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First Quarter

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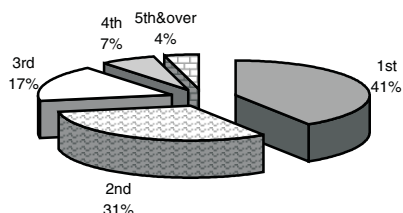
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First Quarter 2003

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 15,238 births registered in quarter 1 of 2003, 7,824 males and 7,414 females, an increase of 266 on the quarter 1 figure of 2002. The quarter 1 2003 total is 26% higher than in 1994 when 12,067 babies were registered.

This represents an annual birth rate of 15.6 per 1,000 of the population, the same as quarter 1 of 2002. This rate is 2.1 per 1,000 population higher than in 1994.

Birth order

A total of 6,158 births (40.7%) were to first time mothers in quarter 1 of 2003. Second time mothers had 4,764 births (31.5%). On the other hand, only 27.8% of mothers already had two or more live born children, reflecting the trend towards smaller family sizes (see table 3). This compares to 4,138 (34.6%) first births registered in quarter 1 1994.

Births outside marriage

There were 5,080 births registered as outside marriage in quarter 1 of 2003. This accounted for 33.3% of all births, an increase of 0.7% on quarter 1 2002. The highest percentage of births outside marriage occurred in Limerick C.B. at 50.6%, while the county with the lowest percentage was Leitrim at 20% (see table 6). In quarter 1 1994 2,463 births were registered outside marriage or 20.4% of all births.

Deaths

There were 7,756 deaths registered in quarter 1 2003, 3,931 males and 3,825 females, an increase of 7 on the quarter 1 figure 2002. The quarter 1 2003 total is 9% lower than in 1994 when 8,551 deaths were registered.

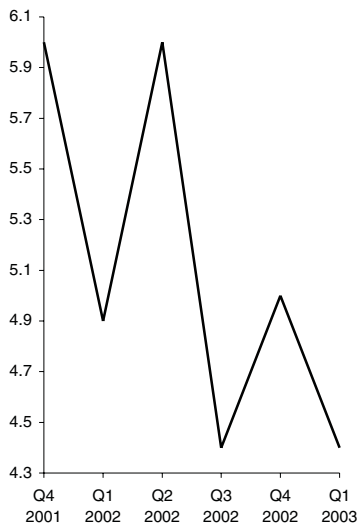
This represents an annual death rate of 7.9 per 1,000 population, 0.2 below quarter 1 2002. This rate is 1.7 per 1,000 population lower than in 1994.

Age at death

There were 67 infant deaths registered in quarter 1 2003, a decrease of 6 on the quarter 1 figure 2002. The quarter 1 2003 total is 4% lower than in 1994 when 70 infant deaths were registered.

Neonatal deaths are deaths of infants at ages under 4 weeks. There were 52 neonatal deaths registered in quarter 1 2003, an increase of 1 on the quarter 1 figure 2002. The quarter 1 total is 24% higher than in 1994 when 42 neonatal deaths were registered.

In quarter 1 2003 the infant mortality rate of 4.4 per 1,000 live births was 0.5 below quarter 1 2002. This rate is 1.4 per 1,000 live births lower than in 1994.

Infant mortality rate

The neonatal mortality rate per 1,000 live births in quarter 1 2003 was 3.4, the same as quarter 1 2002 and 0.1 below quarter 1 1994.

There were 6,259 deaths of persons aged 65 and over registered in quarter 1 2003, a decrease of 22 on the quarter 1 figure 2002. The quarter 1 2003 total is 11% lower than in 1994 when 7,026 deaths were registered.

This represents an annual death rate of 57.5 per 1,000 population aged 65 and over. This rate is 11.4 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 3,112 deaths, or an annual rate of 3.2 per 1,000 population. Of these 1,650 were due to Ischaemic Heart Disease and 626 to Cerebrovascular Disease.

- **Malignant Neoplasms:**

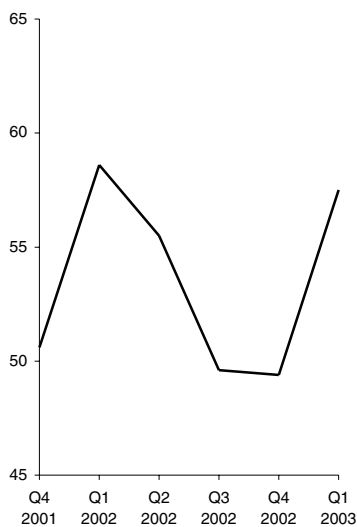
There were 1,985 deaths from malignant neoplasms. This is equivalent to an annual rate of 2.0 per 1,000 population. Of these 619 were due to malignant neoplasms of the digestive system and 425 to malignant neoplasms of the trachea, bronchus and lung.

- **Diseases of the Respiratory System:**

Deaths from pneumonia numbered 659; bronchitis, emphysema and asthma (including chronic obstructive airways disease) accounted for 447 deaths; 203 deaths resulted from other respiratory diseases.

- **Injury and Poisoning:**

There were 47 deaths from injuries received in motor vehicle accidents (including non-traffic accidents) while all other injuries and poisonings accounted for 162 deaths.

Death rates 65 & over

Methodology

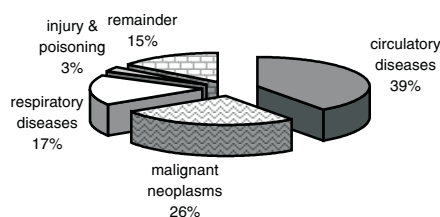
Deaths are coded according to the 9th revision of the International Statistical Classification of Diseases, Injuries and Causes of death.

Marriages

The number of marriages registered during the quarter was 2,571 equivalent to an annual marriage rate of 2.6 per 1,000 population, 0.2 above the corresponding quarter of 2002. This was an increase of 233 on the number of marriages registered in quarter 1 2002.

Population

The total from the Census of Population 2002 was 3,917,203 persons.

Principal causes of death

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	65 & over	
Quarter 1									
1994	1725	12067	4138	2463	29.9	8551	70	7026	3516
1995	1751	12516	4428	2662	29.8	9165	70	7466	3351
1996	1974	12749	4762	3139	30.0	9248	67	7592	3501
1997	1665	12980	5032	3656	29.9	9235	87	7541	3745
1998	1642	13405	5209	3872	30.0	8927	82	7244	4478
1999	2064	13388	5491	4275	30.0	9867	80	8104	3521
2000	2200	13984	5693	4656	30.0	9804	86	8062	4180
2001	2168	14785	5963	4877	30.1	8408	81	6747	6377
2002	2338	14972	6127	4877	30.3	7749	73	6281	7223
2003	2571	15238	6158	5080	30.3	7756	67	6259	7482
Quarter 2									
1994	4056	12204	4129	2263	30.0	7807	69	6200	4397
1995	3711	12579	4498	2432	30.0	8004	89	6471	4575
1996	3653	12175	4316	2844	30.0	7790	59	6351	4385
1997	3577	13679	5040	3447	30.2	8104	80	6434	5575
1998	3689	13729	5181	3671	30.1	8021	88	6421	5708
1999	4577	13585	5299	4053	30.2	7777	79	6155	5808
2000	4670	13794	5427	4260	30.3	7650	77	5974	6144
2001	4533	14303	5615	4307	30.5	7260	74	5808	7043
2002	4994	15247	5858	4672	30.5	7680	91	6074	7567
2003									
Quarter 3									
1994	7361	12171	4321	2397	29.8	7213	78	5661	4958
1995	6451	12488	4660	2804	30.1	6835	71	5350	5653
1996	6868	13015	4999	3274	30.0	7235	81	5729	5780
1997	7011	14211	5442	3723	30.2	7090	80	5505	7121
1998	7530	14027	5552	3896	30.1	7187	72	5625	6840
1999	7342	13840	5635	4323	30.0	6645	70	5218	7195
2000	7593	13967	5641	4451	30.2	6832	89	5372	7135
2001	7557	14688	5901	4472	30.3	6974	97	5403	7714
2002	7934	15593	6333	4855	30.4	6941	68	5391	8652
2003									
Quarter 4									
1994	3479	11487	4262	2335	30.0	7173	67	5654	4314
1995	3691	10947	4083	2489	30.1	7490	77	5875	3457
1996	3679	12451	4910	3227	29.9	7241	71	5631	5210
1997	3378	11441	4584	3068	30.0	7176	77	5613	4265
1998	3922	12390	5053	3683	30.1	7217	88	5566	5173
1999	4543	12541	5139	3810	30.2	7394	64	5815	5147
2000	4705	12494	5236	3868	30.2	6829	70	5324	5665
2001	4988	14106	5915	4393	30.3	7170	85	5422	6936
2002	4781	14709	5989	4411	30.5	6978	74	5378	7731
2003									
Total									
1994	16621	47929	16861	9450	29.9	30744	284	24541	17185
1995	15604	48530	17673	10788	30.0	31494	307	25162	17036
1996	16174	50390	18987	12484	30.0	31514	278	25303	18876
1997	15631	52311	20094	13892	30.1	31605	324	25093	20706
1998	16783	53551	20995	15133	30.1	31352	330	24856	22199
1999	18526	53354	21564	16461	30.1	31683	293	25292	21671
2000	19168	54239	21997	17235	30.2	31115	322	24732	23124
2001	19246	57882	23394	18049	30.3	29812	337	23380	28070
2002	20047	60521	24307	18815	30.4	29348	306	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	65 & over	
Quarter 1								
1994	1.9	13.5	34.6	20.4	9.6	5.8	68.9	3.9
1995	2.0	14.0	35.6	21.3	10.2	5.6	73.1	3.7
1996	2.2	14.2	37.5	24.6	10.3	5.3	73.8	3.9
1997	1.8	14.3	38.8	28.2	10.2	6.7	72.9	4.1
1998	1.8	14.6	39.0	28.9	9.8	6.1	69.6	4.9
1999	2.2	14.5	41.1	31.9	10.7	6.0	77.1	3.8
2000	2.3	14.9	40.9	33.3	10.5	6.1	76.5	4.5
2001	2.3	15.6	40.5	33.0	8.9	5.5	63.7	6.7
2002	2.4	15.6	41.2	32.6	8.1	4.9	58.6	7.5
2003	2.6	15.6	40.7	33.3	7.9	4.4	57.5 ³	7.6
Quarter 2								
1994	4.5	13.6	34.6	18.5	8.7	5.7	60.7	4.9
1995	4.1	14.0	35.8	19.3	8.9	7.1	62.9	5.1
1996	4.0	13.4	35.5	23.4	8.6	4.8	61.4	4.8
1997	3.9	14.9	36.9	25.2	8.9	5.8	61.8	6.1
1998	4.0	14.8	37.9	26.7	8.7	6.4	61.1	6.2
1999	4.9	14.5	39.2	29.8	8.3	5.8	58.4	6.2
2000	4.9	14.6	39.5	30.9	8.1	5.6	56.4	6.5
2001	4.7	14.9	39.5	30.1	7.6	5.2	54.2	7.3
2002	5.1	15.6	38.8	30.6	7.8	6.0	55.8 ³	7.7
2003								
Quarter 3								
1994	8.2	13.6	35.9	19.7	8.0	6.4	55.4	5.5
1995	7.2	13.9	37.4	22.5	7.6	5.7	52.0	6.3
1996	7.6	14.4	38.5	25.2	8.0	6.2	55.4	6.4
1997	7.7	15.5	38.4	26.2	7.7	5.6	52.9	7.8
1998	8.1	15.1	39.7	27.8	7.8	5.1	53.5	7.4
1999	7.8	14.8	40.9	31.2	7.1	5.1	49.5	7.7
2000	8.0	14.8	40.6	31.9	7.2	6.4	50.7	7.5
2001	7.9	15.3	40.4	30.4	7.3	6.6	50.4	8.0
2002	8.1	15.9	41.0	31.1	7.1	4.4	49.6 ³	8.8
2003								
Quarter 4								
1994	3.9	12.8	37.5	20.3	8.0	5.8	55.3	4.8
1995	4.1	12.2	37.4	22.7	8.3	7.0	57.1	3.8
1996	4.1	13.7	39.5	25.9	8.0	5.7	54.4	5.7
1997	3.7	12.5	40.2	26.8	7.8	6.7	53.9	4.7
1998	4.2	13.4	41.0	29.7	7.8	7.1	53.0	5.6
1999	4.9	13.4	41.1	30.4	7.9	5.1	55.2	5.5
2000	5.0	13.2	42.1	31.0	7.2	5.6	50.2	6.0
2001	5.2	14.7	42.2	31.1	7.5	6.0	50.6	7.2
2002	4.9	15.0	41.2	30.0	7.1	5.0	49.4 ³	7.9
2003								
Total								
1994	4.6	13.4	35.6	19.7	8.6	5.9	60.1	4.8
1995	4.3	13.5	36.5	22.2	8.7	6.3	61.2	4.7
1996	4.5	13.9	37.8	24.8	8.7	5.5	61.1	5.2
1997	4.3	14.3	38.5	26.6	8.6	6.2	60.2	5.7
1998	4.5	14.5	39.4	28.3	8.5	6.2	59.2	6.0
1999	4.9	14.2	40.6	30.9	8.5	5.5	60.0	5.8
2000	5.1	14.3	40.8	31.8	8.2	5.9	58.3	6.1
2001	5.0	15.1	40.7	31.2	7.8	5.8	54.5	7.3
2002	5.1	15.5	40.5	31.1	7.5	5.1	53.1 ³	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 2002 Population estimate

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	7,824	7,414	15,238	5,080	6,158	4,764	2,586	984	376	262	108
15 and under	9	10	19	19	19	-	-	-	-	-	-
16	21	21	42	42	41	1	-	-	-	-	-
17	63	55	118	112	109	7	-	-	-	-	2
18	119	102	221	207	203	15	1	-	-	-	2
19	203	169	372	332	315	52	3	-	-	-	2
Under 20	415	357	772	712	687	75	4	-	-	-	6
20	192	210	402	345	317	66	13	-	-	-	6
21	238	194	432	350	283	119	19	4	2	-	5
22	236	220	456	360	263	145	36	9	2	-	1
23	252	225	477	342	263	149	52	6	-	-	7
24	273	241	514	333	258	182	55	15	2	-	2
20-24	1,191	1,090	2,281	1,730	1,384	661	175	34	6	-	21
25	293	273	566	324	265	196	68	20	9	2	6
26	333	320	653	306	289	233	95	23	9	2	2
27	383	335	718	257	326	228	102	34	16	8	4
28	423	394	817	230	365	284	109	37	13	5	4
29	479	492	971	227	427	331	125	54	18	9	7
25-29	1,911	1,814	3,725	1,344	1,672	1,272	499	168	65	26	23
30	515	473	988	214	431	319	142	54	27	10	5
31	535	508	1,043	180	410	355	175	59	19	20	5
32	476	549	1,025	154	340	359	218	72	24	9	3
33	523	477	1,000	148	266	407	208	69	27	20	3
34	480	432	912	109	256	332	196	78	28	19	3
30-34	2,529	2,439	4,968	805	1,703	1,772	939	332	125	78	19
35	428	412	840	109	196	264	227	101	25	24	3
36	340	336	676	78	147	200	204	76	25	17	7
37	282	277	559	83	100	153	180	70	33	21	2
38	237	233	470	56	84	130	144	62	20	26	4
39	163	164	327	53	68	87	78	51	30	13	-
35-39	1,450	1,422	2,872	379	595	834	833	360	133	101	16
40 and over	286	264	550	88	96	135	130	85	46	55	3
Age not stated	42	28	70	22	21	15	6	5	1	2	20

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	505	1,336	2,133	2,788	1,619	297	18	8,696	30.2	27.7
Carlow	11	32	45	64	29	5	-	186	29.8	27.3
Dublin County Borough	150	354	458	485	315	57	1	1,820	29.2	27.0
South Dublin	76	216	267	352	219	32	-	1,162	29.8	27.3
Fingal	50	142	258	388	217	28	-	1,083	30.6	28.3
Dun Laoghaire Rathdown	15	54	92	209	141	39	-	550	32.3	29.9
Kildare	37	109	207	293	166	26	1	839	30.6	28.5
Kilkenny	10	30	55	92	58	13	1	259	31.4	29.6
Laois	15	34	70	77	35	9	4	244	29.9	27.1
Longford	4	22	35	41	19	4	3	128	29.7	28.4
Louth	21	67	138	133	52	12	1	424	29.4	27.4
Meath	29	56	150	210	118	18	2	583	30.9	27.9
Offaly	16	43	58	70	44	9	-	240	29.8	26.9
Westmeath	21	43	73	111	50	15	2	315	30.4	28.3
Wexford	29	71	115	117	62	11	3	408	29.2	26.8
Wicklow	21	63	112	146	94	19	-	455	30.6	27.8
MUNSTER	169	605	974	1,374	776	152	46	4,096	30.5	28.1
Clare	15	46	109	156	96	16	5	443	31.0	29.1
Cork County Borough	28	103	105	130	60	13	2	441	28.9	26.2
Cork County	28	136	279	472	269	44	9	1,237	31.4	29.1
Kerry	15	61	91	144	86	19	4	420	31.0	28.6
Limerick County Borough	21	50	56	51	43	10	2	233	29.0	26.1
Limerick County	19	53	106	150	92	18	9	447	30.9	28.6
Tipperary North Riding	12	31	51	77	31	16	4	222	30.6	28.1
Tipperary South Riding	10	57	65	79	41	10	8	270	29.6	27.1
Waterford Co. Borough	14	39	59	44	23	3	-	182	28.4	26.1
Waterford County	7	29	53	71	35	3	3	201	30.3	27.5
CONNACHT	52	208	396	534	330	74	2	1,596	31.0	28.5
Galway County Borough	7	49	81	72	51	9	-	269	30.0	27.8
Galway County	17	58	132	206	121	28	1	563	31.4	29.2
Leitrim	3	13	19	35	10	5	-	85	30.8	27.4
Mayo	15	52	90	114	81	14	1	367	30.9	28.3
Roscommon	3	13	30	49	29	8	-	132	31.6	29.2
Sligo	7	23	44	58	38	10	-	180	30.9	27.6
ULSTER (PART OF)	46	132	222	272	147	27	4	850	30.0	27.1
Cavan	11	29	39	73	33	8	3	196	30.5	28.0
Donegal	29	80	136	147	88	16	-	496	29.8	26.4
Monaghan	6	23	47	52	26	3	1	158	30.0	27.9
STATE	772	2,281	3,725	4,968	2,872	550	70	15,238	30.3	27.9
REGIONAL AUTHORITIES:										
Border	77	235	423	498	247	54	5	1,539	30.0	27.3
Midland	56	142	236	299	148	37	9	927	30.0	27.6
West	42	172	333	441	282	59	2	1,331	31.0	28.7
Dublin	291	766	1,075	1,434	892	156	1	4,615	30.1	27.6
Mid-East	87	228	469	649	378	63	3	1,877	30.7	28.2
Mid-West	67	180	322	434	262	60	20	1,345	30.6	28.2
South-East	81	258	392	467	248	45	15	1,506	29.8	27.4
South-West	71	300	475	746	415	76	15	2,098	30.8	28.3
HEALTH BOARDS:										
ERHA	349	938	1,394	1,873	1,152	201	2	5,909	30.2	27.8
Midland	56	142	236	299	148	37	9	927	30.0	27.6
Mid Western	67	180	322	434	262	60	20	1,345	30.6	28.2
North Eastern	67	175	374	468	229	41	7	1,361	30.3	27.8
North Western	39	116	199	240	136	31	-	761	30.2	26.8
South Eastern	81	258	392	467	248	45	15	1,506	29.8	27.4
Southern	71	300	475	746	415	76	15	2,098	30.8	28.3
Western	42	172	333	441	282	59	2	1,331	31.0	28.7

Table 5 Births registered outside marriage, 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	463	1,020	846	498	244	60	8	3,139	26.3	24.5
Carlow	11	26	17	14	6	-	-	74	26.1	25.0
Dublin County Borough	136	257	243	134	80	17	-	867	26.5	24.6
South Dublin	65	178	116	76	25	10	-	470	25.9	24.1
Fingal	47	102	79	53	29	6	-	316	26.6	24.3
Dun Laoghaire Rathdown	14	41	30	26	19	6	-	136	27.9	26.3
Kildare	35	78	71	32	17	4	-	237	26.1	24.6
Kilkenny	10	27	22	9	10	1	1	80	26.6	25.3
Laois	14	24	24	10	4	1	2	79	25.5	22.9
Longford	4	14	7	2	-	-	3	30	23.7	22.9
Louth	21	50	42	23	5	3	1	145	25.7	24.3
Meath	24	43	42	31	11	2	-	153	26.5	24.5
Offaly	15	35	22	15	4	-	-	91	25.4	23.6
Westmeath	21	33	21	19	2	3	-	99	25.6	23.7
Wexford	26	56	55	30	13	3	1	184	26.2	24.5
Wicklow	20	56	55	24	19	4	-	178	26.9	25.2
MUNSTER	156	470	343	216	100	17	11	1,313	26.3	24.5
Clare	15	39	41	27	14	3	1	140	27.3	25.5
Cork County Borough	24	80	46	32	16	-	1	199	25.8	23.7
Cork County	28	101	79	62	25	5	2	302	26.9	25.1
Kerry	14	43	32	26	10	3	-	128	26.9	25.6
Limerick County Borough	19	44	29	16	8	1	1	118	25.3	23.8
Limerick County	16	41	28	13	6	1	2	107	25.7	24.3
Tipperary North Riding	11	25	18	11	4	1	2	72	26.0	23.7
Tipperary South Riding	10	47	24	12	8	1	1	103	25.5	23.6
Waterford Co. Borough	12	26	26	6	7	1	-	78	25.6	24.1
Waterford County	7	24	20	11	2	1	1	66	26.1	24.4
CONNACHT	47	143	100	56	26	9	-	381	26.1	24.4
Galway County Borough	5	37	27	12	6	-	-	87	26.0	24.4
Galway County	16	42	30	26	8	3	-	125	26.4	25.0
Leitrim	3	7	5	1	1	-	-	17	25.2	24.1
Mayo	13	34	15	8	4	4	-	78	25.6	23.6
Roscommon	3	7	9	5	3	1	-	28	27.9	25.2
Sligo	7	16	14	4	4	1	-	46	25.8	23.7
ULSTER (PART OF)	46	97	55	35	9	2	3	247	24.8	23.6
Cavan	11	22	9	10	2	-	2	56	25.0	24.3
Donegal	29	59	31	17	7	1	-	144	24.5	22.9
Monaghan	6	16	15	8	-	1	1	47	25.7	24.9
STATE	712	1,730	1,344	805	379	88	22	5,080	26.2	24.4
REGIONAL AUTHORITIES:										
Border	77	170	116	63	19	6	4	455	25.2	23.8
Midland	54	106	74	46	10	4	5	299	25.3	23.4
West	37	120	81	51	21	8	-	318	26.2	24.5
Dublin	262	578	468	289	153	39	-	1,789	26.5	24.6
Mid-East	79	177	168	87	47	10	-	568	26.4	24.7
Mid-West	61	149	116	67	32	6	6	437	26.2	24.3
South-East	76	206	164	82	46	7	4	585	26.0	24.4
South-West	66	224	157	120	51	8	3	629	26.5	24.7
HEALTH BOARDS:										
ERHA	317	712	594	345	189	47	-	2,204	26.4	24.6
Midland	54	106	74	46	10	4	5	299	25.3	23.4
Mid Western	61	149	116	67	32	6	6	437	26.2	24.3
North Eastern	62	131	108	72	18	6	4	401	25.9	24.5
North Western	39	82	50	22	12	2	-	207	24.9	23.2
South Eastern	76	206	164	82	46	7	4	585	26.0	24.4
Southern	66	224	157	120	51	8	3	629	26.5	24.7
Western	37	120	81	51	21	8	-	318	26.2	24.5

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	8,483	4,417	4,279	8,696	16.5	36.1
Carlow	-	93	93	186	16.2	39.8
Dublin County Borough	5,787	961	859	1,820	14.7	47.6
South Dublin	2	574	588	1,162	19.5	40.4
Fingal	-	551	532	1,083	22.1	29.2
Dun Laoghaire Rathdown	386	291	259	550	11.5	24.7
Kildare	6	436	403	839	20.5	28.2
Kilkenny	343	121	138	259	12.9	30.9
Laois	359	125	119	244	16.6	32.4
Longford	1	70	58	128	16.5	23.4
Louth	806	190	234	424	16.7	34.2
Meath	4	286	297	583	17.4	26.2
Offaly	1	112	128	240	15.1	37.9
Westmeath	419	163	152	315	17.5	31.4
Wexford	363	213	195	408	14.0	45.1
Wicklow	6	231	224	455	15.9	39.1
MUNSTER	4,074	2,154	1,942	4,096	14.9	32.1
Clare	6	217	226	443	17.2	31.6
Cork County Borough	1,760	249	192	441	14.3	45.1
Cork County	23	660	577	1,237	15.2	24.4
Kerry	357	231	189	420	12.7	30.5
Limerick County Borough	1,151	118	115	233	17.2	50.6
Limerick County	-	220	227	447	14.7	23.9
Tipperary North Riding	-	123	99	222	14.6	32.4
Tipperary South Riding	239	139	131	270	13.6	38.1
Waterford Co. Borough	538	96	86	182	16.3	42.9
Waterford County	-	101	100	201	14.1	32.8
CONNACHT	1,904	811	785	1,596	13.7	23.9
Galway County Borough	797	132	137	269	16.3	32.3
Galway County	452	285	278	563	15.7	22.2
Leitrim	1	43	42	85	13.2	20.0
Mayo	340	205	162	367	12.5	21.3
Roscommon	-	62	70	132	9.8	21.2
Sligo	314	84	96	180	12.4	25.6
ULSTER (PART OF)	777	442	408	850	13.8	29.1
Cavan	335	108	88	196	13.9	28.6
Donegal	442	250	246	496	14.4	29.0
Monaghan	-	84	74	158	12.0	29.7
STATE	15,238	7,824	7,414	15,238	15.6	33.3
REGIONAL AUTHORITIES:						
Border	1,898	759	780	1,539	14.2	29.6
Midland	780	470	457	927	16.5	32.3
West	1,589	684	647	1,331	14.0	23.9
Dublin	6,175	2,377	2,238	4,615	16.4	38.8
Mid-East	16	953	924	1,877	18.2	30.3
Mid-West	1,157	678	667	1,345	15.8	32.5
South-East	1,483	763	743	1,506	14.2	38.8
South-West	2,140	1,140	958	2,098	14.5	30.0
HEALTH BOARDS:						
ERHA	6,187	3,044	2,865	5,909	16.9	37.3
Midland	780	470	457	927	16.5	32.3
Mid Western	1,157	678	667	1,345	15.8	32.5
North Eastern	1,145	668	693	1,361	15.8	29.5
North Western	757	377	384	761	13.7	27.2
South Eastern	1,483	763	743	1,506	14.2	38.8
Southern	2,140	1,140	958	2,098	14.5	30.0
Western	1,589	684	647	1,331	14.0	23.9

(a) Equivalent annual rates based on Census of population (2002) figures

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	3,890	1,899	1,973	3,872	7.4	3,094
Carlow	61	41	57	98	8.5	82
Dublin County Borough	1,811	576	653	1,229	9.9	1,005
South Dublin	159	96	125	221	3.7	147
Fingal	38	112	104	216	4.4	155
Dun Laoghaire Rathdown	237	153	180	333	6.9	278
Kildare	211	129	120	249	6.1	193
Kilkenny	171	87	85	172	8.6	143
Laois	109	64	53	117	8.0	97
Longford	51	41	47	88	11.3	72
Louth	231	98	99	197	7.7	156
Meath	169	113	94	207	6.2	163
Offaly	128	52	65	117	7.4	102
Westmeath	155	84	74	158	8.8	124
Wexford	222	135	108	243	8.3	202
Wicklow	137	118	109	227	7.9	175
MUNSTER	2,298	1,206	1,077	2,283	8.3	1,847
Clare	180	121	99	220	8.5	174
Cork County Borough	512	135	132	267	8.7	216
Cork County	442	342	308	650	8.0	528
Kerry	278	162	142	304	9.2	257
Limerick County Borough	72	67	55	122	9.0	79
Limerick County	297	109	110	219	7.2	176
Tipperary North Riding	133	89	68	157	10.3	131
Tipperary South Riding	150	79	60	139	7.0	113
Waterford Co. Borough	167	42	41	83	7.4	67
Waterford County	67	60	62	122	8.6	106
CONNACHT	1,068	540	526	1,066	9.2	886
Galway County Borough	254	38	41	79	4.8	55
Galway County	198	170	171	341	9.5	286
Leitrim	50	47	26	73	11.3	64
Mayo	293	167	154	321	10.9	263
Roscommon	119	57	65	122	9.1	109
Sligo	154	61	69	130	8.9	109
ULSTER (PART OF)	500	286	249	535	8.7	432
Cavan	129	63	60	123	8.7	103
Donegal	295	179	134	313	9.1	247
Monaghan	76	44	55	99	7.5	82
STATE	7,756	3,931	3,825	7,756	7.9	6,259
REGIONAL AUTHORITIES:						
Border	935	492	443	935	8.6	761
Midland	443	241	239	480	8.5	395
West	864	432	431	863	9.1	713
Dublin	2,245	937	1,062	1,999	7.1	1,585
Mid-East	517	360	323	683	6.6	531
Mid-West	682	386	332	718	8.5	560
South-East	838	444	413	857	8.1	713
South-West	1,232	639	582	1,221	8.4	1,001
HEALTH BOARDS:						
ERHA	2,593	1,184	1,291	2,475	7.1	1,953
Midland	443	241	239	480	8.5	395
Mid Western	682	386	332	718	8.5	560
North Eastern	605	318	308	626	7.3	504
North Western	499	287	229	516	9.3	420
South Eastern	838	444	413	857	8.1	713
Southern	1,232	639	582	1,221	8.4	1,001
Western	864	432	431	863	9.1	713

(a) Equivalent annual rates per 1,000 Census of Population (2002) figures.

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			7,756	3,931	3,825	71	19	86	85	152	351	733	1,500	2,697	2,062
Infectious and parasitic diseases:-	001-139	01-07	40	19	21	1	1	1	-	5	2	5	6	12	7
Intestinal infectious diseases	001-009	01	5	-	5	-	-	-	-	-	-	-	1	2	2
Tuberculosis	010-018	02	3	3	-	-	-	-	-	-	-	-	1	2	-
Whooping cough	033	034	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection	036	036	3	-	3	1	1	1	-	-	-	-	-	-	-
Tetanus	037	037	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicaemia	038	038	7	4	3	-	-	-	-	-	-	1	1	4	1
Smallpox	050	041	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	055	042	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	084	052	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases	Rem(001-139)		22	12	10	-	-	-	-	5	2	4	3	4	4
Malignant neoplasms:-	140-208	08-14	1,985	1,030	955	2	5	8	19	47	154	320	548	630	252
of stomach	151	091	108	55	53	-	-	-	-	2	11	12	32	35	16
colon	153	093	166	87	79	-	-	-	2	1	11	18	52	58	24
rectum , rectosigmoid junction and anus	154	094	66	37	29	-	-	-	-	-	3	7	24	19	13
trachea , bronchus & lung	162	101	425	250	175	-	-	-	-	4	32	89	124	151	25
female breast	174	113	159	-	159	-	-	-	2	11	16	39	36	35	20
cervix uteri	180	120	16	-	16	-	-	-	1	3	3	4	1	4	-
Leukaemia	204-208	141	70	45	25	-	4	-	-	1	2	11	19	23	10
Other malignant neoplasms	Rem(140-208)		975	556	419	2	1	8	14	25	76	140	260	305	144
Diabetes mellitus	250	181	103	55	48	-	-	-	-	2	2	6	22	41	30
Nutritional marasmus	261	191	-	-	-	-	-	-	-	-	-	-	-	-	-
Other protein-calorie malnutrition	262,263	192	1	1	-	-	-	-	-	1	-	-	-	-	-
Anaemias	280-285	200	12	5	7	-	-	1	1	-	-	-	2	5	3
Meningitis	320-322	220	3	1	2	2	-	1	-	-	-	-	-	-	-
Diseases of the Circulatory system:-	390-459	25-30	3,112	1,600	1,512	2	1	4	11	31	101	272	560	1,167	963
Acute rheumatic fever	390-392	250	4	1	3	-	-	-	-	-	-	2	-	2	-
Chronic rheumatic heart disease	393-398	251	11	4	7	-	-	-	-	-	-	2	7	1	1
Hypertensive disease	401-405	26	72	28	44	-	-	-	-	1	1	4	14	23	29
Ischaemic heart disease	410-414	27	1,650	927	723	-	-	-	5	11	64	171	341	593	465
- of which (Acute myocardial infarction)	(410)	(270)	962	521	441	-	-	-	1	5	30	86	197	381	262
Cerebrovascular disease	430-438	29	626	259	367	-	-	1	1	8	15	25	86	254	236
Atherosclerosis	440	300	44	20	24	-	-	-	-	1	2	2	9	13	17
Other diseases of circulatory system	Rem(390-459)		705	361	344	2	1	3	5	10	19	66	103	281	215

Pneumonia	480-486	321	659	290	369	-	-	-	2	4	11	19	72	229	322
Influenza	487	322	3	1	2	-	-	-	-	-	-	-	-	-	3
Bronchitis , emphysema and asthma*	490-493	323	40	22	18	-	-	-	1	1	2	2	10	19	5
Ulcer of stomach and duodenum	531-533	341	26	11	15	-	-	-	-	-	-	1	6	12	7
Appendicitis	540-543	342	-	-	-	-	-	-	-	-	-	-	-	-	-
Chronic liver disease and cirrhosis	571	347	56	33	23	-	-	-	-	6	16	12	13	7	2
Nephritis , nephrotic syndrome and nephrosis	580-589	350	92	39	53	-	-	-	-	-	1	2	22	31	36
Hyperplasia of prostate	600	360	4	4	-	-	-	-	-	-	-	-	1	-	3
Abortion	630-639	38	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct obstetric deaths	640-646, 651-676	39	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital anomalies	740-759	44	44	24	20	24	3	4	4	3	2	2	2	-	-
Certain conditions originating in the perinatal period* (Birth trauma)	760-779 (767)	45 (453)	26 1	15 -	11 1	26 1	-	-	-	-	-	-	-	-	-
Signs , symptoms and ill-defined conditions	780-799	46	64	22	42	10	-	-	-	1	1	4	1	9	38
Injury and poisoning:- Fractures	800-999 800-829	47-56 47	209 42	146 19	63 23	- -	5 1	50 6	32 -	24 1	26 2	16 -	18 5	21 11	17 16
Intracranial and internal injuries , inc. nerves	850-869, 950-957	49	60 2	49 -	11 2	- -	1 -	21 1	7 -	7 -	13 -	4 -	2 1	4 -	1 -
Burns	940-949	52	2	1	1	-	-	-	2	-	-	-	-	-	-
Poisonings and toxic effects	960-989	53	25	16	9	-	2	4	9	1	2	1	3	3	-
Other injuries and poisonings	Rem(800-999)		78	61	17	-	1	18	14	15	9	11	7	3	-
All other diseases	Rem(001-999)		1,277	613	664	4	4	17	15	27	33	72	217	514	374
EXTERNAL CAUSES															
Accidents and adverse effects	E800-E949	E47-53	150	99	51	-	4	30	20	17	17	12	15	18	17
Motor vehicle traffic accidents	E810-E819	E471	46	34	12	-	1	20	6	7	6	2	2	2	-
Accidental falls	E880-E888	E50	50	25	25	-	-	3	1	2	6	2	6	13	17
Suicide	E950-E959	E54	71	54	17	-	1	18	18	13	10	7	2	2	-
Homicide	E960-E969	E55	2	2	-	-	-	1	-	-	-	-	-	1	-
All other external causes	R(E800-999)		3	3	-	-	-	1	-	-	1	-	1	-	-

* Chronic Obstructive Airways Disease not included

+ Stillbirths not included

Table 9 Deaths registered, classified by principal causes¹

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	3,872	52	264	254	76	159	94	154	45
Carlow	46,014	98	2	7	6	2	5	4	6	1
Dublin County Borough	495,781	1,229	15	78	103	20	53	30	49	7
South Dublin	238,835	221	-	20	30	6	10	5	12	1
Fingal	196,413	216	2	13	12	6	9	5	13	1
Dun Laoghaire Rathdown	191,792	333	5	29	16	9	12	9	12	1
Kildare	163,944	249	6	10	24	1	12	6	5	3
Kilkenny	80,339	172	1	14	6	4	1	4	2	6
Laois	58,774	117	3	10	4	2	4	2	5	1
Longford	31,068	88	2	6	1	1	2	3	4	2
Louth	101,821	197	5	12	12	4	10	5	3	2
Meath	134,005	207	3	17	6	6	12	5	12	4
Offaly	63,663	117	1	10	3	3	2	2	2	-
Westmeath	71,858	158	-	11	10	5	5	2	5	4
Wexford	116,596	243	4	17	6	3	8	5	11	8
Wicklow	114,676	227	3	10	15	4	14	7	13	4
MUNSTER	1,100,614	2,283	38	140	102	47	103	42	80	41
Clare	103,277	220	4	17	13	6	10	5	5	5
Cork County Borough	123,062	267	6	15	10	5	19	4	8	1
Cork County	324,767	650	9	43	34	11	24	7	29	12
Kerry	132,527	304	6	20	15	5	13	8	11	7
Limerick County Borough	54,023	122	-	6	4	3	8	1	3	3
Limerick County	121,281	219	5	12	9	2	9	6	8	6
Tipperary North Riding	61,010	157	5	4	6	4	8	4	6	2
Tipperary South Riding	79,121	139	-	9	5	4	7	2	3	2
Waterford Co. Borough	44,594	83	1	9	3	2	4	2	-	1
Waterford County	56,952	122	2	5	3	5	1	3	7	2
CONNACHT	464,296	1,066	11	72	45	28	35	29	29	12
Galway County Borough	65,832	79	3	7	6	3	4	2	3	-
Galway County	143,245	341	6	24	15	8	6	10	8	3
Leitrim	25,799	73	-	5	1	3	3	3	3	-
Mayo	117,446	321	1	20	11	7	11	5	7	5
Roscommon	53,774	122	1	8	3	3	7	3	4	1
Sligo	58,200	130	-	8	9	4	4	6	4	3
ULSTER (PART OF)	246,714	535	7	35	24	8	27	11	19	5
Cavan	56,546	123	-	9	6	3	4	4	4	1
Donegal	137,575	313	4	21	17	4	18	5	10	4
Monaghan	52,593	99	3	5	1	1	5	2	5	-
STATE	3,917,203	7,756	108	511	425	159	324	176	282	103
REGIONAL AUTHORITIES:										
Border	432,534	935	12	60	46	19	44	25	29	10
Midland	225,363	480	6	37	18	11	13	9	16	7
West	380,297	863	11	59	35	21	28	20	22	9
Dublin	1,122,821	1,999	22	140	161	41	84	49	86	10
Mid-East	412,625	683	12	37	45	11	38	18	30	11
Mid-West	339,591	718	14	39	32	15	35	16	22	16
South-East	423,616	857	10	61	29	20	26	20	29	20
South-West	580,356	1,221	21	78	59	21	56	19	48	20
HEALTH BOARDS:										
ERHA	1,401,441	2,475	31	160	200	46	110	62	104	17
Midland	225,363	480	6	37	18	11	13	9	16	7
Mid Western	339,591	718	14	39	32	15	35	16	22	16
North Eastern	344,965	626	11	43	25	14	31	16	24	7
North Western	221,574	516	4	34	27	11	25	14	17	7
South Eastern	423,616	857	10	61	29	20	26	20	29	20
Southern	580,356	1,221	21	78	59	21	56	19	48	20
Western	380,297	863	11	59	35	21	28	20	22	9

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:		Rema-inder
401-405	410-414	430-438	Rem. 390-459	480-486	466, 490-493, 496	Rem. 460-519				E810-E829	other	
41	788	295	373	349	201	116	135	24	10	26	75	341
-	20	5	10	10	3	6	1	1	-	-	2	7
13	245	103	137	116	44	38	59	6	3	1	18	91
-	42	7	19	11	9	5	8	3	2	3	3	25
2	30	21	26	18	10	3	8	3	1	-	8	25
1	78	24	35	28	11	13	8	2	-	-	6	34
6	54	23	17	12	11	6	11	2	1	3	10	26
1	36	18	11	24	10	10	7	1	-	2	4	10
4	26	7	7	5	9	4	3	-	-	1	3	17
-	22	5	10	12	11	2	2	-	-	-	-	3
5	35	14	18	26	14	9	8	2	-	-	6	7
1	43	11	15	31	12	5	-	2	-	1	3	18
1	32	12	9	10	14	4	3	-	-	1	-	8
1	30	10	21	10	14	2	3	-	2	7	2	14
4	54	23	14	24	19	6	4	1	1	2	7	22
2	41	12	24	12	10	3	10	1	-	5	3	34
18	518	181	225	184	143	53	78	13	9	9	56	203
1	53	17	14	12	23	3	6	2	-	-	6	18
2	63	14	34	27	11	3	11	5	-	1	7	21
5	157	57	66	49	41	11	16	1	1	4	18	55
3	55	31	38	26	21	4	13	1	-	-	-	27
1	23	7	13	13	8	1	4	2	5	-	5	12
1	52	19	15	18	7	11	8	1	-	-	6	24
2	31	11	22	12	13	4	5	-	2	2	7	7
2	39	13	9	10	2	3	5	-	1	-	5	18
-	10	7	5	5	9	5	7	-	-	-	1	12
1	35	5	9	12	8	8	3	1	-	2	1	9
10	229	109	104	81	77	25	33	2	3	8	19	105
-	11	7	7	5	6	2	2	-	1	-	2	8
4	72	42	34	25	21	9	13	1	2	4	3	31
1	17	5	9	5	9	1	2	-	-	-	1	5
3	73	35	31	23	24	6	10	1	-	2	6	40
2	38	13	7	12	6	2	2	-	-	1	3	6
-	18	7	16	11	11	5	4	-	-	1	4	15
3	115	41	62	45	26	9	22	5	4	4	12	51
1	20	12	17	9	6	1	6	-	-	1	3	16
2	74	18	40	24	13	7	12	4	3	2	6	25
-	21	11	5	12	7	1	4	1	1	1	3	10
72	1,650	626	764	659	447	203	268	44	26	47	162	700
9	185	67	105	87	60	24	36	7	4	5	23	78
6	110	34	47	37	48	12	11	-	2	9	5	42
9	194	97	79	65	57	19	27	2	3	7	14	85
16	395	155	217	173	74	59	83	14	6	4	35	175
9	138	46	56	55	33	14	21	5	1	9	16	78
5	159	54	64	55	51	19	23	5	7	2	24	61
8	194	71	58	85	51	38	27	4	2	6	20	78
10	275	102	138	102	73	18	40	7	1	5	25	103
9	194	97	79	65	57	19	27	2	3	7	14	85
24	490	190	258	197	95	68	104	17	7	12	48	235
6	110	34	47	37	48	12	11	-	2	9	5	42
5	159	54	64	55	51	19	23	5	7	2	24	61
7	119	48	55	78	39	16	18	5	1	3	15	51
3	109	30	65	40	33	13	18	4	3	3	11	45
8	194	71	58	85	51	38	27	4	2	6	20	78
10	275	102	138	102	73	18	40	7	1	5	25	103
9	194	97	79	65	57	19	27	2	3	7	14	85

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

Cause of Death	ICD-9 Code	Total under 1 day	1 day and under 7 days	1 week and under 4 weeks	4 weeks and under 1 year	Total	
						M	F
ALL CAUSES		26	15	11	15	36	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)	-	-	-	1	-	1
Meningitis	320-322	-	1	-	1	1	1
Other inflammatory diseases of the central nervous system	323-326	-	-	-	-	-	-
Pneumonia	480-486	-	-	-	-	-	-
Influenza	487	-	-	-	-	-	-
Other diseases of respiratory system	460-479, 494-519	-	-	-	-	-	-
Diseases of digestive system	520-579	-	-	-	-	-	-
Congenital anomalies:							
Anencephalus and similar anomalies	740	-	1	-	-	1	-
Spina Bifida	741	-	-	1	1	2	-
Other congenital anomalies of digestive system	742	2	-	-	1	-	3
Congenital anomalies of eye, ear, face and neck	743,744	-	-	-	-	-	-
Congenital anomalies of the heart	745,746	-	2	2	2	1	5
Other congenital anomalies of circulatory system	747	1	-	-	1	1	1
Congenital anomalies of respiratory system	748	-	-	-	-	-	-
Other congenital anomalies of upperlimbary tract inc. cleft palate and lip	749,750	-	-	-	-	-	-
Other congenital anomalies of digestive system	751	-	-	-	-	-	-
Congenital anomalies of genital organs	752	-	-	-	-	-	-
Congenital anomalies of urinary system	753	1	-	-	-	1	-
Congenital musculoskeletal deformities including limbs	754-756	-	-	1	-	-	1
Congenital anomalies of the integument	757	-	-	-	-	-	-
Chromosomal anomalies	758	4	2	-	-	2	4
Other and unspecified congenital anomalies	759	1	-	-	-	-	1
Fetus or newborn affected by maternal conditions, maybe unrelated to the pregnancy	760	-	1	-	-	1	-
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	1	-	-	-	-	1
Slow fetal growth and malnutrition	764	-	-	-	-	-	-
Disorders relating to short gestation and unspecified low birthweight	765	9	1	-	-	7	3
Disorders relating to long gestation and high birthweight	766	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia	768	-	1	1	-	2	-
Respiratory distress syndrome	769	1	2	-	-	1	2
Other respiratory conditions of fetus and newborn	770	1	-	-	-	-	1
Infections specific to the perinatal period	771	-	-	-	-	-	-
Fetal and neo-natal haemorrhage	772	-	4	-	-	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	-	-	-	-	-	-
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	-	-	3	7	8	2
Fractures	800-829	-	-	-	-	-	-
Intracranial and internal injuries, including nerves	850-869, 950-957	-	-	-	-	-	-
Burns	940-949	-	-	-	-	-	-
Poisonings and toxic effects	960-989	-	-	-	-	-	-
Other injuries and poisonings	Rem(800-999)	-	-	-	-	-	-
All other causes		1	-	3	1	4	1

Table 11 Infant and neo natal mortality by area of residence of deceased; rates per 1,000 live births

Area of residence	Infant mortality		Neo natal mortality	
	Number	Rate	Number	Rate
Leinster	35	4.0	26	3.0
Carlow	1	5.4	1	5.4
Dublin C.B.	8	4.4	6	3.3
South Dublin	5	4.3	4	3.4
Fingal	4	3.7	2	1.8
Dun Laoghaire Rathdown	4	7.3	3	5.5
Kildare	4	4.8	2	2.4
Kilkenny	0	0.0	0	0.0
Laois	0	0.0	0	0.0
Longford	0	0.0	0	0.0
Louth	1	2.4	1	2.4
Meath	2	3.4	2	3.4
Offaly	0	0.0	0	0.0
Westmeath	3	9.5	3	9.5
Wexford	2	4.9	2	4.9
Wicklow	1	2.2	0	0.0
Munster	19	4.6	16	3.9
Clare	2	4.5	2	4.5
Cork C.B.	2	4.5	1	2.3
Cork Co.	1	0.8	1	0.8
Kerry	1	2.4	1	2.4
Limerick C.B.	7	30.0	6	25.8
Limerick Co.	1	2.2	0	0.0
Tipperary N.R.	2	9.0	2	9.0
Tipperary S.R.	2	7.4	2	7.4
Waterford C.B.	1	5.5	1	5.5
Waterford Co.	0	0.0	0	0.0
Connacht	5	3.1	3	1.9
Galway C.B.	1	3.7	1	3.7
Galway Co.	2	3.6	2	3.6
Leitrim	0	0.0	0	0.0
Mayo	2	5.4	0	0.0
Roscommon	0	0.0	0	0.0
Sligo	0	0.0	0	0.0
Ulster	8	9.4	7	8.2
Cavan	0	0.0	0	0.0
Donegal	6	12.1	6	12.1
Monaghan	2	12.7	1	6.3
State	67	4.4	52	3.4
REGIONAL AUTHORITIES:				
Border	9	5.8	8	5.2
Midland	3	3.2	3	3.2
West	5	3.8	3	2.3
Dublin	21	4.6	15	3.3
Mid-East	7	3.7	4	2.1
Mid-West	12	8.9	10	7.4
South-East	6	4.0	6	4.0
South-West	4	1.9	3	1.4
HEALTH BOARDS:				
Eastern	26	4.4	17	2.9
Midland	3	3.2	3	3.2
Mid Western	12	8.9	10	7.4
North Eastern	5	3.7	4	2.9
North Western	6	7.9	6	7.9
South Eastern	6	4.0	6	4.0
Southern	4	1.9	3	1.4
Western	5	3.8	3	2.3

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				Motor vehicle accidents incl. non-traff- ic accidents	Other		
	151	150, 152-159	162	174- 175	179-189	200-208	Rem (140- 208)	250	401- 405	410- 414	430-438	Rem (390- 459)	480-486	466, 490-493, 496	Rem (460- 519)	520-579	740-759	760-779	E810- E829	Rem (800- 999)	Rem (001- 999)	
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																						
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																						
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 County Borough, Galway County, Mayo, Roscommon.
Dublin:	Dublin County Borough, South Dublin, Fingal, Dun Laoghaire-Rathdown.
Mid-East:	Kildare, Meath, Wicklow.
Mid-West:	Clare, Limerick County Borough, Limerick County, Tipperary North Riding.
South-East:	Carlow, Kilkenny, Tipperary South Riding, Waterford County Borough, Waterford County, Wexford.
South-West:	South-West: Cork County Borough, 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 County Borough, South Dublin, Fingal, Dun Laoghaire-Rathdown, Kildare, Wicklow.
Midland:	Laois, Longford, Offaly, Westmeath.
Mid Western:	Clare, Limerick County Borough, Limerick County, Tipperary North Riding.
North Eastern:	Cavan, Louth, Meath, Monaghan.
North Western:	Donegal, Leitrim, Sligo.
South Eastern:	Carlow, Kilkenny, Tipperary South Riding, Waterford County Borough, Waterford County, Wexford.
Southern:	Cork County Borough, Cork County, Kerry.
Western:	Galway County Borough, 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 - E829	Motor vehicle accidents incl. non-traffic accidents

Estimated Population classified by Sex and Age Group, 1996 - 2002

Sex and Age Group	Persons in April of each year						
	1996 ¹	1997 ²	1998 ²	1999 ²	2000 ²	2001 ²	2002 ²
000							
Persons							
0 - 4 years	250.4	250.0	253.6	259.4	265.1	270.8	278.2
5 - 9 "	282.9	277.7	273.5	270.0	265.3	261.9	260.6
10 - 14 "	326.1	317.9	308.1	299.9	294.0	289.0	283.6
15 - 19 "	339.5	343.9	346.5	343.0	333.9	325.9	318.4
20 - 24 "	293.4	298.6	306.1	314.9	326.1	334.8	346.3
25 - 29 "	259.0	267.3	279.6	290.8	302.7	316.8	327.7
30 - 34 "	260.9	262.4	263.0	264.6	267.7	275.4	287.0
35 - 39 "	255.7	258.0	262.1	265.9	269.9	271.6	273.7
40 - 44 "	240.4	246.0	248.7	251.8	255.2	260.7	263.3
45 - 49 "	225.4	228.1	232.5	234.4	238.4	243.1	248.3
50 - 54 "	186.6	197.9	207.2	216.3	223.2	226.1	227.8
55 - 59 "	153.8	155.9	162.2	167.8	173.5	184.3	195.7
60 - 64 "	137.9	140.5	141.5	144.3	148.0	149.6	151.3
65 - 69 "	126.8	126.4	127.5	127.8	128.0	129.2	131.5
70 - 74 "	112.5	112.7	111.5	110.7	110.6	110.8	111.1
75 - 79 "	84.1	85.0	88.2	88.8	88.6	88.7	89.2
80 - 84 "	55.8	55.8	54.4	54.2	55.2	57.1	58.3
85 years and over	34.7	36.6	38.7	40.1	41.7	43.2	45.0
Total	3,626.1	3,660.6	3,704.9	3,744.7	3,786.9	3,838.9	3,897.0
Males							
0 - 4 years	128.7	128.6	130.8	133.8	136.8	139.5	142.9
5 - 9 "	145.3	142.1	140.1	138.3	136.0	134.5	134.2
10 - 14 "	167.4	163.3	157.9	153.5	150.3	147.6	144.2
15 - 19 "	174.0	176.4	177.3	176.1	171.5	167.3	163.5
20 - 24 "	149.1	151.9	155.6	158.8	164.0	168.5	173.5
25 - 29 "	129.4	133.5	140.5	146.4	153.2	160.1	165.0
30 - 34 "	127.7	128.6	129.5	130.5	133.1	138.1	144.1
35 - 39 "	126.1	127.1	129.0	131.0	132.4	133.7	135.1
40 - 44 "	120.1	122.6	123.6	125.3	126.7	129.2	130.5
45 - 49 "	113.8	114.7	116.5	117.3	119.3	121.7	124.1
50 - 54 "	94.8	100.5	105.3	109.6	112.7	113.8	114.2
55 - 59 "	77.8	79.1	82.0	84.9	87.8	93.1	99.0
60 - 64 "	68.7	69.9	70.3	71.7	73.8	74.6	75.7
65 - 69 "	60.3	60.7	61.7	62.3	62.4	63.0	64.0
70 - 74 "	50.1	50.2	49.8	49.7	50.1	50.7	51.4
75 - 79 "	35.2	35.6	36.7	37.0	36.8	37.0	37.3
80 - 84 "	21.1	20.9	20.4	20.4	20.9	21.6	22.2
85 years and over	10.6	11.4	12.1	12.6	13.0	13.6	14.2
Total	1,800.2	1,817.2	1,839.1	1,859.1	1,880.6	1,907.4	1,935.1
Females							
0 - 4 years	121.7	121.3	122.9	125.6	128.3	131.3	135.3
5 - 9 "	137.6	135.6	133.4	131.7	129.3	127.4	126.3
10 - 14 "	158.7	154.5	150.2	146.3	143.7	141.3	139.3
15 - 19 "	165.6	167.5	169.2	166.9	162.4	158.6	154.9
20 - 24 "	144.2	146.7	150.5	156.1	162.1	166.4	172.8
25 - 29 "	129.7	133.8	139.1	144.4	149.5	156.8	162.8
30 - 34 "	133.2	133.8	133.5	134.0	134.6	137.3	142.9
35 - 39 "	129.5	130.9	133.1	134.9	137.6	138.0	138.6
40 - 44 "	120.4	123.5	125.1	126.6	128.5	131.5	132.8
45 - 49 "	111.6	113.3	116.0	117.1	119.1	121.4	124.2
50 - 54 "	91.8	97.5	102.0	106.8	110.5	112.3	113.6
55 - 59 "	76.0	76.8	80.2	82.8	85.8	91.3	96.7
60 - 64 "	69.3	70.6	71.1	72.6	74.3	75.0	75.6
65 - 69 "	66.6	65.8	65.8	65.5	65.6	66.2	67.5
70 - 74 "	62.4	62.5	61.7	61.0	60.5	60.1	59.7
75 - 79 "	48.9	49.4	51.5	51.9	51.7	51.8	52.0
80 - 84 "	34.7	34.9	34.0	33.9	34.3	35.5	36.0
85 years and over	24.1	25.2	26.6	27.5	28.7	29.5	30.8
Total	1,825.9	1,843.4	1,865.8	1,885.6	1,906.3	1,931.5	1,961.9

¹ Census of Population

² Preliminary

