

The Registrar General's Quarterly Report

9.30am – Thursday 24 March 2011

Births/Stillbirths: October to December 2010

- The number of births registered in the quarter under review was 6,168 (3,131 males and 3,037 females). The annualised rate was 13.8 births per 1,000 of the estimated population, which was 0.4 above the rate for the corresponding quarter of 2009.
- Live births outside marriage numbered 2,498, which represented 40.5 per cent of the total live births registered.
- The number of stillbirths registered was 30 and the rate was 4.8 stillbirths per 1,000 births.

Deaths: October to December 2010

- Deaths registered during the quarter numbered 3,724 (1,802 males and 1,922 females). The annualised rate was 8.3 deaths per 1,000 of the estimated population, which was 0.4 above that for the corresponding quarter of 2009.
- Deaths registered of children aged under one year numbered 40, representing an infant mortality rate of 6.4 infant deaths per 1,000 live births registered, in the corresponding quarter of 2009 there were 21 infant deaths registered.
- The number of deaths from cancer totalled 1,029, comprising of 538 males and 491 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 557 comprising of 309 males and 248 females deaths. These accounted for 15.0 per cent of the total deaths in the quarter.

Marriages and Civil Partnerships: October to December 2010

- Marriages registered during the fourth quarter of 2010 numbered 1,609, which was 144 more than that registered in the corresponding quarter of 2009.
- In the fourth quarter of 2010, 25 civil partnerships were registered. In the corresponding quarter of 2009, 30 civil partnerships were registered.

Figure 1a. QUARTERLY BIRTHS and DEATHS, 1995 to 2010 (Q4)

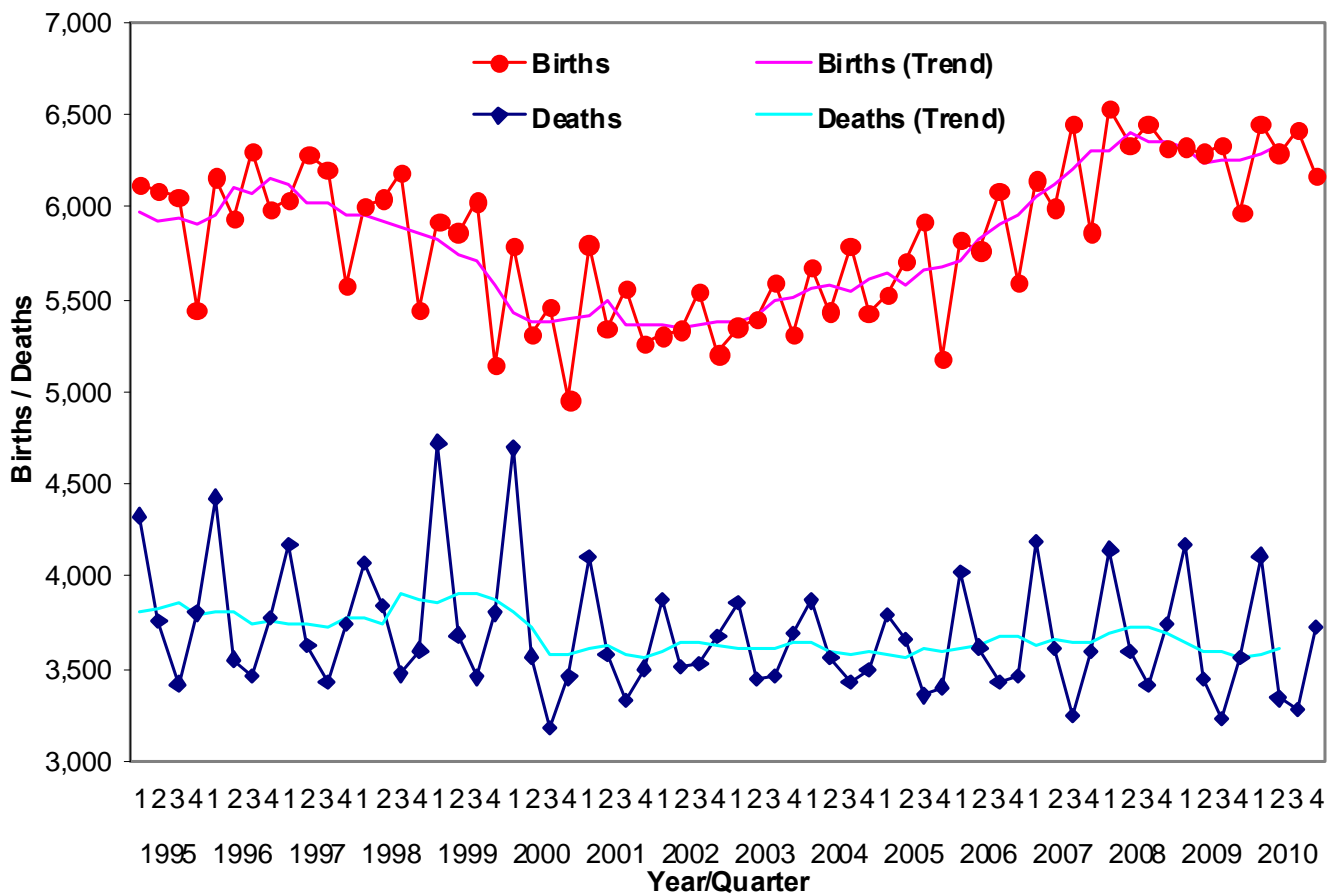


Figure 1b. QUARTERLY MARRIAGES, 1995 to 2010 (Q4)

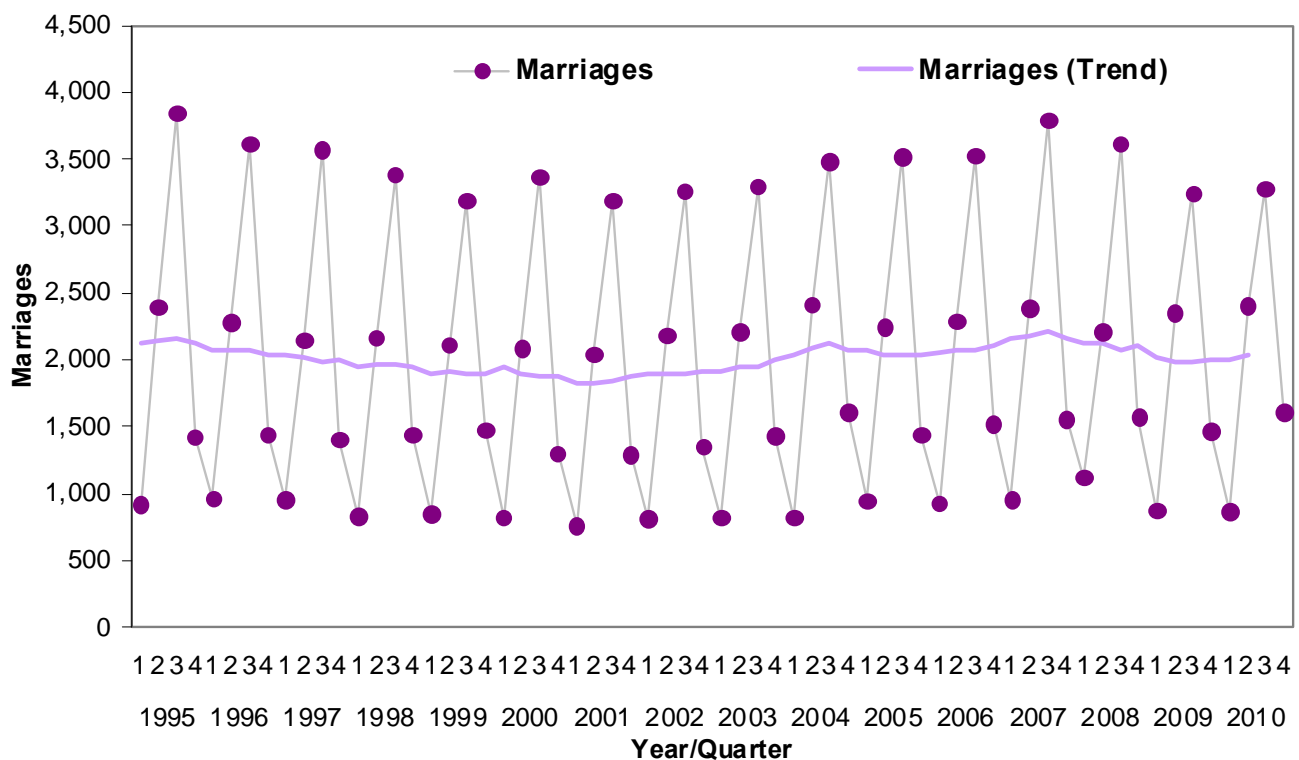


Table 1a. BIRTH, MARRIAGE AND CIVIL PARTNERSHIP STATISTICS BY QUARTER FROM QUARTER 1 2005

REG. YEAR	REG. QUARTER	BIRTHS		OUTSIDE MARRIAGE ³ (%)	BIRTHS TO TEENAGE MOTHERS ²		BIRTHS TO MOTHERS AGED 30 AND OVER		MARRIAGES	CIVIL MARRIAGES (%)	CIVIL PARTNERSHIPS ⁴
		NUMBER	RATE ¹		NUMBER	%	NUMBER	%			
2005	1st	5,530	12.8	36.3	357	6.5	2,763	50.0	948	39.3	
	2nd	5,700	13.2	35.9	346	6.1	2,880	50.5	2,238	26.8	
	3rd	5,918	13.7	35.8	359	6.1	3,018	51.0	3,515	23.5	
	4th	5,180	12.0	37.3	333	6.4	2,598	50.2	1,439	30.0	12
2006	1st	5,822	13.4	37.0	339	5.8	2,950	50.7	928	37.1	31
	2nd	5,765	13.2	38.1	367	6.4	2,819	48.9	2,287	30.3	35
	3rd	6,090	14.0	37.5	365	6.0	3,077	50.5	3,528	25.5	31
	4th	5,595	12.9	39.3	356	6.4	2,773	49.6	1,516	33.8	19
2007	1st	6,144	14.0	38.3	378	6.2	3,063	49.9	956	37.6	22
	2nd	5,994	13.6	36.5	321	5.4	3,052	50.9	2,389	31.0	29
	3rd	6,450	14.7	38.6	381	5.9	3,194	49.5	3,791	24.9	38
	4th	5,863	13.3	38.0	325	5.5	2,920	49.8	1,551	32.9	22
2008	1st	6,534	14.7	39.6	401	6.1	3,151	48.2	1,118	36.9	18
	2nd	6,333	14.3	38.4	349	5.5	3,085	48.7	2,208	29.3	23
	3rd	6,450	14.5	38.6	350	5.4	3,210	49.8	3,612	24.4	23
	4th	6,314	14.2	38.9	326	5.2	3,160	50.0	1,572	33.7	22
2009	1st	6,322	14.1	40.9	367	5.8	3,023	47.8	873	36.7	14
	2nd	6,291	14.1	38.9	311	4.9	3,096	49.2	2,348	29.2	24
	3rd	6,330	14.2	39.7	313	4.9	3,159	49.9	3,245	26.2	28
	4th	5,967	13.3	39.5	343	5.7	3,033	50.8	1,465	32.4	30
2010	1st	6,443	14.4	40.7	364	5.6	3,194	49.6	862	39.4	19
	2nd	6,292	14.1	39.9	280	4.5	3,164	50.3	2,406	30.6	26
	3rd	6,412	14.3	40.6	326	5.1	3,215	50.1	3,279	27.8	46
	4th	6,168	13.8	40.5	295	4.8	3,227	52.3	1,609	32.8	25

¹ Rate per 1,000 population

² Mothers aged under 20

³ From 2009 onwards, includes birth registrations outside civil partnerships for cases registered under the Human Fertility and Embryology Act

⁴ Civil Partnerships introduced in December 2005

Table 1b. STILLBIRTH AND DEATH STATISTICS BY QUARTER FROM QUARTER 1 2005

REG. YEAR	REG. QUARTER	STILL-BIRTHS	DEATHS		INFANT DEATHS	DUE TO CANCER	DUE TO ISCHAEMIC HEART DISEASE	DUE TO RESPIRATORY DISEASE	DUE TO SUICIDE ²	MRSA RELATED DEATHS	C. DIFFICILE RELATED DEATHS
			NUMBER	RATE ¹							
2005	1st	30	3,796	8.8	29	946	716	613	45	16	11
	2nd	19	3,665	8.5	41	971	694	506	51	16	7
	3rd	17	3,358	7.8	39	927	618	374	67	21	9
	4th	23	3,405	7.9	31	891	680	428	50	16	8
2006	1st	24	4,022	9.2	31	1,004	761	590	54	18	20
	2nd	23	3,619	8.3	27	949	636	521	82	9	16
	3rd	27	3,427	7.9	30	963	594	407	80	8	15
	4th	15	3,464	8.0	33	932	565	464	75	21	12
2007	1st	23	4,188	9.5	42	995	715	659	65	12	15
	2nd	25	3,612	8.2	31	967	632	458	47	18	15
	3rd	27	3,253	7.4	30	951	535	403	56	7	17
	4th	27	3,596	8.2	20	957	612	472	74	22	30
2008	1st	26	4,145	9.3	31	1,016	685	674	64	22	58
	2nd	26	3,599	8.1	30	946	612	508	62	30	37
	3rd	32	3,419	7.7	25	1,035	546	402	64	17	50
	4th	31	3,744	8.4	37	974	567	512	92	15	46
2009	1st	38	4,177	9.3	42	978	695	706	69	16	44
	2nd	23	3,442	7.7	31	953	545	472	68	16	31
	3rd	27	3,235	7.2	36	974	490	370	63	9	19
	4th	31	3,559	8.0	21	980	575	469	60	9	30
2010	1st	30	4,114	9.2	39	1,013	681	597	96	7	25
	2nd	21	3,340	7.5	36	965	504	415	58	9	23
	3rd	24	3,279	7.3	31	1,011	492	382	80	8	26
	4th	30	3,724	8.3	40	1,029	557	492	79	5	17

¹ Rate per 1,000 population

² In the UK, when reporting deaths from suicide, it is conventional to include cases where the cause of death is classified as either 'Intentional self-harm' or 'Event of undetermined intent'

Table 2. VITAL STATISTICS BY REGISTRATION MONTH FROM JANUARY 2007

REGISTRATION YEAR	REGISTRATION MONTH	BIRTHS	STILLBIRTHS	DEATHS	MARRIAGES	CIVIL PARTNERSHIPS
2007	January	2,402	7	1,551	311	6
	February	1,807	5	1,333	282	11
	March	1,935	11	1,304	363	5
	April	1,958	8	1,270	635	9
	May	2,071	11	1,214	798	12
	June	1,965	6	1,128	956	8
	July	2,141	15	1,132	1,328	16
	August	2,219	7	1,144	1,385	11
	September	2,090	5	977	1,078	11
	October	2,277	8	1,277	740	9
	November	1,962	10	1,205	418	5
	December	1,624	9	1,114	393	8
2008	January	2,660	12	1,579	316	5
	February	1,981	7	1,252	290	7
	March	1,893	7	1,314	512	6
	April	2,281	11	1,318	534	6
	May	1,984	10	1,115	705	9
	June	2,068	5	1,166	969	8
	July	2,228	5	1,195	1,074	8
	August	2,069	12	1,021	1,339	11
	September	2,153	15	1,203	1,199	4
	October	2,399	18	1,196	710	9
	November	1,998	3	1,129	392	7
	December	1,917	10	1,419	470	6
2009	January	2,335	10	1,677	263	8
	February	1,901	17	1,248	259	2
	March	2,086	11	1,252	351	4
	April	2,122	9	1,160	645	12
	May	1,976	8	1,075	739	7
	June	2,193	6	1,207	964	5
	July	2,166	11	1,112	1,056	5
	August	1,977	5	975	1,058	10
	September	2,187	11	1,148	1,131	13
	October	2,082	14	1,155	635	10
	November	2,017	9	1,158	427	14
	December	1,868	8	1,246	403	6
2010	January	2,385	7	1,445	243	-
	February	1,908	14	1,242	244	8
	March	2,150	9	1,427	375	11
	April	2,121	6	1,165	643	7
	May	1,948	5	1,012	738	5
	June	2,223	10	1,163	1,025	14
	July	2,142	8	1,057	1,018	15
	August	2,102	6	1,111	1,216	14
	September	2,168	10	1,111	1,045	17
	October	2,149	13	1,150	698	12
	November	2,221	11	1,288	457	9
	December	1,798	6	1,286	454	4

Table 3. VITAL STATISTICS BY AREA (Registered between 1 October 2010 and 31 December 2010)

AREA	ESTIMATED POPULATION 30 JUNE 2009	BIRTHS				STILL BIRTHS	DEATHS BY AGE			CAUSE OF DEATH		MARRIAGES
		LIVE BIRTHS	BIRTH RATE ¹	OUTSIDE MARRIAGE ²			ALL AGES	DEATH RATE ¹	UNDER 1 YEAR	CANCER	ISCHAEMIC HEART DISEASE	
				Number	%							
Northern Ireland	1,788,900	6,168	13.8	2,498	40	30	3,724	8.3	40	1,029	557	1,609
Belfast HSC Trust	335,200	1,229	14.7	654	53	1	841	10.0	6	213	127	312
Belfast	268,400	1,008	15.0	578	57	1	677	10.1	6	175	103	279
Castlereagh	66,800	221	13.2	76	34	-	164	9.8	-	38	24	33
Northern HSC Trust	457,100	1,468	12.8	532	36	7	934	8.2	8	264	132	399
Antrim	54,000	188	13.9	70	37	-	89	6.6	2	23	17	46
Ballymena	63,200	184	11.7	63	34	3	141	8.9	-	41	24	68
Ballymoney	30,400	106	13.9	39	37	2	58	7.6	1	16	10	24
Carrickfergus	40,100	101	10.1	46	46	1	83	8.3	-	18	12	62
Coleraine	57,100	168	11.8	71	42	-	127	8.9	-	37	16	49
Cookstown	36,300	132	14.6	39	30	-	73	8.0	-	22	14	31
Larne	31,400	88	11.2	34	39	-	66	8.4	2	22	4	27
Magherafelt	44,200	166	15.0	40	24	-	64	5.8	1	15	7	43
Moyle	16,900	44	10.4	15	34	1	33	7.8	-	14	1	9
Newtownabbey	83,400	291	14.0	115	40	-	200	9.6	2	56	27	40
South Eastern HSC Trust	344,400	1102	12.8	427	39	6	754	8.8	7	222	110	313
Ards	78,100	206	10.6	75	36	1	193	9.9	-	56	23	44
Down	70,300	216	12.3	91	42	1	139	7.9	2	44	20	69
Lisburn	116,500	439	15.1	187	43	2	229	7.9	3	70	41	84
North Down	79,600	241	12.1	74	31	2	193	9.7	2	52	26	116
Southern HSC Trust	353,900	1,367	15.5	457	33	10	665	7.5	13	178	113	331
Armagh	58,800	211	14.3	64	30	1	121	8.2	1	37	16	73
Banbridge	47,600	180	15.1	40	22	2	96	8.1	2	29	22	29
Craigavon	92,400	368	15.9	151	41	2	176	7.6	2	40	41	66
Dungannon	56,400	232	16.4	77	33	1	106	7.5	2	29	15	51
Newry & Mourne	98,700	376	15.2	125	33	4	166	6.7	6	43	19	112
Western HSC Trust	298,300	1,002	13.4	428	43	6	530	7.1	6	152	75	254
Fermanagh	62,400	221	14.2	70	32	2	123	7.9	-	40	19	75
Limavady	34,000	112	13.2	49	44	-	61	7.2	-	16	7	29
Derry	109,600	364	13.3	193	53	3	191	7.0	5	51	21	79
Omagh	52,400	171	13.0	51	30	1	80	6.1	1	26	15	47
Strabane	39,900	134	13.4	65	49	-	75	7.5	-	19	13	24

¹ Rate per 1,000 population

² From 2009 onwards, includes birth registrations outside civil partnerships for cases registered under the Human Fertility and Embryology Act

Table 4a. DEATHS REGISTERED DURING QUARTER ENDED 31 DECEMBER 2010 CLASSIFIED BY CAUSE, GENDER AND AGE GROUP

ICD10 Code	Cause of Death	Gender		Age Group										
		Males	Females	0	1-14	15-34	35-44	45-54	55-64	65-74	75-79	80-84	85-89	90+
A00-Y98	All Causes of Death	1,802	1,922	40	9	100	94	204	351	643	497	634	588	564
A00-B99	Certain Infectious and Parasitic Diseases	17	21	-	1	-	2	1	3	4	5	8	10	4
C00-D48	Neoplasms	552	499	-	2	10	24	70	163	285	174	169	100	54
<i>C00-C97</i>	<i>Malignant Neoplasms</i>	538	491	-	2	10	22	70	161	279	170	167	96	52
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	3	-	-	-	-	-	-	-	-	2	1	-	-
E00-E90	Endocrine, Nutritional and Metabolic Diseases	43	38	1	1	7	5	9	4	12	9	14	8	11
F00-F99	Mental and Behavioural Disorders	42	110	-	-	2	1	4	4	7	8	25	52	49
G00-H95	Diseases of the Nervous System and the Sense Organs	72	93	2	1	3	3	7	10	16	16	37	32	38
I00-I99	Disease of the Circulatory System	557	598	-	-	5	14	42	79	189	165	226	215	220
<i>I20-I25</i>	<i>Ischaemic Heart Disease</i>	309	248	-	-	-	7	27	43	110	91	103	97	79
<i>I60-I69</i>	<i>Cerebrovascular Disease</i>	128	203	-	-	1	3	7	15	36	40	74	67	88
J00-J99	Diseases of the Respiratory System	209	283	-	1	4	5	9	34	81	62	87	106	103
K00-K93	Diseases of the Digestive System	81	94	-	-	2	7	18	28	28	23	30	26	13
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	15	16	-	-	1	1	1	3	2	6	8	2	7
N00-N99	Diseases of the Genitourinary System	39	58	-	-	-	-	2	4	6	14	24	21	26
O00-O99	Pregnancy, Childbirth and the Puerperium	-	1	-	-	1	-	-	-	-	-	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	13	8	21	-	-	-	-	-	-	-	-	-	-
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	13	13	14	1	2	2	2	3	2	-	-	-	-
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	7	33	1	-	2	2	1	2	-	-	1	5	26
V01-Y98	All External Causes of Morbidity and Mortality	139	57	1	2	61	28	38	14	11	13	4	11	13
<i>V01-V99</i>	<i>Transport Accidents</i>	22	8	-	2	15	3	3	1	2	4	-	-	-
<i>X60-X84, Y87.0 Y10-Y34, Y87.2</i>	<i>Suicide, Self-Inflicted Injury and Events of Undetermined Intent</i>	64	15	-	-	31	15	22	4	1	3	1	1	1

Table 4b. DEATHS REGISTERED DURING QUARTER ENDED 31 DECEMBER 2010 CLASSIFIED BY CAUSE AND HEALTH AND SOCIAL CARE TRUST

ICD10 Code	Cause of Death	Northern Ireland	HSC Trust				
			Belfast	Northern	South Eastern	Southern	Western
A00-Y98	All Causes of Death	3,724	841	934	754	665	530
A00-B99	Certain Infectious and Parasitic Diseases	38	9	13	4	5	7
C00-D48	Neoplasms	1,051	216	272	228	180	155
<i>C00-C97</i>	<i>Malignant Neoplasms</i>	<i>1,029</i>	<i>213</i>	<i>264</i>	<i>222</i>	<i>178</i>	<i>152</i>
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	3	2	-	-	-	1
E00-E90	Endocrine, Nutritional and Metabolic Diseases	81	23	11	16	15	16
F00-F99	Mental and Behavioural Disorders	152	30	44	28	33	17
G00-H95	Diseases of the Nervous System and the Sense Organs	165	44	40	38	28	15
I00-I99	Disease of the Circulatory System	1,155	253	284	230	229	159
<i>I20-I25</i>	<i>Ischaemic Heart Disease</i>	<i>557</i>	<i>127</i>	<i>132</i>	<i>110</i>	<i>113</i>	<i>75</i>
<i>I60-I69</i>	<i>Cerebrovascular Disease</i>	<i>331</i>	<i>73</i>	<i>85</i>	<i>66</i>	<i>62</i>	<i>45</i>
J00-J99	Diseases of the Respiratory System	492	124	140	84	68	76
K00-K93	Diseases of the Digestive System	175	45	42	38	26	24
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	31	6	5	8	7	5
N00-N99	Diseases of the Genitourinary System	97	17	25	20	19	16
O00-O99	Pregnancy, Childbirth and the Puerperium	1	-	1	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	21	4	4	3	8	2
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	26	3	7	4	6	6
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	40	12	9	12	6	1
V01-Y98	All External Causes of Morbidity and Mortality	196	53	37	41	35	30
<i>V01-V99</i>	<i>Transport Accidents</i>	<i>30</i>	<i>1</i>	<i>13</i>	<i>5</i>	<i>7</i>	<i>4</i>
<i>X60-X84, Y87.0 Y10-Y34, Y87.2</i>	<i>Suicide, Self-Inflicted Injury and Events of Undetermined Intent</i>	<i>79</i>	<i>23</i>	<i>10</i>	<i>23</i>	<i>14</i>	<i>9</i>

GENERAL NOTES

The figures in this report are provisional. Final figures are published in the relevant Registrar General's Annual Report.

Births, stillbirths, deaths, marriages and civil partnerships

Figures relate to those registered during the quarter under review. A birth or stillbirth is assigned to the usual place of residence of the mother and figures exclude 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. Non-resident deaths are included in the figures. Marriages and Civil Partnerships are assigned to the place of ceremony.

Registration and Occurrence

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. Events such as Christmas and Easter may have an affect on the timeliness of vital events registrations.

Birth, stillbirth and death rates

Rates for 2009 and 2010 data are calculated on the estimated home population as at 30th June 2009, the 2010 mid-year estimate will be published in Summer 2011. All quarterly 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. The ICD10 codes used for the causes of death in Tables 1b and 3 are as follows: Cancer (C00-C97); Ischaemic Heart Disease (I20-I25); Respiratory Disease (J00-J99).

Healthcare Associated Infections

It is not possible to identify directly from the ICD codes all deaths where MRSA or Clostridium difficile contributed to the death. However the data in Table 1b are collated by looking for all mentions of either MRSA or Clostridium difficile on the death certificate.

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 ICD10 codes used for 'Suicide and self-inflicted injury' are X60-X84 and Y87.0, and the ICD10 codes used for 'Undetermined injury' are Y10-Y34 and Y87.2. (Also see section above on Registration and Occurrence).

Seasonality

This short report presents selected information that illustrates seasonal variations in birth, deaths and marriages in Northern Ireland. More detailed analyses of seasonality in marriages are presented in the Marriages, Divorces and Civil Partnerships Press Release 2009.

Further Information

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

NISRA Customer Services

Phone: 028 90348160

E-mail: census.nisra@dfpni.gov.uk

Responsible Statistician: Dr David Marshall