

# THE REGISTRAR GENERAL'S QUARTERLY REPORT FOR NORTHERN IRELAND

## KEY POINTS

### BIRTHS AND STILLBIRTHS

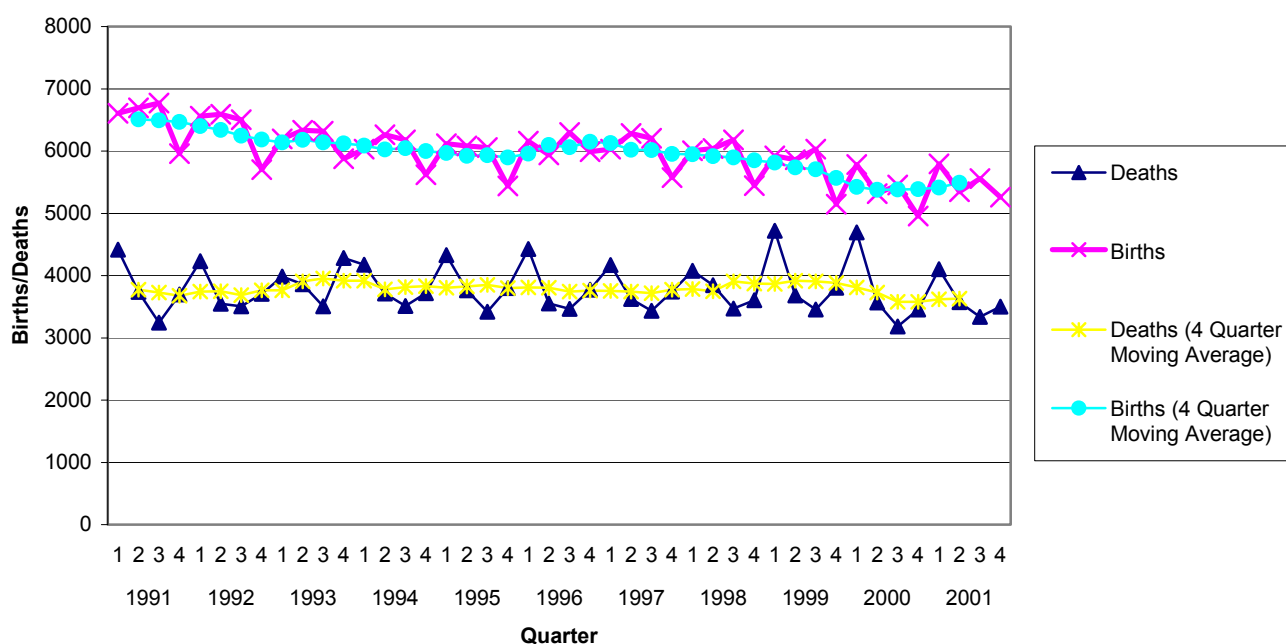
- The number of births registered in the quarter under review was 5,261 (2,740 males and 2,521 females). The annualised rate was 12.5 births per 1,000 of the estimated population, which was 0.7 above that for the corresponding quarter of 2000.
- Live births outside marriage numbered 1,794, which represented 34.1 per cent of the total live births registered.
- The number of stillbirths registered was 27 and the rate was 5.1 stillbirths per 1,000 births (including stillbirths).

### DEATHS

- Deaths registered during the quarter numbered 3,501 (1,666 males and 1,835 females). The annualised rate was 8.3 deaths per 1,000 of the estimated population, which was 0.1 above that for the corresponding quarter of 2000.
- Deaths of children aged under one year numbered 34 representing an infant mortality rate of 6.4 per 1,000 live births registered, which was 1.2 above that for the corresponding quarter of 2000.
- The number of deaths from cancer totalled 940 comprising of 489 males and 451 females. Cancer deaths accounted for 26.8 per cent of the total deaths in this quarter.
- There were 376 male and 359 female deaths due to ischaemic heart disease in this quarter. These accounted for 21.0 per cent of the total deaths in the quarter.

Attached are a number of standard tables, which give some further details of the registration events in the period October-December 2001.

**Figure 1. QUARTERLY BIRTHS AND DEATHS, 1991 to 2001**



**Table 1. VITAL STATISTICS BY QUARTER FROM 1 JANUARY 1998**

YEAR	QUARTER	BIRTHS	% OUTSIDE MARRIAGE	STILLBIRTHS	DEATHS		
					ALL CAUSES	CANCER	ISCHAEMIC HEART DISEASE
1998	1st	6003	28.3	30	4075	914	993
	2nd	6043	27.5	29	3844	935	1007
	3rd	6179	28.7	34	3472	896	828
	4th	5443	29.6	29	3602	903	826
1999	1st	5922	30.3	40	4722	911	1088
	2nd	5862	29.8	35	3682	881	844
	3rd	6029	30.6	29	3456	893	768
	4th	5144	30.5	28	3803	867	868
2000	1st	5786	31.9	25	4695	897	1019
	2nd	5315	30.8	22	3569	893	781
	3rd	5453	32.6	24	3182	880	690
	4th	4958	31.7	22	3457	872	744
2001	1st	5796	33.2	32	4102	941	887
	2nd	5348	31.1	26	3573	910	771
	3rd	5557	31.7	27	3336	905	755
	4th	5261	34.1	27	3501	940	735

**Table 2. VITAL STATISTICS BY MONTH FROM JANUARY 1999**

YEAR	REGISTRATION MONTH	BIRTHS	STILLBIRTHS	DEATHS
<b>1999</b>	January	2055	17	1658
	February	1794	7	1505
	March	2073	16	1559
	April	1990	15	1301
	May	1800	9	1135
	June	2072	11	1246
	July	1936	11	1127
	August	2021	10	1155
	September	2072	8	1174
	October	1832	4	1133
	November	1874	12	1277
	December	1438	12	1393
<b>2000</b>	January	2203	13	2108
	February	1704	8	1342
	March	1879	4	1245
	April	1532	9	1090
	May	1941	7	1284
	June	1842	6	1195
	July	1761	9	1025
	August	1920	6	1071
	September	1772	9	1086
	October	1913	9	1269
	November	1730	9	1197
	December	1315	4	991
<b>2001</b>	January	2360	11	1583
	February	1592	9	1189
	March	1844	12	1330
	April	1751	12	1226
	May	1787	8	1226
	June	1810	6	1121
	July	1888	5	1086
	August	1885	8	1132
	September	1784	14	1118
	October	2021	9	1230
	November	1895	7	1201
	December	1345	11	1070

**Table 3. VITAL STATISTICS BY AREA (QUARTER ENDED 31 DECEMBER 2001)**

AREA <sup>1</sup>	ESTIMATED POPULATION 30 JUNE 2001	EVENTS REGISTERED									
		BIRTHS				STILL BIRTHS	DEATHS BY		CAUSE OF DEATH		
		LIVE BIRTHS	BIRTH RATE	OUTSIDE MARRIAGE Number	%		ALL AGES	DEATH RATE	UNDER 1 YEAR	CANCER	ISCHAEMIC HEART DISEASE
<b>Northern Ireland</b>	<b>1,689,300</b>	<b>5,261</b>	<b>12.5</b>	<b>1,794</b>	<b>34.1</b>	<b>27</b>	<b>3,501</b>	<b>8.3</b>	<b>34</b>	<b>940</b>	<b>735</b>
<b>Eastern Board</b>	<b>666,900</b>	<b>1,982</b>	<b>11.9</b>	<b>794</b>	<b>40.1</b>	<b>12</b>	<b>1,604</b>	<b>9.6</b>	<b>16</b>	<b>412</b>	<b>312</b>
Ards	73,400	176	9.6	55	31.3	3	163	8.9	2	44	35
Belfast	277,200	830	12.0	409	49.3	4	709	10.2	7	188	148
Castlereagh	66,500	192	11.5	47	24.5	0	180	10.8	0	52	34
Down	64,100	201	12.5	72	35.8	2	138	8.6	3	37	22
Lisburn	109,000	373	13.7	138	37.0	3	221	8.1	2	44	38
North Down	76,600	210	11.0	73	34.8	0	193	10.1	2	47	35
<b>Northern Board</b>	<b>428,200</b>	<b>1,288</b>	<b>12.0</b>	<b>402</b>	<b>31.2</b>	<b>6</b>	<b>858</b>	<b>8.0</b>	<b>9</b>	<b>252</b>	<b>182</b>
Antrim	48,800	165	13.5	51	30.9	3	79	6.5	1	19	17
Ballymena	58,800	162	11.0	49	30.2	0	140	9.5	0	49	31
Ballymoney	27,000	86	12.7	33	38.4	1	46	6.8	0	13	11
Carrickfergus	37,700	101	10.7	37	36.6	1	85	9.0	1	25	15
Coleraine	56,400	138	9.8	57	41.3	0	131	9.3	1	33	31
Cookstown	32,700	125	15.3	33	26.4	0	51	6.2	1	20	11
Larne	30,800	76	9.9	26	34.2	1	65	8.4	0	21	13
Magherafelt	39,900	135	13.5	23	17.0	0	64	6.4	0	16	18
Moyle	16,000	51	12.8	10	19.6	0	30	7.5	0	8	5
Newtownabbey	80,100	249	12.4	83	33.3	0	167	8.3	5	48	30
<b>Southern Board</b>	<b>312,200</b>	<b>1,068</b>	<b>13.7</b>	<b>274</b>	<b>25.7</b>	<b>4</b>	<b>549</b>	<b>7.0</b>	<b>7</b>	<b>143</b>	<b>136</b>
Armagh	54,500	167	12.3	46	27.5	0	95	7.0	0	19	27
Banbridge	41,500	113	10.9	30	26.5	0	69	6.6	0	15	23
Craigavon	80,900	289	14.3	81	28	0	147	7.3	5	44	31
Dungannon	47,800	184	15.4	43	23.4	0	99	8.3	0	26	26
Newry & Mourne	87,400	315	14.4	74	23.5	4	139	6.4	2	39	29
<b>Western Board</b>	<b>282,000</b>	<b>923</b>	<b>13.1</b>	<b>324</b>	<b>35.1</b>	<b>5</b>	<b>490</b>	<b>6.9</b>	<b>2</b>	<b>133</b>	<b>105</b>
Fermanagh	57,700	152	10.5	29	19.1	1	121	8.4	0	30	26
Limavady	32,600	101	12.4	30	29.7	0	46	5.6	0	9	8
Derry	105,300	403	15.3	176	43.7	3	175	6.6	1	55	37
Omagh	48,100	146	12.1	37	25.3	1	86	7.2	0	26	17
Strabane	38,300	121	12.6	52	43	0	62	6.5	1	13	17

<sup>1</sup> Figures may not add due to rounding.

**Table 4. DEATHS REGISTERED DURING QUARTER ENDED 31 DECEMBER 2001 CLASSIFIED BY CAUSE, GENDER, HEALTH BOARD AND AGE GROUP**

ICD10 Code	Cause of death	Gender		Health Board				Age Group								
		Males	Females	Eastern	Northern	Southern	Western	0	1-14	15-34	35-44	45-54	55-64	65-74	75-84	85 +
<b>A00-Y98</b>	<b>All Causes of Death</b>	<b>1,666</b>	<b>1,835</b>	<b>1,604</b>	<b>858</b>	<b>549</b>	<b>490</b>	<b>34</b>	<b>12</b>	<b>69</b>	<b>74</b>	<b>155</b>	<b>293</b>	<b>735</b>	<b>1,179</b>	<b>950</b>
A00-B99	Certain Infectious and Parasitic Diseases	13	17	5	7	13	5	0	0	1	0	2	3	3	11	10
C00-D48	Neoplasms	508	468	421	261	154	140	0	3	12	18	63	145	304	305	126
C00-C97	Malignant Neoplasms	489	451	412	252	143	133	0	3	12	18	61	140	292	297	117
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	3	4	6	1	0	0	0	0	1	0	0	1	1	1	3
E00-E90	Endocrine, Nutritional and Metabolic Diseases	15	28	21	9	5	8	0	1	1	0	1	1	11	12	16
F00-F99	Mental and Behavioural Disorders	30	55	42	18	8	17	0	0	2	6	5	3	9	17	43
G00-H95	Diseases of the Nervous System and the Sense Organs	60	55	61	23	17	14	0	0	5	2	3	6	24	45	30
I00-I99	Disease of the Circulatory System	625	769	636	333	233	192	0	1	4	15	36	90	270	519	459
I20-I25	Ischaemic Heart Disease	376	359	312	182	136	105	0	0	0	3	25	66	167	281	193
I60-I69	Cerebrovascular Disease	130	238	201	79	44	44	0	0	2	6	5	9	51	139	156
J00-J99	Diseases of the Respiratory System	200	243	223	113	50	57	0	0	1	3	9	21	53	169	187
K00-K93	Diseases of the Digestive System	54	68	59	31	18	14	0	0	1	8	18	14	25	35	21
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	6	25	8	9	9	5	0	0	0	0	0	1	6	18	6
N00-N99	Diseases of the Genitourinary System	32	33	34	9	9	13	0	0	0	0	2	2	11	26	24
O00-O99	Pregnancy, Childbirth and the Puerperium	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0
P00-P96	Certain Conditions Originating in the Perinatal Period	7	9	6	4	5	1	15	1	0	0	0	0	0	0	0
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	14	12	11	6	5	4	14	1	2	0	3	2	3	0	1
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	6	9	10	3	1	1	4	0	1	1	1	0	0	1	7
V01-Y98	All External Causes of Morbidity and Mortality	93	39	60	31	22	19	1	5	37	21	12	4	15	20	17
V01-V99	Transport Accidents	30	6	14	8	4	10	0	5	15	8	3	0	3	1	1
X60-X84, Y87.0	Suicide and Self-Inflicted Injury	22	2	7	6	9	2	0	0	11	4	5	1	2	1	0

## **GENERAL NOTES**

The figures on births and deaths have been compiled from returns furnished by the local registrars. The figures final figures for each year will be found in the Registrar General's Annual Report.

### **Births, stillbirths and deaths**

Figures relate to those registered during the quarter under review. A birth or stillbirth is assigned to the usual place of residence of mother and excludes births and stillbirths to non-Northern Ireland residents. Deaths are assigned to the usual residence of the deceased, if such residence is within Northern Ireland; otherwise to the place of occurrence and non-resident deaths are included in the figures.

### **Birth, stillbirth and death rates**

Rates for 2000 and 2001 data are calculated on the estimated home population as at 30<sup>th</sup> June 2000, and the 30<sup>th</sup> of June 2001 respectively. All quarter rates have been annualised by multiplying the rates by 4.

### **Stillbirth**

Refers to a child which has been issued from its mother after the 24th week of pregnancy and which did not breathe or show any other sign of life.

### **Infant mortality**

Refers to all deaths in the first year of life.

### **Cancer**

Refers to all malignant neoplasms of the lymphatic and haematopoietic tissues, including Hodgkin's disease, leukaemia and aleukaemia.

### **Cause of death coding**

Each death registered in Northern Ireland is attributed to a single cause and coded in accordance with the International Statistical Classification of Diseases, Injuries and Causes of Death (ICD). The General Register Office in Northern Ireland changed from the ninth (ICD9) to the tenth (ICD10) edition from January 2001. Data in this bulletin prior to 2001 will be based on ICD9 and after 2001 will be based on ICD10. The ICD codes used for the causes of death in Tables 1 and 3 are as follows:

Cancer	<b>ICD9</b> 140-208	<b>ICD10</b> C00-C97
Ischaemic Heart Disease	<b>ICD9</b> 410-414	<b>ICD10</b> I20-I25

### **Seasonality**

This short report presents selected information that illustrates seasonal variations in birth and deaths in Northern Ireland.

Further information on the statistics provided in this publication can be obtained from Customer Services at:

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