

The Registrar General's Quarterly Report

9.30am – Tuesday 22 December 2009

Births/Stillbirths: July to September 2009

- The number of births registered in the quarter under review was 6,330 (3,285 males and 3,045 females). The annualised rate was 14.3 births per 1,000 of the estimated population, which is 0.2 below the rate for the corresponding quarter of 2008.
- Live births outside marriage numbered 2,516, which represented 39.7 per cent of the total live births registered.
- The number of stillbirths registered was 27 and the rate was 4.2 stillbirths per 1,000 births.

Deaths: July to September 2009

- Deaths registered during the quarter numbered 3,235 (1,564 males and 1,671 females). The annualised rate was 7.3 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 36, representing an infant mortality rate of 5.6 infant deaths per 1,000 live births registered, in the corresponding quarter of 2008 there were 25 infant deaths registered.
- The number of deaths from cancer totalled 974, comprising of 510 males and 464 females. Cancer deaths accounted for 30.1 per cent of the total deaths in this quarter. The number of deaths from ischaemic heart disease totalled 490 comprising of 279 males and 211 females deaths. These accounted for 15.1 per cent of the total deaths in the quarter.

Marriages and Civil Partnerships: July to September 2009

- Marriages registered during the second quarter of 2009 numbered 3,245, which was 367 less than that registered in the corresponding quarter of 2008.
- In the third quarter of 2009, 28 civil partnerships were registered. In the corresponding quarter of 2008, 23 civil partnerships were registered.

Figure 1a. QUARTERLY BIRTHS and DEATHS, 1994 to 2009 (Q3)

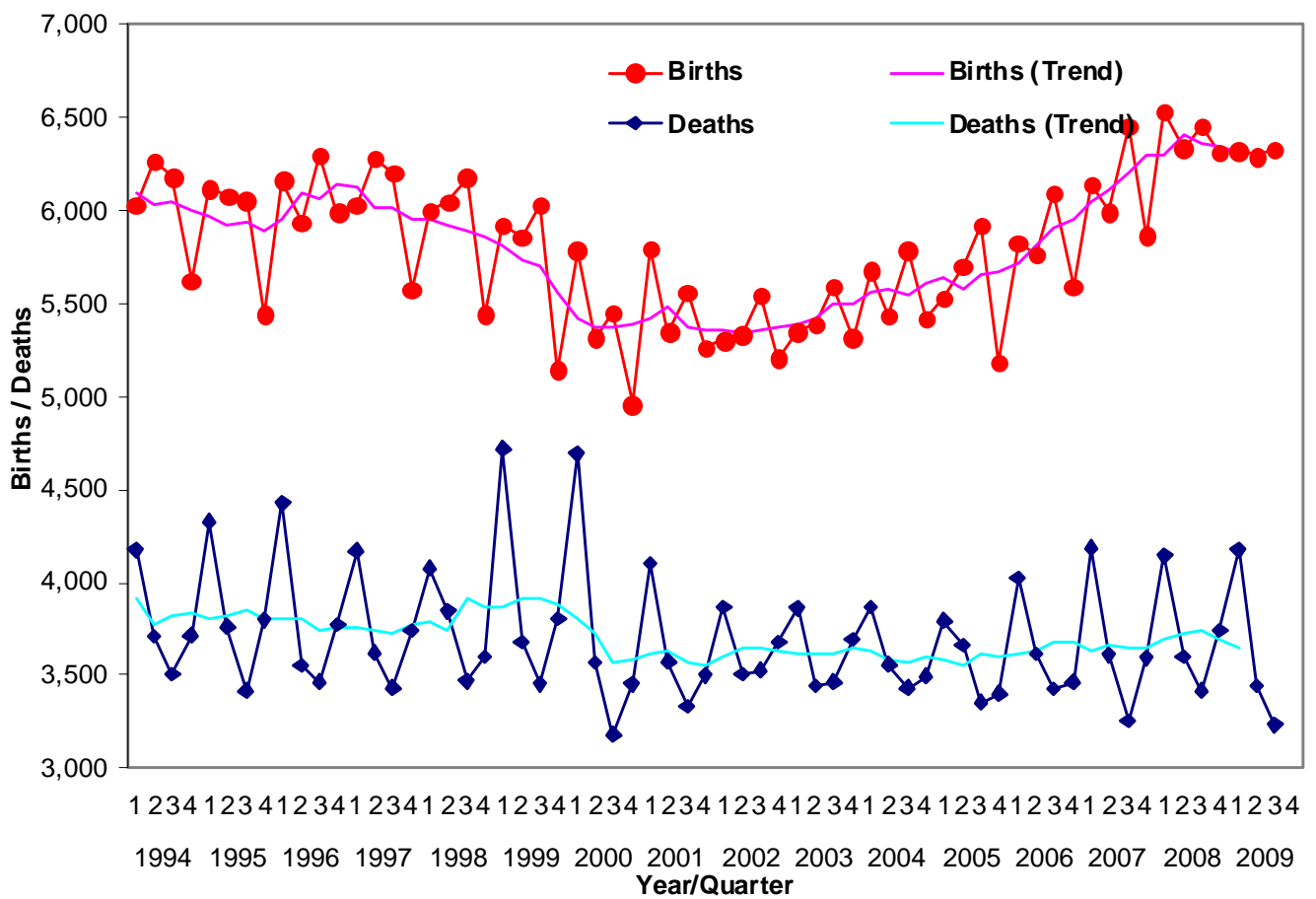


Figure 1b. QUARTERLY MARRIAGES, 1994 to 2009 (Q3)

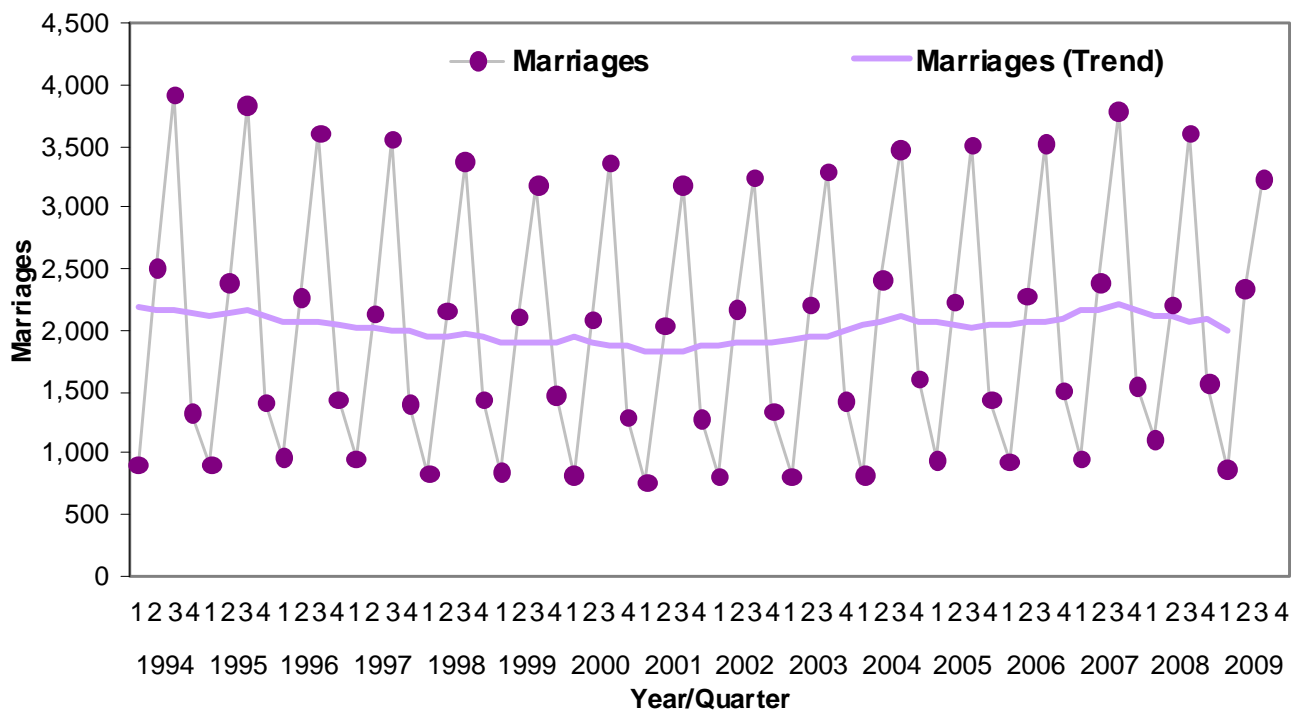


Table 1a. BIRTH, MARRIAGE AND CIVIL PARTNERSHIP STATISTICS BY QUARTER FROM QUARTER 1 2004

REG. YEAR	REG. QUARTER	BIRTHS		OUTSIDE MARRIAGE (%)	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

¹ Rate per 1,000 population

² Mothers aged under 20

Civil Partnerships introduced in December 2005

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

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

Table 3. VITAL STATISTICS BY AREA (Registered between 1 July 2009 and 30 September 2009)

AREA ¹	ESTIMATED POPULATION 30 JUNE 2008	EVENTS REGISTERED										
		BIRTHS				STILL BIRTHS	DEATHS BY AGE			CAUSE OF DEATH		MARRIAGES
		LIVE BIRTHS	BIRTH RATE ¹	OUTSIDE MARRIAGE			ALL AGES	DEATH RATE ¹	UNDER 1 YEAR	CANCER	ISCHAEMIC HEART DISEASE	
				NUMBER	%							
Northern Ireland	1,775,000	6,330	14.3	2,516	40	27	3,235	7.3	36	974	490	3,245
Eastern Board	675,600	2,434	14.4	1,101	45	13	1,380	8.2	12	404	216	1,166
Ards	77,600	206	10.6	77	37	1	156	8.0	-	53	21	107
Belfast	268,300	1004	15.0	582	58	9	604	9.0	6	183	102	493
Castlereagh	66,200	227	13.7	76	33	1	127	7.7	1	33	17	71
Down	69,800	282	16.2	103	37	1	115	6.6	-	28	14	137
Lisburn	114,800	461	16.1	163	35	-	197	6.9	3	56	39	187
North Down	78,900	254	12.9	100	39	1	181	9.2	2	51	23	171
Northern Board	453,800	1,462	12.9	524	36	6	786	6.9	13	246	107	816
Antrim	53,200	196	14.7	66	34	1	71	5.3	1	26	7	84
Ballymena	62,700	215	13.7	79	37	1	114	7.3	2	31	15	140
Ballymoney	30,100	95	12.6	34	36	1	57	7.6	1	12	11	51
Carrickfergus	40,000	116	11.6	48	41	-	68	6.8	1	27	5	46
Coleraine	57,000	155	10.9	60	39	1	116	8.1	1	31	20	127
Cookstown	35,900	133	14.8	41	31	1	54	6.0	3	17	7	99
Larne	31,300	85	10.9	35	41	-	68	8.7	-	21	10	58
Magherafelt	43,800	163	14.9	47	29	-	57	5.2	3	21	5	82
Moyle	16,900	49	11.6	17	35	-	31	7.3	-	10	4	43
Newtownabbey	82,700	255	12.3	97	38	1	150	7.3	1	50	23	86
Southern Board	348,700	1,388	15.9	458	33	6	552	6.3	4	172	93	648
Armagh	58,200	233	16.0	75	32	-	117	8.0	-	37	16	130
Banbridge	47,000	173	14.7	59	34	1	65	5.5	1	17	13	54
Craigavon	90,800	344	15.1	134	39	2	158	7.0	2	49	34	132
Dungannon	55,400	240	17.3	66	28	-	72	5.2	1	28	9	115
Newry & Mourne	97,300	398	16.4	124	31	3	140	5.8	-	41	21	217
Western Board	296,900	1,046	14.1	433	41	2	517	7.0	7	152	74	615
Fermanagh	62,000	189	12.2	53	28	1	128	8.3	1	35	20	176
Limavady	34,100	101	11.8	44	44	1	46	5.4	1	15	5	71
Derry	109,100	422	15.5	225	53	-	185	6.8	3	57	26	187
Omagh	52,100	189	14.5	58	31	-	89	6.8	-	27	15	119
Strabane	39,600	145	14.6	53	37	-	69	7.0	2	18	8	62

¹ Rate per 1,000 population

Table 4. DEATHS REGISTERED DURING QUARTER ENDED 30 SEPTEMBER 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	1,564	1,671	1,380	786	552	517	36	8	79	78	174	315	617	984	944
A00-B99	Certain Infectious and Parasitic Diseases	17	16	11	10	5	7	1	-	-	1	-	3	4	17	7
C00-D48	Neoplasms	514	479	411	249	175	158	-	1	5	18	62	156	288	316	147
<i>C00-C97</i>	<i>Malignant Neoplasms</i>	<i>510</i>	<i>464</i>	<i>404</i>	<i>246</i>	<i>172</i>	<i>152</i>	<i>-</i>	<i>1</i>	<i>4</i>	<i>18</i>	<i>62</i>	<i>156</i>	<i>286</i>	<i>308</i>	<i>139</i>
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	1	6	2	-	3	2	-	-	-	-	-	1	1	1	4
E00-E90	Endocrine, Nutritional and Metabolic Diseases	27	40	21	21	14	11	-	-	3	-	4	8	14	13	25
F00-F99	Mental and Behavioural Disorders	33	91	56	24	25	19	-	-	2	4	2	3	3	33	77
G00-H95	Diseases of the Nervous System and the Sense Organs	68	61	54	31	25	19	1	1	4	4	13	6	20	45	35
I00-I99	Disease of the Circulatory System	478	514	432	236	178	146	1	1	4	10	35	67	181	322	371
<i>I20-I25</i>	<i>Ischaemic Heart Disease</i>	<i>279</i>	<i>211</i>	<i>216</i>	<i>107</i>	<i>93</i>	<i>74</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>6</i>	<i>20</i>	<i>39</i>	<i>114</i>	<i>150</i>	<i>159</i>
<i>I60-I69</i>	<i>Cerebrovascular Disease</i>	<i>98</i>	<i>158</i>	<i>118</i>	<i>63</i>	<i>39</i>	<i>36</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>8</i>	<i>19</i>	<i>26</i>	<i>89</i>	<i>113</i>
J00-J99	Diseases of the Respiratory System	158	212	162	88	50	70	-	-	-	2	9	23	55	137	144
K00-K93	Diseases of the Digestive System	70	94	78	39	28	19	-	-	2	8	19	27	26	46	36
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	7	20	15	6	2	4	-	-	-	-	-	1	5	9	12
N00-N99	Diseases of the Genitourinary System	31	50	36	21	15	9	-	-	-	1	2	2	9	25	42
O00-O99	Pregnancy, Childbirth and the Puerperium	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	11	7	5	7	2	4	18	-	-	-	-	-	-	-	-
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	10	9	7	7	2	3	14	-	-	1	1	1	1	-	1
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	10	23	17	7	2	7	1	-	2	1	3	3	-	1	22
V01-Y98	All External Causes of Morbidity and Mortality	129	48	73	40	25	39	-	5	56	28	24	14	10	19	21
<i>V01-V99</i>	<i>Transport Accidents</i>	<i>33</i>	<i>3</i>	<i>8</i>	<i>10</i>	<i>7</i>	<i>11</i>	<i>-</i>	<i>5</i>	<i>20</i>	<i>6</i>	<i>3</i>	<i>2</i>	<i>-</i>	<i>-</i>	<i>-</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>50</i>	<i>13</i>	<i>25</i>	<i>14</i>	<i>9</i>	<i>15</i>	<i>-</i>	<i>-</i>	<i>27</i>	<i>14</i>	<i>14</i>	<i>4</i>	<i>4</i>	<i>-</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