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Third Quarter

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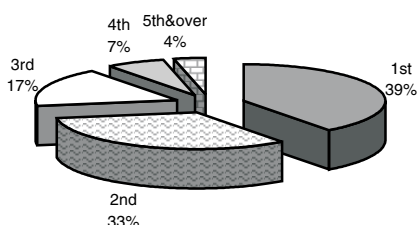
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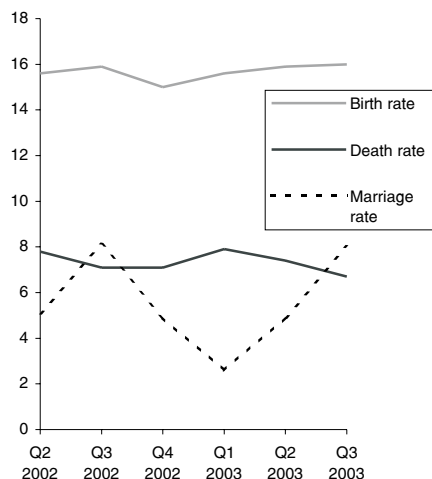
Third Quarter 2003

Commentary

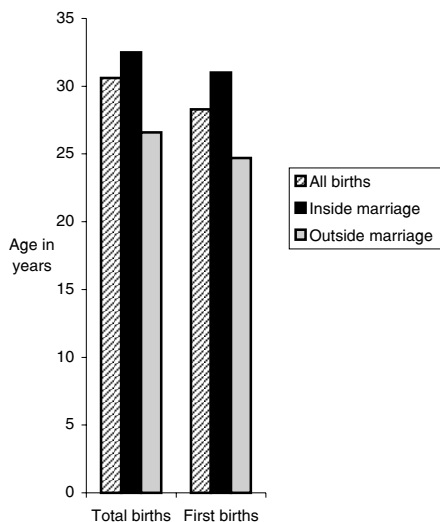
Birth Order



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 15,909 births registered in quarter 3 of 2003, 8,129 males and 7,780 females, an increase of 316 on the quarter 3 figure of 2002. The quarter 3 2003 total is 31% higher than in 1994 when 12,171 babies were registered.

This represents an annual birth rate of 16.0 per 1,000 of the population, 0.1 above quarter 3 of 2002. This rate is 2.4 per 1,000 population higher than in 1994.

Birth order

A total of 6,240 births (39.6%) were to first time mothers in quarter 3 of 2003. Second time mothers had 5,155 births (32.7%). On the other hand, only 27.7% of mothers already had two or more live born children, reflecting the trend towards smaller family sizes (see table 3). This compares to 4,321 (35.9%) first births registered in quarter 3 1994.

Births outside marriage

There were 4,981 births registered as outside marriage in quarter 3 of 2003. This accounted for 31.3% of all births, an increase of 0.2% on quarter 3 2002. The highest percentage of births outside marriage occurred in Limerick City at 55.0%, while the county with the lowest percentage was Galway County at 17.9% (see table 6). In quarter 3 1994 2,528 births were registered outside marriage or 20.8% of all births.

Deaths

There were 6,639 deaths registered in quarter 3 2003, 3,475 males and 3,164 females, a decrease of 302 on the quarter 3 figure 2002. The quarter 3 2003 total is 8% lower than in 1994 when 7,213 deaths were registered.

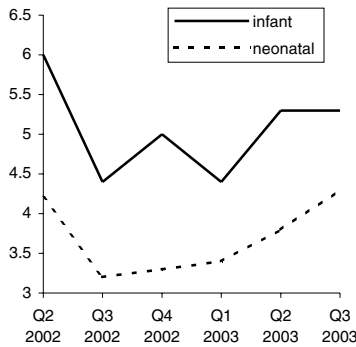
This represents an annual death rate of 6.7 per 1,000 population, 0.4 below quarter 3 2002. This rate is 1.3 per 1,000 population lower than in 1994.

Age at death

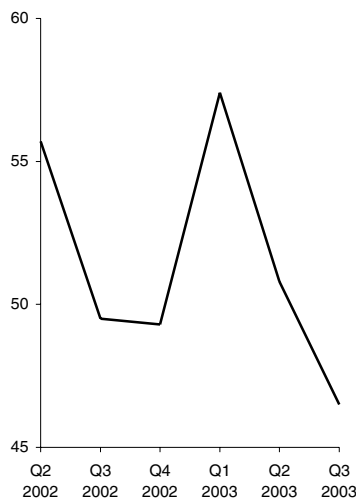
There were 85 infant deaths registered in quarter 3 2003, an increase of 17 on the quarter 3 figure 2002. Neonatal deaths are deaths of infants at ages under 4 weeks. There were 68 neonatal deaths registered in quarter 3 2003, an increase of 18 on the quarter 3 figure 2002.

In quarter 3 2003 the infant mortality rate of 5.3 per 1,000 live births was 0.9 above quarter 3 2002. This rate is 1.1 per 1,000 live births lower than in 1994. The neonatal mortality rate per 1,000 live births in quarter 3 2003 was 4.3, 1.1 above quarter 3 2002 and 0.1 below quarter 3 1994.

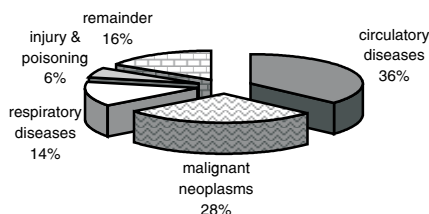
Infant and neonatal mortality rates per 1,000 live births



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



Principal causes of death



There were 5,147 deaths of persons aged 65 and over registered in quarter 3 2003, a decrease of 244 on the quarter 3 figure 2002. The quarter 3 2003 total is 9% lower than in 1994 when 5,661 deaths were registered.

This represents an annual death rate of 46.5 per 1,000 population aged 65 and over, 3.0 below quarter 3 2002. This rate is 8.9 per 1,000 population aged 65 and over lower than in 1994.

Cause of death

- **Diseases of the Circulatory System:**

Diseases of the Circulatory System accounted for 2,435 deaths, or an annual rate of 2.4 per 1,000 population. Of these 1,250 were due to Ischaemic Heart Disease and 485 to Cerebrovascular Disease.

- **Malignant Neoplasms:**

There were 1,860 deaths from malignant neoplasms. This is equivalent to an annual rate of 1.9 per 1,000 population. Of these 595 were due to malignant neoplasms of the digestive system and 399 to malignant neoplasms of the trachea, bronchus and lung.

- **Diseases of the Respiratory System:**

Deaths from pneumonia numbered 470; bronchitis, emphysema and asthma (including chronic obstructive airways disease) accounted for 277 deaths; 152 deaths resulted from other respiratory diseases.

- **Injury and Poisoning:**

There were 85 deaths from injuries received in motor vehicle accidents (including non-traffic accidents) while all other injuries and poisonings accounted for 286 deaths.

Methodology

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

Marriages

The number of marriages registered during the quarter was 7,996 equivalent to an annual marriage rate of 8.0 per 1,000 population, 0.1 below the corresponding quarter of 2002. The quarter 3 2003 total is 9% higher than in 1994 when 7,361 marriages were registered.

Population

The estimated population in April 2003 was 3,978,900 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.

Table 1 Marriages, births, deaths and natural increase

	Marriages ¹	Live Births				Deaths				Natural Increase
		Total	First	Outside marriage	Average Age	Total	Infant	Neonatal	65 & over	
Quarter 1										
1994	1725	12067	4138	2529	29.9	8551	70	42	7026	3516
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
Quarter 2										
1994	4056	12204	4129	2378	30.0	7807	69	43	6200	4397
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
Quarter 3										
1994	7361	12171	4321	2528	29.8	7213	78	53	5661	4958
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
Quarter 4										
1994	3479	11487	4262	2469	30.0	7173	67	53	5654	4314
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										
Total										
1994	16621	47929	16861	9904	29.9	30744	284	190	24541	17185
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										

¹ Due to current delays in the registration system, 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 ¹	% Outside marriage	Total	Infant Mortality ²	Neonatal Mortality ³	65 & over	
Quarter 1									
1994	1.9	13.5	34.6	21.0	9.6	5.8	3.5	68.9	3.9
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
Quarter 2									
1994	4.5	13.6	34.6	19.5	8.7	5.7	3.5	60.7	4.9
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	15.9	39.5	30.1	7.4	5.3	3.8	50.8	8.6
Quarter 3									
1994	8.2	13.6	35.9	20.8	8.0	6.4	4.4	55.4	5.5
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
Quarter 4									
1994	3.9	12.8	37.5	21.5	8.0	5.8	4.6	55.3	4.8
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									
Total									
1994	4.6	13.4	35.6	20.7	8.6	5.9	4.0	60.1	4.8
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									

¹ First births divided by the total number of live births (excluding those with unstated parity), multiplied by 100² Infant mortality is the number of infant deaths per 1,000 live births³ 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	8,129	7,780	15,909	4,981	6,240	5,155	2,725	1,040	367	218	164
15 and under	4	5	9	9	9	-	-	-	-	-	-
16	24	15	39	38	38	-	-	-	-	-	1
17	58	69	127	120	118	9	-	-	-	-	-
18	122	109	231	209	202	21	3	-	-	-	5
19	147	146	293	259	252	31	9	-	-	-	1
Under 20	355	344	699	635	619	61	12	-	-	-	7
20	171	158	329	284	246	71	9	2	-	-	1
21	191	197	388	329	256	93	26	5	-	-	8
22	223	215	438	337	258	132	34	6	3	-	5
23	235	227	462	323	271	136	37	13	1	2	2
24	269	262	531	338	245	188	60	25	6	2	5
20-24	1,089	1,059	2,148	1,611	1,276	620	166	51	10	4	21
25	300	257	557	296	256	211	63	15	4	2	6
26	326	301	627	291	295	219	77	20	8	2	6
27	366	366	732	245	346	242	88	38	7	5	6
28	427	435	862	250	385	314	95	42	12	5	9
29	552	472	1,024	276	423	348	155	56	18	14	10
25-29	1,971	1,831	3,802	1,358	1,705	1,334	478	171	49	28	37
30	571	582	1,153	239	459	407	176	56	31	12	12
31	624	494	1,118	188	442	392	176	59	27	10	12
32	575	541	1,116	169	370	417	232	69	16	6	6
33	552	533	1,085	150	320	410	239	66	30	14	6
34	492	497	989	131	259	354	249	81	24	18	4
30-34	2,814	2,647	5,461	877	1,850	1,980	1,072	331	128	60	40
35	435	436	871	100	214	304	206	100	26	16	5
36	403	372	775	89	145	250	241	86	32	10	11
37	318	322	640	75	125	195	172	96	31	19	2
38	255	248	503	72	97	138	148	69	18	22	11
39	172	172	344	48	67	95	95	44	21	18	4
35-39	1,583	1,550	3,133	384	648	982	862	395	128	85	33
40 and over	276	304	580	89	116	158	128	85	50	39	4
Age not stated	41	45	86	27	26	20	7	7	2	2	22

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	411	1,270	2,239	3,195	1,783	306	33	9,237	30.6	28.4
Carlow	12	40	57	68	30	8	1	216	29.5	27.7
Dublin City	119	322	448	495	305	56	-	1,745	29.6	27.6
South Dublin	56	194	306	406	214	33	-	1,209	30.2	27.8
Fingal	45	143	286	432	208	31	-	1,145	30.7	28.9
Dun Laoghaire Rathdown	18	45	103	243	211	37	1	658	32.8	30.7
Kildare	24	97	192	327	174	30	2	846	31.1	28.7
Kilkenny	10	36	73	104	67	10	2	302	31.0	28.0
Laois	12	34	65	89	51	10	1	262	30.5	28.2
Longford	8	22	31	56	22	3	3	145	30.1	27.8
Louth	19	63	87	146	55	9	4	383	29.9	27.6
Meath	17	67	166	268	136	16	7	677	31.2	29.4
Offaly	10	36	66	99	42	8	5	266	30.4	27.9
Westmeath	12	29	85	101	65	11	2	305	31.1	28.2
Wexford	31	84	145	166	100	22	3	551	30.2	27.5
Wicklow	18	58	129	195	103	22	2	527	31.1	29.3
MUNSTER	196	564	974	1,426	794	165	29	4,148	30.6	28.1
Clare	23	53	130	165	93	21	-	485	30.8	28.3
Cork City	34	84	116	108	71	12	2	427	29.1	26.0
Cork County	36	119	263	450	238	59	4	1,169	31.4	29.4
Kerry	16	69	87	163	92	18	3	448	30.9	28.3
Limerick City	22	62	74	76	27	6	4	271	28.2	26.1
Limerick County	18	49	109	170	112	21	-	479	31.4	28.8
North Tipperary	9	32	48	92	46	5	1	233	30.8	28.9
South Tipperary	11	44	62	69	48	8	15	257	30.0	26.9
Waterford City	14	25	33	48	26	4	-	150	29.5	26.5
Waterford County	13	27	52	85	41	11	-	229	30.7	27.5
CONNACHT	49	186	369	561	388	73	13	1,639	31.4	28.9
Galway City	11	41	63	69	48	11	-	243	30.3	27.8
Galway County	14	45	110	209	148	19	2	547	31.9	29.7
Leitrim	2	9	23	41	11	3	-	89	30.8	29.3
Mayo	10	47	100	117	95	22	9	400	31.3	28.5
Roscommon	5	22	34	49	31	8	-	149	31.0	28.3
Sligo	7	22	39	76	55	10	2	211	31.8	29.1
ULSTER (PART OF)	43	128	220	279	168	36	11	885	30.4	27.2
Cavan	11	27	47	64	43	7	3	202	30.7	28.0
Donegal	27	79	135	168	88	22	5	524	30.2	26.9
Monaghan	5	22	38	47	37	7	3	159	30.8	27.0
STATE	699	2,148	3,802	5,461	3,133	580	86	15,909	30.6	28.3
REGIONAL AUTHORITIES:										
Border	71	222	369	542	289	58	17	1,568	30.5	27.7
Midland	42	121	247	345	180	32	11	978	30.6	28.0
West	40	155	307	444	322	60	11	1,339	31.3	28.8
Dublin	238	704	1,143	1,576	938	157	1	4,757	30.4	28.4
Mid-East	59	222	487	790	413	68	11	2,050	31.1	29.1
Mid-West	72	196	361	503	278	53	5	1,468	30.5	28.1
South-East	91	256	422	540	312	63	21	1,705	30.2	27.4
South-West	86	272	466	721	401	89	9	2,044	30.8	28.4
HEALTH BOARDS:										
ERHA	280	859	1,464	2,098	1,215	209	5	6,130	30.6	28.5
Midland	42	121	247	345	180	32	11	978	30.6	28.0
Mid Western	72	196	361	503	278	53	5	1,468	30.5	28.1
North Eastern	52	179	338	525	271	39	17	1,421	30.7	28.5
North Western	36	110	197	285	154	35	7	824	30.7	27.8
South Eastern	91	256	422	540	312	63	21	1,705	30.2	27.4
Southern	86	272	466	721	401	89	9	2,044	30.8	28.4
Western	40	155	307	444	322	60	11	1,339	31.3	28.8

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	1,325	844	540	238	49	11	3,007	26.7	24.9
Carlow	43	20	15	2	-	1	81	25.2	24.1
Dublin City	346	219	139	62	14	-	780	26.7	24.6
South Dublin	197	118	70	35	2	-	422	26.4	24.6
Fingal	147	101	76	35	3	-	362	27.2	25.5
Dun Laoghaire Rathdown	52	43	33	19	8	-	155	28.4	27.1
Kildare	97	63	33	14	3	-	210	26.4	24.6
Kilkenny	37	26	16	6	1	1	87	26.7	25.7
Laois	35	25	10	4	1	1	76	25.9	25.0
Longford	17	5	5	2	-	1	30	25.6	24.1
Louth	71	28	15	8	2	2	126	25.2	23.2
Meath	56	45	43	11	3	1	159	27.6	26.3
Offaly	38	20	12	4	-	2	76	25.5	23.2
Westmeath	29	33	11	3	3	1	80	26.6	24.0
Wexford	93	50	31	14	2	1	191	26.2	24.3
Wicklow	67	48	31	19	7	-	172	27.7	25.7
MUNSTER	607	353	216	91	26	9	1,302	26.4	24.4
Clare	57	40	21	11	3	-	132	26.6	24.3
Cork City	92	55	29	9	2	-	187	25.7	23.6
Cork County	121	90	60	24	12	-	307	27.4	25.7
Kerry	68	20	26	9	3	1	127	26.3	24.3
Limerick City	78	35	25	7	1	3	149	25.5	23.5
Limerick County	48	39	18	12	4	-	121	27.1	25.4
North Tipperary	32	14	9	3	-	-	58	25.7	23.4
South Tipperary	46	26	13	5	-	5	95	25.9	23.8
Waterford City	31	19	5	5	-	-	60	25.1	23.5
Waterford County	34	15	10	6	1	-	66	25.8	23.0
CONNACHT	177	106	81	38	9	4	415	26.9	25.3
Galway City	38	26	13	9	3	-	89	27.0	25.6
Galway County	39	26	21	12	-	-	98	27.0	25.7
Leitrim	9	7	3	2	-	-	21	26.2	26.0
Mayo	47	22	24	8	5	3	109	27.2	25.4
Roscommon	19	10	8	4	-	-	41	26.6	24.0
Sligo	25	15	12	3	1	1	57	26.6	24.4
ULSTER (PART OF)	137	55	40	17	5	3	257	25.7	22.9
Cavan	31	13	5	7	-	1	57	25.8	23.1
Donegal	87	33	25	7	5	2	159	25.5	22.7
Monaghan	19	9	10	3	-	-	41	26.3	23.7
STATE	2,246	1,358	877	384	89	27	4,981	26.6	24.7
REGIONAL AUTHORITIES:									
Border	242	105	70	30	8	6	461	25.7	23.3
Midland	119	83	38	13	4	5	262	26.0	24.1
West	143	84	66	33	8	3	337	27.0	25.4
Dublin	742	481	318	151	27	-	1,719	26.9	25.1
Mid-East	220	156	107	44	13	1	541	27.2	25.4
Mid-West	215	128	73	33	8	3	460	26.2	24.3
South-East	284	156	90	38	4	8	580	25.9	24.2
South-West	281	165	115	42	17	1	621	26.7	24.7
HEALTH BOARDS:									
ERHA	906	592	382	184	37	-	2,101	26.9	25.1
Midland	119	83	38	13	4	5	262	26.0	24.1
Mid Western	215	128	73	33	8	3	460	26.2	24.3
North Eastern	177	95	73	29	5	4	383	26.4	24.6
North Western	121	55	40	12	6	3	237	25.8	23.4
South Eastern	284	156	90	38	4	8	580	25.9	24.2
Southern	281	165	115	42	17	1	621	26.7	24.7
Western	143	84	66	33	8	3	337	27.0	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 ^(a)	
LEINSTER	9,009	4,686	4,551	9,237	17.3	32.6
Carlow	1	101	115	216	18.5	37.5
Dublin City	5,979	918	827	1,745	13.9	44.7
South Dublin	2	598	611	1,209	19.9	34.9
Fingal	4	567	578	1,145	23.0	31.6
Dun Laoghaire Rathdown	381	351	307	658	13.5	23.6
Kildare	4	452	394	846	20.3	24.8
Kilkenny	409	143	159	302	14.8	28.8
Laois	372	126	136	262	17.6	29.0
Longford	-	76	69	145	18.4	20.7
Louth	825	189	194	383	14.8	32.9
Meath	1	343	334	677	19.9	23.5
Offaly	-	133	133	266	16.5	28.6
Westmeath	492	162	143	305	16.7	26.2
Wexford	533	279	272	551	18.6	34.7
Wicklow	6	248	279	527	18.1	32.6
MUNSTER	4,147	2,145	2,003	4,148	14.8	31.4
Clare	3	241	244	485	18.5	27.2
Cork City	1,675	227	200	427	13.7	43.8
Cork County	24	616	553	1,169	14.2	26.3
Kerry	398	230	218	448	13.3	28.3
Limerick City	1,294	132	139	271	19.7	55.0
Limerick County	1	258	221	479	15.6	25.3
North Tipperary	1	116	117	233	15.0	24.9
South Tipperary	197	134	123	257	12.8	37.0
Waterford City	553	72	78	150	13.2	40.0
Waterford County	1	119	110	229	15.8	28.8
CONNACHT	1,934	839	800	1,639	13.9	25.3
Galway City	779	133	110	243	14.5	36.6
Galway County	417	268	279	547	15.0	17.9
Leitrim	-	50	39	89	13.6	23.6
Mayo	379	211	189	400	13.4	27.2
Roscommon	2	76	73	149	10.9	27.5
Sligo	357	101	110	211	14.3	27.0
ULSTER (PART OF)	819	459	426	885	14.1	29.0
Cavan	347	102	100	202	14.1	28.2
Donegal	468	278	246	524	15.0	30.3
Monaghan	4	79	80	159	11.9	25.8
STATE	15,909	8,129	7,780	15,909	16.0	31.3
REGIONAL AUTHORITIES:						
Border	2,001	799	769	1,568	14.3	29.4
Midland	864	497	481	978	17.1	26.8
West	1,577	688	651	1,339	13.9	25.2
Dublin	6,366	2,434	2,323	4,757	16.7	36.1
Mid-East	11	1,043	1,007	2,050	19.6	26.4
Mid-West	1,299	747	721	1,468	17.0	31.3
South-East	1,694	848	857	1,705	15.8	34.0
South-West	2,097	1,073	971	2,044	13.9	30.4
HEALTH BOARDS:						
ERHA	6,376	3,134	2,996	6,130	17.2	34.3
Midland	864	497	481	978	17.1	26.8
Mid Western	1,299	747	721	1,468	17.0	31.3
North Eastern	1,177	713	708	1,421	16.2	27.0
North Western	825	429	395	824	14.6	28.8
South Eastern	1,694	848	857	1,705	15.8	34.0
Southern	2,097	1,073	971	2,044	13.9	30.4
Western	1,577	688	651	1,339	13.9	25.2

(a) Equivalent annual rates based on 2003 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 ^(a)	
LEINSTER	3,212	1,619	1,546	3,165	5.9	2,388
Carlow	45	39	31	70	6.0	52
Dublin City	1,561	514	528	1,042	8.3	803
South Dublin	162	83	107	190	3.1	113
Fingal	27	99	96	195	3.9	122
Dun Laoghaire Rathdown	239	137	151	288	5.9	239
Kildare	168	105	109	214	5.1	155
Kilkenny	123	69	59	128	6.3	101
Laois	73	48	34	82	5.5	54
Longford	39	36	21	57	7.2	42
Louth	172	87	63	150	5.8	115
Meath	106	85	64	149	4.4	115
Offaly	95	45	44	89	5.5	68
Westmeath	117	67	48	115	6.3	95
Wexford	191	99	95	194	6.6	153
Wicklow	94	106	96	202	6.9	161
MUNSTER	2,008	1,061	957	2,018	7.2	1,572
Clare	137	94	76	170	6.5	126
Cork City	476	120	126	246	7.9	180
Cork County	349	291	275	566	6.9	453
Kerry	250	142	119	261	7.8	201
Limerick City	70	59	52	111	8.1	88
Limerick County	242	93	94	187	6.1	149
North Tipperary	102	71	55	126	8.1	101
South Tipperary	160	81	70	151	7.5	113
Waterford City	164	52	39	91	8.0	73
Waterford County	58	58	51	109	7.5	88
CONNACHT	965	523	439	962	8.2	790
Galway City	228	42	39	81	4.8	62
Galway County	186	167	125	292	8.0	238
Leitrim	37	36	24	60	9.2	51
Mayo	256	146	142	288	9.7	240
Roscommon	119	63	70	133	9.7	117
Sligo	139	69	39	108	7.3	82
ULSTER (PART OF)	454	272	222	494	7.9	397
Cavan	139	78	58	136	9.5	103
Donegal	250	142	121	263	7.5	220
Monaghan	65	52	43	95	7.1	74
STATE	6,639	3,475	3,164	6,639	6.7	5,147
REGIONAL AUTHORITIES:						
Border	802	464	348	812	7.4	645
Midland	324	196	147	343	6.0	259
West	789	418	376	794	8.2	657
Dublin	1,989	833	882	1,715	6.0	1,277
Mid-East	368	296	269	565	5.4	431
Mid-West	551	317	277	594	6.9	464
South-East	741	398	345	743	6.9	580
South-West	1,075	553	520	1,073	7.3	834
HEALTH BOARDS:						
ERHA	2,251	1,044	1,087	2,131	6.0	1,593
Midland	324	196	147	343	6.0	259
Mid Western	551	317	277	594	6.9	464
North Eastern	482	302	228	530	6.1	407
North Western	426	247	184	431	7.7	353
South Eastern	741	398	345	743	6.9	580
Southern	1,075	553	520	1,073	7.3	834
Western	789	418	376	794	8.2	657

(a) Equivalent annual rates based on 2003 Population estimate.

Table 8 Deaths registered classified by cause and age group

Cause of Death	ICD-9 Code	Mortality 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			6,639	3,475	3,164	95	16	81	96	148	334	722	1,280	2,222	1,645
Infectious and parasitic diseases:-	001-139	01-07	36	21	15	1	-	-	-	2	3	4	12	5	9
Intestinal infectious diseases	001-009	01	2	1	1	-	-	-	-	-	-	-	-	-	2
Tuberculosis	010-018	02	11	8	3	-	-	-	-	-	2	1	6	1	1
Whooping cough	033	034	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection	036	036	2	2	-	1	-	-	-	-	-	1	-	-	-
Tetanus	037	037	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicaemia	038	038	7	2	5	-	-	-	-	-	1	-	2	1	3
Smallpox	050	041	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	055	042	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	084	052	1	1	-	-	-	-	-	-	-	-	1	-	-
Other infectious and parasitic diseases	Rem(001-139)		13	7	6	-	-	-	-	2	-	2	3	3	3
Malignant neoplasms:-	140-208	08-14	1,860	1,003	857	1	3	10	12	37	125	347	504	598	223
of stomach	151	091	83	54	29	-	-	-	-	3	4	15	24	30	7
colon	153	093	138	71	67	-	-	-	1	1	6	20	32	57	21
rectum , rectosigmoid junction and anus	154	094	80	48	32	-	-	-	-	2	6	13	23	32	4
trachea , bronchus & lung	162	101	399	261	138	-	-	-	-	2	23	84	138	124	28
female breast	174	113	159	-	159	-	-	-	1	6	24	42	31	39	16
cervix uteri	180	120	14	-	14	-	-	-	1	3	1	4	3	1	1
Leukaemia	204-208	141	64	36	28	-	2	2	1	-	4	7	15	23	10
Other malignant neoplasms	Rem(140-208)		923	533	390	1	1	8	8	20	57	162	238	292	136
Diabetes mellitus	250	181	104	61	43	-	-	-	-	1	2	5	24	44	28
Nutritional marasmus	261	191	-	-	-	-	-	-	-	-	-	-	-	-	-
Other protein-calorie malnutrition	262,263	192	2	1	1	-	-	-	-	-	-	1	-	-	1
Anaemias	280-285	200	11	2	9	-	-	-	2	-	-	-	-	4	5
Meningitis	320-322	220	3	1	2	-	-	-	-	-	-	-	1	1	1
Diseases of the Circulatory system:-	390-459	25-30	2,435	1,230	1,205	1	-	1	7	31	93	212	425	938	727
Acute rheumatic fever	390-392	250	1	-	1	-	-	-	-	-	-	-	-	-	1
Chronic rheumatic heart disease	393-398	251	3	1	2	-	-	-	-	-	-	-	-	3	-
Hypertensive disease	401-405	26	69	34	35	-	-	-	-	1	1	3	12	26	26
Ischaemic heart disease	410-414	27	1,250	696	554	-	-	-	1	11	52	113	254	484	335
- of which															
(Acute myocardial infarction)	(410)	(270)	705	382	323	-	-	-	-	4	21	57	139	292	192
Cerebrovascular disease	430-438	29	485	214	271	-	-	-	2	10	13	41	64	184	171
Atherosclerosis	440	300	48	22	26	-	-	-	-	-	2	1	5	15	25
Other diseases of circulatory system	Rem(390-459)		579	263	316	1	-	1	4	9	25	54	90	226	169

Pneumonia	480-486	321	470	206	264	1	1	-	3	6	4	14	52	152	237	
Influenza	487	322	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bronchitis , emphysema and asthma*	490-493	323	41	21	20	-	-	-	-	1	2	5	14	14	5	
Ulcer of stomach and duodenum	531-533	341	34	21	13	-	-	-	-	-	3	3	7	9	12	
Appendicitis	540-543	342	1	-	1	-	-	-	-	-	-	-	-	1	-	
Chronic liver disease and cirrhosis	571	347	50	30	20	-	-	1	-	7	11	14	8	7	2	
Nephritis , nephrotic syndrome and nephrosis	580-589	350	78	46	32	-	-	-	-	1	2	2	12	32	29	
Hyperplasia of prostate	600	360	5	5	-	-	-	-	-	-	-	-	1	-	4	
Abortion	630-639	38	-	-	-	-	-	-	-	-	-	-	-	-	-	
Direct obstetric deaths	640-646, 651-676	39	-	-	-	-	-	-	-	-	-	-	-	-	-	
Congenital anomalies	740-759	44	51	29	22	38	2	1	2	-	3	3	2	-	-	
Certain conditions originating in the perinatal period+ (Birth trauma)	760-779 (767)	45 (453)	34	21	13	33	1	-	-	-	-	-	-	-	-	
Signs , symptoms and ill-defined conditions	780-799	46	66	30	36	9	-	1	1	-	3	7	4	11	30	
Injury and poisoning:- Fractures	800-999 800-829	47-56 47	371 73	243 27	128 46	6 1	7 -	59 4	55 4	45 2	47 1	33 1	37 6	39 25	43 29	
Intracranial and internal injuries , inc. nerves	850-869, 950-957	49	120 1	89 -	31 1	3 -	5 -	24 -	20 -	18 1	13 -	8 -	16 -	4 -	9 -	
Burns	940-949	52	5	3	2	-	-	1	1	-	-	1	1	-	1	
Poisonings and toxic effects	960-989	53	34	17	17	2	-	8	4	3	10	4	2	1	-	
Other injuries and poisonings	Rem(800-999)		138	107	31	-	2	22	26	21	23	19	12	9	4	
All other diseases	Rem(001-999)		987	504	483	5	2	8	14	17	36	72	177	367	289	
EXTERNAL CAUSES																
Accidents and adverse effects	E800-E949	E47-53	262	159	103	7	6	34	30	26	28	18	33	37	43	
Motor vehicle traffic accidents	E810-E819	E471	86	66	20	2	3	21	20	13	5	5	11	3	3	
Accidental falls	E880-E888	E50	96	41	55	2	1	1	1	3	8	4	11	30	35	
Suicide	E950-E959	E54	116	91	25	-	1	24	22	20	21	17	7	3	1	
Homicide	E960-E969	E55	12	10	2	-	-	2	5	3	2	-	-	-	-	
All other external causes	R(E800-999)		11	9	2	-	-	1	4	2	2	1	-	1	-	

* Chronic Obstructive Airways Disease not included

+ Stillbirths not included

Table 9 Deaths registered, classified by principal cause¹

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	3,165	39	246	203	79	142	50	138	37
Carlow	46,014	70	1	5	2	1	1	-	6	-
Dublin City	495,781	1,042	16	87	83	21	44	14	45	11
South Dublin	238,835	190	3	11	10	6	9	3	10	2
Fingal	196,413	195	3	18	17	9	8	4	9	2
Dun Laoghaire Rathdown	191,792	288	2	22	18	7	13	6	10	1
Kildare	163,944	214	2	12	14	7	12	8	7	4
Kilkenny	80,339	128	2	7	7	3	10	2	8	1
Laois	58,774	82	-	3	5	-	5	1	3	2
Longford	31,068	57	1	4	2	2	6	-	2	-
Louth	101,821	150	3	14	12	3	4	5	3	-
Meath	134,005	149	1	10	6	6	6	2	8	4
Offaly	63,663	89	-	11	-	3	4	1	4	-
Westmeath	71,858	115	2	8	8	2	5	2	5	2
Wexford	116,596	194	-	16	8	4	6	1	9	2
Wicklow	114,676	202	3	18	11	5	9	1	9	6
MUNSTER	1,100,614	2,018	23	165	113	43	107	49	85	38
Clare	103,277	170	1	12	10	6	8	3	1	4
Cork City	123,062	246	2	24	14	5	13	9	10	3
Cork County	324,767	566	9	46	29	9	33	15	26	14
Kerry	132,527	261	4	20	10	3	11	8	5	2
Limerick City	54,023	111	-	16	7	3	5	3	5	2
Limerick County	121,281	187	2	14	16	8	13	5	10	1
North Tipperary	61,010	126	4	10	7	2	8	2	6	5
South Tipperary	79,121	151	1	9	11	2	8	1	9	6
Waterford City	44,594	91	-	6	6	2	3	-	8	1
Waterford County	56,952	109	-	8	3	3	5	3	5	-
CONNACHT	464,296	962	11	71	49	23	37	18	30	20
Galway City	65,832	81	1	6	1	2	4	-	2	1
Galway County	143,245	292	3	29	12	6	8	9	6	9
Leitrim	25,799	60	-	4	4	3	3	1	1	-
Mayo	117,446	288	1	18	21	6	11	7	13	6
Roscommon	53,774	133	3	10	6	4	8	1	3	3
Sligo	58,200	108	3	4	5	2	3	-	5	1
ULSTER (PART OF)	246,714	494	10	30	34	14	22	9	20	9
Cavan	56,546	136	4	10	9	5	10	1	3	3
Donegal	137,575	263	5	15	19	5	10	7	10	4
Monaghan	52,593	95	1	5	6	4	2	1	7	2
STATE	3,917,203	6,639	83	512	399	159	308	126	273	104
REGIONAL AUTHORITIES:										
Border	432,534	812	16	52	55	22	32	15	29	10
Midland	225,363	343	3	26	15	7	20	4	14	4
West	380,297	794	8	63	40	18	31	17	24	19
Dublin	1,122,821	1,715	24	138	128	43	74	27	74	16
Mid-East	412,625	565	6	40	31	18	27	11	24	14
Mid-West	339,591	594	7	52	40	19	34	13	22	12
South-East	423,616	743	4	51	37	15	33	7	45	10
South-West	580,356	1,073	15	90	53	17	57	32	41	19
HEALTH BOARDS:										
ERHA	1,401,441	2,131	29	168	153	55	95	36	90	26
Midland	225,363	343	3	26	15	7	20	4	14	4
Mid Western	339,591	594	7	52	40	19	34	13	22	12
North Eastern	344,965	530	9	39	33	18	22	9	21	9
North Western	221,574	431	8	23	28	10	16	8	16	5
South Eastern	423,616	743	4	51	37	15	33	7	45	10
Southern	580,356	1,073	15	90	53	17	57	32	41	19
Western	380,297	794	8	63	40	18	31	17	24	19

¹ 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:		Remainder
401-405	410-414	430-438	Rem. 390-459	480-486	466, 490-493, 496	Rem. 460-519				E810-E825	other	
38	579	213	290	223	137	75	117	30	20	34	147	328
-	21	6	3	1	2	5	2	1	-	2	2	9
14	178	65	107	70	41	28	36	4	5	9	61	103
2	28	12	18	10	5	4	7	4	2	3	14	27
1	23	13	21	13	6	4	7	5	1	3	9	19
2	53	21	23	25	10	9	15	1	2	1	15	32
4	43	15	15	19	4	2	7	3	4	4	8	20
2	25	6	13	13	8	2	5	1	-	1	3	9
3	12	9	7	3	4	-	2	2	-	3	4	14
-	11	3	3	4	7	-	1	-	-	1	3	7
-	37	7	12	7	6	5	8	1	-	2	9	12
4	22	12	13	16	10	1	3	1	3	1	7	13
2	23	13	6	4	4	-	2	2	-	-	3	7
1	21	8	14	9	6	2	2	2	-	-	4	12
1	49	12	17	9	12	8	16	1	1	-	1	21
2	33	11	18	20	12	5	4	2	2	4	4	23
16	383	146	206	141	68	43	74	17	10	25	88	178
3	34	11	14	21	3	4	3	4	3	-	5	20
4	38	14	23	16	10	4	9	3	1	1	14	29
5	101	44	66	34	20	10	23	6	1	4	30	41
2	64	23	28	22	11	3	10	1	-	4	9	21
1	18	5	15	8	5	3	3	-	2	2	2	6
-	33	11	20	15	6	6	6	-	1	4	5	11
-	25	9	13	5	2	2	4	2	1	3	4	12
1	23	18	11	7	4	4	4	1	1	3	7	20
-	14	5	6	7	2	4	6	-	-	2	6	13
-	33	6	10	6	5	3	6	-	-	2	6	5
9	185	77	100	78	51	25	41	3	3	16	30	85
-	14	7	9	10	5	3	3	-	1	-	3	9
2	53	21	27	23	19	9	16	1	1	2	6	30
1	13	2	6	9	-	3	-	1	-	2	4	3
5	58	20	34	14	13	4	12	1	-	7	8	29
1	25	18	11	17	4	2	4	-	1	1	3	8
-	22	9	13	5	10	4	6	-	-	4	6	6
6	103	49	35	28	21	9	15	1	1	10	21	47
2	24	17	8	4	5	3	3	-	-	4	7	14
3	63	24	18	22	12	4	6	1	1	3	9	22
1	16	8	9	2	4	2	6	-	-	3	5	11
69	1,250	485	631	470	277	152	247	51	34	85	286	638
7	175	67	66	49	37	21	29	3	1	18	40	68
6	67	33	30	20	21	2	7	6	-	4	14	40
8	150	66	81	64	41	18	35	2	3	10	20	76
19	282	111	169	118	62	45	65	14	10	16	99	181
10	98	38	46	55	26	8	14	6	9	9	19	56
4	110	36	62	49	16	15	16	6	7	9	16	49
4	165	53	60	43	33	26	39	4	2	10	25	77
11	203	81	117	72	41	17	42	10	2	9	53	91
8	150	66	81	64	41	18	35	2	3	10	20	76
25	358	137	202	157	78	52	76	19	16	24	111	224
6	67	33	30	20	21	2	7	6	-	4	14	40
4	110	36	62	49	16	15	16	6	7	9	16	49
7	99	44	42	29	25	11	20	2	3	10	28	50
4	98	35	37	36	22	11	12	2	1	9	19	31
4	165	53	60	43	33	26	39	4	2	10	25	77
11	203	81	117	72	41	17	42	10	2	9	53	91
8	150	66	81	64	41	18	35	2	3	10	20	76

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		39	18	11	17	55	30
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	-	-	-	2	-	2
Congenital anomalies:							
Anencephalus and similar anomalies	740	2	1	-	-	1	2
Spina Bifida	741	1	-	-	1	2	-
Other congenital anomalies of digestive system	742	1	-	1	-	2	-
Congenital anomalies of eye, ear, face and neck	743,744	-	-	-	-	-	-
Congenital anomalies of the heart	745,746	1	5	-	3	5	4
Other congenital anomalies of circulatory system	747	-	-	-	-	-	-
Congenital anomalies of respiratory system	748	2	2	1	-	4	1
Other congenital anomalies of upper alimentary tract inc. cleft palate and lip	749,750	1	-	-	-	1	-
Other congenital anomalies of digestive system	751	-	-	-	-	-	-
Congenital anomalies of genital organs	752	1	-	-	-	-	1
Congenital anomalies of urinary system	753	1	-	-	-	1	-
Congenital musculoskeletal deformities including limbs	754-756	1	2	-	1	2	2
Congenital anomalies of the integument	757	-	-	-	-	-	-
Chromosomal anomalies	758	3	-	-	-	1	2
Other and unspecified congenital anomalies	759	4	1	1	-	4	2
Fetus or newborn affected by maternal conditions, maybe unrelated to the pregnancy	760	-	-	-	-	-	-
Fetus or newborn affected by maternal complications of pregnancy	761	3	-	-	-	2	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	10	3	4	-	12	5
Disorders relating to long gestation and high birthweight	766	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia	768	2	-	-	-	1	1
Respiratory distress syndrome	769	1	1	-	-	1	1
Other respiratory conditions of fetus and newborn	770	-	-	-	1	-	1
Infections specific to the perinatal period	771	1	-	-	-	1	-
Fetal and neo-natal haemorrhage	772	2	2	-	-	2	2
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	1
Conditions involving the integument and temperature regulation of fetus and newborn	778	-	-	-	-	-	-
Other and ill-defined conditions originating in the perinatal period	779	-	-	-	-	-	-
Sudden death, cause unknown	798	-	-	1	7	7	1
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		1	1	1	1	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	48	5.2	40	4.3
Carlow	1	4.6	0	0.0
Dublin City	11	6.3	8	4.6
South Dublin	5	4.1	4	3.3
Fingal	6	5.2	5	4.4
Dun Laoghaire Rathdown	2	3.0	2	3.0
Kildare	8	9.5	7	8.3
Kilkenny	1	3.3	1	3.3
Laois	2	7.6	2	7.6
Longford	0	0.0	0	0.0
Louth	0	0.0	0	0.0
Meath	4	5.9	4	5.9
Offaly	0	0.0	0	0.0
Westmeath	2	6.6	2	6.6
Wexford	2	3.6	2	3.6
Wicklow	4	7.6	3	5.7
Munster	29	7.0	21	5.1
Clare	8	16.5	6	12.4
Cork City	5	11.7	4	9.4
Cork County	7	6.0	4	3.4
Kerry	0	0.0	0	0.0
Limerick City	2	7.4	2	7.4
Limerick County	1	2.1	1	2.1
North Tipperary	2	8.6	1	4.3
South Tipperary	4	15.6	3	11.7
Waterford City	0	0.0	0	0.0
Waterford County	0	0.0	0	0.0
Connacht	6	3.7	5	3.1
Galway City	1	4.1	1	4.1
Galway County	3	5.5	2	3.7
Leitrim	0	0.0	0	0.0
Mayo	1	2.5	1	2.5
Roscommon	1	6.7	1	6.7
Sligo	0	0.0	0	0.0
Ulster	2	2.3	2	2.3
Cavan	0	0.0	0	0.0
Donegal	2	3.8	2	3.8
Monaghan	0	0.0	0	0.0
State	85	5.3	68	4.3
REGIONAL AUTHORITIES:				
Border	2	1.3	2	1.3
Midland	4	4.1	4	4.1
West	6	4.5	5	3.7
Dublin	24	5.0	19	4.0
Mid-East	16	7.8	14	6.8
Mid-West	13	8.9	10	6.8
South-East	8	4.7	6	3.5
South-West	12	5.9	8	3.9
HEALTH BOARDS:				
ERHA	36	5.9	29	4.7
Midland	4	4.1	4	4.1
Mid Western	13	8.9	10	6.8
North Eastern	4	2.8	4	2.8
North Western	2	2.4	2	2.4
South Eastern	8	4.7	6	3.5
Southern	12	5.9	8	3.9
Western	6	4.5	5	3.7

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

Table 12 Deaths by quarter of registration and principal cause

Quarter	Malignant Neoplasms of :							Diabet- es mellit us	Diseases of Circulatory System				Diseases of Respiratory System			Diseas- es of the digestive system	Congeni- tal anomali- es	Certain causes of perinatal mortality	Injury and Poisoning		Other	
	Stom- ach	Digestive organs and peritone- um	Trachea, Bronchus and lung	Breast	Genito- urinary organs	Lymphat- ic and haemat- opoietic tissue	Other		Hyper- tensi- ve disea- se	Ischa- emic heart disea- se	Cerebro- vascular disease	Other	Pneumo- nia	Bronchitis, emphys- ema & asthma, incl. chronic obstructi- ve airways disease	Other				E810- E825	Motor vehicle accidents incl. non-traff- ic accidents		Other
1st Quarter																						
1998	86	512	417	157	294	188	314	104	95	2,065	794	888	691	647	203	308	48	40	95	272	709	
1999	100	492	410	183	297	195	322	126	71	2,187	866	990	982	746	276	314	51	41	96	279	843	
2000	88	551	414	155	339	171	306	128	96	2,115	924	975	1,036	711	290	299	68	26	50	235	827	
2001	85	540	419	207	307	183	299	124	72	1,868	730	854	731	464	244	230	44	35	62	192	718	
2002	70	479	392	159	326	186	301	125	64	1,673	665	788	646	420	190	287	49	26	26	151	726	
2003	108	511	425	159	324	176	282	103	72	1,650	626	764	659	447	203	268	44	26	47	162	700	
2nd Quarter																						
1998	93	502	375	149	308	185	319	117	54	1,831	686	802	610	518	183	225	48	27	84	277	628	
1999	78	528	348	150	297	174	285	115	68	1,758	613	790	599	443	185	220	51	28	120	272	655	
2000	86	489	368	167	308	187	288	102	70	1,663	671	745	571	367	183	273	44	32	97	272	667	
2001	78	465	309	141	293	134	288	98	67	1,501	679	746	593	361	175	250	47	30	76	246	683	
2002	83	496	371	132	332	196	258	113	76	1,591	619	760	563	389	205	255	53	29	105	311	743	
2003	71	474	379	147	306	173	268	102	64	1,461	608	667	543	365	214	264	54	27	63	278	675	
3rd Quarter																						
1998	96	490	349	166	275	156	276	93	45	1,688	556	761	437	364	126	216	47	34	100	264	648	
1999	80	488	331	154	296	141	262	107	63	1,419	590	627	495	298	141	225	51	26	68	194	589	
2000	90	472	365	176	284	170	292	86	55	1,509	564	632	457	314	137	237	50	28	74	212	628	
2001	94	521	363	170	319	179	277	81	55	1,430	596	653	456	326	141	249	40	41	90	270	623	
2002	80	513	380	164	315	143	318	87	55	1,481	560	657	447	292	158	252	53	23	88	253	622	
2003	83	512	399	159	308	126	273	104	69	1,250	485	631	470	277	152	247	51	34	85	286	638	
4th Quarter																						
1998	76	446	385	136	313	141	289	96	63	1,634	544	685	506	361	127	222	55	32	134	314	658	
1999	89	489	345	156	289	161	314	105	69	1,512	624	749	521	352	166	248	37	27	113	350	678	
2000	85	457	385	149	298	141	282	86	54	1,342	588	657	459	334	143	239	38	29	104	305	654	
2001	77	495	392	172	313	163	294	96	48	1,350	603	662	451	308	162	287	53	26	129	391	698	
2002	99	472	331	157	316	150	280	89	61	1,337	549	659	519	317	184	233	51	33	120	327	694	
2003																						
Year																						
1998	351	1,950	1,526	608	1,190	670	1,198	410	257	7,218	2,580	3,136	2,244	1,890	639	971	198	133	413	1,127	2,643	
1999	347	1,997	1,434	643	1,179	671	1,183	453	271	6,876	2,693	3,156	2,597	1,839	768	1,007	190	122	397	1,095	2,765	
2000	349	1,969	1,532	647	1,229	669	1,168	402	275	6,629	2,747	3,009	2,523	1,726	753	1,048	200	115	325	1,024	2,776	
2001	334	2,021	1,483	690	1,232	659	1,158	399	242	6,149	2,608	2,915	2,231	1,459	722	1,016	184	132	357	1,099	2,722	
2002	332	1,960	1,474	612	1,289	675	1,157	414	256	6,082	2,393	2,864	2,175	1,418	737	1,027	206	111	339	1,042	2,785	
2003																						

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

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 - 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

Estimated Population classified by Sex and Age Group, 1996 - 2003

Sex and Age Group	Persons in April of each year							
	1996 ¹	1997	1998	1999	2000	2001	2002 ¹	2003 ²
000								
Persons								
0 - 4 years	250.4	250.0	253.7	259.8	266.2	273.2	277.6	284.9
5 - 9 "	282.9	277.9	273.8	270.6	266.7	263.7	264.1	268.2
10 - 14 "	326.1	318.0	308.3	300.2	295.1	290.6	285.7	281.0
15 - 19 "	339.5	343.7	343.7	338.5	329.4	320.4	313.2	306.9
20 - 24 "	293.4	297.2	299.1	303.9	311.9	317.6	328.3	335.9
25 - 29 "	259.0	264.4	272.4	279.7	289.4	300.8	312.7	318.5
30 - 34 "	260.9	265.1	267.9	271.9	277.5	288.6	304.7	313.4
35 - 39 "	255.7	260.7	267.1	273.5	280.2	285.1	290.9	294.5
40 - 44 "	240.4	247.4	251.3	255.7	260.5	267.6	272.0	278.1
45 - 49 "	225.4	228.2	232.8	234.6	239.1	243.9	249.6	253.2
50 - 54 "	186.6	198.3	207.9	217.5	225.0	228.2	230.8	234.8
55 - 59 "	153.8	156.1	162.4	168.2	174.3	185.8	197.3	206.7
60 - 64 "	137.9	140.9	142.3	145.5	149.7	151.7	154.3	160.4
65 - 69 "	126.8	126.7	128.2	128.8	129.3	130.8	133.5	135.1
70 - 74 "	112.5	112.8	111.7	111.1	111.3	111.8	112.1	113.6
75 - 79 "	84.1	85.0	88.3	89.1	88.9	89.2	89.8	89.6
80 - 84 "	55.8	55.8	54.6	54.6	55.8	57.6	58.9	61.5
85 years and over	34.7	35.8	37.4	38.3	39.4	40.4	41.7	42.8
Total	3,626.1	3,664.3	3,703.1	3,741.6	3,789.5	3,847.2	3,917.2	3,978.9
Males								
0 - 4 years	128.7	128.7	130.8	134.0	137.2	140.4	142.0	145.6
5 - 9 "	145.3	142.2	140.3	138.7	136.6	135.5	135.9	137.7
10 - 14 "	167.4	163.5	158.3	154.1	151.3	149.0	146.1	144.2
15 - 19 "	174.0	176.2	175.7	173.8	168.9	164.3	160.4	157.0
20 - 24 "	149.1	151.3	152.3	153.6	157.4	160.5	165.3	168.2
25 - 29 "	129.4	132.0	136.6	140.5	146.0	151.2	156.1	159.4
30 - 34 "	127.7	129.9	131.8	133.9	137.5	144.2	152.4	157.2
35 - 39 "	126.1	128.7	131.8	135.2	138.2	141.2	144.5	146.5
40 - 44 "	120.1	123.3	125.0	127.5	129.7	133.0	135.3	138.2
45 - 49 "	113.8	114.8	116.7	117.6	119.8	122.4	125.0	126.5
50 - 54 "	94.8	100.8	105.8	110.4	114.1	115.5	116.6	118.2
55 - 59 "	77.8	79.2	82.2	85.2	88.2	94.0	99.8	104.9
60 - 64 "	68.7	70.2	70.9	72.5	74.8	75.9	77.6	80.6
65 - 69 "	60.3	60.9	62.2	63.0	63.3	64.0	65.3	66.0
70 - 74 "	50.1	50.2	49.8	49.7	50.3	51.1	51.7	53.1
75 - 79 "	35.2	35.6	36.8	37.0	36.9	37.1	37.4	37.3
80 - 84 "	21.1	20.9	20.5	20.4	21.0	21.7	22.3	23.2
85 years and over	10.6	11.0	11.4	11.5	11.8	12.2	12.5	12.9
Total	1,800.2	1,819.4	1,838.9	1,858.6	1,882.9	1,913.1	1,946.2	1,976.7
Females								
0 - 4 years	121.7	121.3	122.9	125.8	128.9	132.8	135.6	139.3
5 - 9 "	137.6	135.7	133.6	131.9	130.1	128.2	128.2	130.4
10 - 14 "	158.7	154.5	150.1	146.2	143.8	141.6	139.6	136.9
15 - 19 "	165.6	167.6	168.0	164.7	160.5	156.2	152.8	149.9
20 - 24 "	144.2	145.9	146.7	150.3	154.5	157.1	163.0	167.6
25 - 29 "	129.7	132.5	135.8	139.3	143.3	149.6	156.6	159.0
30 - 34 "	133.2	135.2	136.1	138.0	140.0	144.4	152.3	156.2
35 - 39 "	129.5	132.0	135.3	138.3	142.0	143.9	146.4	148.0
40 - 44 "	120.4	124.0	126.3	128.2	130.8	134.6	136.7	139.9
45 - 49 "	111.6	113.4	116.1	117.1	119.3	121.5	124.6	126.7
50 - 54 "	91.8	97.6	102.1	107.1	110.8	112.7	114.3	116.6
55 - 59 "	76.0	76.9	80.3	83.0	86.1	91.8	97.5	101.8
60 - 64 "	69.3	70.8	71.5	73.0	74.9	75.8	76.7	79.8
65 - 69 "	66.6	65.8	66.0	65.9	66.0	66.8	68.2	69.2
70 - 74 "	62.4	62.6	62.0	61.4	61.0	60.8	60.4	60.5
75 - 79 "	48.9	49.4	51.6	52.1	52.0	52.1	52.4	52.2
80 - 84 "	34.7	34.9	34.2	34.2	34.8	35.9	36.6	38.2
85 years and over	24.1	24.9	26.0	26.8	27.6	28.2	29.2	29.8
Total	1,825.9	1,844.9	1,864.2	1,883.0	1,906.6	1,934.1	1,971.0	2,002.2

¹ Census of Population

² Preliminary