

The Registrar General's Quarterly Report

9.30am – Thursday 19 March 2009

Births/Stillbirths: October to December 2008

- The number of births registered in the quarter under review was 6,314 (3,261 males and 3,053 females). The annualised rate was 14.4 births per 1,000 of the estimated population, which is 1.1 above the rate for the corresponding quarter of 2007.
- Live births outside marriage numbered 2,457, which represented 38.9 per cent of the total live births registered.
- The number of stillbirths registered was 31 and the rate was 4.9 stillbirths per 1,000 births.

Deaths: October to December 2008

- Deaths registered during the quarter numbered 3,744 (1,842 males and 1,902 females). The annualised rate was 8.5 deaths per 1,000 of the estimated population, which was 0.3 above that for the corresponding quarter of 2007.
- Deaths registered of children aged under one year numbered 37, representing an infant mortality rate of 5.7 infant deaths per 1,000 live births registered, in the corresponding quarter of 2007 there were 20 infant deaths registered.
- The number of deaths from cancer totalled 974, comprising of 506 males and 468 females. Cancer deaths accounted for 26.0 per cent of the total deaths in this quarter. The number of deaths from ischaemic heart disease totalled 567 comprising of 328 males and 239 females deaths. These accounted for 15.1 per cent of the total deaths in the quarter.

Marriages and Civil Partnerships: October to December 2008

- Marriages registered during the fourth quarter of 2008 numbered 1,572, which was 21 more than that registered in the corresponding quarter of 2007.
- In the fourth quarter of 2008, 22 civil partnerships were registered. In the corresponding quarter of 2007, 22 civil partnerships were registered.

Figure 1a. QUARTERLY BIRTHS and DEATHS, 1993 to 2008 (Q4)

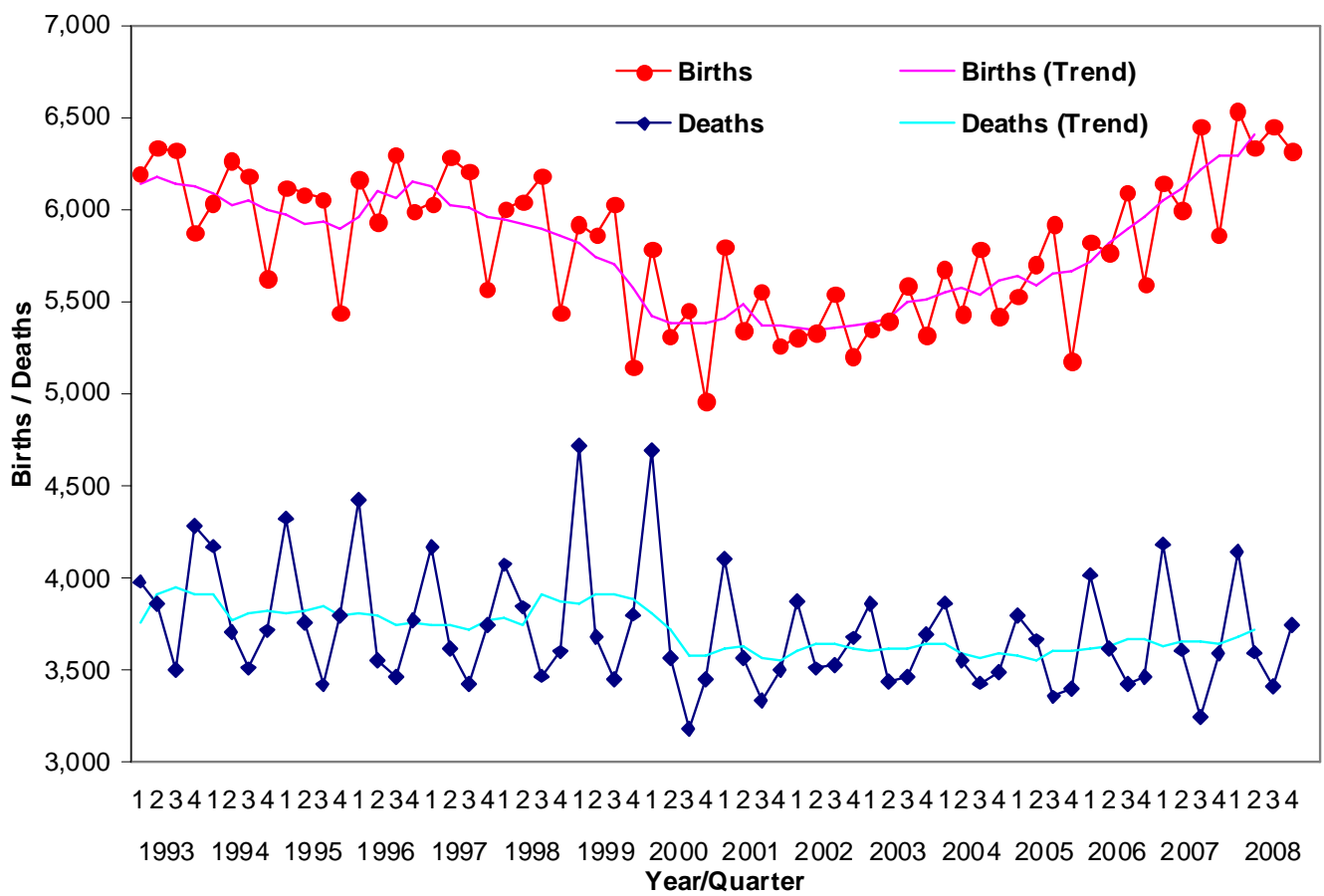


Figure 1b. QUARTERLY MARRIAGES, 1993 to 2008 (Q4)

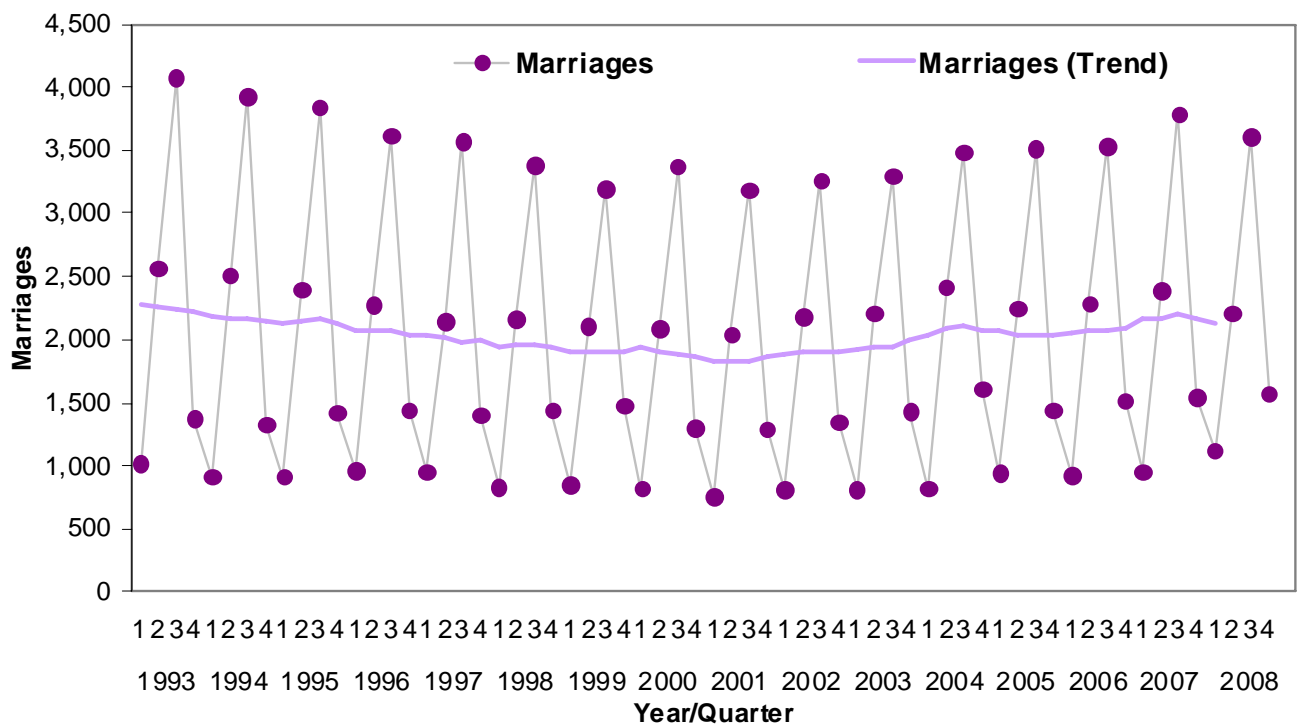


Table 1. VITAL STATISTICS BY QUARTER FROM QUARTER 1 2003

REG. YEAR	REG. QUARTER	BIRTHS	OUTSIDE MARRIAGE (%)	STILL-BIRTHS	DEATHS	INFANT DEATHS	DUE TO CANCER	DUE TO ISCHAEMIC HEART DISEASE	MRSA RELATED DEATHS	C. DIFFICILE RELATED DEATHS	MARRIAGES	CIVIL MARRIAGES (%)	CIVIL PARTNER-SHIPS
2003	1st	5,350	34.4	29	3,860	27	906	786	11	9	817	39.5	
	2nd	5,392	33.1	27	3,442	23	889	723	4	8	2,210	27.2	
	3rd	5,590	34.1	25	3,464	35	989	644	5	7	3,297	23.3	
	4th	5,316	35.9	27	3,696	30	973	690	10	10	1,433	30.9	
2004	1st	5,677	35.2	27	3,867	31	935	761	11	16	822	41.1	
	2nd	5,435	33.7	33	3,558	32	920	657	5	14	2,414	31.4	
	3rd	5,786	33.9	26	3,434	35	940	658	14	7	3,485	27.1	
	4th	5,420	35.3	27	3,495	24	962	699	14	7	1,607	36.3	
2005	1st	5,530	36.3	30	3,796	29	946	716	16	11	948	39.3	
	2nd	5,700	35.9	19	3,665	41	971	694	16	7	2,238	26.8	
	3rd	5,918	35.8	17	3,358	39	927	618	21	9	3,515	23.5	
	4th	5,180	37.3	23	3,405	31	891	680	16	8	1,439	30.0	12*
2006	1st	5,822	37.0	24	4,022	31	1,004	761	18	20	928	37.1	31
	2nd	5,765	38.1	23	3,619	27	949	636	9	16	2,287	30.3	35
	3rd	6,090	37.5	27	3,427	30	963	594	8	15	3,528	25.5	31
	4th	5,595	39.3	15	3,464	33	932	565	21	12	1,516	33.8	19
2007	1st	6,144	38.3	23	4,188	42	995	715	12	15	956	37.6	22
	2nd	5,994	36.5	25	3,612	31	967	632	18	15	2,389	31.0	29
	3rd	6,450	38.6	27	3,253	30	951	535	7	17	3,791	24.9	38
	4th	5,863	38.0	27	3,596	20	957	612	22	30	1,551	32.9	22
2008	1st	6,534	39.6	26	4,145	31	1,016	685	22	58	1,118	36.9	18
	2nd	6,333	38.4	26	3,599	30	946	612	30	37	2,208	29.3	23
	3rd	6,450	38.6	32	3,419	25	1,035	546	17	50	3,612	24.4	23
	4th	6,314	38.9	31	3,744	37	974	567	15	46	1,572	33.7	22

* Civil Partnerships introduced in December 2005

Table 2. VITAL STATISTICS BY REGISTRATION MONTH FROM JANUARY 2005

REGISTRATION YEAR	REGISTRATION MONTH	BIRTHS	STILLBIRTHS	DEATHS	MARRIAGES	CIVIL PARTNERSHIPS
2005	January	2,162	9	1,306	246	
	February	1,654	11	1,216	279	
	March	1,714	10	1,274	423	
	April	1,972	6	1,199	525	
	May	1,830	8	1,236	772	
	June	1,898	5	1,230	941	
	July	1,833	6	1,057	1,023	
	August	2,041	6	1,162	1,427	
	September	2,044	5	1,139	1,065	
	October	1,841	5	1,071	688	
	November	1,861	7	1,208	390	
	December	1,478	11	1,126	361	12*
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

* Civil Partnerships introduced in December 2005

Table 3. VITAL STATISTICS BY AREA (Registered between 1 October 2008 and 31 December 2008)

AREA ¹	ESTIMATED POPULATION 30 JUNE 2007	EVENTS REGISTERED										
		BIRTHS				STILL BIRTHS	DEATHS BY AGE			CAUSE OF DEATH		MARRIAGES
		LIVE BIRTHS	BIRTH RATE	OUTSIDE MARRIAGE			ALL AGES	DEATH RATE	UNDER 1 YEAR	CANCER	ISCHAEMIC HEART DISEASE	
Number	%											
Northern Ireland	1,759,100	6,314	14.4	2,457	39	31	3,744	8.5	37	974	567	1,572
Eastern Board	671,600	2,344	14.0	1,046	45	11	1,665	9.9	16	419	237	582
Ards	77,100	241	12.5	98	41	-	151	7.8	-	32	16	44
Belfast	267,500	953	14.2	540	57	3	762	11.4	11	203	106	243
Castlereagh	65,600	225	13.7	72	32	-	161	9.8	1	48	22	36
Down	69,200	248	14.3	81	33	2	150	8.7	1	30	25	77
Lisburn	113,500	425	15.0	174	41	4	225	7.9	2	50	43	77
North Down	78,700	252	12.8	81	32	2	216	11.0	1	56	25	105
Northern Board	449,600	1,545	13.7	581	38	6	883	7.9	5	238	154	396
Antrim	52,600	188	14.3	62	33	1	85	6.5	-	23	8	49
Ballymena	62,100	208	13.4	95	46	1	120	7.7	2	32	28	68
Ballymoney	29,700	94	12.6	36	38	-	59	7.9	-	15	12	33
Carrickfergus	40,000	134	13.4	53	40	-	89	8.9	1	15	19	26
Coleraine	56,800	168	11.8	69	41	-	120	8.4	1	32	22	63
Cookstown	35,400	158	17.8	53	34	-	59	6.7	-	17	10	31
Larne	31,300	88	11.2	37	42	-	57	7.3	-	15	7	24
Magherafelt	43,100	176	16.3	38	22	2	87	8.1	-	21	22	36
Moyle	16,700	46	11.0	21	46	-	30	7.2	-	9	5	19
Newtownabbey	81,700	285	14.0	117	41	2	177	8.7	1	59	21	47
Southern Board	342,800	1,380	16.1	427	31	9	647	7.6	8	188	92	317
Armagh	57,700	205	14.2	67	33	2	119	8.3	-	31	16	57
Banbridge	46,400	178	15.3	46	26	-	86	7.4	-	28	13	39
Craigavon	88,800	359	16.2	121	34	1	162	7.3	4	49	20	59
Dungannon	54,300	259	19.1	78	30	3	111	8.2	1	31	18	71
Newry & Mourne	95,500	379	15.9	115	30	3	169	7.1	3	49	25	91
Western Board	295,200	1,045	14.2	403	39	5	549	7.4	8	129	84	277
Fermanagh	61,300	221	14.4	58	26	-	141	9.2	1	40	23	87
Limavady	34,400	106	12.3	38	36	-	47	5.5	1	13	13	25
Derry	108,500	390	14.4	201	52	2	177	6.5	3	32	17	86
Omagh	51,500	183	14.2	47	26	2	94	7.3	1	28	14	49
Strabane	39,400	145	14.7	59	41	1	90	9.1	2	16	17	30

Table 4. DEATHS REGISTERED DURING QUARTER ENDED 31 DECEMBER 2008 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	1,842	1,902	1,665	883	647	549	37	17	101	93	188	324	619	1,151	1,214
A00-B99	Certain Infectious and Parasitic Diseases	20	23	20	9	9	5	-	-	-	-	1	3	8	15	16
C00-D48	Neoplasms	525	479	429	240	199	136	-	3	6	22	71	144	263	329	166
C00-C97	Malignant Neoplasms	506	468	419	238	188	129	-	3	6	21	71	143	256	318	156
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	5	4	5	2	2	-	1	1	1	-	-	-	-	4	2
E00-E90	Endocrine, Nutritional and Metabolic Diseases	31	39	29	19	11	11	-	1	1	5	2	5	7	20	29
F00-F99	Mental and Behavioural Disorders	52	111	99	24	23	17	-	-	-	2	4	5	4	51	97
G00-H95	Diseases of the Nervous System and the Sense Organs	68	88	76	33	27	20	1	2	8	5	3	8	17	42	70
I00-I99	Disease of the Circulatory System	587	605	527	289	194	182	-	-	4	11	41	82	190	398	466
I20-I25	Ischaemic Heart Disease	328	239	237	154	92	84	-	-	-	4	24	46	104	210	179
I60-I69	Cerebrovascular Disease	144	222	183	73	63	47	-	-	2	2	7	15	55	116	169
J00-J99	Diseases of the Respiratory System	231	281	213	137	79	83	1	3	3	2	11	30	70	179	213
K00-K93	Diseases of the Digestive System	78	71	70	32	22	25	-	-	-	4	20	18	33	35	39
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	10	21	17	4	6	4	-	-	-	-	1	2	5	12	11
N00-N99	Diseases of the Genitourinary System	40	60	38	32	17	13	-	-	-	-	1	2	7	38	52
O00-O99	Pregnancy, Childbirth and the Puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	14	6	8	2	3	7	20	-	-	-	-	-	-	-	-
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	8	11	6	5	7	1	11	2	1	1	1	1	-	2	-
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	8	27	21	8	4	2	3	-	1	-	-	1	-	3	27
V01-Y98	All External Causes of Morbidity and Mortality	165	76	107	47	44	43	-	5	76	41	32	23	15	23	26
V01-V99	Transport Accidents	32	11	13	6	9	15	-	1	22	6	3	6	2	3	-
X60-X84, Y87.0 Y10-Y34, Y87.2	Suicide, Self-Inflicted Injury and Events of Undetermined Intent	70	22	37	21	18	16	-	2	36	25	18	5	5	1	-

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 and 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.

Birth, stillbirth, and death rates

Rates for 2007 and 2008 data are calculated on the estimated home population as at 30th June 2007, the 2008 mid-year estimate will be published in Summer 2009. 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 1 and 3 are as follows:

Cancer	C00-C97
Ischaemic Heart Disease	I20-I25

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 1 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 Marriage and Divorce Press Release 2007.

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