

# The Registrar General's Quarterly Report

9.30am – Friday 26 September 2008

## Births/Stillbirths: April to June 2008

- The number of births registered in the quarter under review was 6,333 (3,255 males and 3,078 females). The annualised rate was 14.4 births per 1,000 of the estimated population, which was 0.8 above that for the corresponding quarter of 2007.
- Live births outside marriage numbered 2,433, which represented 38.4 per cent of the total live births registered.
- The number of stillbirths registered was 26 and the rate was 4.1 stillbirths per 1,000 births.

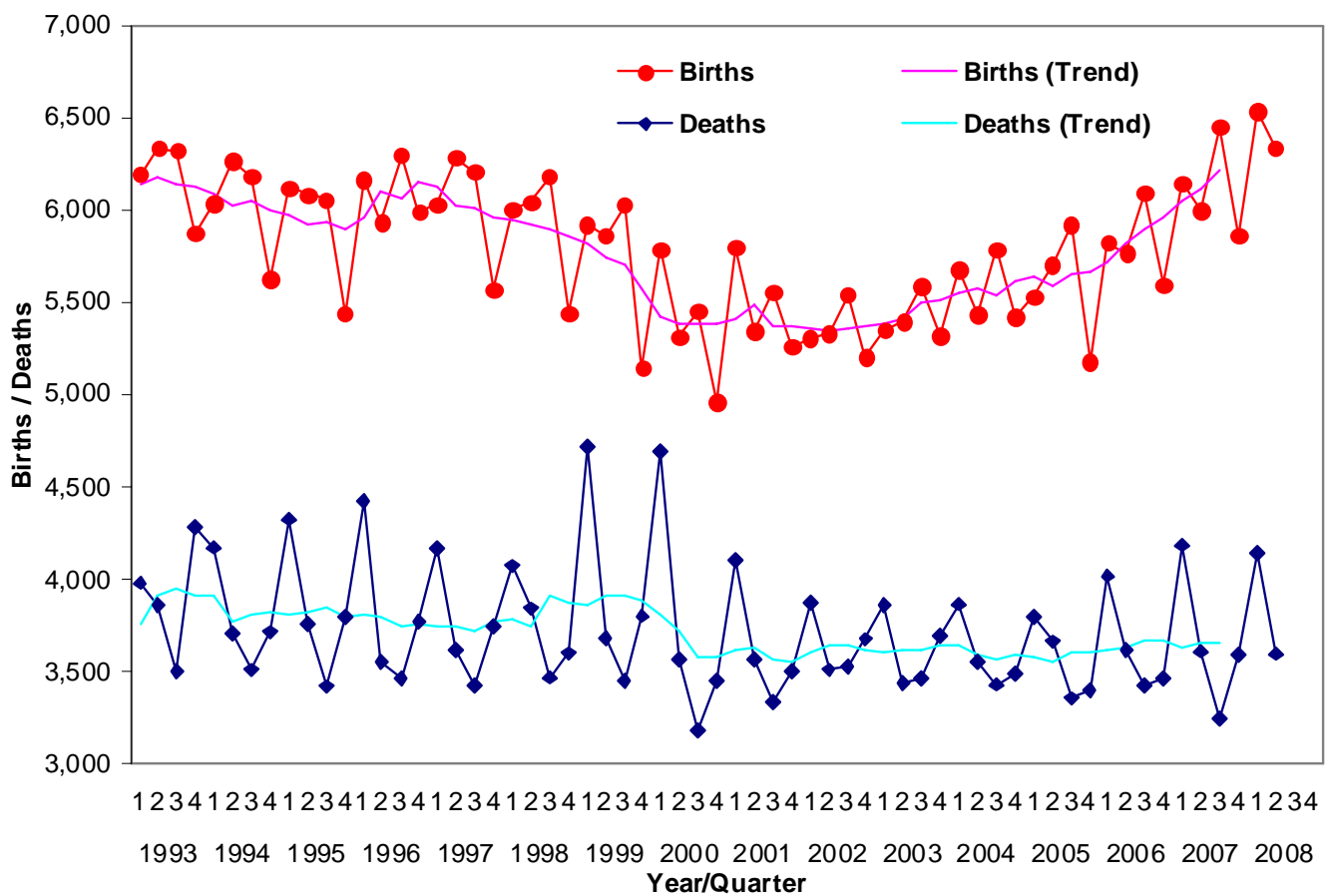
## Deaths: April to June 2008

- Deaths registered during the quarter numbered 3,599 (1,759 males and 1,840 females). The annualised rate was 8.2 deaths per 1,000 of the estimated population, which the same for the corresponding quarter of 2007.
- Deaths registered of children aged under one year numbered 30, representing an infant mortality rate of 4.6 infant deaths per 1,000 live births registered, in the corresponding quarter of 2007 there were 31 infant deaths registered.
- The number of deaths from cancer totalled 946, comprising of 495 males and 451 females. Cancer deaths accounted for 26.3 per cent of the total deaths in this quarter. The number of deaths from ischaemic heart disease totalled 612 comprising of 343 males and 269 females deaths. These accounted for 17.0 per cent of the total deaths in the quarter.

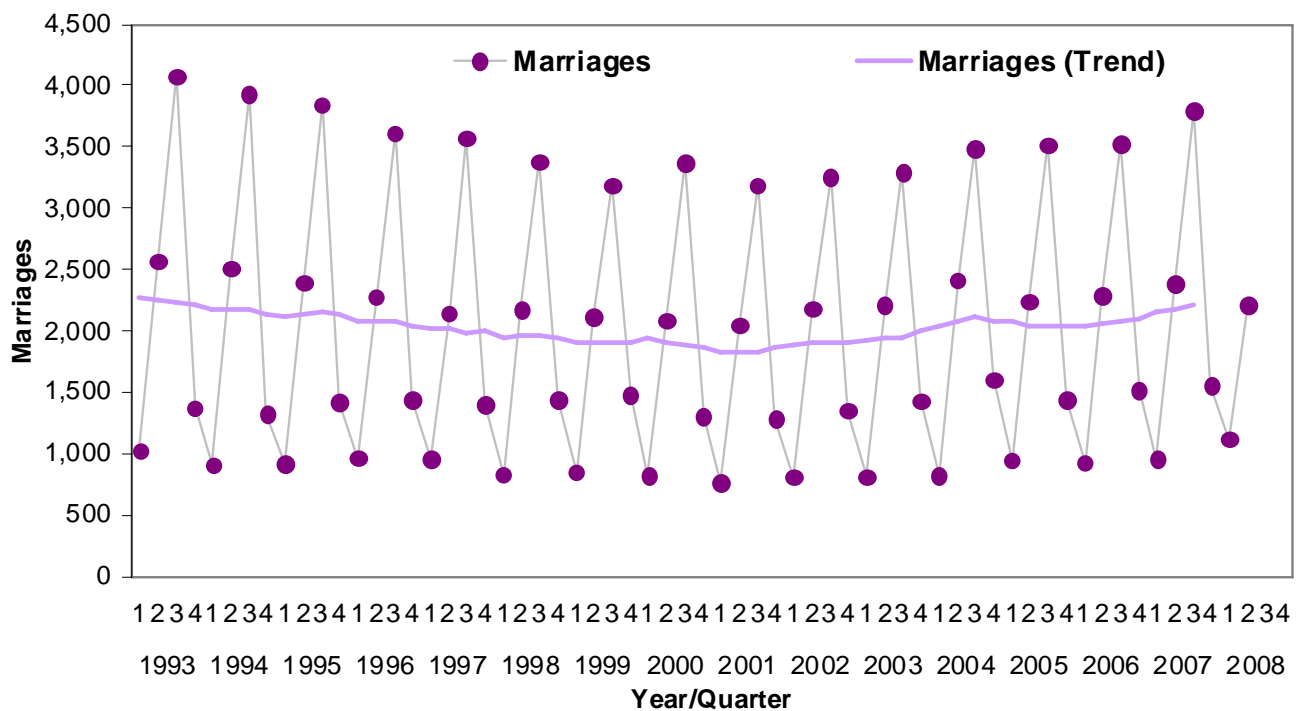
## Marriages and Civil Partnerships: April to June 2008

- Marriages registered during the second quarter of 2008 numbered 2,208, which was 181 less than that registered in the corresponding quarter of 2007.
- In the second quarter of 2008, 23 civil partnerships were registered. In the corresponding quarter of 2007, 29 civil partnerships were registered.

**Figure 1a. QUARTERLY BIRTHS and DEATHS, 1993 to 2008 (Q2)**



**Figure 1b. QUARTERLY MARRIAGES, 1993 to 2008 (Q2)**



**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

\* Civil Partnerships introduced in December 2005

**Table 2. VITAL STATISTICS BY REGISTRATION MONTH FROM JANUARY 2005**

<b>REGISTRATION YEAR</b>	<b>REGISTRATION MONTH</b>	<b>BIRTHS</b>	<b>STILLBIRTHS</b>	<b>DEATHS</b>	<b>MARRIAGES</b>	<b>CIVIL PARTNERSHIPS</b>
<b>2005</b>	<b>January</b>	2,162	9	1,306	246	
	<b>February</b>	1,654	11	1,216	279	
	<b>March</b>	1,714	10	1,274	423	
	<b>April</b>	1,972	6	1,199	525	
	<b>May</b>	1,830	8	1,236	772	
	<b>June</b>	1,898	5	1,230	941	
	<b>July</b>	1,833	6	1,057	1,023	
	<b>August</b>	2,041	6	1,162	1,427	
	<b>September</b>	2,044	5	1,139	1,065	
	<b>October</b>	1,841	5	1,071	688	
	<b>November</b>	1,861	7	1,208	390	
	<b>December</b>	1,478	11	1,126	361	12*
<b>2006</b>	<b>January</b>	2,169	9	1,367	290	7
	<b>February</b>	1,714	7	1,180	251	10
	<b>March</b>	1,939	8	1,475	387	14
	<b>April</b>	1,762	9	1,179	570	6
	<b>May</b>	2,028	5	1,238	755	10
	<b>June</b>	1,975	9	1,202	962	19
	<b>July</b>	1,981	10	1,148	1,130	9
	<b>August</b>	2,086	7	1,145	1,309	14
	<b>September</b>	2,023	10	1,134	1,089	8
	<b>October</b>	2,094	6	1,230	756	9
	<b>November</b>	1,966	5	1,187	385	4
	<b>December</b>	1,535	4	1,047	375	6
<b>2007</b>	<b>January</b>	2,402	7	1,551	311	6
	<b>February</b>	1,807	5	1,333	282	11
	<b>March</b>	1,935	11	1,304	363	5
	<b>April</b>	1,958	8	1,270	635	9
	<b>May</b>	2,071	11	1,214	798	12
	<b>June</b>	1,965	6	1,128	956	8
	<b>July</b>	2,141	15	1,132	1,328	16
	<b>August</b>	2,219	7	1,144	1,385	11
	<b>September</b>	2,090	5	977	1,078	11
	<b>October</b>	2,277	8	1,277	740	9
	<b>November</b>	1,962	10	1,205	418	5
	<b>December</b>	1,624	9	1,114	393	8
<b>2008</b>	<b>January</b>	2,660	12	1,579	316	5
	<b>February</b>	1,981	7	1,252	290	7
	<b>March</b>	1,893	7	1,314	512	6
	<b>April</b>	2,281	11	1,318	534	6
	<b>May</b>	1,984	10	1,115	705	9
	<b>June</b>	2,068	5	1,166	969	8

\* Civil Partnerships introduced in December 2005

**Table 3. VITAL STATISTICS BY AREA (Registered between 1 April 2008 and 30 June 2008)**

AREA <sup>1</sup>	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	%							
<b>Northern Ireland</b>	<b>1,759,100</b>	<b>6,333</b>	<b>14.4</b>	<b>2,433</b>	<b>38</b>	<b>26</b>	<b>3,599</b>	<b>8.2</b>	<b>30</b>	<b>946</b>	<b>612</b>	<b>2,208</b>
<b>Eastern Board</b>	<b>671,600</b>	<b>2,325</b>	<b>13.8</b>	<b>1,036</b>	<b>45</b>	<b>11</b>	<b>1,602</b>	<b>9.5</b>	<b>11</b>	<b>410</b>	<b>249</b>	<b>849</b>
Ards	77,100	250	13.0	96	38	1	175	9.1	2	49	31	86
Belfast	267,500	947	14.2	546	58	5	712	10.6	5	191	102	366
Castlereagh	65,600	214	13.1	59	28	-	153	9.3	1	34	30	42
Down	69,200	237	13.7	79	33	-	143	8.3	1	34	24	103
Lisburn	113,500	451	15.9	179	40	4	207	7.3	2	48	33	127
North Down	78,700	226	11.5	77	34	1	212	10.8	-	54	29	125
<b>Northern Board</b>	<b>449,600</b>	<b>1,601</b>	<b>14.2</b>	<b>566</b>	<b>35</b>	<b>11</b>	<b>895</b>	<b>8.0</b>	<b>7</b>	<b>235</b>	<b>163</b>	<b>530</b>
Antrim	52,600	213	16.2	78	37	1	94	7.1	1	22	15	61
Ballymena	62,100	219	14.1	69	32	2	128	8.2	1	25	24	97
Ballymoney	29,700	126	16.9	38	30	1	62	8.3	-	14	21	44
Carrickfergus	40,000	116	11.6	43	37	1	69	6.9	1	19	11	41
Coleraine	56,800	189	13.3	78	41	2	120	8.4	-	33	20	79
Cookstown	35,400	110	12.4	34	31	1	71	8.0	-	15	13	49
Larne	31,300	89	11.4	39	44	-	59	7.5	-	22	14	38
Magherafelt	43,100	179	16.6	44	25	3	69	6.4	-	18	13	36
Moyle	16,700	49	11.7	17	35	-	48	11.5	1	13	9	30
Newtownabbey	81,700	311	15.2	126	41	-	175	8.6	3	54	23	55
<b>Southern Board</b>	<b>342,800</b>	<b>1,366</b>	<b>15.9</b>	<b>435</b>	<b>32</b>	<b>3</b>	<b>588</b>	<b>6.9</b>	<b>9</b>	<b>151</b>	<b>120</b>	<b>428</b>
Armagh	57,700	214	14.8	58	27	-	98	6.8	-	22	18	90
Banbridge	46,400	178	15.3	48	27	1	87	7.5	3	25	17	43
Craigavon	88,800	366	16.5	143	39	-	140	6.3	1	40	34	97
Dungannon	54,300	215	15.8	70	33	-	89	6.6	1	19	19	70
Newry & Mourne	95,500	393	16.5	116	30	2	174	7.3	4	45	32	128
<b>Western Board</b>	<b>295,200</b>	<b>1,041</b>	<b>14.1</b>	<b>396</b>	<b>38</b>	<b>1</b>	<b>514</b>	<b>7.0</b>	<b>3</b>	<b>150</b>	<b>80</b>	<b>401</b>
Fermanagh	61,300	188	12.3	37	20	-	105	6.9	2	26	9	104
Limavady	34,400	116	13.5	46	40	-	68	7.9	1	25	12	54
Derry	108,500	412	15.2	210	51	-	204	7.5	-	57	38	119
Omagh	51,500	177	13.7	48	27	1	73	5.7	-	23	8	66
Strabane	39,400	148	15.0	55	37	-	64	6.5	-	19	13	58

**Table 4. DEATHS REGISTERED DURING QUARTER ENDED 30 JUNE 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+
<b>A00-Y98</b>	<b>All Causes of Death</b>	<b>1,759</b>	<b>1,840</b>	<b>1,602</b>	<b>895</b>	<b>588</b>	<b>514</b>	<b>30</b>	<b>10</b>	<b>90</b>	<b>102</b>	<b>185</b>	<b>335</b>	<b>649</b>	<b>1,129</b>	<b>1,069</b>
A00-B99	Certain Infectious and Parasitic Diseases	18	20	18	11	5	4	-	-	-	-	-	1	10	14	13
C00-D48	Neoplasms	514	462	423	243	159	151	-	4	12	22	52	138	276	317	155
C00-C97	Malignant Neoplasms	495	451	410	235	151	150	-	4	11	22	52	136	267	310	144
D50-D89	All Diseases of the Blood and Blood Forming Organs and Certain Disorders Involving the Immune Mechanism	4	3	3	1	3	-	-	-	-	1	-	1	-	5	-
E00-E90	Endocrine, Nutritional and Metabolic Diseases	28	36	21	17	15	11	-	-	-	-	3	8	8	26	19
F00-F99	Mental and Behavioural Disorders	30	79	52	28	15	14	-	-	-	-	2	8	6	32	61
G00-H95	Diseases of the Nervous System and the Sense Organs	51	78	66	33	16	14	-	1	4	1	7	9	18	43	46
I00-I99	Disease of the Circulatory System	558	622	503	304	208	165	1	1	6	22	42	86	183	427	412
I20-I25	Ischaemic Heart Disease	343	269	249	163	120	80	-	-	-	12	23	61	119	221	176
I60-I69	Cerebrovascular Disease	115	201	146	78	47	45	-	-	4	4	8	11	28	116	145
J00-J99	Diseases of the Respiratory System	238	270	236	122	74	76	2	2	-	5	12	29	76	161	221
K00-K93	Diseases of the Digestive System	100	99	102	47	28	22	-	-	2	8	33	32	44	45	35
L00-M99	All Diseases of Skin, Musculoskeletal System and Connective Tissue	7	19	10	6	5	5	-	-	-	-	-	3	2	6	15
N00-N99	Diseases of the Genitourinary System	42	43	42	23	9	11	-	-	-	-	2	3	7	27	46
O00-O99	Pregnancy, Childbirth and the Puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P00-P96	Certain Conditions Originating in the Perinatal Period	4	9	5	3	4	1	13	-	-	-	-	-	-	-	-
Q00-Q99	Congenital Malformations, Deformations and Chromosomal Abnormalities	9	11	9	4	4	3	14	1	3	-	1	-	-	1	-
R00-R99	Signs, Symptoms and Abnormal Clinical and Laboratory Findings, N.E.C.	5	20	19	4	1	1	-	-	-	-	1	1	-	-	23
V01-Y98	All External Causes of Morbidity and Mortality	151	69	93	49	42	36	-	1	63	43	30	16	19	25	23
V01-V99	Transport Accidents	32	8	13	14	6	7	-	1	19	9	2	-	4	5	-
X60-X84, Y87.0 Y10-Y34, Y87.2	Suicide, Self-Inflicted Injury and Events of Undetermined Intent	48	14	26	9	15	12	-	-	21	21	9	8	2	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 30<sup>th</sup> 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](mailto:census.nisra@dfpni.gov.uk)