

# The Registrar General's Quarterly Report

9:30am – Friday 23 December 2005

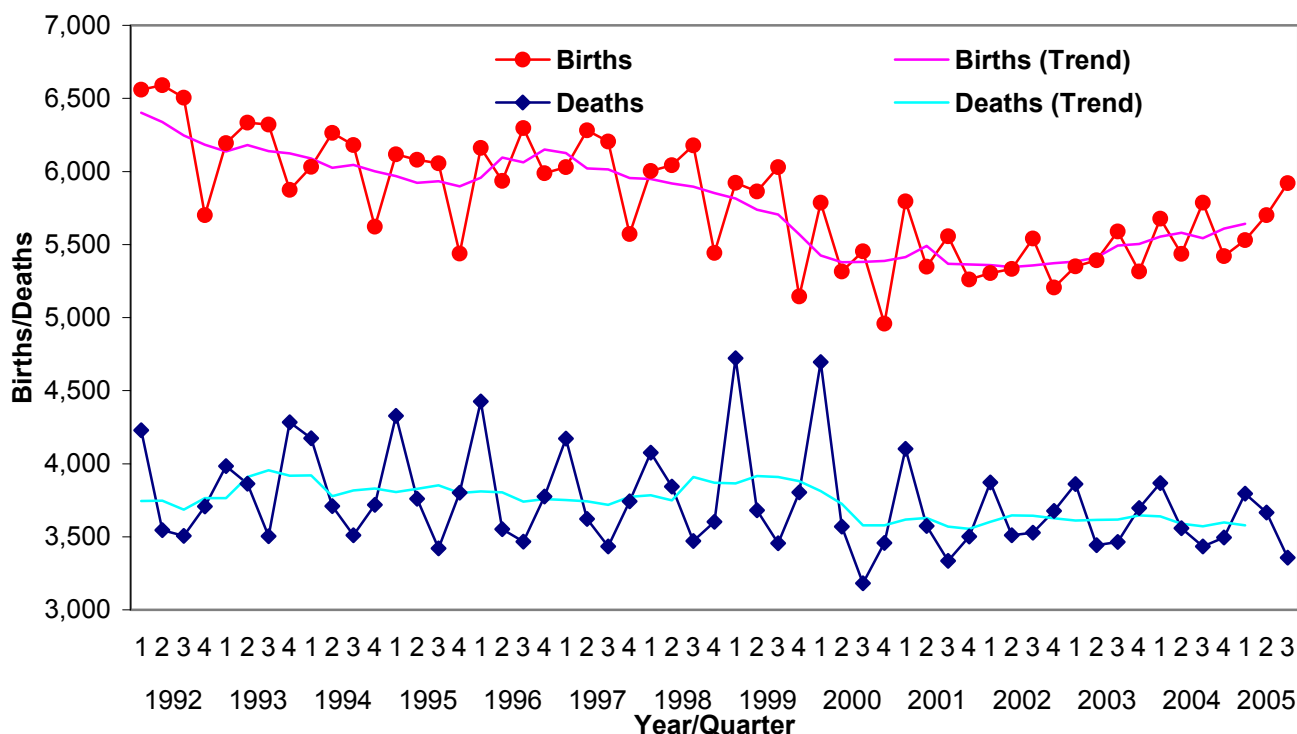
## Births/Stillbirths: July – September 2005

- The number of births registered in the quarter under review was 5,920 (3,021 males and 2,899 females). The annualised rate was 13.8 births per 1,000 of the estimated population, which was 0.3 above that for the corresponding quarter of 2004.
- Live births outside marriage numbered 2,120, which represented 35.8 per cent of the total live births registered.
- The number of stillbirths registered was 17 and the rate was 2.9 stillbirths per 1,000 births.

## Deaths: July – September 2005

- Deaths registered during the quarter numbered 3,358 (1,669 males and 1,689 females). The annualised rate was 7.9 deaths per 1,000 of the estimated population, which was 0.1 less than the rate for the corresponding quarter of 2004.
- Deaths of children aged under one year numbered 39, representing an infant mortality rate of 6.2 infant deaths per 1,000 live births registered.
- The number of deaths from cancer totalled 928, comprising of 491 males and 437 females. Cancer deaths accounted for 27.6 per cent of the total deaths in this quarter.
- The number of deaths from ischaemic heart disease totalled 618 comprising of 327 males and 291 females deaths. These accounted for 18.4 per cent of the total deaths in the quarter.

**Figure 1. QUARTERLY BIRTHS AND DEATHS, 1992 to 2005 (Quarter 3)**



Note: non-zero y axis

**Table 1. VITAL STATISTICS BY QUARTER FROM QUARTER 1 2002**

REG. YEAR	REG. QUARTER	BIRTHS	PERCENTAGE OUTSIDE MARRIAGE	STILLBIRTHS	DEATHS	DUE TO CANCER	DUE TO ISCHAEMIC HEART DISEASE
2002	1st	5,304	33.7	23	3,871	877	790
	2nd	5,334	33.1	30	3,511	887	707
	3rd	5,542	33.5	32	3,527	944	717
	4th	5,205	33.6	37	3,677	944	734
2003	1st	5,350	34.4	29	3,860	906	786
	2nd	5,392	33.1	27	3,442	889	723
	3rd	5,590	34.1	25	3,464	989	644
	4th	5,316	35.9	27	3,696	973	690
2004	1st	5,677	35.2	27	3,867	935	761
	2nd	5,435	33.7	33	3,558	921	660
	3rd	5,786	33.9	26	3,434	939	663
	4th	5,420	35.3	27	3,495	962	697
2005	1st	5,530	36.3	31	3,796	946	716
	2nd	5,700	35.9	19	3,665	971	694
	3rd	5,920	35.8	17	3,358	928	618

**Table 2. VITAL STATISTICS BY REGISTRATION MONTH FROM JANUARY 2002**

<b>REGISTRATION YEAR</b>	<b>REGISTRATION MONTH</b>	<b>BIRTHS</b>	<b>STILLBIRTHS</b>	<b>DEATHS</b>
<b>2002</b>	<b>January</b>	2,103	12	1,419
	<b>February</b>	1,524	6	1,250
	<b>March</b>	1,677	5	1,202
	<b>April</b>	1,817	10	1,237
	<b>May</b>	1,898	11	1,234
	<b>June</b>	1,619	9	1,040
	<b>July</b>	1,850	11	1,243
	<b>August</b>	1,821	9	1,111
	<b>September</b>	1,871	12	1,173
	<b>October</b>	1,943	8	1,263
	<b>November</b>	1,733	11	1,203
	<b>December</b>	1,529	18	1,211
<b>2003</b>	<b>January</b>	2,109	9	1,432
	<b>February</b>	1,546	9	1,236
	<b>March</b>	1,695	11	1,192
	<b>April</b>	1,799	9	1,149
	<b>May</b>	1,795	7	1,133
	<b>June</b>	1,798	11	1,160
	<b>July</b>	1,982	10	1,190
	<b>August</b>	1,729	8	1,063
	<b>September</b>	1,879	7	1,211
	<b>October</b>	2,032	10	1,266
	<b>November</b>	1,705	9	1,222
	<b>December</b>	1,579	8	1,208
<b>2004</b>	<b>January</b>	2,145	13	1,405
	<b>February</b>	1,614	6	1,200
	<b>March</b>	1,918	8	1,262
	<b>April</b>	1,828	10	1,236
	<b>May</b>	1,719	13	1,117
	<b>June</b>	1,889	10	1,205
	<b>July</b>	1,846	7	1,153
	<b>August</b>	1,885	7	1,140
	<b>September</b>	2,055	12	1,141
	<b>October</b>	1,884	6	1,160
	<b>November</b>	1,978	12	1,243
	<b>December</b>	1,558	9	1,092
<b>2005</b>	<b>January</b>	2,162	9	1,306
	<b>February</b>	1,654	12	1,216
	<b>March</b>	1,714	10	1,274
	<b>April</b>	1,972	6	1,199
	<b>May</b>	1,830	8	1,236
	<b>June</b>	1,898	5	1,230
	<b>July</b>	1,833	6	1,057
	<b>August</b>	2,041	6	1,162
	<b>September</b>	2,046	5	1,139

**Table 3. VITAL STATISTICS BY AREA (Registered between 1 July 2005 and 30 September 2005)**

AREA <sup>1</sup>	ESTIMATED POPULATION 30 JUNE 2004	BIRTHS				STILL BIRTHS	DEATHS				
		LIVE BIRTHS	BIRTH RATE	OUTSIDE MARRIAGE			ALL DEATHS	DEATH RATE	UNDER 1 YEAR	DUE TO CANCER	DUE TO ISC. HEART DISEASE
				NO.	%						
<b>Northern Ireland</b>	<b>1,710,300</b>	<b>5,920</b>	<b>13.8</b>	<b>2,120</b>	<b>36</b>	<b>17</b>	<b>3,358</b>	<b>7.9</b>	<b>39</b>	<b>928</b>	<b>618</b>
<b>Eastern Board</b>	<b>664,100</b>	<b>2,087</b>	<b>12.6</b>	<b>932</b>	<b>45</b>	<b>8</b>	<b>1,454</b>	<b>8.8</b>	<b>16</b>	<b>412</b>	<b>257</b>
Ards	74,600	231	12.4	81	35	-	166	8.9	2	50	32
Belfast	269,000	849	12.6	482	57	5	627	9.3	8	184	103
Castlereagh	65,800	193	11.7	60	31	1	156	9.5	1	41	29
Down	66,800	188	11.3	72	38	-	126	7.5	2	39	19
Lisburn	110,200	396	14.4	150	38	1	199	7.2	1	55	44
North Down	77,600	230	11.9	87	38	1	180	9.3	2	43	30
<b>Northern Board</b>	<b>435,900</b>	<b>1,483</b>	<b>13.6</b>	<b>481</b>	<b>32</b>	<b>2</b>	<b>820</b>	<b>7.5</b>	<b>11</b>	<b>219</b>	<b>161</b>
Antrim	49,800	173	13.9	56	32	-	72	5.8	2	13	12
Ballymena	60,000	219	14.6	66	30	-	108	7.2	-	22	24
Ballymoney	28,300	111	15.7	39	35	-	60	8.5	-	24	15
Carrickfergus	38,700	139	14.4	58	42	-	84	8.7	3	21	14
Coleraine	56,500	148	10.5	45	30	-	122	8.6	1	30	23
Cookstown	33,700	114	13.5	38	33	-	74	8.8	2	17	15
Larne	30,900	97	12.6	37	38	-	64	8.3	-	15	18
Magherafelt	41,300	164	15.9	36	22	2	65	6.3	2	13	10
Moyle	16,400	52	12.7	21	40	-	36	8.8	-	9	9
Newtownabbey	80,300	266	13.3	85	32	-	135	6.7	1	55	21
<b>Southern Board</b>	<b>321,400</b>	<b>1,282</b>	<b>16.0</b>	<b>346</b>	<b>27</b>	<b>3</b>	<b>582</b>	<b>7.2</b>	<b>4</b>	<b>153</b>	<b>100</b>
Armagh	54,900	220	16.0	51	23	-	99	7.2	-	22	15
Banbridge	43,800	168	15.4	46	27	-	69	6.3	1	18	14
Craigavon	83,200	316	15.2	106	34	3	148	7.1	-	43	35
Dungannon	49,300	194	15.7	45	23	-	114	9.2	1	21	15
Newry & Mourne	90,300	384	17.0	98	26	-	152	6.7	2	49	21
<b>Western Board</b>	<b>288,900</b>	<b>1,068</b>	<b>14.8</b>	<b>361</b>	<b>34</b>	<b>4</b>	<b>502</b>	<b>6.9</b>	<b>8</b>	<b>144</b>	<b>100</b>
Fermanagh	59,300	185	12.5	50	27	2	125	8.4	2	31	29
Limavady	34,000	124	14.6	40	32	-	58	6.8	2	14	8
Derry	106,900	417	15.6	185	44	1	176	6.6	2	56	29
Omagh	50,100	202	16.1	29	14	-	82	6.5	1	27	23
Strabane	38,700	140	14.5	57	41	1	61	6.3	1	16	11

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

**Table 4. DEATHS CLASSIFIED BY CAUSE, GENDER, HEALTH BOARD AND AGE GROUP  
(Registered between 1 July 2005 and 30 September 2005)**

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>1,669</b>	<b>1,689</b>	<b>1,454</b>	<b>820</b>	<b>582</b>	<b>502</b>	<b>39</b>	<b>18</b>	<b>96</b>	<b>84</b>	<b>178</b>	<b>387</b>	<b>570</b>	<b>1,107</b>	<b>879</b>
A00-B99	Certain Infectious and Parasitic Diseases	23	20	20	11	7	5	-	-	1	-	-	3	9	16	14
C00-D48	Neoplasms	508	448	423	227	158	148	-	1	4	17	63	180	224	322	145
C00-C97	Malignant Neoplasms	491	437	412	219	153	144	-	1	4	17	60	180	219	309	138
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	3	4	5	1	1	-	-	2	-	-	-	1	-	1	3
E00-E90	Endocrine, Nutritional and Metabolic Diseases	35	41	27	22	12	15	-	1	3	-	1	3	13	33	22
F00-F99	Mental and Behavioural Disorders	35	39	35	21	15	3	-	-	-	7	8	5	7	17	30
G00-H95	Diseases of the Nervous System and the Sense Organs	47	55	52	21	19	10	-	1	1	3	5	12	15	34	31
I00-I99	Disease of the Circulatory System	538	607	471	297	183	194	-	2	5	11	37	96	190	435	369
I20-I25	Ischaemic Heart Disease	327	291	257	161	100	100	-	-	1	4	30	69	110	247	157
I60-I69	Cerebrovascular Disease	112	180	120	74	47	51	-	-	1	3	1	16	38	112	121
J00-J99	Diseases of the Respiratory System	171	203	160	88	71	55	-	1	2	4	11	23	59	126	148
K00-K93	Diseases of the Digestive System	76	75	63	38	28	22	-	1	3	9	21	27	21	41	28
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	8	29	18	7	6	6	-	-	2	-	-	1	8	17	9
N00-N99	Diseases of the Genitourinary System	35	57	42	20	23	7	-	-	-	-	1	2	7	39	43
O00-O99	Pregnancy, Childbirth and the Puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	13	8	8	5	1	7	21	-	-	-	-	-	-	-	-
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	18	8	11	6	7	2	15	3	-	2	-	3	2	1	-
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	11	18	19	5	3	2	3	-	5	-	1	3	-	2	15
V01-Y98	All External Causes of Morbidity and Mortality	148	77	100	51	48	26	-	6	70	31	30	28	15	23	22
V01-V99	Transport Accidents	41	13	14	10	22	8	-	4	32	5	5	1	1	6	-
X60-X84, Y87.0; Y10-Y34, Y87.2	Suicide, Self-Inflicted Injury and Events of Undetermined Intent	51	16	26	18	13	10	-	-	23	20	9	13	1	1	-

## **GENERAL NOTES**

The figures on births and deaths in this report are provisional. Final figures are published in the relevant 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. Vital events included in this report relate to those registered during the quarterly period. Some events may have occurred prior to this registration quarter; this is especially the case with events such as infant death or suicide, which are likely to be referred to the coroner and thus take some time to be registered.

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

Rates for 2004 and 2005 data are calculated on the estimated home population as at 30<sup>th</sup> June 2004. All quarterly rates have been annualised by multiplying 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.

### **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. The ICD10 codes used for the causes of death in Tables 1 and 3 are as follows:

Cancer	C00-C97
Ischaemic Heart Disease	I20-I25

### **Cancer**

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

### **Suicide, Self-Inflicted Injury and Events of undetermined intent**

In the UK, in considering suicide events it is conventional to include cases where the cause of death is classified as either 'Suicide and self-inflicted injury' or 'Undetermined injury'. The ICD codes used for 'Suicide and self-inflicted injury' are X60-X84 and Y87.0, and the ICD codes used for 'Undetermined injury' are Y10-Y34 and Y87.2.

### **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:

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