

# THE REGISTRAR GENERAL'S QUARTERLY REPORT FOR NORTHERN IRELAND

## KEY POINTS

### BIRTHS AND STILLBIRTHS

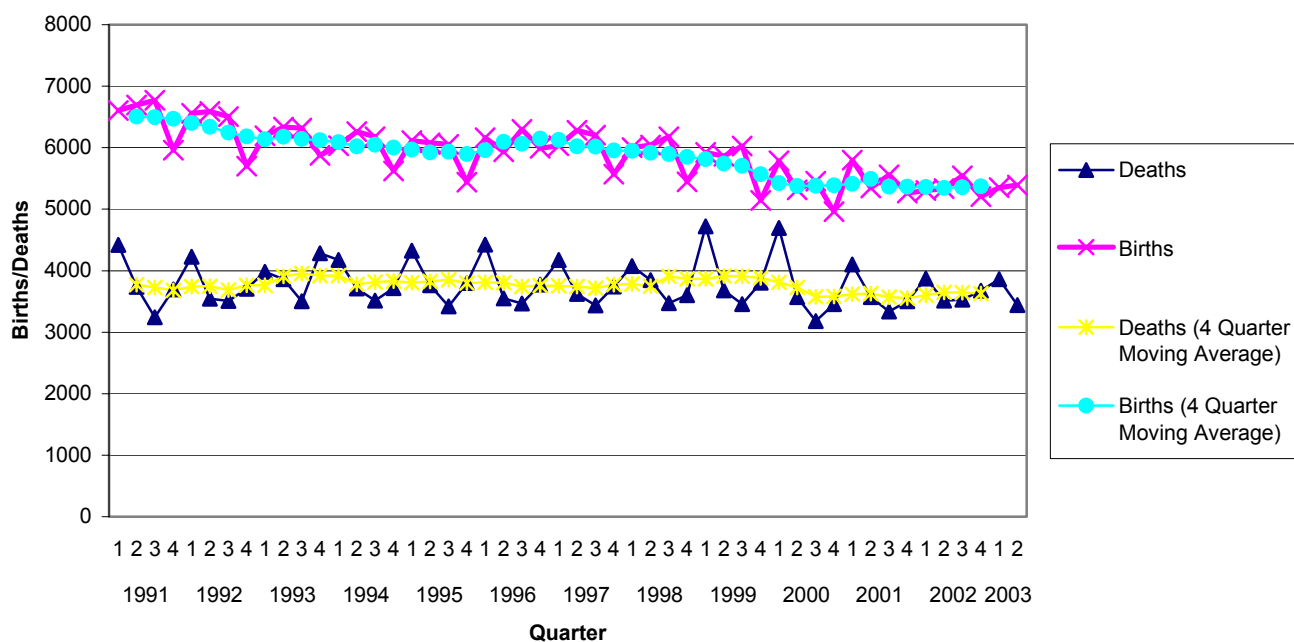
- The number of births registered in the quarter under review was 5393 (2759 males and 2634 females). The annualised rate was 12.7 births per 1,000 of the estimated population, which was 0.1 above the rate for the corresponding quarter of 2002.
- Live births outside marriage numbered 1787, which represented 33.1 per cent of the total live births registered.
- The number of stillbirths registered was 27 and the rate was 5.0 stillbirths per 1,000 births (including stillbirths).

### DEATHS

- Deaths registered during the quarter numbered 3442 (1668 males and 1774 females). The annualised rate was 8.1 deaths per 1,000 of the estimated population, which was 0.2 below that for the corresponding quarter of 2002.
- Deaths of children aged under one year numbered 23 representing an infant mortality rate of 4.2 per 1,000 live births registered, which was 0.6 below that for the corresponding quarter of 2002.
- The number of deaths from cancer totalled 889 comprising of 446 males and 443 females. Cancer deaths accounted for 26 per cent of the total deaths in this quarter.
- There were 380 male and 343 female deaths due to ischaemic heart disease in this quarter. These accounted for 21 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 April-June 2003.

**Figure 1. QUARTERLY BIRTHS AND DEATHS, 1991 to 2003**



**Table 1. VITAL STATISTICS BY QUARTER FROM 1 JANUARY 2000**

YEAR	QUARTER	BIRTHS	% OUTSIDE MARRIAGE	STILLBIRTHS	DEATHS		
					ALL CAUSES	CANCER	ISCHAEMIC HEART DISEASE
<b>2000</b>	1st	5786	31.9	25	4695	897	1019
	2nd	5315	30.8	22	3569	892	781
	3rd	5453	32.6	24	3182	880	690
	4th	4958	31.7	22	3457	872	744
<b>2001</b>	1st	5796	33.2	32	4103	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
<b>2002</b>	1st	5304	33.7	23	3871	877	790
	2nd	5334	33.1	30	3511	887	707
	3rd	5542	33.5	32	3527	944	717
	4th	5205	33.6	37	3677	944	734
<b>2003</b>	1st	5350	34.4	29	3861	907	786
	2nd	5393	33.1	27	3442	889	723

**Table 2. VITAL STATISTICS BY MONTH FROM APRIL 2001**

YEAR	REGISTRATION MONTH	BIRTHS	STILLBIRTHS	DEATHS
<b>2001</b>	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
	<b>2002</b>	January	2103	12
February		1524	6	1250
March		1677	5	1202
April		1817	10	1237
May		1898	11	1234
June		1619	9	1040
July		1850	11	1243
August		1821	9	1111
September		1871	12	1173
October		1943	8	1263
November		1733	11	1203
December		1529	18	1211
<b>2003</b>	January	2109	9	1432
	February	1546	9	1236
	March	1695	11	1193
	April	1800	9	1149
	May	1795	7	1133
	June	1798	11	1160

**Table 3. VITAL STATISTICS BY AREA (QUARTER ENDED 30 JUNE 2003)**

AREA <sup>1</sup>	ESTIMATED POPULATION 30 JUNE 2002	EVENTS REGISTERED									
		BIRTHS				STILL BIRTHS	DEATHS BY		CAUSE OF DEATH		
		LIVE BIRTHS	BIRTH RATE	OUTSIDE MARRIAGE			ALL AGES	DEATH RATE	UNDER 1 YEAR	CANCER	ISCHAEMIC HEART DISEASE
Number	%										
<b>Northern Ireland</b>	<b>1,696,600</b>	<b>5,393</b>	<b>12.7</b>	<b>1,787</b>	<b>33</b>	<b>27</b>	<b>3,442</b>	<b>8.1</b>	<b>23</b>	<b>889</b>	<b>723</b>
<b>Eastern Board</b>	<b>665,700</b>	<b>2,001</b>	<b>12.0</b>	<b>766</b>	<b>38</b>	<b>9</b>	<b>1,512</b>	<b>9.1</b>	<b>12</b>	<b>385</b>	<b>283</b>
Ards	74,100	247	13.3	68	28	-	142	7.7	2	30	32
Belfast	274,100	793	11.6	415	52	5	688	10.0	6	188	102
Castlereagh	66,300	185	11.2	39	21	2	153	9.2	-	38	29
Down	64,800	202	12.5	70	35	1	139	8.6	2	31	32
Lisburn	109,400	341	12.5	101	30	1	200	7.3	1	47	50
North Down	77,000	233	12.1	73	31	-	190	9.9	1	51	38
<b>Northern Board</b>	<b>430,400</b>	<b>1,317</b>	<b>12.2</b>	<b>400</b>	<b>30</b>	<b>5</b>	<b>855</b>	<b>7.9</b>	<b>4</b>	<b>238</b>	<b>184</b>
Antrim	48,900	179	14.6	58	32	3	83	6.8	1	24	12
Ballymena	59,000	170	11.5	55	32	1	122	8.3	1	38	25
Ballymoney	27,500	75	10.9	20	27	-	54	7.9	-	16	11
Carrickfergus	38,100	121	12.7	42	35	-	76	8.0	-	20	13
Coleraine	56,200	174	12.4	60	34	-	120	8.5	-	37	31
Cookstown	33,000	86	10.4	28	33	-	50	6.1	-	9	11
Larne	30,900	88	11.4	26	30	-	72	9.3	-	25	14
Magherafelt	40,400	141	14.0	30	21	-	63	6.2	-	17	22
Moyle	16,200	40	9.8	10	25	-	34	8.4	1	8	11
Newtownabbey	80,200	243	12.1	71	29	1	181	9.0	1	44	34
<b>Southern Board</b>	<b>315,600</b>	<b>1,097</b>	<b>13.9</b>	<b>290</b>	<b>26</b>	<b>6</b>	<b>543</b>	<b>6.9</b>	<b>5</b>	<b>139</b>	<b>129</b>
Armagh	55,000	198	14.4	43	22	1	88	6.4	1	18	23
Banbridge	42,400	173	16.3	40	23	1	70	6.6	-	17	20
Craigavon	81,500	234	11.5	70	30	1	153	7.5	3	45	30
Dungannon	48,200	165	13.7	46	28	2	81	6.7	-	25	18
Newry & Mourne	88,500	327	14.8	91	28	1	151	6.8	1	34	38
<b>Western Board</b>	<b>284,900</b>	<b>978</b>	<b>13.7</b>	<b>331</b>	<b>34</b>	<b>7</b>	<b>532</b>	<b>7.5</b>	<b>2</b>	<b>127</b>	<b>127</b>
Fermanagh	58,100	181	12.5	41	23	1	131	9.0	-	34	28
Limavady	33,200	114	13.7	37	32	1	48	5.8	-	7	16
Derry	106,200	382	14.4	173	45	3	193	7.3	2	54	41
Omagh	48,900	159	13.0	30	19	-	86	7.0	-	20	22
Strabane	38,400	142	14.8	50	35	2	74	7.7	-	12	20

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

**Table 4. DEATHS REGISTERED DURING QUARTER ENDED 30 JUNE 2003 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>1,668</b>	<b>1,774</b>	<b>1,512</b>	<b>855</b>	<b>543</b>	<b>532</b>	<b>23</b>	<b>17</b>	<b>75</b>	<b>73</b>	<b>154</b>	<b>302</b>	<b>681</b>	<b>1,151</b>	<b>966</b>
A00-B99	Certain Infectious and Parasitic Diseases	22	18	21	8	7	4	0	2	0	0	2	2	8	13	13
C00-D48	Neoplasms	463	454	396	243	145	133	0	2	8	16	51	134	274	297	135
C00-C97	Malignant Neoplasms	446	443	385	238	139	127	0	2	8	16	49	132	270	283	129
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	3	7	6	3	0	1	0	1	0	0	0	0	0	8	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	36	31	28	19	9	11	0	1	1	4	2	6	22	18	13
F00-F99	Mental and Behavioural Disorders	21	56	41	14	13	9	0	0	2	4	3	3	7	21	37
G00-H95	Diseases of the Nervous System and the Sense Organs	44	54	55	19	12	12	0	4	3	2	4	6	14	25	40
I00-I99	Disease of the Circulatory System	613	704	551	328	219	219	0	1	4	12	44	93	232	501	430
I20-I25	Ischaemic Heart Disease	380	343	283	184	129	127	0	0	0	6	34	58	145	282	198
I60-I69	Cerebrovascular Disease	115	221	150	87	49	50	0	1	3	2	6	13	37	123	151
J00-J99	Diseases of the Respiratory System	228	237	215	114	65	71	2	0	0	3	4	21	93	161	181
K00-K93	Diseases of the Digestive System	68	84	59	40	25	28	0	0	3	9	20	18	19	45	38
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	9	16	12	7	5	1	1	1	1	0	0	1	3	8	10
N00-N99	Diseases of the Genitourinary System	33	46	26	20	18	15	0	0	0	0	2	4	4	34	35
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	11	5	8	2	4	2	16	0	0	0	0	0	0	0	0
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	6	6	6	3	1	2	3	1	1	2	3	1	0	1	0
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	4	14	16	2	0	0	1	0	0	0	0	1	0	4	12
V01-Y98	All External Causes of Morbidity and Mortality	107	41	71	33	20	24	0	4	51	21	19	12	5	15	21
V01-V99	Transport Accidents	29	6	14	7	5	9	0	2	24	3	3	2	0	1	0
X60-X84, Y87.0	Suicide and Self-Inflicted Injury	29	8	20	10	3	4	0	1	15	12	7	1	0	1	0

## **GENERAL NOTES**

The figures on births and deaths have been compiled from returns furnished by the local registrars. The figures are provisional and the 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 2002 and 2003 data are calculated on the estimated home population as at 30 June 2002, the 2003 mid-year estimate will be published in summer 2004. 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

### **Quarterly Series**

No quarterly reports were produced for 2001 or 2002 due to the change over from ICD9 to ICD10; therefore there is a gap in the numbering of the reports. The last published report was Quarter 4, 2000, No 316. It is planned to produce the missing reports within the next few months and they will be placed on the NISRA website: [www.nisra.gov.uk](http://www.nisra.gov.uk).

### **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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