

Open Data and Statistics

NICVA event – 21 February 2014

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Open Data

Open Data is data that is freely available to everyone to use and republish as they wish, without restrictions from copyright, patents or other mechanisms of control.

It has a license that says it is open data – it may also say that people who use the data must credit whoever is publishing it.

And good open data can be linked, easily shared and in a standard, structured format.

Code of Practice for Official Statistics

- Make statistics and data sets available in as much detail as is reliable and practical, subject to the need to safeguard data that have been given in confidence.
- Seek to improve public access to official statistics

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- Seek to improve public access to official statistics, for example through libraries and other public archives.

Code of Practice for Official Statistics (since 2009)

- Producers of official statistics should ensure that they are disseminated in forms that enable and encourage analysis and re-use.
- Producers should release datasets and reference databases, supported by documentation, in formats that are convenient to users.

Code of Practice for Official Statistics (confidentiality

remains)

- Official statistics should not reveal the identity of an individual or organisation, or any private information relating to them
-must be sufficient to protect the privacy of individual information, but not so restrictive as to limit unduly the practical utility of official statistics.

In Practice

- Publication of 'statistics', that is, aggregates and summaries of 'raw' data
- Provision of access to 'raw' data

In Practice

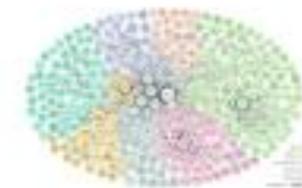
- Publication of statistics
- Use of Open Government Licence (OGL)
- Awareness and adoption of the Tim Berners-Lee 5-star Open Data Scheme

Open Data

Link your data to other data to provide context



Use URIs to denote things, so that people can point at your data



<http://data...>



Use non-proprietary formats



Make it available as structured data



Make your data available on the Web under open license

In Practice

- Awareness and adoption of the Tim Berners-Lee 5-star Open Data Scheme
- Intent to move progressively “up” the 5-star scheme
- Most outputs at 3-star (some at 4-star)



Welcome to NINIS

NINIS – the Northern Ireland Neighbourhood Information Service - provides free access to statistical and locational information relating to small areas across Northern Ireland. Information is available across a range of themes including Population, Health & Social Care, Education & Skills and Crime.



Quick profile

Enter a **postcode**, street or area to view summary statistics for that area.

Recently added data sets:

Theme	Subset	Title	Geography	Year	Share
Government	Central and Local Government	Published Electorate (administrative geographies)	AA,Ward	2008-2013	
People and Places	People	Child Benefit Claimants (administrative geographies)	HSSB,HSCT,AA,LGD,Ward	2000-2012	
Health and Social Care	Health Care System	Nursing, Midwifery and Health Visiting Staff (administrative geographies)	HSCT	2009-2013	
Agriculture and Environment	Environment	Local Authority Collected Municipal Waste Recycling (administrative geographies)	HSCT,LGD	2003-2012	
Population	Deaths	Excess Winter Mortality (administrative geographies)	HSCT	1991-2012	

[View all data sets...](#)

News

Most Popular Baby Names 2013 released

Jack and Grace take 1st place!
19 December 2013

Census 2011 Key Statistics for New 11 Districts (LGD 2014) in Northern Ireland to be released

This release includes Key Statistics tables for the new 11 districts (LGD 2014) in Northern Ireland ...
19 December 2013

NINIS E-zine

The latest NINIS E-zine has been issued.
19 December 2013

[View all news...](#)

Common searches

education deaths **census**
births children marriage crime
deprivation religion disability
health unemployment housing
population poverty

Quick links

Site map About us Contact us Privacy policy
Accessibility Workshops FAQs Terms & conditions

Follow NINIS





Go to advanced location search or data search



Home
Area Profile
Statistics ▾
Interactive Content ▾
Maps
News
Help ▾

Home > Census 2011 > Car or Van Availability: KS405NI (administrative geographies) - Table view

Car or Van Availability: KS405NI (administrative geographies)
Table | Chart | Map | Metadata

Select ▾
Available Geographies: LGD ▾
Full Screen
Default View
Export as: Select
Select
CSV
Excel
PDF Download

Year ▾
Variables ▾

LGD	2011											
	All households	No cars or vans in household	1 car or van in household	2 cars or vans in household	3 cars or vans in household	4 or more cars or vans in household	All cars or vans	No cars or vans in household (%)	1 car or van in household (%)	2 cars or vans in household (%)	3 cars or vans in household (%)	4 or more cars or vans in household (%)
Northern Ireland	703275	159659	291016	190196	44227	18177	884589	22.70	41.38	27.04	6.29	2.58
Antrim	20064	3616	8288	6074	1450	636	27634	18.02	41.31	30.27	7.23	3.17
Ards	31514	5233	12903	10035	2457	886	44284	16.61	40.94	31.84	7.80	2.81
Armagh	21594	3210	8497	7059	1900	928	32485	14.87	39.35	32.69	8.80	4.30
Ballymena	24817	4284	10037	7609	2011	876	35160	17.26	40.44	30.66	8.10	3.53
Ballymoney	11508	1778	4731	3649	911	439	16720	15.45	41.11	31.71	7.92	3.81
Banbridge	18303	2596	7138	6349	1570	650	27404	14.18	39.00	34.69	8.58	3.55
Belfast	120595	48321	49528	18707	3140	899	100281	40.07	41.07	15.51	2.60	0.75
Carrickfergus	16200	3432	6989	4507	979	293	20212	21.19	43.14	27.82	6.04	1.81
Castlereagh	27733	5020	12435	8350	1504	424	35535	18.10	44.84	30.11	5.42	1.53
Coleraine	23508	4986	10032	6454	1499	537	29864	21.21	42.67	27.45	6.38	2.28
Cookstown	12904	1960	5024	4056	1187	677	19713	15.19	38.93	31.43	9.20	5.25
Craigavon	35931	7946	15489	9633	2119	744	44379	22.11	43.11	26.81	5.90	2.07
Derry	40779	12839	17083	8367	1853	637	42190	31.48	41.89	20.52	4.54	1.56
Down	26206	4373	10485	8233	2166	949	37610	16.69	40.01	31.42	8.27	3.62
Dungannon	20270	3245	8139	6273	1671	942	29905	16.01	40.15	30.95	8.24	4.65
Fermanagh	23069	3702	9098	7403	1959	907	33774	16.05	39.44	32.09	8.49	3.93
Larne	13297	2873	5594	3573	906	351	17016	21.61	42.07	26.87	6.81	2.64
Limavady	12098	2359	5013	3503	870	353	16182	19.50	41.44	28.96	7.19	2.92
Lisburn	45723	8752	19170	13646	3025	1130	60605	19.14	41.93	29.84	6.62	2.47
Magherafelt	15037	2152	5511	5055	1458	861	23845	14.31	36.65	33.62	9.70	5.73
Moyle	6608	1262	2832	1834	458	222	8854	19.10	42.86	27.75	6.93	3.36

The screenshot shows the NINIS website interface. At the top left is the Northern Ireland Statistics & Research Agency logo. A search bar is present with the text 'Go to advanced location search or data search'. The main navigation menu includes 'Home', 'Area Profile', 'Statistics', 'Interactive Content', 'Maps', 'News', and 'Help'. The breadcrumb trail reads 'Home > Population > Births (administrative geographies) - Metadata view'. Below this, there are tabs for 'Table', 'Chart', 'Map', and 'Metadata', with the 'Metadata' tab highlighted in red. The data period '1999-2011' is displayed below the tabs.

Organisation

Organisation Name	Demography & Methodology Branch
Email Address	census.nisra@dfpni.gov.uk
Responsible Party Role	Resource Provider
Telephone Number	028 9034 8160
Resource Locator	www.nisra.gov.uk/ninis

Investing for Health	Objective 7 - Healthier Choices
Topic Category	Society
Keyword	Population distribution-demography (INSPIRE); Births; Unmarried; Mothers; Teenage; Pregnancy; Babies; Born;

Temporal

Temporal Extent	1999-2011
Frequency of Update	Continual
Frequency of NINIS Update	Annually
Dataset Reference Date	1999-2011

Geographic

Qualifications and Students KS501NI

No qualifications : Aged 16+ years (%) - 2011

Current Geography: Local Government Districts

Data

Geography

Filter

Clear Filter

Reset Layout

Legend Settings

Export as Image

Print Map

Help

Name	Indicator
Carrickfergus	25.44
Castlereagh	23.75
Coleraine	28.59
Cookstown	33.66
Craigavon	30.59
Derry	32.61
Down	25.94
Dungannon	31.06
Fermanagh	32.33
Larne	27.91
Limavady	34.48
Lisburn	25.27
Magherafelt	31.55
Moyle	31.27
Newry and Mourne	29.82
Newtownabbey	26.01
North Down	20.12
Omagh	31.65
Strahane	40.52

- 20 - 26
- 27 - 28
- 29 - 31
- 32 - 32
- 33 - 41

- Towns/Cities
- Local Government Districts
- Health and Social Care Trusts
- Background Mapping

Name	Indicator
Belfast HSCT	29.11
NI	29.12
Northern HSCT	29.04
South Eastern HSCT	24.52
Southern HSCT	30.04
Western HSCT	33.67

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*Non zero Y-axis

Lisburn

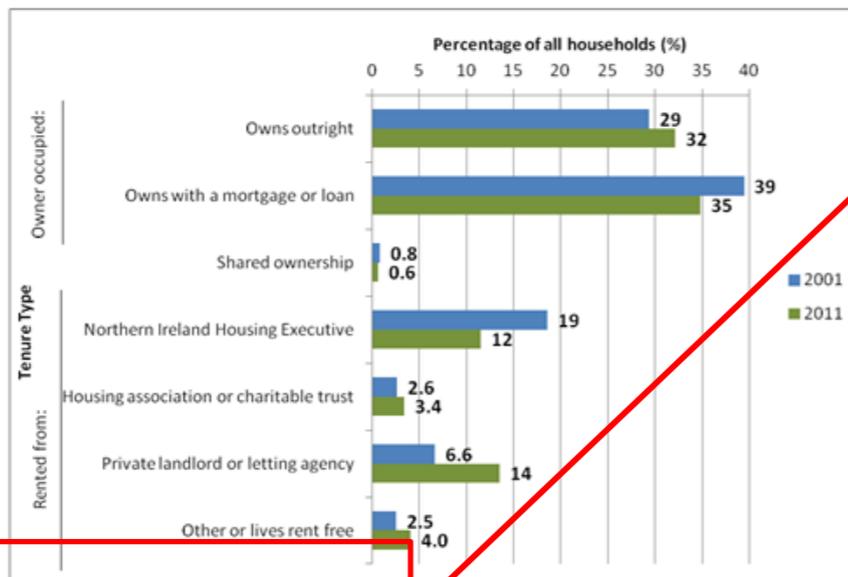
Newry and Mourne

- No qualifications (%)
- Level 1 qualifications (%)
- Level 2 qualifications (%)
- Apprenticeship (%)
- Level 3 qualifications (%)
- Level 4 qualifications and above (%)
- Other qualifications (%)

Press Control Key or Command Key to select multiple areas

Statistical reports

Figure 4.1 - Tenure type (all households)



[Download chart and supporting data](#)

[Download chart and supporting data](#)

- Although every LGD experienced a sizeable increase in the number of privately renting households between the 2001 and 2011 Censuses, the rates of increase varied greatly. The largest proportionate increases occurred in Castlereagh (245 per cent), Antrim (221 per cent) and Ballymoney (216 per cent), while the smallest were in Belfast (74 per cent), Coleraine (85 per cent) and Moyle (89 per cent) ([Table KS402NI](#)).

- Facility to access underlying data...
- Contained within statistical reports...

Publication of 'statistics'

- Well established (Open Data) procedures for statistical datasets – while respecting confidentiality

Increased emphasis on datasets

- Increasing demand for access to 'raw' data
- Sample survey datasets deposited, for re-analysis, in UK archive
- Sample data set (1%) available from the 2011 (and previous) Censuses

Microdata

Select a data theme using the list below. Then filter results by available geography, data subset and year.
Click on the links below to view data in grid or excel format.

- Agriculture and Environment
- Business and Energy
- Children Education and Skills
- Crime and Justice
- Economy
- Government
- Health and Social Care
- Labour Market
- People and Places
- Population
- Travel and Transport
- Census 2001
- Census 2011** ▶
- Deprivation
- Investing for Health ▼
- Neighbourhood Renewal ▼

Census 2011

The Census collects information every 10 years about the characteristics of people and households in Northern Ireland. It is used by central and local government, health authorities and many other organisations to plan and provide future services for us all. The 2011 Census took place on 27 March 2011.



Due to the volume of census data that will be available the 2011 Census data will be released in 4 main stages. The first release of census data on NINIS took place on 19 September 2012; the latest information was published on 28 November 2013.

Footnotes and definitions to accompany these tables can be found in the [Census 2011 Definitions and Output Classifications](#) document.

Supporting documentation on the release of census data can be accessed on the [NISRA Website](#).

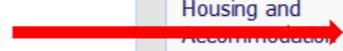
For more detail on the content and schedule of our future releases visit the [Northern Ireland Census 2011 Output Prospectus](#).

To view Statistics on this theme click [here](#).

To view Interactive content on this theme click [here](#).

Filters: Subset: Geography: Year:

Subset	Geography	Year	Share	Type
Housing and Accommodation	5402NI (administrative) NUTS3,ELB,HSCT,AA,LGD,Ward	2011	f t	grid excel
Housing and Accommodation	5402NI (statistical) SOA	2011	f t	grid excel
Housing and Accommodation	Accommodation Type - Households_QS402NI (statistical geographies) SA	2011	f t	excel
Housing and Accommodation	Accommodation Type - Usual Residents: QS401NI (administrative geographies) NUTS3,ELB,HSCT,AA,LGD,Ward	2011	f t	grid excel



Large data sets

- IT capability of accessing and analysing very large data sets
- NISRA holds a very large sample (c500k) of records linked across the 1991 – 2001 – 2011 Censuses for longitudinal analysis purposes
- Legal gateways
- Use of safe-setting and governance

Safe setting

- Data access only in a secure data lab
- ‘Approved researcher’ procedure
- Research approvals process
- Ethical approval
- Project specific extracts (See only approved data variables)
- Disclosure control on outputs
- Respecting confidentiality is paramount

Administrative Data Research Centre

- Safe system to link and research administrative data from government depts
- Announced late 2013
- Part of £35m UK-wide ESRC initiative (5 centres across the UK)
- NI centre - QUB (director), UU & NISRA consortium

Administrative Data Research Centre

- NISRA will play a key role in providing the safe-setting, the linkage of the large datasets and facilitate access to the data
- All outputs will be statistical / research in nature
- Research will be for accredited researchers on project specific datasets
- No individual-level data will leave the safe-setting

Summary

- NISRA has well established procedures for statistical outputs, consistent with Open Data
- Intent to move up the 5-star scheme
- Increasing emphasis on access to data sets – as against statistical outputs
- Procedures to hold, match, and analyse large data sets

Confidentiality

- Respect for the confidentiality of individuals remains paramount
- “but not so restrictive as to limit unduly the practical utility of official statistics”

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