

The Registrar General's Quarterly Report

9.30am – Thursday 25 March 2010

Births/Stillbirths: October to December 2009

- The number of births registered in the quarter under review was 5,967 (3,028 males and 2,939 females). The annualised rate was 13.4 births per 1,000 of the estimated population, which is 0.8 below the rate for the corresponding quarter of 2008.
- Live births outside marriage numbered 2,356, which represented 39.5 per cent of the total live births registered.
- The number of stillbirths registered was 31 and the rate was 5.2 stillbirths per 1,000 births.

Deaths: October to December 2009

- Deaths registered during the quarter numbered 3,559 (1,710 males and 1,849 females). The annualised rate was 8.0 deaths per 1,000 of the estimated population, which was 0.4 below that for the corresponding quarter of 2008.
- Deaths registered of children aged under one year numbered 21, representing an infant mortality rate of 3.5 infant deaths per 1,000 live births registered, in the corresponding quarter of 2008 there were 37 infant deaths registered.
- The number of deaths from cancer totalled 980, comprising of 511 males and 469 females. Cancer deaths accounted for 27.5 per cent of the total deaths in this quarter. The number of deaths from ischaemic heart disease totalled 575 comprising of 309 males and 266 females deaths. These accounted for 16.2 per cent of the total deaths in the quarter.

Marriages and Civil Partnerships: October to December 2009

- Marriages registered during the fourth quarter of 2009 numbered 1465, which was 107 less than that registered in the corresponding quarter of 2008.
- In the fourth quarter of 2009, 30 civil partnerships were registered. In the corresponding quarter of 2008, 22 civil partnerships were registered.

Figure 1a. QUARTERLY BIRTHS and DEATHS, 1994 to 2009 (Q4)

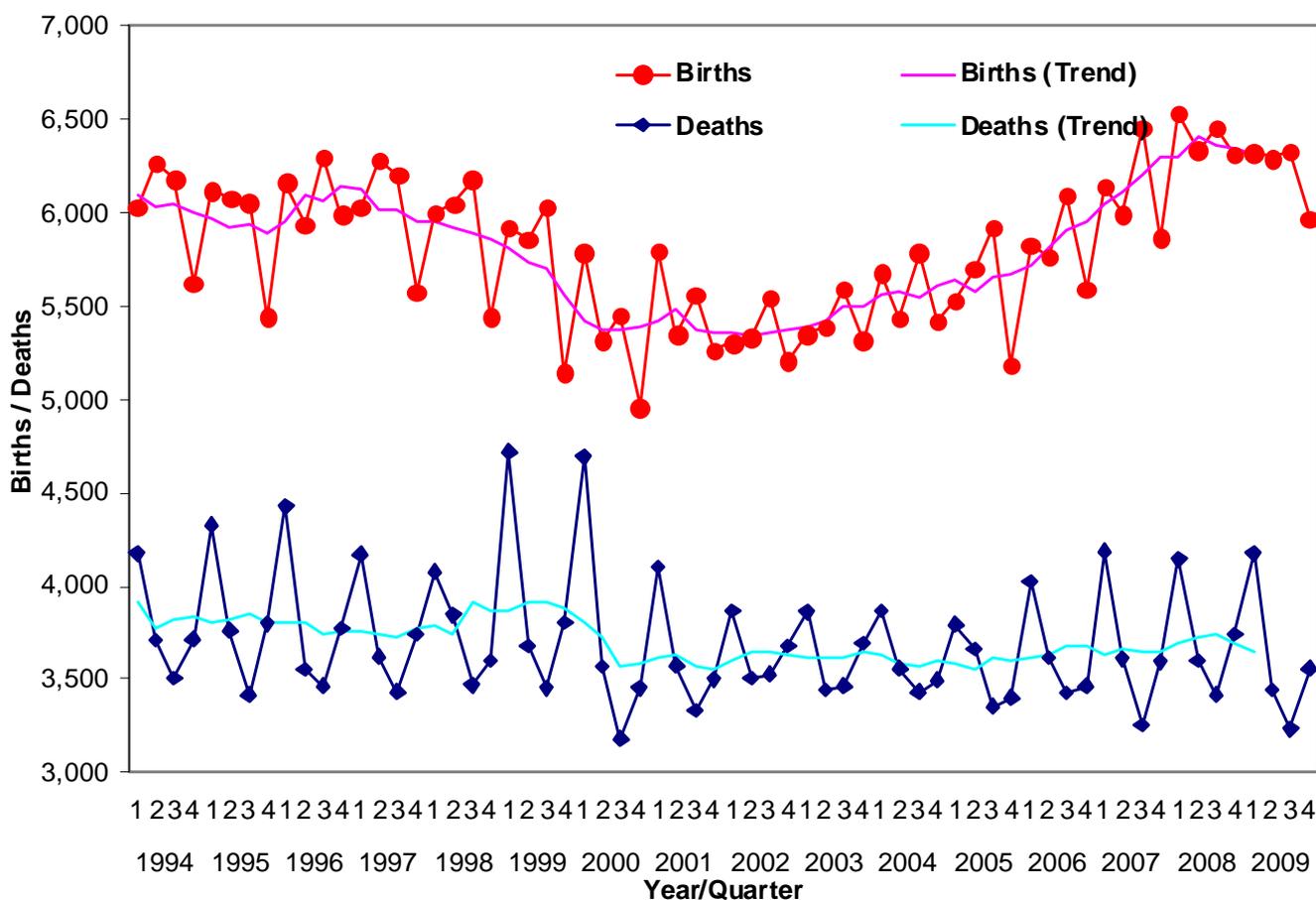


Figure 1b. QUARTERLY MARRIAGES, 1994 to 2009 (Q4)

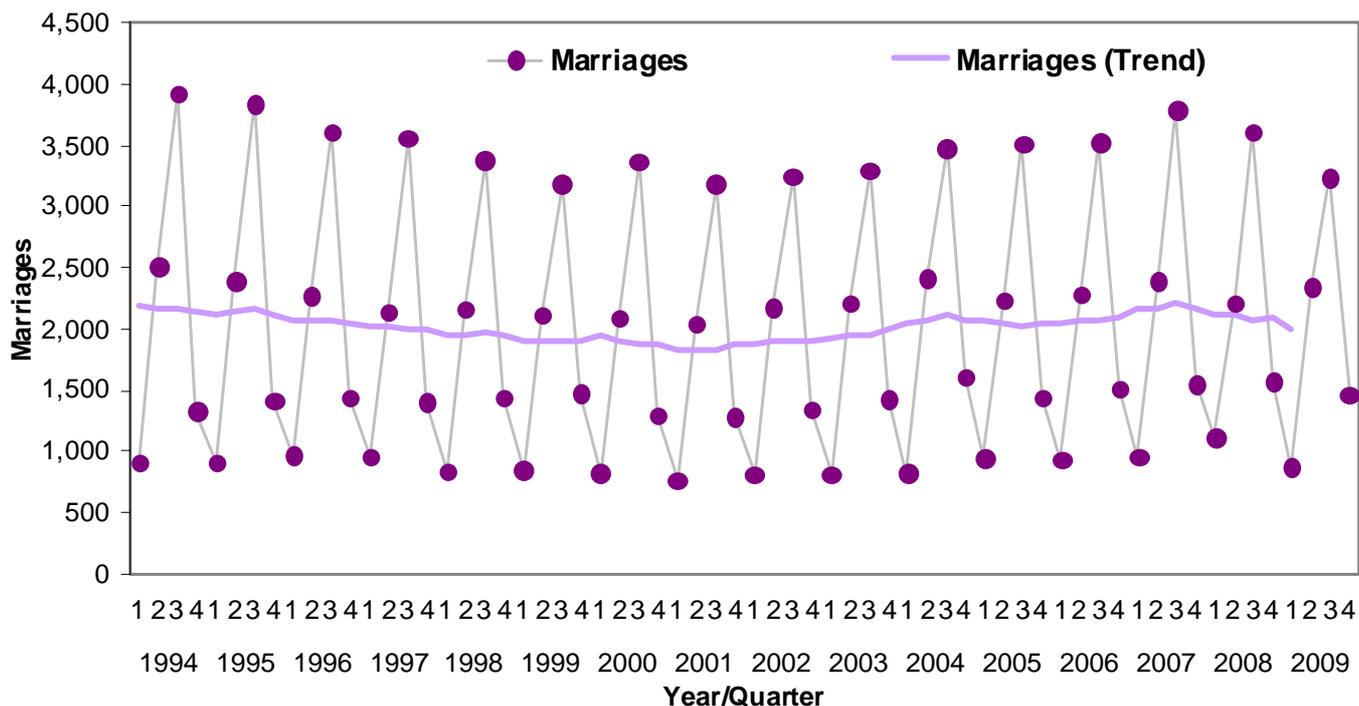


Table 1a. BIRTH, MARRIAGE AND CIVIL PARTNERSHIP STATISTICS BY QUARTER FROM QUARTER 1 2004

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
		NUMBER	RATE ¹		NUMBER	%	NUMBER	%			
2004	1st	5,677	13.3	35.2	401	7.1	2,834	49.9	822	41.1	
	2nd	5,435	12.7	33.7	337	6.2	2,810	51.7	2,414	31.4	
	3rd	5,786	13.5	33.9	387	6.7	2,959	51.1	3,485	27.1	
	4th	5,420	12.7	35.3	361	6.7	2,702	49.9	1,607	36.3	
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	14.2	40.9	367	5.8	3,023	47.8	873	36.7	14
	2nd	6,291	14.2	38.9	311	4.9	3,096	49.2	2,348	29.2	24
	3rd	6,330	14.3	39.7	313	4.9	3,159	49.9	3,245	26.2	28
	4th	5,967	13.4	39.5	343	5.7	3,033	50.8	1,465	32.4	30

Civil Partnerships introduced in December 2005

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

Table 1b. STILLBIRTH AND DEATH STATISTICS BY QUARTER FROM QUARTER 1 2004

REG. YEAR	REG. QUARTER	STILL-BIRTHS	DEATHS		INFANT DEATHS	DUE TO CANCER	DUE TO ISCHAEMIC HEART DISEASE	DUE TO RESPIRATORY DISEASE	DUE TO SUICIDE	MRSA RELATED DEATHS	C. DIFFICILE RELATED DEATHS
			NUMBER	RATE ¹							
2004	1st	27	3,867	9.0	31	935	761	628	37	11	16
	2nd	33	3,558	8.3	32	920	657	458	37	5	14
	3rd	26	3,434	8.0	35	940	658	425	37	14	7
	4th	27	3,495	8.2	24	962	699	439	35	14	7
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	9.4	42	978	695	706	69	17	44
	2nd	23	3,442	7.8	31	953	545	472	68	16	31
	3rd	27	3,235	7.3	36	974	490	370	63	9	19
	4th	31	3,559	8.0	21	980	575	469	60	9	31

¹ Rate per 1,000 population

Table 2. VITAL STATISTICS BY REGISTRATION MONTH FROM JANUARY 2006

REGISTRATION YEAR	REGISTRATION MONTH	BIRTHS	STILLBIRTHS	DEATHS	MARRIAGES	CIVIL PARTNERSHIPS
2006	January	2,169	9	1,367	290	7
	February	1,714	7	1,180	251	10
	March	1,939	8	1,475	387	14
	April	1,762	9	1,179	570	6
	May	2,028	5	1,238	755	10
	June	1,975	9	1,202	962	19
	July	1,981	10	1,148	1,130	9
	August	2,086	7	1,145	1,309	14
	September	2,023	10	1,134	1,089	8
	October	2,094	6	1,230	756	9
	November	1,966	5	1,187	385	4
	December	1,535	4	1,047	375	6
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

Table 3. VITAL STATISTICS BY AREA (Registered between 1 October 2009 and 31 December 2009)

AREA	ESTIMATED POPULATION 30 JUNE 2008	EVENTS REGISTERED										
		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	1,775,000	5,967	13.4	2,356	39	31	3,559	8.0	21	980	575	1,465
Eastern Board	675,600	2,170	12.8	999	46	13	1,450	8.6	7	386	232	550
Ards	77,600	221	11.4	70	32	1	156	8.0	1	45	19	46
Belfast	268,300	920	13.7	522	57	4	645	9.6	2	166	110	221
Castlereagh	66,200	191	11.5	64	34	3	157	9.5	1	57	17	37
Down	69,800	208	11.9	86	41	1	109	6.2	-	26	15	59
Lisburn	114,800	401	14.0	167	42	4	203	7.1	3	54	37	90
North Down	78,900	229	11.6	90	39	-	180	9.1	-	38	34	97
Northern Board	453,800	1,486	13.1	518	35	11	852	7.5	7	221	151	348
Antrim	53,200	214	16.1	67	31	1	72	5.4	1	16	9	48
Ballymena	62,700	197	12.6	84	43	1	120	7.7	-	28	24	65
Ballymoney	30,100	104	13.8	31	30	-	52	6.9	1	17	8	22
Carrickfergus	40,000	104	10.4	34	33	1	86	8.6	1	20	16	18
Coleraine	57,000	154	10.8	70	45	2	120	8.4	1	35	27	45
Cookstown	35,900	129	14.4	45	35	-	52	5.8	-	11	9	29
Larne	31,300	87	11.1	36	41	1	77	9.8	-	20	18	24
Magherafelt	43,800	173	15.8	38	22	1	64	5.8	1	19	11	39
Moyle	16,900	52	12.3	19	37	1	45	10.7	1	11	6	19
Newtownabbey	82,700	272	13.1	94	35	3	164	7.9	1	44	23	39
Southern Board	348,700	1,305	15.0	445	34	5	654	7.5	5	211	98	299
Armagh	58,200	200	13.8	54	27	-	125	8.6	3	40	18	54
Banbridge	47,000	160	13.6	52	33	2	84	7.2	-	22	15	39
Craigavon	90,800	348	15.3	148	43	-	173	7.6	-	70	25	66
Dungannon	55,400	223	16.1	71	32	-	112	8.1	1	28	18	51
Newry & Mourne	97,300	374	15.4	120	32	3	160	6.6	1	51	22	89
Western Board	296,900	1,006	13.6	394	39	2	603	8.1	2	162	94	268
Fermanagh	62,000	192	12.4	58	30	-	151	9.7	-	37	20	86
Limavady	34,100	102	12.0	51	50	-	57	6.7	-	20	12	30
Derry	109,100	385	14.1	183	48	1	211	7.7	1	53	30	77
Omagh	52,100	184	14.1	43	23	1	112	8.6	1	32	14	47
Strabane	39,600	143	14.4	59	41	-	72	7.3	-	20	18	28

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 4. DEATHS REGISTERED DURING QUARTER ENDED 31 DECEMBER 2009 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+
A00-Y98	All Causes of Death	1,710	1,849	1,450	852	654	603	21	20	92	100	175	362	627	1064	1098
A00-B99	Certain Infectious and Parasitic Diseases	16	21	18	6	5	8	1	1	-	-	2	3	4	13	13
C00-D48	Neoplasms	524	480	396	227	215	166	1	1	13	22	62	177	263	297	168
<i>C00-C97</i>	<i>Malignant Neoplasms</i>	<i>511</i>	<i>469</i>	<i>386</i>	<i>221</i>	<i>211</i>	<i>162</i>	<i>1</i>	<i>1</i>	<i>13</i>	<i>22</i>	<i>62</i>	<i>173</i>	<i>257</i>	<i>291</i>	<i>160</i>
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	4	4	2	1	3	2	-	-	-	2	-	-	-	2	4
E00-E90	Endocrine, Nutritional and Metabolic Diseases	41	45	30	25	14	17	-	-	2	5	2	13	11	23	30
F00-F99	Mental and Behavioural Disorders	48	95	71	28	26	18	-	-	1	3	5	6	12	53	63
G00-H95	Diseases of the Nervous System and the Sense Organs	74	75	64	43	22	20	-	4	2	9	6	9	27	48	44
I00-I99	Disease of the Circulatory System	519	586	452	268	199	186	-	2	6	7	42	73	193	374	408
<i>I20-I25</i>	<i>Ischaemic Heart Disease</i>	<i>309</i>	<i>266</i>	<i>232</i>	<i>151</i>	<i>98</i>	<i>94</i>	<i>-</i>	<i>-</i>	<i>4</i>	<i>5</i>	<i>27</i>	<i>42</i>	<i>122</i>	<i>194</i>	<i>181</i>
<i>I60-I69</i>	<i>Cerebrovascular Disease</i>	<i>104</i>	<i>187</i>	<i>127</i>	<i>63</i>	<i>55</i>	<i>46</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>6</i>	<i>12</i>	<i>33</i>	<i>105</i>	<i>133</i>
J00-J99	Diseases of the Respiratory System	221	248	200	114	73	82	-	5	2	3	15	24	70	142	208
K00-K93	Diseases of the Digestive System	64	89	59	37	27	30	-	-	3	3	15	29	19	40	44
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	14	28	18	12	8	4	-	-	1	2	1	3	7	14	14
N00-N99	Diseases of the Genitourinary System	29	52	38	24	10	9	-	-	-	1	-	3	5	26	46
O00-O99	Pregnancy, Childbirth and the Puerperium	-	1	-	1	-	-	-	-	1	-	-	-	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	5	3	5	1	2	-	8	-	-	-	-	-	-	-	-
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	9	10	4	4	6	5	9	2	2	1	1	2	1	-	1
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	8	25	19	7	3	4	-	-	3	2	3	-	1	3	21
V01-Y98	All External Causes of Morbidity and Mortality	134	87	74	54	41	52	2	5	56	40	21	20	14	29	34
<i>V01-V99</i>	<i>Transport Accidents</i>	<i>24</i>	<i>9</i>	<i>10</i>	<i>7</i>	<i>7</i>	<i>9</i>	<i>-</i>	<i>-</i>	<i>20</i>	<i>5</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>3</i>	<i>1</i>
<i>X60-X84, Y87.0</i> <i>Y10-Y34, Y87.2</i>	<i>Suicide, Self-Inflicted Injury and Events of Undetermined Intent</i>	<i>47</i>	<i>13</i>	<i>20</i>	<i>14</i>	<i>11</i>	<i>15</i>	<i>-</i>	<i>-</i>	<i>20</i>	<i>24</i>	<i>8</i>	<i>5</i>	<i>2</i>	<i>1</i>	<i>-</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 2008 and 2009 data are calculated on the estimated home population as at 30th June 2008, the 2009 mid-year estimate will be published in Summer 2010. 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 2008.

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