
1998	3689	13729	5181	3674	30.1	8021	88	56	6421	5708
1999	4577	13585	5299	4053	30.2	7777	79	55	6155	5808
2000	4670	13794	5427	4260	30.3	7650	77	52	5974	6144
2001	4533	14303	5615	4307	30.5	7260	74	55	5808	7043
2002	4994	15247	5858	4672	30.5	7680	91	64	6074	7567
2003	4827	15582	6095	4689	30.6	7203	83	59	5625	8379
2004	4719	15535	5897	4874	30.8	6881	74	53	5351	8654
<b>Quarter 3</b>										
1995	6451	12488	4660	2804	30.1	6835	71	51	5350	5653
1996	6868	13015	4999	3274	30.0	7235	81	57	5729	5780
1997	7011	14211	5442	3723	30.2	7090	80	51	5505	7121
1998	7530	14027	5552	3901	30.1	7187	72	57	5625	6840
1999	7342	13840	5635	4323	30.0	6645	70	44	5218	7195
2000	7593	13967	5641	4451	30.2	6832	89	54	5372	7135
2001	7557	14688	5901	4472	30.3	6974	97	67	5403	7714
2002	7934	15593	6333	4855	30.4	6941	68	50	5391	8652
2003	7996	15909	6240	4981	30.6	6639	85	68	5147	9270
2004										
<b>Quarter 4</b>										
1995	3691	10947	4083	2489	30.1	7490	77	58	5875	3457
1996	3679	12451	4910	3227	29.9	7241	71	55	5631	5210
1997	3378	11441	4584	3068	30.0	7176	77	44	5613	4265
1998	3922	12390	5053	3683	30.1	7217	88	67	5566	5173
1999	4543	12541	5139	3810	30.2	7394	64	48	5815	5147
2000	4705	12494	5236	3868	30.2	6829	70	53	5324	5665
2001	4988	14106	5915	4393	30.3	7170	85	57	5422	6936
2002	4781	14709	5989	4411	30.5	6978	74	49	5378	7731
2003	4908	14788	5883	4563	30.7	7225	76	52	5568	7563
2004										
<b>Total</b>										
1995	15604	48530	17673	10788	30.0	31494	307	225	25162	17036
1996	16174	50390	18987	12484	30.0	31514	278	198	25303	18876
1997	15631	52311	20094	13892	30.1	31605	324	196	25093	20706
1998	16783	53551	20995	15133	30.1	31352	330	232	24856	22199
1999	18526	53354	21564	16461	30.1	31683	293	208	25292	21671
2000	19168	54239	21997	17235	30.2	31115	322	218	24732	23124
2001	19246	57882	23394	18049	30.3	29812	337	235	23380	28070
2002	20047	60521	24307	18815	30.4	29348	306	214	23124	31173
2003	20302	61517	24376	19313	30.6	28823	311	231	22599	32694
2004										

<sup>1</sup> The figures since 1996 are subject to revision

**Table 2 Annual marriage, birth, death and natural increase rates per 1,000 population**

	Marriages	Live Births			Deaths				Natural Increase
		Total	% First births <sup>1</sup>	% Outside marriage	Total	Infant Mortality <sup>2</sup>	Neonatal Mortality <sup>3</sup>	65 & over	
<b>Quarter 1</b>									
1995	2.0	14.0	35.6	22.8	10.2	5.6	3.6	73.1	3.7
1996	2.2	14.2	37.5	24.6	10.3	5.3	3.8	73.8	3.9
1997	1.8	14.3	38.8	28.2	10.2	6.7	4.1	72.9	4.1
1998	1.8	14.6	39.0	28.9	9.7	6.1	3.9	69.6	4.9
1999	2.2	14.5	41.1	31.9	10.7	6.0	4.6	77.1	3.8
2000	2.4	14.9	40.9	33.3	10.5	6.1	4.2	76.4	4.5
2001	2.3	15.6	40.5	33.0	8.9	5.5	3.8	63.5	6.7
2002	2.4	15.6	41.2	32.6	8.1	4.9	3.4	58.5	7.5
2003	2.6	15.6	40.7	33.3	7.9	4.4	3.4	57.4	7.6
2004	2.7	15.7	40.4	33.2	7.9	4.6	3.6	57.3	7.8
<b>Quarter 2</b>									
1995	4.1	14.0	35.8	21.0	8.9	7.1	5.6	62.9	5.1
1996	4.0	13.4	35.5	23.4	8.6	4.8	3.1	61.4	4.8
1997	3.9	14.9	36.9	25.2	8.8	5.8	3.5	61.9	6.1
1998	4.0	14.8	37.9	26.8	8.7	6.4	4.1	61.1	6.2
1999	4.9	14.5	39.2	29.8	8.3	5.8	4.0	58.4	6.2
2000	4.9	14.6	39.5	30.9	8.1	5.6	3.8	56.3	6.5
2001	4.7	14.9	39.5	30.1	7.5	5.2	3.8	54.1	7.3
2002	5.1	15.6	38.8	30.6	7.8	6.0	4.2	55.7	7.7
2003	4.9	15.7	39.5	30.1	7.2	5.3	3.8	50.8	8.4
2004	4.7	15.4	38.8	31.4	6.8	4.8	3.4	47.5	8.6
<b>Quarter 3</b>									
1995	7.2	13.9	37.4	22.5	7.6	5.7	4.1	52.0	6.3
1996	7.6	14.4	38.5	25.2	8.0	6.2	4.4	55.4	6.4
1997	7.7	15.5	38.4	26.2	7.7	5.6	3.6	52.9	7.8
1998	8.1	15.2	39.7	27.8	7.8	5.1	4.1	53.5	7.4
1999	7.8	14.8	40.9	31.2	7.1	5.1	3.2	49.5	7.7
2000	8.0	14.7	40.6	31.9	7.2	6.4	3.9	50.6	7.5
2001	7.9	15.3	40.4	30.4	7.3	6.6	4.6	50.3	8.0
2002	8.1	15.9	41.0	31.1	7.1	4.4	3.2	49.5	8.8
2003	8.0	16.0	39.6	31.3	6.7	5.3	4.3	46.5	9.3
2004									
<b>Quarter 4</b>									
1995	4.1	12.2	37.4	22.7	8.3	7.0	5.3	57.1	3.8
1996	4.1	13.7	39.5	25.9	8.0	5.7	4.4	54.4	5.7
1997	3.7	12.5	40.2	26.8	7.8	6.7	3.8	54.0	4.7
1998	4.2	13.4	41.0	29.7	7.8	7.1	5.4	53.0	5.6
1999	4.9	13.4	41.1	30.4	7.9	5.1	3.8	55.1	5.5
2000	5.0	13.2	42.1	31.0	7.2	5.6	4.2	50.1	6.0
2001	5.2	14.7	42.2	31.1	7.5	6.0	4.0	50.5	7.2
2002	4.9	15.0	41.2	30.0	7.1	5.0	3.3	49.3	7.9
2003	4.9	14.9	40.9	30.9	7.3	5.1	3.5	50.3	7.6
2004									
<b>Total</b>									
1995	4.3	13.5	36.5	22.2	8.7	6.3	4.6	61.2	4.7
1996	4.5	13.9	37.8	24.8	8.7	5.5	3.9	61.1	5.2
1997	4.3	14.3	38.5	26.6	8.6	6.2	3.7	60.3	5.7
1998	4.5	14.5	39.4	28.3	8.5	6.2	4.3	59.2	6.0
1999	5.0	14.3	40.6	30.9	8.5	5.5	3.9	59.9	5.8
2000	5.1	14.3	40.8	31.8	8.2	5.9	4.0	58.2	6.1
2001	5.0	15.0	40.7	31.2	7.7	5.8	4.1	54.4	7.3
2002	5.1	15.5	40.5	31.1	7.5	5.1	3.5	53.0	8.0
2003	5.1	15.5	40.2	31.4	7.2	5.1	3.8	51.0	8.2
2004									

<sup>1</sup> First births divided by the total number of live births (excluding those with unstated parity), multiplied by 100<sup>2</sup> Infant mortality is the number of infant deaths per 1,000 live births<sup>3</sup> Neonatal mortality is the number of neonatal (infants aged under 4 weeks) deaths per 1,000 live births





**Table 3 Births registered, classified by age of mother at maternity, sex and previous number of liveborn children showing the number of births outside marriage**

Age of mother at maternity	Total births			Births outside marriage	Previous number of liveborn children						
	Males	Females	Total		0	1	2	3	4	5 or more	Not stated
All ages	8,013	7,522	15,535	4,874	5,897	4,990	2,744	1,028	311	237	328
15 and under	10	4	14	14	14	-	-	-	-	-	-
16	28	22	50	49	45	3	-	-	-	-	2
17	48	46	94	90	88	4	-	-	-	-	2
18	114	86	200	190	184	14	-	-	-	-	2
19	134	135	269	234	222	35	6	1	-	-	5
Under 20	334	293	627	577	553	56	6	1	-	-	11
20	173	145	318	267	243	59	9	3	-	-	4
21	190	173	363	297	230	106	19	-	-	-	8
22	200	181	381	312	234	106	31	1	2	-	7
23	227	217	444	333	238	146	43	11	2	-	4
24	266	233	499	325	236	174	63	12	4	1	9
20-24	1,056	949	2,005	1,534	1,181	591	165	27	8	1	32
25	250	274	524	301	236	185	68	23	2	-	10
26	344	299	643	322	300	226	79	25	4	2	7
27	347	333	680	232	329	229	72	29	5	3	13
28	446	396	842	247	366	277	117	36	19	7	20
29	476	430	906	229	380	322	127	39	13	6	19
25-29	1,863	1,732	3,595	1,331	1,611	1,239	463	152	43	18	69
30	551	513	1,064	215	440	345	182	52	14	9	22
31	550	543	1,093	186	414	382	185	71	14	11	16
32	604	549	1,153	187	395	426	203	64	23	17	25
33	540	548	1,088	140	312	392	252	81	27	7	17
34	560	541	1,101	148	263	394	265	101	33	21	24
30-34	2,805	2,694	5,499	876	1,824	1,939	1,087	369	111	65	104
35	461	442	903	113	213	305	244	80	23	22	16
36	379	371	750	88	134	260	203	92	23	20	18
37	322	299	621	89	112	175	182	92	24	21	15
38	258	220	478	75	85	134	141	69	25	15	9
39	190	179	369	62	64	108	113	51	12	15	6
35-39	1,610	1,511	3,121	427	608	982	883	384	107	93	64
40 and over	296	282	578	95	104	151	125	88	41	58	11
Age not stated	49	61	110	34	16	32	15	7	1	2	37

**Table 4 Births registered, classified by area of residence and age of mother**

Area of residence	Under 20	20-24	25-29	30-34	35-39	40 and over	Age not stated	All ages	Average age of mother at maternity	
									Total	First
LEINSTER	397	1,150	2,140	3,208	1,790	316	21	9,022	30.7	28.5
Carlow	11	32	52	75	38	2	-	210	30.0	27.5
Dublin City	88	273	393	522	281	77	2	1,636	30.1	28.2
South Dublin	51	167	267	395	196	40	1	1,117	30.4	28.3
Fingal	43	131	289	462	223	28	1	1,177	30.9	29.1
Dun Laoghaire Rathdown	20	46	85	217	199	26	1	594	32.6	30.0
Kildare	37	81	209	341	163	30	3	864	31.0	28.9
Kilkenny	10	33	83	119	72	13	-	330	31.3	29.1
Laois	13	35	64	82	38	12	-	244	30.4	27.9
Longford	4	21	21	30	28	4	2	110	30.6	26.5
Louth	27	72	133	140	77	13	-	462	29.8	27.0
Meath	14	48	144	262	146	26	5	645	31.9	29.3
Offaly	7	41	65	96	50	6	2	267	30.4	27.3
Westmeath	12	30	81	117	61	4	3	308	30.8	28.2
Wexford	34	87	130	174	100	17	1	543	30.0	27.4
Wicklow	26	53	124	176	118	18	-	515	31.0	28.7
MUNSTER	150	559	961	1,502	835	169	36	4,212	30.9	28.4
Clare	13	41	112	168	89	19	2	444	31.3	28.6
Cork City	28	83	95	113	67	11	1	398	29.3	27.4
Cork County	35	141	273	556	311	50	3	1,369	31.6	29.2
Kerry	15	69	95	140	81	21	2	423	30.7	27.6
Limerick City	14	39	70	58	31	6	1	219	29.2	27.0
Limerick County	13	50	108	190	95	21	1	478	31.3	28.8
North Tipperary	6	30	52	72	52	10	8	230	31.2	28.8
South Tipperary	13	38	54	81	43	15	18	262	30.4	27.4
Waterford City	6	24	52	50	23	7	-	162	30.1	27.7
Waterford County	7	44	50	74	43	9	-	227	30.5	27.2
CONNACHT	40	167	294	536	318	63	44	1,462	31.4	29.0
Galway City	10	35	49	73	45	8	3	223	30.6	28.0
Galway County	8	50	83	182	110	15	2	450	31.7	29.2
Leitrim	3	9	18	38	20	6	2	96	31.7	28.5
Mayo	9	36	69	103	63	13	33	326	31.3	27.4
Roscommon	5	14	44	62	40	8	4	177	31.5	29.0
Sligo	5	23	31	78	40	13	-	190	31.8	30.2
ULSTER (PART OF)	40	129	200	253	178	30	9	839	30.5	26.8
Cavan	8	28	48	75	48	13	5	225	31.4	28.1
Donegal	24	82	109	126	98	13	2	454	30.0	26.2
Monaghan	8	19	43	52	32	4	2	160	30.6	27.1
STATE	627	2,005	3,595	5,499	3,121	578	110	15,535	30.8	28.4
REGIONAL AUTHORITIES:										
Border	75	233	382	509	315	62	11	1,587	30.5	27.4
Midland	36	127	231	325	177	26	7	929	30.5	27.7
West	32	135	245	420	258	44	42	1,176	31.3	28.7
Dublin	202	617	1,034	1,596	899	171	5	4,524	30.7	28.7
Mid-East	77	182	477	779	427	74	8	2,024	31.3	29.0
Mid-West	46	160	342	488	267	56	12	1,371	31.0	28.5
South-East	81	258	421	573	319	63	19	1,734	30.4	27.7
South-West	78	293	463	809	459	82	6	2,190	31.0	28.6
HEALTH BOARDS:										
ERHA	265	751	1,367	2,113	1,180	219	8	5,903	30.8	28.7
Midland	36	127	231	325	177	26	7	929	30.5	27.7
Mid Western	46	160	342	488	267	56	12	1,371	31.0	28.5
North Eastern	57	167	368	529	303	56	12	1,492	31.0	28.2
North Western	32	114	158	242	158	32	4	740	30.7	27.6
South Eastern	81	258	421	573	319	63	19	1,734	30.4	27.7
Southern	78	293	463	809	459	82	6	2,190	31.0	28.6
Western	32	135	245	420	258	44	42	1,176	31.3	28.7

**Table 5 Births registered outside marriage, classified by area of residence and age of mother**

Area of residence	Under 25	25-29	30-34	35-39	40 and over	Age not stated	All ages	Average age of mother at maternity	
								Total	First
LEINSTER	1,255	825	554	279	59	7	2,979	27.0	25.1
Carlow	40	23	11	7	1	-	82	26.0	23.8
Dublin City	272	186	154	75	19	1	707	27.6	25.5
South Dublin	173	98	60	35	9	1	376	26.6	25.1
Fingal	135	93	75	39	3	-	345	27.4	25.8
Dun Laoghaire Rathdown	55	41	37	24	2	1	160	28.3	26.8
Kildare	100	75	39	10	3	2	229	26.0	24.4
Kilkenny	40	24	21	9	1	-	95	27.0	25.1
Laois	40	24	14	7	-	-	85	26.3	24.9
Longford	21	12	2	2	1	1	39	25.4	23.1
Louth	85	51	25	12	3	-	176	26.1	24.4
Meath	51	44	41	17	8	-	161	28.5	25.6
Offaly	35	26	18	8	2	-	89	27.2	23.8
Westmeath	33	29	14	6	-	1	83	26.5	24.5
Wexford	105	44	24	11	3	-	187	25.3	23.2
Wicklow	70	55	19	17	4	-	165	26.6	25.0
MUNSTER	572	345	222	90	25	13	1,267	26.6	24.8
Clare	42	35	18	6	4	-	105	27.0	24.8
Cork City	97	44	29	7	2	1	180	25.5	24.4
Cork County	136	81	56	27	5	1	306	26.8	25.2
Kerry	60	37	25	10	4	-	136	27.0	24.6
Limerick City	50	35	23	5	2	-	115	26.5	24.1
Limerick County	53	34	23	14	2	-	126	27.2	25.3
North Tipperary	26	18	9	8	1	3	65	26.9	24.4
South Tipperary	43	18	10	4	2	8	85	25.3	24.0
Waterford City	24	23	14	5	2	-	68	27.6	25.1
Waterford County	41	20	15	4	1	-	81	26.4	24.6
CONNACHT	151	100	72	39	6	11	379	27.4	25.4
Galway City	32	21	15	14	1	1	84	28.0	25.6
Galway County	44	27	27	11	1	1	111	27.5	26.1
Leitrim	8	5	6	2	3	-	24	29.1	25.2
Mayo	27	19	8	8	-	7	69	27.0	23.0
Roscommon	17	13	6	-	1	2	39	26.2	24.3
Sligo	23	15	10	4	-	-	52	27.0	25.7
ULSTER (PART OF)	133	61	28	19	5	3	249	25.7	23.3
Cavan	26	15	3	5	-	1	50	25.6	23.3
Donegal	84	37	18	10	4	-	153	25.5	23.4
Monaghan	23	9	7	4	1	2	46	26.3	22.4
STATE	2,111	1,331	876	427	95	34	4,874	26.8	24.9
REGIONAL AUTHORITIES:									
Border	249	132	69	37	11	3	501	26.1	24.0
Midland	129	91	48	23	3	2	296	26.5	24.3
West	120	80	56	33	3	11	303	27.4	25.4
Dublin	635	418	326	173	33	3	1,588	27.4	25.6
Mid-East	221	174	99	44	15	2	555	26.9	24.9
Mid-West	171	122	73	33	9	3	411	26.9	24.8
South-East	293	152	95	40	10	8	598	26.1	24.1
South-West	293	162	110	44	11	2	622	26.5	24.8
HEALTH BOARDS:									
ERHA	805	548	384	200	40	5	1,982	27.2	25.4
Midland	129	91	48	23	3	2	296	26.5	24.3
Mid Western	171	122	73	33	9	3	411	26.9	24.8
North Eastern	185	119	76	38	12	3	433	27.0	24.5
North Western	115	57	34	16	7	-	229	26.2	24.1
South Eastern	293	152	95	40	10	8	598	26.1	24.1
Southern	293	162	110	44	11	2	622	26.5	24.8
Western	120	80	56	33	3	11	303	27.4	25.4

**Table 6 Births registered, classified by area of occurrence and by area of residence of mother, showing the percentage of births outside marriage**

	Area of occurrence	Area of residence of mother				Percentage births outside marriage
		Males	Females	Total	Rate <sup>(a)</sup>	
LEINSTER	8,827	4,697	4,325	9,022	16.6	33.0
Carlow	-	111	99	210	17.7	39.0
Dublin City	5,799	880	756	1,636	12.8	43.2
South Dublin	1	564	553	1,117	18.1	33.7
Fingal	3	607	570	1,177	23.2	29.3
Dun Laoghaire Rathdown	376	301	293	594	12.0	26.9
Kildare	3	451	413	864	20.4	26.5
Kilkenny	447	171	159	330	15.9	28.8
Laois	346	123	121	244	16.1	34.8
Longford	-	50	60	110	13.7	35.5
Louth	853	244	218	462	17.6	38.1
Meath	5	327	318	645	18.7	25.0
Offaly	-	153	114	267	16.3	33.3
Westmeath	488	154	154	308	16.6	26.9
Wexford	502	296	247	543	18.0	34.4
Wicklow	4	265	250	515	17.4	32.0
MUNSTER	4,211	2,118	2,094	4,212	14.8	30.1
Clare	2	213	231	444	16.7	23.6
Cork City	1,854	204	194	398	12.5	45.2
Cork County	5	685	684	1,369	16.3	22.4
Kerry	379	205	218	423	12.4	32.2
Limerick City	1,194	106	113	219	15.7	52.5
Limerick County	5	230	248	478	15.3	26.4
North Tipperary	2	119	111	230	14.6	28.3
South Tipperary	211	149	113	262	12.8	32.4
Waterford City	558	80	82	162	14.1	42.0
Waterford County	1	127	100	227	15.4	35.7
CONNACHT	1,725	765	697	1,462	12.2	25.9
Galway City	612	104	119	223	13.1	37.7
Galway County	458	241	209	450	12.2	24.7
Leitrim	1	52	44	96	14.4	25.0
Mayo	322	174	152	326	10.8	21.2
Roscommon	-	96	81	177	12.8	22.0
Sligo	332	98	92	190	12.6	27.4
ULSTER (PART OF)	772	433	406	839	13.2	29.7
Cavan	366	121	104	225	15.4	22.2
Donegal	405	227	227	454	12.8	33.7
Monaghan	1	85	75	160	11.8	28.8
STATE	15,535	8,013	7,522	15,535	15.4	31.4
REGIONAL AUTHORITIES:						
Border	1,958	827	760	1,587	14.2	31.6
Midland	834	480	449	929	16.0	31.9
West	1,392	615	561	1,176	12.0	25.8
Dublin	6,179	2,352	2,172	4,524	15.6	35.1
Mid-East	12	1,043	981	2,024	19.0	27.4
Mid-West	1,203	668	703	1,371	15.6	30.0
South-East	1,719	934	800	1,734	15.9	34.5
South-West	2,238	1,094	1,096	2,190	14.6	28.4
HEALTH BOARDS:						
ERHA	6,186	3,068	2,835	5,903	16.3	33.6
Midland	834	480	449	929	16.0	31.9
Mid Western	1,203	668	703	1,371	15.6	30.0
North Eastern	1,225	777	715	1,492	16.8	29.0
North Western	738	377	363	740	12.9	30.9
South Eastern	1,719	934	800	1,734	15.9	34.5
Southern	2,238	1,094	1,096	2,190	14.6	28.4
Western	1,392	615	561	1,176	12.0	25.8

(a) Equivalent annual rates based on 2004 Population estimate

**Table 7 Deaths registered, classified by area of occurrence and area of residence of deceased, showing the number aged 65 and over**

	Area of occurrence	Area of residence of deceased				Persons 65 years and over
		Males	Females	Total	Rate <sup>(a)</sup>	
<b>LEINSTER</b>	3,405	1,697	1,687	3,384	6.2	2,565
Carlow	50	46	37	83	7.0	73
Dublin City	1,560	482	545	1,027	8.0	798
South Dublin	167	133	115	248	4.0	152
Fingal	45	103	89	192	3.8	136
Dun Laoghaire Rathdown	250	139	173	312	6.3	256
Kildare	145	104	86	190	4.5	125
Kilkenny	133	73	55	128	6.2	101
Laois	105	67	46	113	7.4	89
Longford	49	38	50	88	11.0	68
Louth	225	90	92	182	6.9	145
Meath	122	104	75	179	5.2	138
Offaly	109	62	48	110	6.7	91
Westmeath	144	69	72	141	7.6	100
Wexford	199	105	112	217	7.2	166
Wicklow	102	82	92	174	5.9	127
<b>MUNSTER</b>	2,134	1,067	1,061	2,128	7.5	1,668
Clare	185	131	106	237	8.9	186
Cork City	523	132	154	286	9.0	220
Cork County	270	248	242	490	5.8	371
Kerry	295	143	156	299	8.7	246
Limerick City	250	36	44	80	5.7	62
Limerick County	95	118	111	229	7.3	171
North Tipperary	117	79	63	142	9.0	113
South Tipperary	169	81	83	164	8.0	140
Waterford City	179	43	49	92	8.0	73
Waterford County	51	56	53	109	7.4	86
<b>CONNACHT</b>	901	473	414	887	7.4	730
Galway City	170	21	27	48	2.8	38
Galway County	203	164	138	302	8.2	246
Leitrim	48	39	33	72	10.8	55
Mayo	247	137	130	267	8.8	225
Roscommon	92	48	39	87	6.3	77
Sligo	141	64	47	111	7.4	89
<b>ULSTER (PART OF)</b>	441	258	224	482	7.6	388
Cavan	113	59	59	118	8.1	101
Donegal	272	156	126	282	7.9	230
Monaghan	56	43	39	82	6.0	57
<b>STATE</b>	6,881	3,495	3,386	6,881	6.8	5,351
<b>REGIONAL AUTHORITIES:</b>						
Border	855	451	396	847	7.6	677
Midland	407	236	216	452	7.8	348
West	712	370	334	704	7.2	586
Dublin	2,022	857	922	1,779	6.1	1,342
Mid-East	369	290	253	543	5.1	390
Mid-West	647	364	324	688	7.9	532
South-East	781	404	389	793	7.3	639
South-West	1,088	523	552	1,075	7.2	837
<b>HEALTH BOARDS:</b>						
ERHA	2,269	1,043	1,100	2,143	5.9	1,594
Midland	407	236	216	452	7.8	348
Mid Western	647	364	324	688	7.9	532
North Eastern	516	296	265	561	6.3	441
North Western	461	259	206	465	8.1	374
South Eastern	781	404	389	793	7.3	639
Southern	1,088	523	552	1,075	7.2	837
Western	712	370	334	704	7.2	586

(a) Equivalent annual rates based on 2004 Population estimate.

**Table 8 Deaths registered classified by cause and age group**

Cause of Death	ICD-9 Code	65 COD Code	All Ages			Age Group									
			Persons	Males	Females	0-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over
Total deaths	001-999	00	6,881	3,495	3,386	81	16	88	103	184	362	696	1,239	2,287	1,825
Infectious and parasitic diseases:-	001-139, 279.8	01	43	24	19	1	-	1	6	5	4	4	8	6	7
Tuberculosis	010-018, 137	02	13	8	5	-	-	-	2	-	-	-	4	6	1
Meningococcal infection	036	03	1	-	1	1	-	-	-	-	-	-	-	-	-
AIDS (HIV Disease)	042-044, 279.8	04	8	6	2	-	-	-	3	3	2	-	-	-	-
Viral Hepatitis	070	05	2	1	1	-	-	-	1	1	-	-	-	-	-
other infectious and parasitic diseases	Rem(001-139)		19	9	10	-	-	1	-	1	3	4	4	-	6
Neoplasms	140-239	06	1,903	1,020	883	2	6	10	13	63	132	302	491	630	254
Malignant Neoplasms of the:-	140-208	07	1,892	1,011	881	2	6	10	13	62	132	302	490	625	250
lip, oral cavity, pharynx	140-149	08	25	17	8	-	-	-	-	1	-	6	7	9	2
oesophagus	150	09	99	62	37	-	-	-	-	3	9	20	40	23	4
stomach	151	10	79	51	28	-	-	-	-	2	2	12	21	35	7
colon	153	11	148	76	72	-	-	-	1	-	3	22	32	62	28
rectum and anus	154	12	70	42	28	-	-	-	1	2	5	13	20	21	8
liver and the intrahepatic bile ducts	155	13	40	21	19	-	-	-	-	1	1	8	10	15	5
pancreas	157	14	97	50	47	-	-	-	-	2	7	12	25	47	4
larynx and trachea/bronchus/lung	161-162	15	365	234	131	1	-	-	2	4	19	66	130	106	37
skin	172	16	29	11	18	-	-	-	4	2	5	5	5	7	1
breast	174-175	17	170	-	170	-	-	-	-	1	12	33	31	43	23
cervix uteri	180	18	20	-	20	-	-	1	-	5	4	5	-	4	1
other parts of uterus	179,182	19	13	-	13	-	-	-	-	-	1	5	1	1	5
ovary	183.0	20	64	-	64	-	-	-	-	4	6	14	17	16	7
prostate	185	21	140	140	-	-	-	-	-	-	1	8	26	66	39
kidney	189.0	22	43	34	9	-	-	-	-	1	5	7	10	14	6
bladder	188	23	36	26	10	-	-	-	-	-	1	2	10	20	3
lymph/haematopoietic tissue	200-208	24	154	90	64	-	1	3	-	3	9	19	43	53	23
other malignant neoplasms	Rem(140-208)		300	157	143	1	5	6	4	20	21	47	50	99	47
Diseases of the blood and blood-forming organs, immunological disorders (excl 279.8)	279-289	25	17	7	10	-	-	-	-	-	-	1	5	5	6
Endocrine, Nutritional and metabolic diseases	240-278	26	152	62	90	-	2	1	3	3	3	15	24	51	50
Diabetes mellitus	250	27	111	51	60	-	1	-	2	1	2	8	19	42	36
Mental and behavioural disorders	290-319	28	118	60	58	-	-	1	14	9	6	11	9	32	36
Alcohol abuse (including alcoholic psychosis)	291,303	29	12	8	4	-	-	-	2	2	3	3	2	-	-
Drug dependence, toxicomania	304-305	30	30	24	6	-	-	1	12	7	2	7	-	1	-
Diseases of the nervous system and the sense organs	320-389	31	166	76	90	4	1	6	3	5	15	14	25	51	42
Meningitis	320-322	32	2	1	1	-	1	-	-	-	1	-	-	-	-
Diseases of the Circulatory system:-	390-459	33	2,590	1,312	1,278	-	-	2	14	36	110	209	455	928	836
Ischaemic heart disease	410-414	34	1,358	761	597	-	-	-	4	15	65	133	256	508	377
(Acute myocardial infarction)	(410)		782	433	349	-	-	-	4	6	32	76	148	303	213
other heart disease	420-423, 425-429	35	406	195	211	-	-	2	5	9	15	29	56	118	172
Cerebrovascular disease	430-438	36	482	190	292	-	-	-	4	9	15	19	75	162	198
other diseases of circulatory system	Rem(390-459)		344	166	178	-	-	-	1	3	15	28	68	140	89

Diseases of the Respiratory system	460-519	37	977	442	535	1	1	1	3	5	14	54	123	377	399
Influenza	487	38	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	480-486	39	474	198	276	-	-	-	1	3	9	20	40	164	237
Chronic Lower respiratory disease	490-494,496	40	335	171	164	-	1	-	-	2	3	21	58	151	99
Asthma	493	41	22	12	10	-	1	-	-	2	2	3	5	8	1
other diseases of the respiratory system	Rem(460-519)	168	168	73	95	1	-	-	2	-	2	13	25	62	63
Diseases of the Digestive system	520-579	42	238	115	123	-	-	-	1	6	13	32	48	72	65
Ulcer of stomach, duodenum and jejunum	531-534	43	41	21	20	-	-	-	-	-	1	3	11	14	12
Chronic liver disease	571	44	46	32	14	-	-	-	1	2	7	16	11	9	-
other diseases of the digestive system	Rem(520-579)	151	151	62	89	-	-	-	1	4	5	13	26	49	53
Diseases of the skin and subcutaneous tissue	680-709	45	19	10	9	-	-	-	-	-	1	2	3	6	7
Diseases of the musculoskeletal system/connective tissue	710-739	46	42	12	30	-	-	-	1	1	-	6	6	12	16
Rheumatoid arthritis and osteoarthritis	714-715	47	21	7	14	-	-	-	-	-	-	4	2	4	11
Diseases of the genitourinary system	580-629	48	131	57	74	-	-	-	-	-	2	2	11	66	50
Diseases of the kidney and ureter	580-594	49	94	45	49	-	-	-	-	-	1	2	6	46	39
Complications of pregnancy, childbirth and puerperium	630-676	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain conditions originating in the perinatal period <sup>2</sup>	760-779	51	31	17	14	31	-	-	-	-	-	-	-	-	-
Congenital malformations and chromosomal abnormalities	740-759	52	44	25	19	27	1	3	2	2	3	1	3	1	1
Congenital malformations of the:- nervous system	740-742	53	10	3	7	8	-	-	-	-	-	-	-	-	-
circulatory system	745-747	54	10	5	5	3	1	1	1	1	-	-	2	-	1
Symptoms, signs, abnormal findings, ill-defined causes	780-799	55	61	24	37	13	-	-	1	2	2	2	3	10	27
Sudden infant death syndrome	798.0	56	13	10	3	13	-	-	-	-	-	-	-	-	-
Unknown and unspecified causes	798.1-799.9	57	15	10	5	-	-	-	1	2	2	-	2	2	5
Injury and poisoning	800-999	349	349	232	117	2	5	62	42	47	56	41	25	40	29
EXTERNAL CAUSES															
External causes of injury and poisoning	E800-E999	58	395	265	130	3	5	63	57	54	65	49	26	43	30
Accidents	E800-E929	59	233	148	85	3	4	32	29	19	29	27	23	37	30
Transport accidents	E800-E848	60	78	56	22	1	1	22	13	8	10	7	8	6	2
Road transport accidents	E810-E829, E929.0		77	55	22	1	1	21	13	8	10	7	8	6	2
Motor vehicle transport accidents	E810-E819		74	53	21	1	1	21	13	8	9	5	8	6	2
Accidental falls	E880-E888	61	78	37	41	-	-	1	3	4	3	7	9	25	26
Accidental poisoning	E850-E869	62	16	11	5	-	-	4	3	3	3	3	-	-	-
other accidents	Rem(E800-E929)	61	61	44	17	2	3	5	10	4	13	10	6	6	2
Suicide and intentional self harm	E950-E959	63	140	101	39	-	1	29	22	30	31	20	3	4	-
Homicide, assault	E960-E969	64	5	5	-	-	-	-	1	2	2	-	-	-	-
Events of undetermined intent	E980-E989	65	15	11	4	-	-	2	5	3	3	2	-	-	-
All other external causes	Rem(E930-E999)	2	2	-	2	-	-	-	-	-	-	-	-	2	-

Table 9 Deaths registered, classified by principal cause<sup>1</sup>

Area of residence	Population according to the Census of Population 2002	Total deaths	cause of death :							
			Malignant Neoplasms of:							Diabetes
			151	150, 152-159	162	174-175	179-189	200-208	Rem. 140-208	
LEINSTER	2,105,579	3,384	48	235	200	85	140	81	160	47
Carlow	46,014	83	3	5	7	1	3	4	6	4
Dublin City	495,781	1,027	19	69	65	31	37	20	41	9
South Dublin	238,835	248	4	13	14	10	11	5	12	2
Fingal	196,413	192	5	15	7	5	13	8	11	1
Dun Laoghaire Rathdown	191,792	312	2	24	18	10	18	12	14	5
Kildare	163,944	190	1	14	15	5	9	1	13	5
Kilkenny	80,339	128	1	8	10	4	6	2	5	2
Laois	58,774	113	1	10	2	1	1	6	9	2
Longford	31,068	88	1	8	9	2	2	-	4	3
Louth	101,821	182	4	13	11	5	7	3	7	1
Meath	134,005	179	2	11	12	2	6	7	8	2
Offaly	63,663	110	2	11	3	2	2	2	6	2
Westmeath	71,858	141	-	10	3	-	8	-	6	2
Wexford	116,596	217	1	18	15	3	7	6	9	2
Wicklow	114,676	174	2	6	9	4	10	5	9	5
MUNSTER	1,100,614	2,128	16	179	91	52	103	47	71	50
Clare	103,277	237	-	9	12	5	8	4	5	2
Cork City	123,062	286	5	34	22	9	18	9	14	5
Cork County	324,767	490	4	51	20	12	20	12	16	12
Kerry	132,527	299	1	25	8	7	11	5	14	10
Limerick City	54,023	80	-	9	2	1	2	-	4	-
Limerick County	121,281	229	2	18	9	9	13	4	7	7
North Tipperary	61,010	142	2	11	2	4	7	3	3	3
South Tipperary	79,121	164	-	10	7	4	11	2	5	8
Waterford City	44,594	92	-	5	5	1	7	3	-	2
Waterford County	56,952	109	2	7	4	-	6	5	3	1
CONNACHT	464,296	887	9	68	36	24	43	17	34	8
Galway City	65,832	48	-	5	1	1	3	1	-	-
Galway County	143,245	302	1	26	12	11	13	7	9	1
Leitrim	25,799	72	2	6	4	4	1	1	3	2
Mayo	117,446	267	4	21	10	4	19	3	12	-
Roscommon	53,774	87	-	7	4	2	2	2	-	1
Sligo	58,200	111	2	3	5	2	5	3	10	4
ULSTER (PART OF)	246,714	482	6	51	28	9	33	9	17	6
Cavan	56,546	118	3	14	7	2	4	2	5	1
Donegal	137,575	282	2	28	17	4	22	2	11	5
Monaghan	52,593	82	1	9	4	3	7	5	1	-
STATE	3,917,203	6,881	79	533	355	170	319	154	282	111
REGIONAL AUTHORITIES:										
Border	432,534	847	14	73	48	20	46	16	37	13
Midland	225,363	452	4	39	17	5	13	8	25	9
West	380,297	704	5	59	27	18	37	13	21	2
Dublin	1,122,821	1,779	30	121	104	56	79	45	78	17
Mid-East	412,625	543	5	31	36	11	25	13	30	12
Mid-West	339,591	688	4	47	25	19	30	11	19	12
South-East	423,616	793	7	53	48	13	40	22	28	19
South-West	580,356	1,075	10	110	50	28	49	26	44	27
HEALTH BOARDS:										
ERHA	1,401,441	2,143	33	141	128	65	98	51	100	27
Midland	225,363	452	4	39	17	5	13	8	25	9
Mid Western	339,591	688	4	47	25	19	30	11	19	12
North Eastern	344,965	561	10	47	34	12	24	17	21	4
North Western	221,574	465	6	37	26	10	28	6	24	11
South Eastern	423,616	793	7	53	48	13	40	22	28	19
Southern	580,356	1,075	10	110	50	28	49	26	44	27
Western	380,297	704	5	59	27	18	37	13	21	2

<sup>1</sup> See appendix for detailed description



## and area of residence of deceased

cause of death :												
Diseases of Circulatory System:				Diseases of Respiratory System:			Diseases of the digestive system	740-759	760-779	Injury and Poisoning:		Rema-inder
401-405	410-414	430-438	Rem. 390-459	480-486	466, 490-493, 496	Rem. 460-519				E810-E825	other	
33	649	258	309	237	171	81	125	20	10	28	132	335
1	19	1	9	2	5	4	1	-	-	-	3	5
11	206	75	87	81	49	30	45	2	5	2	28	115
3	53	18	16	17	8	4	6	3	2	1	21	25
1	44	18	11	12	6	3	8	3	-	1	6	14
2	49	23	28	22	15	7	7	2	-	4	9	41
1	28	11	17	9	22	3	8	3	-	4	8	13
-	35	8	9	10	5	2	4	-	-	1	6	10
2	19	16	14	5	2	3	3	1	-	3	1	12
1	15	8	8	3	6	1	5	-	1	1	2	8
1	35	17	18	11	13	4	5	1	-	1	8	17
1	35	10	16	17	11	1	8	2	1	1	10	16
1	23	9	14	6	2	4	6	1	-	2	4	8
3	28	12	25	11	3	2	2	1	-	2	8	15
4	34	19	17	14	14	6	9	1	1	3	11	23
1	26	13	20	17	10	7	8	-	-	2	7	13
28	405	138	241	150	97	56	67	15	17	18	94	193
4	42	15	28	23	12	8	14	2	3	3	9	29
1	46	15	30	25	8	4	11	2	2	-	11	15
6	88	28	66	36	15	9	13	3	1	6	31	41
6	66	23	37	21	14	3	6	2	-	2	12	26
1	14	5	11	7	5	4	-	1	3	-	3	8
4	37	14	18	21	17	10	8	2	3	3	8	15
3	33	8	20	4	4	4	6	1	1	1	6	16
3	34	13	13	7	12	6	3	-	-	1	3	22
-	22	8	10	2	4	3	4	-	3	-	5	8
-	23	9	8	4	6	5	2	2	1	2	6	13
4	194	63	98	63	37	25	33	6	3	14	29	79
-	8	3	6	4	1	3	1	1	2	-	2	6
1	72	24	31	21	10	9	10	1	1	4	11	27
1	15	4	3	8	5	1	4	1	-	-	2	5
1	57	16	34	15	12	9	10	2	-	8	10	20
1	23	9	7	11	4	1	1	-	-	1	3	8
-	19	7	17	4	5	2	7	1	-	1	1	13
6	110	23	31	24	30	6	13	3	1	12	22	42
2	33	5	7	7	8	3	1	1	-	2	2	9
2	61	14	20	15	17	3	11	1	1	5	15	26
2	16	4	4	2	5	-	1	1	-	5	5	7
71	1,358	482	679	474	335	168	238	44	31	72	277	649
8	179	51	69	47	53	13	29	6	1	14	33	77
7	85	45	61	25	13	10	16	3	1	8	15	43
3	160	52	78	51	27	22	22	4	3	13	26	61
17	352	134	142	132	78	44	66	10	7	8	64	195
3	89	34	53	43	43	11	24	5	1	7	25	42
12	126	42	77	55	38	26	28	6	10	7	26	68
8	167	58	66	39	46	26	23	3	5	7	34	81
13	200	66	133	82	37	16	30	7	3	8	54	82
19	406	158	179	158	110	54	82	13	7	14	79	221
7	85	45	61	25	13	10	16	3	1	8	15	43
12	126	42	77	55	38	26	28	6	10	7	26	68
6	119	36	45	37	37	8	15	5	1	9	25	49
3	95	25	40	27	27	6	22	3	1	6	18	44
8	167	58	66	39	46	26	23	3	5	7	34	81
13	200	66	133	82	37	16	30	7	3	8	54	82
3	160	52	78	51	27	22	22	4	3	13	26	61

**Table 10 Deaths registered of infants under 1 year, classified by cause, sex and age group**

Cause of Death	ICD-9 Code	Total under 1 day	1 day and under 7 days	1 week and under 4 weeks	4 weeks and under 1 year	Total	
						M	F
ALL CAUSES		26	15	12	21	45	29
Enteritis and other diarrhoeal diseases	008,009	-	-	-	-	-	-
Tuberculosis, all forms	010-018,137	-	-	-	-	-	-
Whooping cough	033	-	-	-	-	-	-
Other infective and parasitic diseases	Rem(001-139)	-	-	-	-	-	-
Meningitis	320-322	-	-	-	-	-	-
Other inflammatory diseases of the central nervous system	323-326	-	-	-	-	-	-
Pneumonia	480-486	-	-	-	-	-	-
Influenza	487	-	-	-	-	-	-
Other diseases of respiratory system	460-479, 494-519	-	-	-	-	-	-
Diseases of digestive system	520-579	-	-	-	-	-	-
Congenital anomalies:							
Anencephalus and similar anomalies	740	2	1	-	-	2	1
Spina Bifida	741	-	-	-	-	-	-
Other congenital anomalies of digestive system	742	-	3	-	2	1	4
Congenital anomalies of eye, ear, face and neck	743,744	-	-	-	-	-	-
Congenital anomalies of the heart	745,746	1	1	1	-	2	1
Other congenital anomalies of circulatory system	747	-	-	-	-	-	-
Congenital anomalies of respiratory system	748	1	-	-	1	1	1
Other congenital anomalies of upperlimbary tract inc. cleft palate and lip	749,750	-	-	-	-	-	-
Other congenital anomalies of digestive system	751	-	-	-	-	-	-
Congenital anomalies of genital organs	752	-	-	-	-	-	-
Congenital anomalies of urinary system	753	2	1	-	-	3	-
Congenital musculoskeletal deformities including limbs	754-756	1	-	-	2	3	-
Congenital anomalies of the integument	757	-	-	-	-	-	-
Chromosomal anomalies	758	2	1	3	1	4	3
Other and unspecified congenital anomalies	759	-	-	-	-	-	-
Fetus or newborn affected by maternal conditions, maybe unrelated to the pregnancy	760	-	-	-	-	-	-
Fetus or newborn affected by maternal complications of pregnancy	761	2	-	-	-	1	1
Fetus or newborn affected by complications of placenta, cord and membranes	762	1	-	-	-	1	-
Birth injury and difficult labour	763,767	-	-	-	-	-	-
Slow fetal growth and malnutrition	764	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight	765	7	-	-	-	5	2
Disorders relating to long gestation and high birthweight	766	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia	768	-	-	2	-	-	2
Respiratory distress syndrome	769	3	3	-	-	1	5
Other respiratory conditions of fetus and newborn	770	1	2	-	-	1	2
Infections specific to the perinatal period	771	-	3	-	-	3	-
Fetal and neo-natal haemorrhage	772	1	-	1	1	1	2
Haemolytic disease of newborn	773,774	-	-	-	-	-	-
Endocrine and metabolic disturbances specific to the fetus and newborn	775	1	-	-	-	1	-
Haematological disorders of fetus and newborn	776	-	-	-	-	-	-
Perinatal disorders of digestive system	777	-	-	1	-	1	-
Conditions involving the integument and temperature regulation of fetus and newborn	778	1	-	-	-	1	-
Other and ill-defined conditions originating in the perinatal period	779	-	-	-	-	-	-
Sudden death, cause unknown	798	-	-	2	11	10	3
Fractures	800-829	-	-	-	-	-	-
Intracranial and internal injuries, including nerves	850-869, 950-957	-	-	-	1	-	1
Burns	940-949	-	-	-	-	-	-
Poisonings and toxic effects	960-989	-	-	-	-	-	-
Other injuries and poisonings	Rem(800-999)	-	-	-	-	-	-
All other causes		-	-	2	2	3	1

**Table 11 Infant and neonatal mortality by area of residence of deceased**

Area of residence	Infant mortality		Neonatal mortality	
	Number	Rate	Number	Rate
Leinster	33	3.7	18	2.0
Carlow	1	4.8	0	0.0
Dublin City	8	4.9	5	3.1
South Dublin	4	3.6	4	3.6
Fingal	3	2.5	0	0.0
Dun Laoghaire Rathdown	1	1.7	1	1.7
Kildare	3	3.5	2	2.3
Kilkenny	0	0.0	0	0.0
Laois	1	4.1	1	4.1
Longford	1	9.1	1	9.1
Louth	1	2.2	0	0.0
Meath	3	4.7	2	3.1
Offaly	0	0.0	0	0.0
Westmeath	3	9.7	1	3.2
Wexford	4	7.4	1	1.8
Wicklow	0	0.0	0	0.0
Munster	31	7.4	25	5.9
Clare	6	13.5	4	9.0
Cork City	3	7.5	3	7.5
Cork County	4	2.9	3	2.2
Kerry	3	7.1	1	2.4
Limerick City	4	18.3	4	18.3
Limerick County	4	8.4	3	6.3
North Tipperary	2	8.7	2	8.7
South Tipperary	0	0.0	0	0.0
Waterford City	3	18.5	3	18.5
Waterford County	2	8.8	2	8.8
Connacht	7	4.8	7	4.8
Galway City	3	13.5	3	13.5
Galway County	1	2.2	1	2.2
Leitrim	1	10.4	1	10.4
Mayo	2	6.1	2	6.1
Roscommon	0	0.0	0	0.0
Sligo	0	0.0	0	0.0
Ulster	3	3.6	3	3.6
Cavan	0	0.0	0	0.0
Donegal	2	4.4	2	4.4
Monaghan	1	6.3	1	6.3
State	74	4.8	53	3.4
REGIONAL AUTHORITIES:				
Border	5	3.2	4	2.5
Midland	5	5.4	3	3.2
West	6	5.1	6	5.1
Dublin	16	3.5	10	2.2
Mid-East	6	3.0	4	2.0
Mid-West	16	11.7	13	9.5
South-East	10	5.8	6	3.5
South-West	10	4.6	7	3.2
HEALTH BOARDS:				
ERHA	19	3.2	12	2.0
Midland	5	5.4	3	3.2
Mid Western	16	11.7	13	9.5
North Eastern	5	3.4	3	2.0
North Western	3	4.1	3	4.1
South Eastern	10	5.8	6	3.5
Southern	10	4.6	7	3.2
Western	6	5.1	6	5.1

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

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

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



## **Appendix**

## 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.

### **Health Board areas**

Eastern Regional Health Authority (ERHA), Midland, Mid Western, North Eastern, North Western, South Eastern, Southern, Western.

Eastern Regional Health Authority:	Dublin City, South Dublin, Fingal, Dun Laoghaire-Rathdown, Kildare, Wicklow.
Midland:	Laois, Longford, Offaly, Westmeath.
Mid Western:	Clare, Limerick City, Limerick County, North Tipperary.
North Eastern:	Cavan, Louth, Meath, Monaghan.
North Western:	Donegal, Leitrim, Sligo.
South Eastern:	Carlow, Kilkenny, South Tipperary, Waterford City, Waterford County, Wexford.
Southern:	Cork City, Cork County, Kerry.
Western:	Galway City, Galway County, Mayo, Roscommon.

### **Causes of Death**

<b>ICD 9 Codes</b>	<b>Description</b>
140-208	Malignant Neoplasms of:
151	- Stomach
150, 152 - 159	- Digestive organs and peritoneum
162	- Trachea, bronchus and lung
174-175	- Breast
179 - 190	- Genitourinary organs
200 - 208	- Lymphatic and haematopoietic tissue
390 - 459	Diseases of Circulatory system
401 - 405	- Hypertensive disease
410 - 414	- Ischaemic heart disease
430 - 438	- Cerebrovascular disease
460 - 486	Diseases of Respiratory system
480 - 486	- Pneumonia
466, 490 - 493, 496	- Bronchitis, emphysema and asthma, incl. Obstructive airways disease
740 - 759	Congenital anomalies
760 - 779	Certain causes of perinatal mortality
E810 - E825	Motor vehicle accidents incl. non-traffic accidents

## Causes of death Eurostat shortlist (August 1998)

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

<sup>1</sup> 279.8 not included

**Estimated Population classified by Sex and Age Group, 1999 - 2004**

Sex and Age Group	Persons in April of each year					
	1999	2000	2001	2002	2003 <sup>1</sup>	2004 <sup>1</sup>
000						
<b>Persons</b>						
0 - 4 years	259.8	266.2	273.2	277.6	284.8	291.1
5 - 9 "	270.6	266.7	263.7	264.1	268.1	274.6
10 - 14 "	300.2	295.1	290.6	285.7	280.9	277.5
15 - 19 "	338.5	329.4	320.4	313.2	306.8	300.8
20 - 24 "	303.9	311.9	317.6	328.3	336.0	338.7
25 - 29 "	279.7	289.4	300.8	312.7	318.9	329.4
30 - 34 "	271.9	277.5	288.6	304.7	313.4	320.8
35 - 39 "	273.5	280.2	285.1	290.9	294.1	299.9
40 - 44 "	255.7	260.5	267.6	272.0	278.1	283.7
45 - 49 "	234.6	239.1	243.9	249.6	253.2	258.3
50 - 54 "	217.5	225.0	228.2	230.8	234.8	237.5
55 - 59 "	168.2	174.3	185.8	197.3	206.7	214.5
60 - 64 "	145.5	149.7	151.7	154.3	160.4	166.1
65 - 69 "	128.8	129.3	130.8	133.5	135.3	137.9
70 - 74 "	111.1	111.3	111.8	112.1	113.7	115.3
75 - 79 "	89.1	88.9	89.2	89.8	89.6	90.2
80 - 84 "	54.6	55.8	57.6	58.9	61.5	62.7
85 years and over	38.3	39.4	40.4	41.7	42.8	44.8
<b>Total</b>	<b>3,741.6</b>	<b>3,789.5</b>	<b>3,847.2</b>	<b>3,917.2</b>	<b>3,978.9</b>	<b>4,043.8</b>
<b>Males</b>						
0 - 4 years	134.0	137.2	140.4	142.0	145.6	148.8
5 - 9 "	138.7	136.6	135.5	135.9	137.7	141.2
10 - 14 "	154.1	151.3	149.0	146.1	144.2	142.4
15 - 19 "	173.8	168.9	164.3	160.4	157.0	154.1
20 - 24 "	153.6	157.4	160.5	165.3	168.5	170.3
25 - 29 "	140.5	146.0	151.2	156.1	159.6	165.0
30 - 34 "	133.9	137.5	144.2	152.4	157.2	160.3
35 - 39 "	135.2	138.2	141.2	144.5	146.3	150.5
40 - 44 "	127.5	129.7	133.0	135.3	138.2	140.8
45 - 49 "	117.6	119.8	122.4	125.0	126.5	128.8
50 - 54 "	110.4	114.1	115.5	116.6	118.2	119.6
55 - 59 "	85.2	88.2	94.0	99.8	104.9	108.7
60 - 64 "	72.5	74.8	75.9	77.6	80.6	83.6
65 - 69 "	63.0	63.3	64.0	65.3	66.1	67.4
70 - 74 "	49.7	50.3	51.1	51.7	53.1	54.4
75 - 79 "	37.0	36.9	37.1	37.4	37.4	38.0
80 - 84 "	20.4	21.0	21.7	22.3	23.3	23.7
85 years and over	11.5	11.8	12.2	12.5	13.0	13.7
<b>Total</b>	<b>1,858.6</b>	<b>1,882.9</b>	<b>1,913.1</b>	<b>1,946.2</b>	<b>1,977.2</b>	<b>2,011.2</b>
<b>Females</b>						
0 - 4 years	125.8	128.9	132.8	135.6	139.2	142.3
5 - 9 "	131.9	130.1	128.2	128.2	130.3	133.4
10 - 14 "	146.2	143.8	141.6	139.6	136.8	135.0
15 - 19 "	164.7	160.5	156.2	152.8	149.8	146.7
20 - 24 "	150.3	154.5	157.1	163.0	167.5	168.5
25 - 29 "	139.3	143.3	149.6	156.6	159.3	164.3
30 - 34 "	138.0	140.0	144.4	152.3	156.2	160.5
35 - 39 "	138.3	142.0	143.9	146.4	147.8	149.4
40 - 44 "	128.2	130.8	134.6	136.7	139.9	142.9
45 - 49 "	117.1	119.3	121.5	124.6	126.7	129.5
50 - 54 "	107.1	110.8	112.7	114.3	116.6	117.9
55 - 59 "	83.0	86.1	91.8	97.5	101.8	105.8
60 - 64 "	73.0	74.9	75.8	76.7	79.8	82.5
65 - 69 "	65.9	66.0	66.8	68.2	69.2	70.5
70 - 74 "	61.4	61.0	60.8	60.4	60.5	60.9
75 - 79 "	52.1	52.0	52.1	52.4	52.3	52.2
80 - 84 "	34.2	34.8	35.9	36.6	38.2	39.0
85 years and over	26.8	27.6	28.2	29.2	29.8	31.1
<b>Total</b>	<b>1,883.0</b>	<b>1,906.6</b>	<b>1,934.1</b>	<b>1,971.0</b>	<b>2,001.7</b>	<b>2,032.6</b>

<sup>1</sup> Preliminary