



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

# **Vital Statistics**

## **Third Quarter**

**2005**

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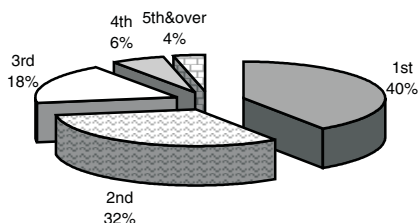
## Third Quarter 2005

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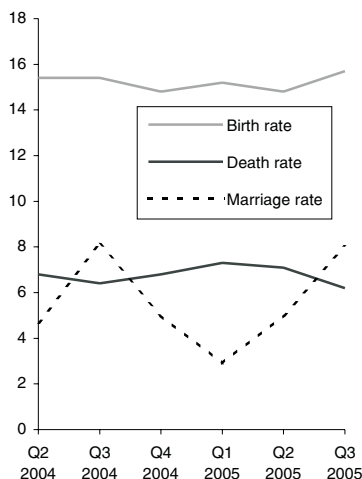
# Third Quarter 2005

## 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 16,170 births registered in quarter 3 of 2005, 8,337 males and 7,833 females, an increase of 565 on the quarter 3 figure of 2004. The quarter 3 2005 total is 24% higher than in 1996 when 13,015 babies were registered.

This represents an annual birth rate of 15.7 per 1,000 of the population, 0.3 above quarter 3 of 2004. This rate is 1.3 per 1,000 population higher than in 1996.

### Birth order

A total of 6,548 births (40.7%) were to first time mothers in quarter 3 of 2005. Second time mothers had 5,162 births (32%) (See Table 3). This compares to 4,999 (38.5%) first births registered in quarter 3 1996.

### Births outside marriage

There were 5,101 births registered as outside marriage in quarter 3 of 2005. This accounted for 31.5% of all births, a decrease of 1.2% on quarter 3 2004. The highest percentage of births outside marriage occurred in Limerick City at 53.3%, while the county with the lowest percentage was Roscommon at 17% (see table 6). In quarter 3 1996, 3,274 births were registered outside marriage or 25.2% of all births.

### Deaths

There were 6,380 deaths registered in quarter 3 2005, 3,215 males and 3,165 females, a decrease of 93 on the quarter 3 figure 2004. The quarter 3 2005 total is 11.8% lower than in 1996 when 7,235 deaths were registered.

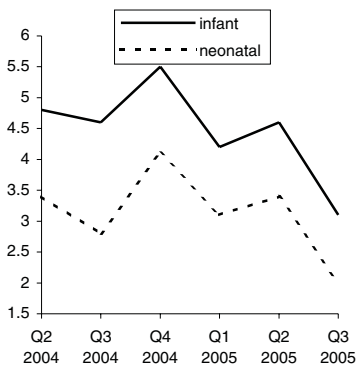
This represents an annual death rate of 6.2 per 1,000 population, 0.2 below quarter 3 2004. This rate is 1.8 per 1,000 population lower than in 1996.

### Age at death

There were 50 infant deaths registered in quarter 3 2005, a decrease of 22 on the quarter 3 figure 2004. Neonatal deaths are deaths of infants at ages under 4 weeks. There were 33 neonatal deaths registered in quarter 3 2005, a decrease of 10 on the quarter 3 figure 2004.

In quarter 3 2005 the infant mortality rate of 3.1 per 1,000 live births was 1.5 below quarter 3 2004. This rate is 3.1 per 1,000 live births lower than in 1996. The neonatal mortality rate per 1,000 live births in quarter 3 2005 was 2.0, 0.8 lower than quarter 3 2004 and 2.4 below quarter 3 1996.

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



There were 4,919 deaths of persons aged 65 and over registered in quarter 3 2005, a decrease of 204 on the quarter 3 figure 2004. The quarter 3 2005 total is 14.1% lower than in 1996 when 5,729 deaths were registered.

This represents an annual death rate of 42.7 per 1,000 population aged 65 and over, 2.7 below quarter 3 2004. This rate is 12.7 per 1,000 population aged 65 and over lower than in 1996.

### Cause of death

- **Diseases of the Circulatory System:**

Diseases of the Circulatory System accounted for 2,281 deaths, or an annual rate of 2.2 per 1,000 population. Of these, 1,147 were due to Ischaemic Heart Disease and 452 to Cerebrovascular Disease.

- **Malignant Neoplasms:**

There were 1,901 deaths from malignant neoplasms. This is equivalent to an annual rate of 1.8 per 1,000 population. Of these, 246 were due to malignant neoplasms of the colon, rectum and anus and 390 to malignant neoplasms of the larynx and trachea, bronchus and lung.

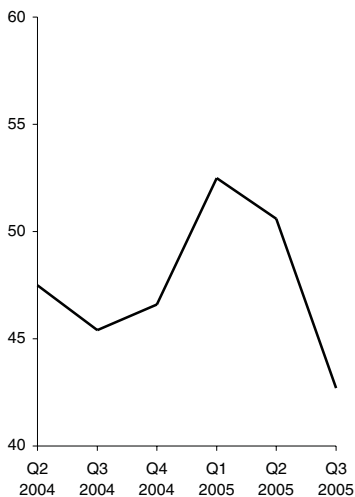
- **Diseases of the Respiratory System:**

Deaths from pneumonia numbered 401; chronic bronchitis, emphysema and asthma (including chronic obstructive airways disease) accounted for 237 deaths; 149 deaths resulted from other respiratory diseases.

- **Injury and Poisoning:**

There were 67 deaths from injuries received in motor vehicle accidents (including non-traffic accidents) while all other injuries and poisonings accounted for 280 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 8,220 equivalent to an annual marriage rate of 8.0 per 1,000 population, 0.1 below the corresponding quarter of 2004. The quarter 3 2005 total is 20% higher than in quarter 3 1996 when 6,868 marriages were registered.

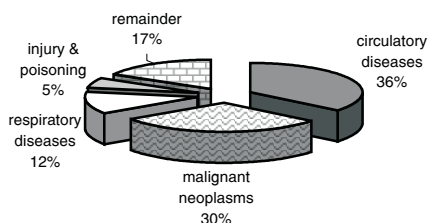
### Population

The estimated population in April 2005 was 4,130,700 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>										
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	2484	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
2005	2909	15334	6290	5147	30.9	7352	65	47	5920	7982
<b>Quarter 2</b>										
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	4810	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
2005	5130	15306	5922	4810	31.1	7349	70	52	5826	7957
<b>Quarter 3</b>										
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	7580	15593	6333	4855	30.4	6941	68	50	5391	8652
2003	7996	15909	6240	4981	30.6	6639	85	68	5147	9270
2004	8168	15605	6171	5100	30.8	6473	72	43	5123	9132
2005	8220	16170	6548	5101	30.9	6380	50	33	4919	9790
<b>Quarter 4</b>										
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	5682	14709	5989	4411	30.5	6978	74	49	5378	7731
2003	4908	14788	5883	4563	30.7	7225	76	52	5568	7563
2004	5056	14945	5975	4783	30.9	6924	82	62	5253	8021
2005										
<b>Total</b>										
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	20556	60521	24307	18815	30.4	29348	306	214	23124	31173
2003	20302	61517	24376	19313	30.6	28823	311	231	22599	32694
2004	20619	61684	24125	19938	30.8	28151	300	214	22074	33533
2005										

<sup>1</sup> 1996 and 2002 marriage figures are final. All other marriage figures 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>										
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	2.6	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	
2005	2.9	15.2	41.3	33.6	7.3	4.2	3.1	52.5	7.9	
<b>Quarter 2</b>										
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	4.9	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	
2005	5.0	14.8	38.8	31.4	7.1	4.6	3.4	50.6	7.7	
<b>Quarter 3</b>										
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	7.7	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	8.1	15.4	39.8	32.7	6.4	4.6	2.8	45.4	9.0	
2005	8.0	15.7	40.7	31.5	6.2	3.1	2.0	42.7	9.5	
<b>Quarter 4</b>										
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	5.8	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	5.0	14.8	40.3	32.0	6.8	5.5	4.1	46.6	7.9	
2005										
<b>Total</b>										
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	5.2	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	5.1	15.3	39.8	32.3	7.0	4.9	3.5	49.0	8.3	
2005										

<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
<b>All ages</b>	8,337	7,833	16,170	5,101	6,548	5,162	2,851	1,001	338	207	63
<b>15 and under</b>	5	2	7	7	6	1	-	-	-	-	-
16	33	21	54	54	54	-	-	-	-	-	-
17	55	39	94	90	90	4	-	-	-	-	-
18	119	96	215	201	196	16	2	-	-	-	1
19	140	140	280	255	242	33	4	1	-	-	-
<b>Under 20</b>	352	298	650	607	588	54	6	1	-	-	1
20	146	156	302	263	219	72	10	-	-	-	1
21	191	192	383	318	266	99	15	1	-	-	2
22	199	199	398	329	263	105	27	3	-	-	-
23	235	229	464	357	259	150	37	13	-	3	2
24	257	265	522	365	255	191	51	19	3	2	1
<b>20-24</b>	1,028	1,041	2,069	1,632	1,262	617	140	36	3	5	6
25	292	266	558	303	270	199	57	25	6	-	1
26	360	344	704	354	343	232	95	25	6	3	-
27	368	371	739	283	346	242	108	27	8	6	2
28	417	400	817	246	425	250	87	39	10	3	3
29	452	466	918	238	426	296	139	40	6	5	6
<b>25-29</b>	1,889	1,847	3,736	1,424	1,810	1,219	486	156	36	17	12
30	534	504	1,038	190	469	338	156	49	16	7	3
31	578	501	1,079	192	455	363	174	51	24	9	3
32	599	598	1,197	201	434	418	234	65	23	20	3
33	659	576	1,235	176	409	452	244	91	20	14	5
34	589	526	1,115	151	293	409	291	74	22	18	8
<b>30-34</b>	2,959	2,705	5,664	910	2,060	1,980	1,099	330	105	68	22
35	513	477	990	127	225	355	271	87	30	17	5
36	434	406	840	89	200	293	220	81	30	13	3
37	354	338	692	102	134	208	206	89	37	15	3
38	264	223	487	55	92	151	145	57	25	14	3
39	195	196	391	51	68	108	114	65	25	9	2
<b>35-39</b>	1,760	1,640	3,400	424	719	1,115	956	379	147	68	16
<b>40 and over</b>	340	294	634	102	104	170	160	98	47	49	6
Age not stated	9	8	17	2	5	7	4	1	-	-	-

**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
<b>LEINSTER</b>	387	1,243	2,038	3,145	1,872	335	8	9,028	30.8	28.5
Carlow	9	32	56	80	43	7	-	227	30.5	28.4
Dublin City	114	299	379	504	316	66	1	1,679	30.0	27.8
South Dublin	60	183	254	336	199	35	-	1,067	30.0	27.5
Fingal	39	161	265	415	221	32	1	1,134	30.7	28.8
Dun Laoghaire Rathdown	14	51	104	266	189	41	-	665	32.7	30.7
Kildare	26	90	169	319	173	32	2	811	31.3	29.0
Kilkenny	7	19	72	113	84	14	-	309	32.1	30.0
Laois	7	30	58	87	51	10	-	243	31.2	28.3
Longford	6	23	32	46	17	6	1	131	30.0	28.4
Louth	21	63	113	146	83	5	2	433	30.1	27.9
Meath	14	75	158	274	168	30	-	719	31.6	29.6
Offaly	15	50	55	86	44	16	-	266	30.2	27.4
Westmeath	15	34	84	115	81	5	-	334	31.0	28.0
Wexford	21	66	133	153	90	18	1	482	30.5	27.9
Wicklow	19	67	106	205	113	18	-	528	31.0	28.7
<b>MUNSTER</b>	167	530	1,055	1,578	935	184	2	4,451	31.0	28.7
Clare	16	42	105	167	86	17	1	434	31.2	29.3
Cork City	23	59	132	117	73	14	-	418	29.8	27.5
Cork County	31	123	319	580	338	67	-	1,458	31.9	29.7
Kerry	16	67	97	161	97	16	-	454	30.9	28.6
Limerick City	27	57	60	66	47	4	-	261	28.7	26.3
Limerick County	12	33	105	168	86	19	-	423	31.5	29.0
North Tipperary	10	43	73	90	59	18	-	293	30.8	28.1
South Tipperary	9	48	65	102	65	10	-	299	30.7	28.0
Waterford City	15	34	46	45	21	8	1	170	29.0	26.5
Waterford County	8	24	53	82	63	11	-	241	31.6	29.2
<b>CONNACHT</b>	62	183	390	617	431	90	4	1,777	31.6	29.1
Galway City	13	26	45	77	36	12	-	209	30.7	27.7
Galway County	15	57	143	235	170	29	-	649	31.9	29.8
Leitrim	4	16	17	33	36	2	1	109	31.5	28.2
Mayo	12	56	76	133	102	31	3	413	31.6	28.6
Roscommon	3	10	58	67	53	9	-	200	32.2	30.7
Sligo	15	18	51	72	34	7	-	197	30.5	28.2
<b>ULSTER (PART OF)</b>	34	113	253	324	162	25	3	914	30.5	27.7
Cavan	5	22	66	96	44	11	-	244	31.2	29.1
Donegal	23	65	144	159	86	7	1	485	30.1	27.0
Monaghan	6	26	43	69	32	7	2	185	30.5	27.5
<b>STATE</b>	650	2,069	3,736	5,664	3,400	634	17	16,170	30.9	28.6
<b>REGIONAL AUTHORITIES:</b>										
Border	74	210	434	575	315	39	6	1,653	30.5	27.9
Midland	43	137	229	334	193	37	1	974	30.7	28.0
West	43	149	322	512	361	81	3	1,471	31.7	29.3
Dublin	227	694	1,002	1,521	925	174	2	4,545	30.6	28.4
Mid-East	59	232	433	798	454	80	2	2,058	31.4	29.1
Mid-West	65	175	343	491	278	58	1	1,411	30.8	28.4
South-East	69	223	425	575	366	68	2	1,728	30.8	28.4
South-West	70	249	548	858	508	97	-	2,330	31.3	29.0

**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
<b>LEINSTER</b>	1,348	842	555	261	62	-	3,068	26.9	25.1
Carlow	33	20	5	5	1	-	64	26.0	23.3
Dublin City	347	184	171	70	11	-	783	26.9	25.0
South Dublin	205	128	62	28	7	-	430	26.2	24.3
Fingal	155	102	46	28	9	-	340	26.7	25.4
Dun Laoghaire Rathdown	53	51	39	13	6	-	162	28.1	27.3
Kildare	97	54	45	24	6	-	226	27.4	25.4
Kilkenny	21	27	19	9	1	-	77	28.3	26.1
Laois	30	22	12	4	3	-	71	27.0	25.2
Longford	19	11	8	1	3	-	42	26.8	24.9
Louth	65	41	19	14	1	-	140	26.5	24.4
Meath	76	57	37	15	2	-	187	27.1	26.0
Offaly	58	13	5	5	4	-	85	24.9	23.5
Westmeath	42	31	19	9	-	-	101	26.5	24.0
Wexford	79	51	27	16	3	-	176	26.7	24.3
Wicklow	68	50	41	20	5	-	184	27.7	26.0
<b>MUNSTER</b>	580	386	240	114	26	-	1,346	26.8	24.8
Clare	51	34	26	13	3	-	127	27.3	25.4
Cork City	72	62	35	11	5	-	185	26.9	25.2
Cork County	124	108	63	29	5	-	329	27.3	25.0
Kerry	66	29	23	7	3	-	128	26.2	24.5
Limerick City	74	29	22	14	-	-	139	25.7	23.7
Limerick County	32	27	21	5	2	-	87	27.1	25.0
North Tipperary	42	29	11	7	2	-	91	26.2	24.0
South Tipperary	48	25	12	8	3	-	96	26.4	23.9
Waterford City	43	25	12	4	3	-	87	25.9	24.2
Waterford County	28	18	15	16	-	-	77	28.3	26.3
<b>CONNACHT</b>	187	119	72	33	11	-	422	26.7	24.9
Galway City	29	24	16	5	1	-	75	26.8	24.7
Galway County	55	44	27	11	4	-	141	27.3	25.8
Leitrim	18	5	1	1	1	-	26	24.2	22.8
Mayo	45	17	12	12	3	-	89	26.7	24.9
Roscommon	11	15	7	-	1	-	34	27.4	26.1
Sligo	29	14	9	4	1	-	57	25.6	23.8
<b>ULSTER (PART OF)</b>	124	77	43	16	3	2	265	26.0	24.2
Cavan	21	20	9	5	2	-	57	27.2	25.4
Donegal	75	43	19	7	-	1	145	25.4	23.5
Monaghan	28	14	15	4	1	1	63	26.6	24.7
<b>STATE</b>	2,239	1,424	910	424	102	2	5,101	26.8	25.0
<b>REGIONAL AUTHORITIES:</b>									
Border	236	137	72	35	6	2	488	26.0	24.1
Midland	149	77	44	19	10	-	299	26.2	24.2
West	140	100	62	28	9	-	339	27.1	25.3
Dublin	760	465	318	139	33	-	1,715	26.8	25.2
Mid-East	241	161	123	59	13	-	597	27.4	25.8
Mid-West	199	119	80	39	7	-	444	26.5	24.5
South-East	252	166	90	58	11	-	577	26.9	24.6
South-West	262	199	121	47	13	-	642	27.0	25.0

**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 of births outside marriage
		Males	Females	Total	Rate <sup>(a)</sup>	
<b>LEINSTER</b>	8,881	4,678	4,350	9,028	16.3	34.0
Carlow	-	125	102	227	18.7	28.2
Dublin City	5,788	849	830	1,679	12.8	46.6
South Dublin	-	537	530	1,067	16.9	40.3
Fingal	-	599	535	1,134	21.9	30.0
Dun Laoghaire Rathdown	311	346	319	665	13.2	24.4
Kildare	4	417	394	811	18.8	27.9
Kilkenny	443	167	142	309	14.6	24.9
Laois	383	122	121	243	15.7	29.2
Longford	1	66	65	131	16.0	32.1
Louth	938	229	204	433	16.1	32.3
Meath	-	385	334	719	20.4	26.0
Offaly	-	149	117	266	15.8	32.0
Westmeath	539	176	158	334	17.6	30.2
Wexford	471	246	236	482	15.7	36.5
Wicklow	3	265	263	528	17.5	34.8
<b>MUNSTER</b>	4,446	2,304	2,147	4,451	15.3	30.2
Clare	6	214	220	434	15.9	29.3
Cork City	1,990	209	209	418	12.9	44.3
Cork County	4	754	704	1,458	17.0	22.6
Kerry	390	221	233	454	13.0	28.2
Limerick City	1,169	131	130	261	18.3	53.3
Limerick County	-	234	189	423	13.2	20.6
North Tipperary	-	150	143	293	18.2	31.1
South Tipperary	303	166	133	299	14.3	32.1
Waterford City	584	87	83	170	14.5	51.2
Waterford County	-	138	103	241	16.1	32.0
<b>CONNACHT</b>	2,028	877	900	1,777	14.5	23.7
Galway City	828	103	106	209	12.0	35.9
Galway County	427	345	304	649	17.2	21.7
Leitrim	1	45	64	109	16.0	23.9
Mayo	405	205	208	413	13.3	21.5
Roscommon	1	87	113	200	14.1	17.0
Sligo	366	92	105	197	12.8	28.9
<b>ULSTER (PART OF)</b>	815	478	436	914	14.1	29.0
Cavan	375	134	110	244	16.4	23.4
Donegal	440	254	231	485	13.4	29.9
Monaghan	-	90	95	185	13.3	34.1
<b>STATE</b>	16,170	8,337	7,833	16,170	15.7	31.5
<b>REGIONAL AUTHORITIES:</b>						
Border	2,120	844	809	1,653	14.5	29.5
Midland	923	513	461	974	16.4	30.7
West	1,661	740	731	1,471	14.7	23.0
Dublin	6,099	2,331	2,214	4,545	15.4	37.7
Mid-East	7	1,067	991	2,058	18.9	29.0
Mid-West	1,175	729	682	1,411	15.8	31.5
South-East	1,801	929	799	1,728	15.5	33.4
South-West	2,384	1,184	1,146	2,330	15.2	27.6

(a) Equivalent annual rates based on 2005 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>	3,142	1,577	1,547	3,124	5.6	2,359
Carlow	39	44	30	74	6.1	56
Dublin City	<sup>(b)</sup>	484	494	978	7.5	743
South Dublin	<sup>(b)</sup>	122	120	242	3.8	160
Fingal	<sup>(b)</sup>	96	77	173	3.3	115
Dun Laoghaire Rathdown	<sup>(b)</sup>	111	147	258	5.1	208
Kildare	173	110	93	203	4.7	140
Kilkenny	122	64	63	127	6.0	102
Laois	92	47	47	94	6.1	77
Longford	37	35	24	59	7.2	54
Louth	178	73	80	153	5.7	123
Meath	106	75	68	143	4.0	106
Offaly	129	62	57	119	7.1	98
Westmeath	98	55	60	115	6.1	83
Wexford	196	118	102	220	7.2	165
Wicklow	82	81	85	166	5.5	129
<b>MUNSTER</b>	1,943	964	958	1,922	6.6	1,509
Clare	139	96	89	185	6.8	146
Cork City	494	99	96	195	6.0	136
Cork County	258	246	276	522	6.1	406
Kerry	259	136	129	265	7.6	220
Limerick City	264	38	40	78	5.5	61
Limerick County	74	115	109	224	7.0	176
North Tipperary	98	61	60	121	7.5	104
South Tipperary	143	78	69	147	7.0	118
Waterford City	181	27	20	47	4.0	35
Waterford County	33	68	70	138	9.2	107
<b>CONNACHT</b>	860	424	424	848	6.9	661
Galway City	182	16	21	37	2.1	26
Galway County	172	137	141	278	7.4	211
Leitrim	58	45	39	84	12.4	69
Mayo	227	134	107	241	7.8	184
Roscommon	83	39	57	96	6.8	80
Sligo	138	53	59	112	7.3	91
<b>ULSTER (PART OF)</b>	435	250	236	486	7.5	390
Cavan	112	66	55	121	8.1	94
Donegal	243	133	123	256	7.1	206
Monaghan	80	51	58	109	7.9	90
<b>STATE</b>	6,380	3,215	3,165	6,380	6.2	4,919
<b>REGIONAL AUTHORITIES:</b>						
Border	809	421	414	835	7.3	673
Midland	356	199	188	387	6.5	312
West	664	326	326	652	6.5	501
Dublin	1,890	813	838	1,651	5.6	1,226
Mid-East	361	266	246	512	4.7	375
Mid-West	575	310	298	608	6.8	487
South-East	714	399	354	753	6.7	583
South-West	1,011	481	501	982	6.4	762

<sup>(a)</sup> Equivalent annual rates based on 2005 Population estimate.<sup>(b)</sup> Figures for deaths occurring in Dublin are only available at Regional Authority level

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
<b>Total deaths</b>	001-999	00	6,380	3,215	3,165	59	10	95	105	157	356	679	1,220	1,999	1,700
<b>Infectious and parasitic diseases:-</b>															
Tuberculosis	001-139, 279.8	01	39	25	14	-	-	1	1	2	3	3	8	5	16
Meningococcal infection	010-018, 137	02	7	4	3	-	-	-	-	-	-	-	2	2	3
AIDS (HIV Disease)	036	03	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral Hepatitis	042-044, 279.8	04	1	1	-	-	-	-	-	1	-	-	-	-	-
other infectious and parasitic diseases	070	05	1	1	-	-	-	-	-	-	-	-	-	-	1
	Rem(001-139)		30	19	11	-	-	1	1	1	3	3	6	3	12
<b>Neoplasms</b>															
Malignant Neoplasms of the:-															
lip, oral cavity, pharynx	140-239	06	1,920	986	934	2	1	4	14	54	148	315	559	568	255
oesophagus	140-208	07	1,901	976	925	2	1	4	14	53	147	314	552	560	254
stomach	140-149	08	35	26	9	-	-	1	-	1	10	11	8	4	-
colon	150	09	84	58	26	-	-	-	-	3	4	15	25	28	9
rectum and anus	151	10	75	44	31	-	-	-	1	4	2	14	19	25	10
liver and the intrahepatic bile ducts	153	11	159	83	76	-	-	-	-	1	9	22	43	57	27
pancreas	154	12	87	59	28	-	-	-	-	2	6	19	30	22	8
larynx and trachea/bronchus/lung	155	13	48	30	18	-	-	-	-	2	2	13	10	17	6
skin	157	14	84	40	44	-	-	-	-	-	3	8	27	31	15
breast	161-162	15	390	238	152	-	-	-	1	10	31	83	135	102	28
cervix uteri	172	16	19	11	8	-	-	-	-	1	5	6	6	6	1
other parts of uterus	174-175	17	184	-	184	-	-	3	11	18	32	56	42	22	22
ovary	180	18	16	-	16	-	-	1	3	7	2	3	-	-	-
prostate	179,182	19	17	-	17	-	-	-	-	-	3	3	5	4	2
kidney	183.0	20	71	-	71	-	-	1	4	11	14	14	22	14	5
bladder	185	21	136	-	136	-	-	-	-	-	1	10	34	58	33
lymph/haematopoietic tissue	189.0	22	39	28	11	-	-	-	-	1	2	7	14	9	6
other malignant neoplasms	188	23	35	20	15	-	-	-	-	-	1	4	12	11	7
	200-208	24	153	79	74	1	1	2	3	2	11	20	30	57	26
	Rem(140-208)		269	124	145	1	-	1	4	11	25	32	73	73	49
Diseases of the blood and blood-forming organs, immunological disorders (excl 279.8)															
Endocrine, Nutritional and metabolic diseases	279-289	25	24	7	17	-	-	-	-	-	2	4	1	11	6
Diabetes mellitus	240-278	26	143	67	76	1	1	3	2	-	2	11	18	57	48
Mental and behavioural disorders	250	27	106	48	58	-	-	-	1	-	1	8	15	43	38
Alcohol abuse (including alcoholic psychosis)	290-319	28	136	60	76	-	-	8	14	10	10	10	10	28	46
Drug dependence, toxicomania	291,303	29	23	15	8	-	-	-	1	6	8	8	-	-	-
Diseases of the nervous system and the sense organs	304-305	30	27	22	5	-	-	8	13	4	2	-	-	-	-
Meningitis	320-389	31	159	72	87	4	1	5	6	1	9	14	37	41	41
	320-322	32	5	1	4	2	-	-	-	-	1	1	1	-	-
<b>Diseases of the Circulatory system:-</b>															
Ischaemic heart disease	390-459	33	2,281	1,165	1,116	-	-	10	4	28	89	206	385	787	772
(Acute myocardial infarction)	410-414	34	1,147	629	518	-	-	-	1	12	48	130	230	361	365
other heart disease	(410)		626	313	313	-	-	-	-	5	16	60	128	203	214
Cerebrovascular disease	420-423, 425-429	35	365	190	175	-	-	5	2	14	22	53	130	133	133
other diseases of circulatory system	430-438	36	452	190	262	-	-	2	1	5	15	28	59	178	164
	Rem(390-459)		317	156	161	-	-	3	-	5	12	26	43	118	110

<b>Diseases of the Respiratory system</b>	460-519	787	363	424	2	-	3	-	6	16	31	102	298	329
Influenza	487	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	480-486	401	173	228	2	-	-	-	5	10	9	35	143	197
Chronic Lower respiratory disease	490-494,496	242	129	113	-	-	-	-	1	4	13	46	111	67
Asthma	493	10	6	4	-	-	-	-	1	1	1	2	3	2
other diseases of the respiratory system	Rem(460-519)	144	61	83	-	-	3	-	-	2	9	21	44	65
<b>Diseases of the Digestive system</b>	520-579	246	113	133	1	1	1	3	7	20	40	40	76	57
Ulcer of stomach, duodenum and jejunum	531-534	41	24	17	-	-	-	-	-	3	6	8	15	9
Chronic liver disease	571	52	33	19	-	-	-	2	4	14	19	8	5	-
other diseases of the digestive system	Rem(520-579)	153	56	97	1	1	1	1	3	3	15	24	56	48
Diseases of the skin and subcutaneous tissue	680-709	20	7	13	-	-	-	-	-	-	3	2	8	7
Diseases of the musculoskeletal system/connective tissue	710-739	50	16	34	-	1	1	-	1	1	2	8	18	18
Rheumatoid arthritis and osteoarthritis	714-715	17	6	11	-	-	-	-	-	-	1	2	8	6
Diseases of the genitourinary system	580-629	144	61	83	-	-	-	-	1	2	5	13	62	61
Diseases of the kidney and ureter	580-594	101	46	55	-	-	-	-	1	2	3	11	47	37
Complications of pregnancy, childbirth and puerperium	630-676	-	-	-	-	-	-	-	-	-	-	-	-	-
Certain conditions originating in the perinatal period <sup>2</sup>	760-779	15	6	9	15	-	-	-	-	-	-	-	-	-
Congenital malformations and chromosomal abnormalities	740-759	43	18	25	27	1	7	1	1	4	2	-	-	-
Congenital malformations of the:-														
nervous system	740-742	6	2	4	4	-	2	-	-	-	-	-	-	-
circulatory system	745-747	17	7	10	9	1	4	-	1	2	-	-	-	-
<b>Symptoms, signs, abnormal findings, ill-defined causes</b>	780-799	26	12	14	5	-	1	-	2	4	-	3	3	8
Sudden infant death syndrome	798.0	5	2	3	5	-	-	-	-	-	-	-	-	-
Unknown and unspecified causes	798.1-799.9	10	5	5	-	-	-	-	2	4	-	1	1	2
Injury and poisoning	800-999	347	237	110	2	4	51	60	44	46	33	34	37	36
<b>EXTERNAL CAUSES</b>														
External causes of injury and poisoning	E800-E999	380	259	121	2	4	56	65	49	49	36	39	40	40
Accidents	E800-E929	243	151	92	2	3	33	29	22	28	26	30	32	38
Transport accidents	E800-E848	70	46	24	-	2	16	19	10	7	8	6	2	-
Road transport accidents	E810-E829, E929.0	70	46	24	-	2	16	19	10	7	8	6	2	-
Motor vehicle transport accidents	E810-E819	68	45	23	-	2	15	19	9	7	8	6	2	-
Accidental falls	E880-E888	88	48	40	-	-	2	3	2	6	11	10	20	34
Accidental poisoning	E850-E869	29	24	5	1	1	9	3	7	3	1	3	1	-
other accidents	Rem(E800-E929)	56	33	23	1	-	6	4	3	12	6	11	9	4
Suicide and intentional self harm	E950-E959	116	98	18	-	1	22	31	23	16	8	9	5	1
Homicide, assault	E960-E969	4	2	2	-	-	1	2	-	1	-	-	-	-
Events of undetermined intent	E980-E989	15	8	7	-	-	-	3	4	4	2	-	1	1
All other external causes	Rem(E930-E999)	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	
<b>LEINSTER</b>	2,105,579	3,124	37	258	199	98	159	73	140	49
Carlow	46,014	74	2	6	3	1	8	2	4	2
Dublin City	495,781	978	9	67	66	37	53	18	50	16
South Dublin	238,835	242	4	18	16	8	17	4	11	1
Fingal	196,413	173	1	14	15	5	5	6	5	3
Dun Laoghaire Rathdown	191,792	258	2	16	14	13	14	7	12	1
Kildare	163,944	203	1	17	17	8	9	12	7	1
Kilkenny	80,339	127	1	13	4	4	4	6	8	-
Laois	58,774	94	1	13	7	1	4	2	2	2
Longford	31,068	59	2	3	7	-	2	1	3	2
Louth	101,821	153	1	11	10	5	8	-	8	3
Meath	134,005	143	5	15	4	3	8	3	6	3
Offaly	63,663	119	-	12	7	2	7	3	2	2
Westmeath	71,858	115	3	16	5	5	4	1	4	4
Wexford	116,596	220	1	22	16	5	9	5	10	8
Wicklow	114,676	166	4	15	8	1	7	3	8	1
<b>MUNSTER</b>	1,100,614	1,922	21	153	99	54	99	48	77	33
Clare	103,277	185	-	15	7	8	12	9	8	4
Cork City	123,062	195	4	16	18	1	9	4	8	1
Cork County	324,767	522	5	42	26	15	30	12	19	11
Kerry	132,527	265	3	15	15	5	9	8	10	5
Limerick City	54,023	78	2	2	4	2	4	1	3	1
Limerick County	121,281	224	1	20	9	4	7	4	9	4
North Tipperary	61,010	121	3	13	6	7	6	2	6	1
South Tipperary	79,121	147	3	16	6	3	10	3	7	5
Waterford City	44,594	47	-	2	3	1	2	-	4	-
Waterford County	56,952	138	-	12	5	8	10	5	3	1
<b>CONNACHT</b>	464,296	848	9	62	49	21	40	19	36	16
Galway City	65,832	37	-	3	2	1	2	-	3	1
Galway County	143,245	278	1	20	19	5	18	5	14	5
Leitrim	25,799	84	-	7	5	1	6	3	5	-
Mayo	117,446	241	4	12	12	5	5	6	8	6
Roscommon	53,774	96	2	14	5	4	6	3	3	1
Sligo	58,200	112	2	6	6	5	3	2	3	3
<b>ULSTER (PART OF)</b>	246,714	486	8	39	27	11	30	13	22	8
Cavan	56,546	121	-	10	6	1	14	2	4	2
Donegal	137,575	256	6	19	17	7	11	6	15	5
Monaghan	52,593	109	2	10	4	3	5	5	3	1
<b>STATE</b>	3,917,203	6,380	75	512	374	184	328	153	275	106
<b>REGIONAL AUTHORITIES:</b>										
Border	432,534	835	11	63	48	22	47	18	38	14
Midland	225,363	387	6	44	26	8	17	7	11	10
West	380,297	652	7	49	38	15	31	14	28	13
Dublin	1,122,821	1,651	16	115	111	63	89	35	78	21
Mid-East	412,625	512	10	47	29	12	24	18	21	5
Mid-West	339,591	608	6	50	26	21	29	16	26	10
South-East	423,616	753	7	71	37	22	43	21	36	16
South-West	580,356	982	12	73	59	21	48	24	37	17

<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	
34	550	221	287	199	96	64	106	16	10	43	160	325
-	9	4	7	3	3	4	2	-	-	1	6	7
10	167	73	91	66	31	18	35	6	-	6	49	110
3	50	13	17	16	9	3	10	-	2	4	19	17
2	32	10	14	9	3	1	7	2	-	3	16	20
2	43	16	24	17	5	9	10	2	2	2	14	33
2	32	12	13	13	7	7	5	1	2	4	11	22
2	26	9	17	3	4	2	3	-	1	2	5	13
-	6	10	14	7	3	3	2	-	-	2	5	10
-	6	4	7	9	2	-	1	-	-	1	1	8
3	32	10	15	12	3	2	7	1	1	4	5	12
3	34	8	8	10	2	5	3	-	1	4	4	14
1	26	18	11	4	1	-	6	-	-	4	5	8
2	14	9	12	8	4	4	3	-	-	1	6	10
4	44	13	19	9	12	3	5	3	1	4	9	18
-	29	12	18	13	7	3	7	1	-	1	5	23
26	369	138	181	119	84	49	77	22	3	12	57	201
2	37	12	13	13	7	1	9	3	-	3	3	19
2	40	11	14	14	7	4	10	3	-	-	10	19
8	99	35	47	30	25	9	20	6	2	4	18	59
7	33	30	41	27	13	5	9	3	-	-	3	24
-	13	4	9	7	2	4	5	1	-	-	1	13
4	49	14	19	8	11	10	7	1	-	1	11	31
3	25	7	17	4	2	2	5	2	-	1	1	8
-	29	10	10	9	5	2	7	-	1	1	8	12
-	15	1	5	3	1	5	2	-	-	-	-	3
-	29	14	6	4	11	7	3	3	-	2	2	13
11	150	51	101	55	26	31	40	2	1	8	33	87
1	4	1	5	2	1	2	3	-	-	-	2	4
4	43	12	40	14	7	15	14	-	-	2	12	28
-	11	5	11	12	2	1	3	-	-	-	2	10
2	61	17	25	10	8	8	15	1	-	2	11	23
2	9	10	5	14	5	2	2	-	-	1	4	4
2	22	6	15	3	3	3	3	1	1	3	2	18
6	78	42	36	28	31	5	23	3	1	4	30	41
2	16	13	4	7	9	1	7	1	-	1	8	13
3	41	23	20	17	15	3	11	-	1	2	13	21
1	21	6	12	4	7	1	5	2	-	1	9	7
77	1,147	452	605	401	237	149	246	43	15	67	280	654
11	143	63	77	55	39	11	36	5	3	11	39	81
3	52	41	44	28	10	7	12	-	-	8	17	36
9	117	40	75	40	21	27	34	1	-	5	29	59
17	292	112	146	108	48	31	62	10	4	15	98	180
5	95	32	39	36	16	15	15	2	3	9	20	59
9	124	37	58	32	22	17	26	7	-	5	16	71
6	152	51	64	31	36	23	22	6	3	10	30	66
17	172	76	102	71	45	18	39	12	2	4	31	102

**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
<b>ALL CAUSES</b>		13	13	7	17	19	31
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	-	-	-	1	-	1
Other inflammatory diseases of the central nervous system	323-326	-	-	-	-	-	-
Pneumonia	480-486	-	-	-	2	1	1
Influenza	487	-	-	-	-	-	-
Other diseases of respiratory system	460-479, 494-519	-	-	-	-	-	-
Diseases of digestive system	520-579	-	1	-	-	1	-
Congenital anomalies:							
Anencephalus and similar anomalies	740	1	-	-	-	1	-
Spina Bifida	741	1	-	-	-	-	1
Other congenital anomalies of digestive system	742	-	-	-	2	-	2
Congenital anomalies of eye, ear, face and neck	743,744	-	-	-	-	-	-
Congenital anomalies of the heart	745,746	-	-	2	2	1	3
Other congenital anomalies of circulatory system	747	1	1	-	-	2	-
Congenital anomalies of respiratory system	748	-	2	1	1	1	3
Other congenital anomalies of upper alimentary tract inc. cleft palate and lip	749,750	-	1	-	-	1	-
Other congenital anomalies of digestive system	751	-	1	-	-	-	1
Congenital anomalies of genital organs	752	-	-	-	-	-	-
Congenital anomalies of urinary system	753	3	-	-	1	2	2
Congenital musculoskeletal deformities including limbs	754-756	-	-	-	-	-	-
Congenital anomalies of the integument	757	-	-	-	-	-	-
Chromosomal anomalies	758	1	1	-	-	1	1
Other and unspecified congenital anomalies	759	1	-	-	-	-	1
Fetus or newborn affected by maternal conditions, maybe unrelated to the pregnancy							
Fetus or newborn affected by maternal complications of pregnancy	760	-	-	-	-	-	-
Fetus or newborn affected by complications of placenta, cord and membranes	761	-	1	-	-	-	1
Birth injury and difficult labour	762	1	-	-	-	1	-
Slow fetal growth and malnutrition	763,767	-	1	1	-	2	-
Disorders relating to short gestation and unspecified low birthweight	764	-	-	-	-	-	-
Disorders relating to long gestation and high birthweight	765	3	1	-	-	-	4
Intrauterine hypoxia and birth asphyxia	766	-	-	-	-	-	-
Respiratory distress syndrome	768	-	-	-	-	-	-
Other respiratory conditions of fetus and newborn	769	-	-	-	-	-	-
	770	1	-	-	-	-	1
Infections specific to the perinatal period	771	-	-	1	-	1	-
Fetal and neo-natal haemorrhage	772	-	1	-	-	-	1
Haemolytic disease of newborn	773,774	-	-	-	-	-	-
Endocrine and metabolic disturbances specific to the fetus and newborn	775	-	-	-	-	-	-
Haematological disorders of fetus and newborn	776	-	-	-	-	-	-
Perinatal disorders of digestive system	777	-	-	2	1	2	1
Conditions involving the integument and temperature regulation of fetus and newborn	778	-	-	-	-	-	-
Other and ill-defined conditions originating in the perinatal period	779	-	1	-	-	-	1
Sudden death, cause unknown	798	-	-	-	5	2	3
Fractures	800-829	-	-	-	-	-	-
Intracranial and internal injuries, including nerves	850-869, 950-957	-	-	-	-	-	-
Burns	940-949	-	-	-	-	-	-
Poisonings and toxic effects	960-989	-	-	-	1	-	1
Other injuries and poisonings	Rem(800-999)	-	-	-	-	-	-
All other causes		-	1	-	1	-	2

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

Area of residence	Infant mortality		Neonatal mortality	
	Number	Rate	Number	Rate
<b>Leinster</b>	22	2.4	16	1.8
Carlow	0	0.0	0	0.0
Dublin City	4	2.4	2	1.2
South Dublin	5	4.7	3	2.8
Fingal	0	0.0	0	0.0
Dun Laoghaire Rathdown	3	4.5	3	4.5
Kildare	3	3.7	2	2.5
Kilkenny	1	3.2	1	3.2
Laois	0	0.0	0	0.0
Longford	0	0.0	0	0.0
Louth	1	2.3	1	2.3
Meath	2	2.8	1	1.4
Offaly	0	0.0	0	0.0
Westmeath	0	0.0	0	0.0
Wexford	3	6.2	3	6.2
Wicklow	0	0.0	0	0.0
<b>Munster</b>	20	4.5	12	2.7
Clare	1	2.3	1	2.3
Cork City	3	7.2	2	4.8
Cork County	8	5.5	4	2.7
Kerry	1	2.2	0	0.0
Limerick City	2	7.7	1	3.8
Limerick County	0	0.0	0	0.0
North Tipperary	3	10.2	2	6.8
South Tipperary	1	3.3	1	3.3
Waterford City	0	0.0	0	0.0
Waterford County	1	4.1	1	4.1
<b>Connacht</b>	5	2.8	2	1.1
Galway City	1	4.8	0	0.0
Galway County	0	0.0	0	0.0
Leitrim	1	9.2	0	0.0
Mayo	1	2.4	1	2.4
Roscommon	1	5.0	0	0.0
Sligo	1	5.1	1	5.1
<b>Ulster</b>	3	3.3	3	3.3
Cavan	1	4.1	1	4.1
Donegal	1	2.1	1	2.1
Monaghan	1	5.4	1	5.4
<b>State</b>	50	3.1	33	2.0
<b>REGIONAL AUTHORITIES:</b>				
Border	6	3.6	5	3.0
Midland	0	0.0	0	0.0
West	3	2.0	1	0.7
Dublin	12	2.6	8	1.8
Mid-East	5	2.4	3	1.5
Mid-West	6	4.3	4	2.8
South-East	6	3.5	6	3.5
South-West	12	5.2	6	2.6

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.

### Causes of Death

#### ICD 9 Codes

#### Description

140-208

Malignant Neoplasms of:

151

- Stomach

150, 152 - 159

- Digestive organs and peritoneum

162

- Trachea, bronchus and lung

174-175

- Breast

179 - 189

- 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, 2000 - 2005**

Sex and Age Group	Persons in April of each year					
	2000	2001	2002	2003 <sup>1</sup>	2004 <sup>1</sup>	2005 <sup>1</sup>
	000					
<b>Persons</b>						
0 - 4 years	266.2	273.2	277.6	284.8	291.1	297.4
5 - 9 "	266.7	263.7	264.1	268.1	274.6	281.2
10 - 14 "	295.1	290.6	285.7	280.9	277.5	274.7
15 - 19 "	329.4	320.4	313.2	306.8	300.8	296.0
20 - 24 "	311.9	317.6	328.3	336.0	338.7	341.3
25 - 29 "	289.4	300.8	312.7	318.9	329.4	351.4
30 - 34 "	277.5	288.6	304.7	313.4	320.8	330.2
35 - 39 "	280.2	285.1	290.9	294.1	299.9	306.4
40 - 44 "	260.5	267.6	272.0	278.1	283.7	290.7
45 - 49 "	239.1	243.9	249.6	253.2	258.3	263.8
50 - 54 "	225.0	228.2	230.8	234.8	237.5	242.5
55 - 59 "	174.3	185.8	197.3	206.7	214.5	222.0
60 - 64 "	149.7	151.7	154.3	160.4	166.1	172.4
65 - 69 "	129.3	130.8	133.5	135.3	137.9	141.4
70 - 74 "	111.3	111.8	112.1	113.7	115.3	116.9
75 - 79 "	88.9	89.2	89.8	89.6	90.2	91.1
80 - 84 "	55.8	57.6	58.9	61.5	62.7	63.5
85 years and over	39.4	40.4	41.7	42.8	44.8	47.8
<b>Total</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>4,130.7</b>
<b>Males</b>						
0 - 4 years	137.2	140.4	142.0	145.6	148.8	152.4
5 - 9 "	136.6	135.5	135.9	137.7	141.2	144.6
10 - 14 "	151.3	149.0	146.1	144.2	142.4	141.1
15 - 19 "	168.9	164.3	160.4	157.0	154.1	151.4
20 - 24 "	157.4	160.5	165.3	168.5	170.3	171.4
25 - 29 "	146.0	151.2	156.1	159.6	165.0	177.9
30 - 34 "	137.5	144.2	152.4	157.2	160.3	166.2
35 - 39 "	138.2	141.2	144.5	146.3	150.5	154.6
40 - 44 "	129.7	133.0	135.3	138.2	140.8	144.6
45 - 49 "	119.8	122.4	125.0	126.5	128.8	131.5
50 - 54 "	114.1	115.5	116.6	118.2	119.6	122.3
55 - 59 "	88.2	94.0	99.8	104.9	108.7	111.9
60 - 64 "	74.8	75.9	77.6	80.6	83.6	86.6
65 - 69 "	63.3	64.0	65.3	66.1	67.4	69.2
70 - 74 "	50.3	51.1	51.7	53.1	54.4	55.5
75 - 79 "	36.9	37.1	37.4	37.4	38.0	38.8
80 - 84 "	21.0	21.7	22.3	23.3	23.7	23.9
85 years and over	11.8	12.2	12.5	13.0	13.7	14.9
<b>Total</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>2,059.0</b>
<b>Females</b>						
0 - 4 years	128.9	132.8	135.6	139.2	142.3	144.9
5 - 9 "	130.1	128.2	128.2	130.3	133.4	136.6
10 - 14 "	143.8	141.6	139.6	136.8	135.0	133.7
15 - 19 "	160.5	156.2	152.8	149.8	146.7	144.6
20 - 24 "	154.5	157.1	163.0	167.5	168.5	170.0
25 - 29 "	143.3	149.6	156.6	159.3	164.3	173.5
30 - 34 "	140.0	144.4	152.3	156.2	160.5	164.0
35 - 39 "	142.0	143.9	146.4	147.8	149.4	151.7
40 - 44 "	130.8	134.6	136.7	139.9	142.9	146.1
45 - 49 "	119.3	121.5	124.6	126.7	129.5	132.3
50 - 54 "	110.8	112.7	114.3	116.6	117.9	120.2
55 - 59 "	86.1	91.8	97.5	101.8	105.8	110.1
60 - 64 "	74.9	75.8	76.7	79.8	82.5	85.8
65 - 69 "	66.0	66.8	68.2	69.2	70.5	72.2
70 - 74 "	61.0	60.8	60.4	60.5	60.9	61.5
75 - 79 "	52.0	52.1	52.4	52.3	52.2	52.2
80 - 84 "	34.8	35.9	36.6	38.2	39.0	39.5
85 years and over	27.6	28.2	29.2	29.8	31.1	32.9
<b>Total</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>	<b>2,071.8</b>

<sup>1</sup> Preliminary