



# 2021- 2011 Census in Northern Ireland questionnaire comparability report

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### 1. Introduction

### 1.1. Background

Census 2021 took place on 21 March 2021 and was conducted by the Northern Ireland Statistics and Research Agency (NISRA).

Census 2021 was primarily conducted online with most households receiving an invitation to fill out their questionnaire through a secure website. For the majority of householders this made the census easier to complete. Given the importance of ensuring that everyone took part, those who wanted to could still complete their census questionnaire on paper.

Census 2021 in Northern Ireland recorded the highest ever response rate in the modern era (97%).

Following the 2011 Census, NISRA engaged in an extensive period of consultation, research and testing to prepare for Census 2021. This included:

- collaboration with the Office for National Statistics (ONS) and National Records of Scotland (NRS) to ensure harmonisation of UK wide censuses;
- the 2015 topic consultation;
- engagement with topic experts;
- large scale quantitative research projects including the 2017 Census Test and 2019 Census Rehearsal; and
- various small scale pop-up research exercises.

Through this work, NISRA was able to ensure that the Census 2021 questionnaire met the user need. It allowed NISRA to determine the user need for information on each topic on the questionnaire and decide, given the limited space available, which questions should be added and which could be removed. Crucially, testing indicated how proposed new and updated questions might be received by the public.

Further details including the census timeline can be found within the <u>2021 Census</u> <u>proposals document</u>.

This paper details the changes/differences between the NISRA 2011 and 2021 paper questionnaires.

The PDF version of each questionnaire can be found via the links below:

- Census 2011 questionnaire for Northern Ireland
- Census 2021 questionnaire for Northern Ireland

### 1.2. Questionnaire design

Although Census 2021 would be conducted primarily online, the questionnaire design still had to meet the requirements of a paper questionnaire.

Due to the need to manage overall costs and the printing requirements, the 2021 paper questionnaire was limited to 32 pages (to cover the household questions, six usual residents and three visitors). It also had to meet scanning requirements set out by the questionnaire management supplier, for example, the size of tick boxes and space between questions had to meet exacting standards.

Furthermore, the online questionnaire had to satisfy the Government Statistical Service (GSS) guidelines on accessibility and ensure that the questions could be easily understood. As a result, NISRA had to carefully manage the content within the available space.

NISRA made a number of changes to the 2011 questionnaire to create the 2021 questionnaire, these included:

- updated or reworded question stems to ensure better and more consistent public understanding;
- updated response options to reflect changes in both the respondent and user needs over time;
- updated guidance and instructions within the questionnaire; and
- revised layout of response options to save space.

The 2011 Census included 45 questions. In 2021, this number was reduced to 44 – several questions were removed or updated, while others were added.

Questions on the following topics were removed:

- · self-contained accommodation;
- number of rooms available;
- three individual questions on short-term migration; and

voluntary work.

New questions on the following topics were added:

- renewable energy systems;
- apprenticeships (as a separate question); and
- sexual orientation .

### 1.3. Definitions

The majority of the 2011 Census definitions (mostly around the enumeration) remained unchanged for 2021.

However, due to societal changes since 2011, it was necessary to update a relatively small number of definitions relating to:

- sheltered housing;
- enumeration of Armed Forces personnel on ships;
- student enumeration;
- serviced apartments; and
- prisoners.

Full details on all definitions and changes can be found in the <u>Census 2021</u> population definitions.

### 1.4. Online questionnaire

In the 2011 Census, the paper questionnaire was the main method of response, however, in 2021, an online first approach was taken to the census. As a result, most households received an invitation to respond through a secure website. For the majority of householders this move made the census easier to complete. That said, given the importance of ensuring that everyone took part, those who wanted to, could still complete their census questionnaire on paper.

The online system included a number of features which were designed to make the questionnaire easier to complete and so reduce the burden on the respondent. These features included a hub to allow the respondent to keep track of their progress, specific routing to allow the household address and the name of the respondent to display in certain questions, and response drop-down lists for a

number of questions. All of these features, designed to help the user better understand each question and minimise the time spent completing the survey, underwent rigorous user testing with the public.

A small number of questions had to be presented differently on the online questionnaire from the paper questionnaire due to space constraints (on paper) and the difference in the modes of completion. These included questions on the following topics:

- type of accommodation;
- Irish/Ulster-Scots;
- health conditions;
- qualifications; and
- main place of work/study.

### Other additional features included:

- address lookups that let the respondent select their address from a list were added to reduce respondent burden (once the initial characters of an address were entered by the respondent, a list of possible addresses were presented);
- it was possible for an individual to request a separate Unique Access Code that would let them, for privacy reasons, complete an individual response, separate from their household/family response;
- online help was added to questions to provide extra guidance; and
- the user was able to complete the survey on a range of different devices/operating systems.

# 2. 2021 – 2011 questionnaire comparison

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
2.1. Enumeration base							
Count of usual residents in the	household and household meml	bers table					
H1: Who usually lives here?	H1: Who usually lives here?	No	Yes	Yes	Question wording change: No	Minor change.	Comparable
□ Me, this is my permanent or family home	☐ Me, this is my permanent or family home				Instruction change: The term 'USUAL RESIDENTS' was added to the right hand side of the question to reinforce the pool of people who should be reflected in this question.	Data comparable with 2011.	
□ Family members including partners, children, and babies born on or before 21 March 2021	□ Family members including partners, children, and babies born on or before 27 March 2011				<b>Tick box change:</b> The 2021 question was simplified by reducing the number of tick boxes – the 2011 tick box 'People staying, or expecting to stay, in a residential establishment (such as a hospital, care home, or hostel) for less than 6 months' was not		
<ul> <li>Students and/or schoolchildren who live away from home during term time</li> </ul>	<ul> <li>Students and/or schoolchildren who live away from home during term time</li> </ul>				included on the 2021 questionnaire.  For 2021, such individuals were covered by the		
<ul> <li>Housemates, tenants or lodgers</li> <li>People who usually live outside the UK who are staying in the UK for 3 months or more</li> <li>People who work away from home within the UK, or are members of the Armed Forces, if this is their permanent or family home</li> <li>People who are temporarily outside the UK for less than 12 months</li> <li>People staying temporarily who usually live in the UK but do not have another UK address (for example relatives or friends)</li> </ul>	<ul> <li>Housemates, tenants or lodgers</li> <li>People who work away from home within the UK, or are members of the armed forces, if this is their permanent or family home</li> <li>People staying, or expected to stay, in a residential establishment (such as a hospital, care home or hostel) for less than 6 months</li> <li>People who usually live outside the UK who are staying in the UK for 3 months or more</li> <li>People who are temporarily outside the UK for less than 12 months</li> </ul>				response option 'Other people who usually live here, including anyone temporarily away from home' with a note to direct the respondent to page 31 which further explained who should be included in this category.  Routing change: No		
<ul> <li>Other people who usually live here, including anyone temporarily away from home (see page 31 for further information)</li> </ul>	<ul> <li>People staying temporarily who usually live in the UK but do not have another UK address (for example, relatives, friends)</li> </ul>						
OR  no-one usually lives here (for example this is a second address or holiday home)	<ul> <li>Other people who usually live here, including anyone temporarily away from home (see page 31 for further information)</li> <li>OR</li> </ul>						
	□ No-one usually lives here (for example, this is a second address or holiday home)						

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
<b>H2:</b> Counting everyone you included in question H1, how many people usually live here?	<b>H2:</b> Counting everyone you included in question H1, how many people usually live here?	No	No	No	No change	N/A	Comparable
H3: Starting with yourself, list the names of all the people counted in question H2 including children, babies, lodgers and students living away.	H3: Starting with yourself, list the names of all the people counted in question H2 including children, babies and lodgers.	Yes	No	No	Question wording change: The 2021 question stem included an additional reference to 'students living away'. This was to emphasise the need to reflect all usual residents in the question, explicitly students living away from home.  Instruction change: No Tick box change: No Routing change: No	Minor change.  Data comparable with 2011.	Comparable
Visitors							
H4: Apart from everyone counted in question H2, who else is staying overnight here on 21 March 2021? These people are counted as visitors. Remember to include children and babies.	H4: Apart from everyone counted in question H2, who else is staying overnight here on 27 March 2011? These people are counted as visitors. Remember to include children and babies.	No	Yes	No	Question wording change: No Instruction change: The term 'VISITORS' was added to the right hand side of the 2021 question to reinforce the pool of people who should be reflected in this question.	Minor change.  Data comparable with 2011.	Comparable
VISITORS					Tick box change: No		
<b>H5:</b> Counting only the people included in question H4, how many visitors are staying overnight here on 21 March 2021?	H5: Counting only the people included in question H4, how many visitors are staying overnight here on 27 March 2011?				Routing change: No		
Relationship matrix	1	l				1	
H6: How are members of the household related to each other? If members are not related, tick the 'Unrelated' box.	<b>H6:</b> How are members of the household related to each other? If members are not related, tick the 'Unrelated' box.	No	Yes	Yes	Question wording change: No Instruction change: The guidance notes were amended to clarify them for the respondent.	Minor change.  Data comparable with 2011.	Comparable
□ Husband or wife	□ Husband or wife				<b>Tick box change:</b> The reference to same-sex was removed from 'civil partner'.		
□ Civil partner	□ Same-sex civil partner				Routing change: No		
□ Partner	□ Partner						
□ Son or daughter	□ Son or daughter						
□ Step-child	□ Stepchild						
□ Brother or sister	□ Brother or sister						
□ Step-brother or step-sister	□ Stepbrother or stepsister						
□ Mother or father	☐ Mother or father						
□ Step-mother or step-father	□ Stepmother or stepfather						
□ Grandchild	□ Grandchild						
□ Grandparent	□ Grandparent						
□ Relation – other	□ Relation – other						
<ul><li>Unrelated (including foster child)</li></ul>	<ul><li>Unrelated (including foster child)</li></ul>						

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
2.2. Household questions							
Type of accommodation							
H7: What type of accommodation is this?  A whole house or bungalow that is:  detached semi-detached terraced (including end-terrace)  A flat, maisonette or apartment that is:  in a purpose-built block of flats part of a converted or shared house (including bedsits)  in a commercial building (for example in an office building, hotel, or over a shop)  A mobile or temporary structure: a caravan or other mobile or	H7: What type of accommodation is this?  A whole house or bungalow that is:  □ detached □ semi-detached □ terraced (including end-terrace)  A flat, maisonette or apartment that is: □ in a purpose-built block of flats or tenement □ part of a converted or shared house (including bedsits) □ in a commercial building (for example, in an office building, hotel, or over a shop)  A mobile or temporary structure:	No	Yes	Yes	Instruction change: The online question was split over a number of screens dependent on the respondent's answer. Respondents who selected 'Whole house or bungalow' at the initial question were then taken to the question 'Which of the following is your house or bungalow?'. Whereas, respondents who selected 'Flat, maisonette or apartment' were directed to the question 'Where is your flat, maisonette or apartment?'. Finally, respondents who selected 'Caravan or other temporary mobile or temporary structure' were directed to next household question on the questionnaire.  User testing indicated that splitting the question over three screens reduced respondent burden and helped the respondent navigate the question more easily.  Tick box change: In both the online system and the paper question, the reference to 'Tenement' in the fourth tick box in 2011 question was removed, as in 2021, there were very few such household types		Comparable
temporary structure	□ a caravan or other mobile or temporary structure				within Northern Ireland.  Routing change: No		
Not asked in 2021	H8: Is this household's accommodation self-contained?	N/A	N/A	N/A	This question was dropped from the 2021 questionnaire due to the development of a more detailed census address register. The new register allowed for the identification of multiple (self-contained) households at a single address – as a result, each household was provided with their own census questionnaire – hence no need to ask if they were self-contained, and space on the paper questionnaire could be freed up.	N/A	N/A
Not asked in 2021	H9: How many rooms are available for use only by this household?	N/A	N/A	N/A	The question was also dropped from the 2021 questionnaire - part of the work after the 2011 Census suggested that this question had not been particularly well answered due to respondents not following the guidance around which rooms to count.  As a result, NISRA investigated whether any alternative administrative sources of data on the number of rooms in households was available – the by-product of this would also be to save space on the paper questionnaire. An investigation of data held by Land & Property Services revealed it to be of a high quality and coverage, and that it could be added to the census information on a household-by-household basis. As a result, the question was not needed and the space was saved.	N/A	N/A

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
H8: Has this accommodation been designed or adapted for:  □ internal wheelchair usage (for example a downstairs bathroom)?  □ external wheelchair access (for example a ramp)?  □ other physical or mobility difficulties?  □ visual difficulties?  □ hearing difficulties?  □ other, write in	H10: Has this accommodation been designed or adapted for:  wheelchair usage?  other physical or mobility difficulties?  visual difficulties?  hearing difficulties?  other, write in  None of the above	No	No	Yes	Question wording change: No Instruction change: No (just question numbers) Tick box change: Responses to the topic consultation confirmed an ongoing need for information on the number of households where the property has been adapted for a range of health conditions or disabilities. For 2021, NISRA updated the response options to distinguish between internal wheelchair usage and external wheelchair access. In addition, examples of adaptations were added to certain response options to increase clarity. Routing change: No	Minor change.  Data comparable with 2011.	Comparable
<ul> <li>□ no adaptations</li> <li>H9: What type of central heating does this accommodation have?</li> <li>□ Oil</li> <li>□ Main gas</li> <li>□ Tank or bottled gas</li> <li>□ Electric (for example storage heaters)</li> <li>□ Wood (for example logs or waste wood)</li> <li>□ Solid fuel (for example coal)</li> <li>□ Renewable heating system</li> <li>□ Other central heating</li> <li>□ No central heating</li> </ul>	H11: What type of central heating does this accommodation have?  No central heating Gas Electric (including storage heaters) Oil Solid fuel (for example, wood, coal) Other central heating	No	No	Yes	Question wording change: No Instruction change: No (just question numbers) Tick box change: The 2011 question on type of central heating was updated for 2021 as research showed that it supported the monitoring of energy efficiency and fuel poverty. While some administrative information on central heating is available, it was deemed not to be a viable alternative source of the information required. The 2021 question included more response options, including a new 'Renewable heating system' option together with a standalone response option for 'Wood' which was added to meet the current user need.  Routing change: No	Minor change.  Some components will be directly comparable.	Broadly comparable
H10: What type of renewable energy systems does this accommodation have?  ☐ Solar panels for electricity ☐ Solar panels for heating water ☐ Wind turbine ☐ Other, write in	New question for 2021	N/A	N/A	N/A	The work to review the central heating question identified a need for information on renewable energy systems. A new question was developed with the help of topic experts to establish a benchmark and help inform progress toward achieving government targets on renewable energy.		New to 2021
H11: Does your household own or rent this accommodation?	H12: Does your household own or rent this accommodation?	No	No	No	Question wording change: No Instruction change: No (just question numbers) Tick box change: No Routing change: No	No change.  Data comparable with 2011.	Comparable

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
H12: Who do you rent from?	H13: Who is your landlord?	Yes	No	Yes	Question wording change: Yes	Minor change.	Broadly
<ul> <li>Northern Ireland Housing Executive</li> </ul>	<ul> <li>Northern Ireland Housing Executive</li> </ul>				Instruction change: No (just question numbers)	Data will have comparable aspects with 2011.	comparable
<ul> <li>Housing association or charitable trust</li> </ul>	<ul> <li>Housing association or charitable trust</li> </ul>				Tick box change: The 2011 question stem was simplified for 2021 and the 2011 'Private landlord or letting agency' option was replaced with two more-		
□ Private landlord	□ Private landlord or letting				detailed options of 'Private landlord' and 'Private renting with a letting agent' (due to increased user		
<ul> <li>Private renting with a letting agency</li> </ul>	agency  □ Employer of a household				need for further information on the local rental sector).  Routing change: No		
☐ Employer of a household	member				Routing change. No		
member	<ul><li>Relative or friend of a household member</li></ul>						
<ul> <li>Relative or friend of a household member</li> </ul>	□ Other						
□ Other							
H13: In total, how many cars or	H14: In total, how many cars or	No	No	No	Question wording change: No	No change.	Comparable
vans are owned, or available for use, by members of this	vans are owned, or available for use, by members of this				Instruction change: No (just question numbers)	Data comparable with 2011.	
household?	household?				Tick box change: No		
					Routing change: No		
2.3. Demography		-	1	1			
Name							
1: What is your name?	1: What is your name?	No	Yes	N/A	This confidential information is not part of the outputs.	Minor change.	Comparable
					Question wording change: No		
					Instruction change: The 2011 question was updated for 2021 to collect 'First name(s)' rather than 'First name'. This was to match the layout of the online questionnaire where (in line with the ONS approach) middle name was added to improve overall data quality and completeness.		
					Tick box change: N/A		
					Routing change: No		
Sex							
3: What is your sex?	2: What is your sex?	No	No	No	Question wording change: No	Minor change.	Comparable
					Instruction change: No (just question numbers)	Data comparable with 2011.	
					Tick box change: The order of the tick boxes in 2011 'Male, Female' was reversed in the 2021 question to reflect the fact that there are more females than males in Northern Ireland – this would also reduce respondent burden.	·	
					In addition, the order of this question was swapped with the question on date of birth to harmonise with the ONS approach where they had changed the order following user testing.		
					Routing change: No		

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
Date of birth							
2: What is your date of birth?	3: What is your date of birth?	No	No	N/A	Question wording change: No Instruction change: No (just question numbers) Tick box change: N/A Routing change: No	No change.  Data comparable with 2011.	Comparable
Marital status							
4: What is your marital or civil partnership status?    Single (never married and never in a civil partnership   Married   Separated, but still legally married   Divorced   Widowed   In a civil partnership   Separated, but still legally in a civil partnership   Formerly in a civil partnership which is now legally dissolved   Surviving partner from a civil partnership	4: On 27 March 2011, what was your legal marital or same-sex civil partnership staus?  Never married and never registered a same-sex civil partnership  Married  Separated, but still legally married  Divorced  Widowed  In a registered same-sex civil partnership  Separated, but still legally in a same-sex civil partnership  Formerly in a same-sex civil partnership which is now legally dissolved  Surviving partner from a same-sex civil partnership which is now legally dissolved	Yes	No	Yes	Question wording change: The 2011 question stem and several response options were modified to reflect current terminology and changes in legislation in 2020 which introduced opposite-sex civil partnerships.  Instruction change: No  Tick box change: Yes – removal of the term same-sex in relation to civil partnerships.  Routing change: No	Minor change.  Data will have comparable aspects with 2011.	Broadly comparable
Schoolchild or student							
5: Are you a student or schoolchild in full-time education?	5: Are you a student or schoolchild in full-time education?	No	No	No	Question wording change: No Instruction change: No Tick box change: No Routing change: No	No change.  Data comparable with 2011.	Comparable

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
Student term time address							•
6: During term time, where do you	6: During term time, do you live:	Yes	No	No	Question wording change: Yes	Minor change.	Comparable
usually live:					Instruction change: No	Data comparable with 2011.	
					Tick box change: No		
					Routing change: In 2011, respondents who ticked 'at another address' were directed to the end of the questionnaire because they would have been enumerated at their term-time address.		
					However, for 2021, given the difficulty of enumerating students, NISRA decided to take every opportunity to capture their details at both their term time address and at their home address – elements of double-counting could be addressed later. The 2021 questionnaire was therefore updated to ensure that the respondent completed the full questionnaire regardless.		
					Additionally, the online system took the opportunity to ask the respondent for full details of their term time address.		
2.4. Migration							
Country of birth							
7: What is your country of birth?	7: What is your country of birth?	No	Yes	No	Question wording change: No	Minor change.	Comparable
					Instruction change: This question is the first in a suite of questions around migration which, in 2011, had also identified what were termed 'short-term residents'. Following a detailed analysis of the 2011 data, it was found that this was a relatively small pool of people and that although they had said that they intended to stay in Northern Ireland for a period of 12 months or less, most actually had remained in Northern Ireland long after the 12 month cut-off. Given the effect of this on the quality of the data collected in this question, it was decided to drop these questions and use the space saved to ask different questions to meet the current user need.  The four questions removed from this section are shown below.  Tick box change: No  Routing change: No	Data comparable with 2011.	

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
Not asked in 2021	8: Routing question regarding when they arrived in UK	N/A	N/A	N/A	The four questions dropped for 2021.	N/A	N/A
	<b>9:</b> Including the time you have already spent in the United Kingdom, how long do you intend to stay in the UK?						
	<b>10:</b> Have you lived outside Northern Ireland for a continuous period of one year or more?						
	11: During this time outside Northern Ireland, what was the last country you lived in?						
8: What year did you come to live in Northern Ireland?	12: When did you most recently arrive to live in Northern Ireland?	Yes	No	N/A	Question wording change: The 2011 question stem was updated for 2021 to emphasise their most recent arrival to live in Northern Ireland. In addition, the 'Month' write in box was removed as analysis of the 2011 response suggested that respondents might have had difficulty remembering which month they arrived to live in Northern Ireland.  Instruction change: No (just question numbers)  Tick box change: N/A  Routing change: No	Minor change.  Data comparable with 2011.	Comparable
2.5. Ethnicity, Identity, Langua	ge and Religion						
Passports held	<u> </u>						
10: What passports do you hold?	14: What passports do you hold?	No	No	No	Question wording change: No Instruction change: No (just question numbers) Tick box change: No Routing change: No	No change.  Data comparable with 2011.	Comparable
National identity		1	l	1			
11: How would you describe your national identity?	15: How would you describe your national identity?	No	No	No	Question wording change: No Instruction change: No (just question numbers) Tick box change: No Routing change: No	No change.  Data comparable with 2011.	Comparable

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
Ethnic group				•			
12: What is your ethnic group?	<b>16:</b> What is your ethnic group?	No	No	Yes	Question wording change: No	Minor change.	Comparable
□ White	□ White				Instruction change: No (just question numbers)	Data comparable with 2011.	
□ Chinese	□ Chinese				Tick box change: The response options were		
□ Irish Traveller	□ Irish Traveller				updated for 2021 following research carried out on the 2011 Census results, an examination of the latest		
□ Roma	□ Indian				school census data, and engagement with the		
□ Indian	□ Pakistan				Equality Commission for Northern Ireland. As a result, the tick box categories for Roma and Filipino were		
□ Filipino	□ Bangladeshi				added and the options of Pakistani, Bangladeshi and Black Caribbean were removed (although these		
□ Black African	□ Black Caribbean				responses could still be written in).		
□ Black Other	□ Black African				The response options were split into two columns to		
☐ Mixed ethnic group, write in	□ Black Other				manage space constraints.		
□ Any other ethnic group, write in	☐ Mixed ethnic group, write in				Routing change: No		
	□ Any other ethnic group, write in						
Religion belong to/brought up in							
13: What religion, religious	17: What religion, religious	No	No	No	The two questions on religion were left unchanged to	No change.	Comparable
denomination or body do you	denomination or body do you	110	110		ensure any difference in outputs are data-driven	Data comparable with 2011.	Comparable
belong to?	belong to?				(changes in the distribution of response) rather than process-driven (any changes to layout or processing).		
<b>14:</b> What religion, religious denomination or body were you	<b>18:</b> What religion, religious denomination or body were you				Question wording change: No		
brought up in?	brought up in?				Instruction change: No (just question numbers)		
					Tick box change: No		
					Routing change: No		
Main language							
<b>15:</b> What is your main language?	19: What is your main language?	No	No	No	Question wording change: No	No change.	Comparable
<b>16:</b> How well can you speak English?	<b>20:</b> How well can you speak English?				Instruction change: No (just question numbers)	Data comparable with 2011.	
Lugusu:	Liigiiaii:				Tick box change: No		
					Routing change: No		

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
Irish/Ulster-Scots							
<b>17:</b> Can you understand, speak, read or write Irish?	21: Can you understand, speak, read or write Irish or Ulster-Scots?	Yes	Yes	Yes	This was another example of a question where the layout differed on paper compared to the online	Minor change.  Data comparable with 2011.	Comparable
<b>18:</b> Can you understand, speak, read or write Ulster-Scots?	Irish □ No ability				version.  The online question was split over two screens	·	
Tick all that apply.  ☐ No ability	□ Understand				dependent on the respondent's answer. Those who selected 'Speak' were filtered to the question on how frequently they speak it; all other respondents were		
□ Understand	□ Speak □ Read				filtered to the next question.		
□ Speak	□ Write				Question wording change: Yes		
□ Read	Ulster-Scots				The 2011 question on the ability to understand, speak, read or write Irish or Ulster-Scots was retained for		
□ Write	□ No ability				2021 due to evidence of user need from the topic consultation.		
How often do you speak Irish (17) or Ulster-Scots (18)?	□ Understand				However, the question was split into two separate		
□ Daily	□ Speak				questions so that they could be extended to collect information on the frequency with which Irish or Ulster-		
□ Weekly	□ Read				Scots is spoken.		
□ Less often	□ Write				<b>Instruction change:</b> Yes. The in-built shaded filter indicated that only respondents who could 'Speak'		
□ Never					either language should answer the question on frequency of use (also question numbers).		
					<b>Tick box change:</b> Yes. Addition of the tick boxes on frequency with which Irish or Ulster-Scots is spoken.		
					Routing change: No		
2.6. Health							
General health							
<b>19:</b> How is your health in general?	24: How is your health in general?	No	No	No	Question wording change: No	No change.	Comparable
					Instruction change: No (just question numbers)	Data comparable with 2011.	
					Tick box change: No		
					Routing change: No		
					In 2021, the order of the health questions was changed to reduce respondent burden.		
20: Are your day-to-day activities	22: Are your day-to-day activities	No	No	Yes	Question wording change: No	Minor change.	Comparable
limited because of a health problem or disability which has	limited because of a health problem or disability which has				Instruction change: No (just question numbers)	Data comparable with 2011.	
lasted, or is expected to last, at least 12 months?	expected to last, at lasted, or is expected to last, at			<b>Tick box change:</b> The order of the 2011 tick boxes was reversed in 2021 to reduce respondent burden based on the results of the 2011 Census where most people ticked 'no'.			
□ Yes, limited a little	□ Yes, limited a little				Routing change: No		
☐ Yes, limited a lot	□ No						

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
21: Do you have any of the following conditions which have lasted, or are expected to last, at least 12 months?  Deafness or partial hearing loss Blindness or partial sight loss A mobility or dexterity difficulty that requires the use of a wheelchair A mobility or dexterity difficulty that limits basic physical activities (for example walking or dressing) An intellectual or learning disability (for example Down syndrome) A learning difficulty (for example dyslexia) Autism or Asperger syndrome An emotional, psychological or mental health condition (for example depression or schizophrenia) Frequent periods of confusion or memory loss (for example dementia) Long-term pain or discomfort Shortness of breath or difficulty breathing (for example asthma) Other condition (for example cancer, diabetes or heart disease) No condition	23: Do you have any of the following conditions which have lasted, or are expected to last, at least 12 months?  Deafness or partial hearing loss Blindness or partial sight loss Communication difficulty (a difficulty with speaking or making yourself understood) A mobility or dexterity difficulty (a condition that substantially limits one or more basic physical activities such as walking, climbing stairs, lifting or carrying) A learning difficulty, an intellectual difficulty or a social or behavioural difficulty An emotional, psychological or mental health condition (such as depression or schizophrenia) Long-term pain or discomfort Shortness of breath or difficulty breathing (such as asthma) Frequent periods of confusion or memory loss A chronic illness (such as cancer, HIV, diabetes, heart disease or epilepsy) Other condition No condition	No	No	Yes	This question, due to the high number of tickboxes available, needed to be split over two screens online. The first of the two online questions asked about 'Physical health conditions' and the second asked about 'Other health conditions'. All respondents were presented with both questions.  Question wording change: No (just question numbers)  Tick box change: The 2011 response categories were updated to take account of changing user needs and to align with international definitions to promote standardisation. In particular, a new separate category was included in 2021 for 'Autism or Asperger syndrome', to develop a baseline on the prevalence of these conditions. In addition, other 2011 response options were disaggregated to increase the usability of the data.  These changes were arrived at through extensive collaboration with topic experts on health from the Department of Health, Department of Communities, Health and Social Care NI (HSCNI) and Queens University Belfast.  Routing change: No		Broadly comparable

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
Unpaid care		•					
22: Do you look after, or give any help or support to, anyone because they have long-term physical or mental health conditions or illnesses, or problems related to old age?  □ No □ Yes, 1 to 19 hours a week □ Yes, 20 to 34 hours a week □ Yes, 35 to 49 hours a week □ Yes, 50 or more hours a week	friends, neighbours or others because of either:	Yes	Yes	Yes	Question wording change: The 2011 question stem was updated for 2021 to support respondents who relied on online screen reader facilities.  Instruction change: The instructions were changed to align with the need to accommodate online screen readers (also question numbers).  Tick box change: The 'Yes, 20-49 hours a week' tick box was disaggregated to show a split at the 35-hour mark to allow for analysis on how much of the population (who provide care for 35 hours or more) qualify for carer's allowance.  Routing change: No	Minor change.  Data will have comparable aspects with 2011.	Broadly comparable
23: Are you aged 16 or over?	<b>26</b> : If you are aged 16 or over				In 2011, this question was managed by a filter that		
	Go to 27  If you are aged 15 or under  Go to 43				relied on the respondent following it. In 2021, an actual question (with yes and no tick boxes) was used to reinforce the filter.		
24: Which of the following best describes your sexual orientation?    Straight/Heterosexual   Gay or Lesbian   Bisexual   Other sexual orientation, write in	New question for 2021	N/A	N/A	N/A	The 2015 topic consultation showed that there was an identified need to gather data on sexual orientation to inform policy development and enable organisations to meet and monitor their statutory obligations stemming from Section 75 of the Northern Ireland Act 1998 and other relevant legislation.  As a result, a question on sexual orientation was developed through extensive research and testing. The question included an 'Other sexual orientation' write-in box for respondents who wished to use alternative terms to describe their sexual orientation. In addition, an option of 'Prefer not to say' was included to reduce respondent burden and preserve the response rate by providing every respondent with a tick box that met their needs. The front cover of the paper questionnaire also explained that there was no penalty for not completing the question – online respondents were able to complete their questionnaire without answering this question.  A topic report was published on the research and testing behind the decision to include the question.	N/A	New to 2021

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
2.8. Qualifications							
2.8. Qualifications  25: Have you achieved a qualification at degree level or above?  Yes  No  26: Have you achieved any other qualification?  GCSEs or equivalent  5 or more GCSEs (A*-C, 9-4), O levels (passes) or CSEs (grade 1)  Any other GCSEs, O levels or CSEs (any grades)  AS, A level or equivalent  2 or more A levels, 4 or more AS levels  1 A level, 2-3 AS levels  1 AS level  NVQ or equivalent  NVQ level 3, BTEC National, OND or ONC, City and Guilds Advanced Craft  NVQ level 2, BTEC General, City and Guilds Craft  NVQ level 1  Other or no qualifications, equivalent unknown  No qualifications	27: Which of these qualifications do you have?  1 - 4 O Levels/CSEs/GCSEs (any grades), Entry Level, Foundation Diploma  NVQ Level 1, Foundation GNVQ, Basic/Essential Skills  5 + O Levels (passes)/CSEs (grade 1)/GCSEs (grades A*-C), School Certificate, 1 A Level/2 - 3 AS Levels/VCEs, Higher Diploma  NVQ Level 2, Intermediate GNVQ, City and Guilds Craft, BTEC First/General Diploma, RSA Diploma  Apprenticeship  2 + A Levels/VCEs, 4+ AS Levels, Higher School Certificate, Progression/Advanced Diploma  NVQ Level 3, Advanced GNVQ, City and Guilds Advanced Craft, ONC, OND, BTEC National, RSA Advanced Diploma  Degree (for example BA, BSc), Higher degree (for example BA, PhD, PGCE)  NVQ Level 4-5, HNC, HND, RSA Higher Diploma, BTEC Higher Level, Foundation degree  Professional qualifications (for example teaching, nursing, accountancy)  Other vocational/work-related qualifications  Qualifications gained outside the UK	Yes	Yes	Yes	This is another example of a question where the layout differed on paper compared to the online version.  Analysis of the 2011 results suggested that some respondents had difficulty with the qualifications question.  The online suite of qualifications questions were split over six screens following extensive user testing that showed it reduced respondent burden.  Question wording change: NISRA engaged in extensive testing and consultation with the public and experts from the education sector to address this. The paper question was restructured by dividing it into three separate questions: (1) details of degree level qualifications, (2) details of other qualifications and (3) a separate question on apprenticeships (see next question).  Instruction change: The question layout was simplified by removing examples and much more emphasis was placed on the respondent to select their 'equivalent' qualification to reduce respondent burden and make the question easier to read.  Tick box change: Work with topic experts also ensured that the tick box titles could be aligned with current bandings on level of education. Hence, the 2011 response options of 'Professional qualifications', 'Other vocational/work-related qualifications' and 'Qualifications gained outside the UK' were removed.  Routing change: No	Minor change. Data will have comparable aspects with 2011.	Broadly comparable
27: Have you completed an apprenticeship?	□ No qualifications  New question for 2021	N/A	N/A	N/A	Introduction of a separate question on apprenticeships.		New to 2021

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
2.9. Voluntary work							
Not asked in 2021	28: In the past year, have you helped with or carried out any voluntary work without pay?	N/A	N/A	N/A	In 2011, the question on voluntary work required a yes or no answer however it did not ask about the type or frequency of the voluntary work. Research also identified that the Continuous Household Survey (managed by NISRA Central Survey Unit) contains a question about voluntary work which can be used as an alternative data source for this information if required, therefore it was agreed that the question would not be asked in the 2021 Census.	N/A	N/A
2.10. Labour market							
Introductory questions							
28: In the last seven days, were you doing any of the following?  ☐ Working as an employee ☐ Self-employed or freelance	<ul><li>29: Last week, were you:</li><li>□ working as an employee?</li><li>□ on a government sponsored training scheme?</li></ul>	Yes	No	Yes	The 2011 suite of labour market questions remained largely the same for 2021, however, the questions were reordered to make them flow better and reduce respondent burden.	Minor change.  Data will have comparable aspects with 2011.	Broadly comparable
☐ Temporarily away from work ill,	self-employed or freelance?				Question wording change: Slight wording change.  Instruction change: No		
on holiday or temporarily laid off							
<ul> <li>□ On maternity or paternity leave</li> <li>□ Doing any other kind of paid work</li> </ul>	<ul> <li>working, paid or unpaid, for your own or your family's business?</li> <li>away from work ill, on maternity leave, on holiday or temporarily</li> </ul>				<b>Tick box change:</b> Amended to remove 'government sponsored training scheme' and to split 'maternity or paternity leave' from 'temporarily away from work ill' to ensure UK-wide harmonisation for the labour		
□ None of the above	laid off?  □ doing any other kind of paid work?  □ none of the above				market section of the questionnaire.  Routing change: No		
29: Which of the following describes what you were doing in the last seven days?	33: Last week, were you:	Yes	No	No	Question wording change: Slight wording change. Instruction change: No Tick box change: No Routing change: No	Minor change.  Data comparable with 2011.	Comparable
<b>30:</b> In the last four weeks, were you actively looking for any kind of paid work?	30: Were you actively looking for any kind of paid work during the last four weeks?	Yes	No	No	Question wording change: Slight wording change. Instruction change: No Tick box change: No Routing change: No	Minor change.  Data comparable with 2011.	Comparable
<b>31:</b> If a job became available now, could you have started it within two weeks?	<b>31:</b> If a job had been available last week, could you have started it within two weeks?	Yes	No	No	Question wording change: Slight wording change. Instruction change: No Tick box change: No Routing change: No	Minor change.  Data comparable with 2011.	Comparable

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
32: In the last seven days, were	32: Last week, were you waiting to	Yes	No	No	Question wording change: Slight wording change.	Minor change.	Comparable
you waiting to start a job already accepted?	start a job already obtained?				Instruction change: No	Data comparable with 2011.	
addepted.					Tick box change: No		
					Routing change: No		
Paid work							
33: Have you ever done any paid	34: Have you ever worked?	Yes	Yes	Yes	Question wording change: Slight wording change.	Minor change.	Broadly
work?  ☐ Yes, in the last 12 months	<ul> <li>Yes, write in the year that you last worked</li> </ul>				<b>Instruction change:</b> The write-in box in the 2011 question was removed.	Data will have comparable aspects with 2011.	comparable
<ul> <li>Yes, but not in the last 12 months</li> </ul>	□ No, have never worked				<b>Tick box change:</b> This question was restricted for 2021 as research suggested that some respondents		
□ No, have never worked					had difficulty remembering the last year they worked - response options were added to distinguish whether or not the respondent has worked in the last 12 months (a threshold for long-term unemployment).		
					Routing change: No		
Occupation and industry	I						
<b>34:</b> Answer questions 35 to 41 for your main job or, if not working, your last main job.	<b>35:</b> Answer questions 36 to 42 for your main job or, if not working, your last main job.	Yes	No	No	The 2011 suite of labour market questions remained largely the same for 2021, however, they were reordered to make them flow better.	Minor change.  Data comparable with 2011.	Comparable
<b>35:</b> In your main job, what is (was)	<b>36:</b> In your main job, are (were)				Question wording change: Slight wording change.		
your employment status?	you:				Instruction change: No		
					Tick box change: No		
					Routing change: No		
	41: In your main job, what is (was)	Yes	No	Yes	Question wording change: Slight wording change.	Minor change.	Comparable
organisation or business you work (worked) for?	the name of the organisation you work (worked) for?				Instruction change: No	Data comparable with 2011.	
□ No organisation or work	□ No organisation (for example,				Tick box change: Minor amendment		
(worked) for a private individual	self-employed, freelance, or work (worked) for a private individual)				Routing change: No		
37: What is (was) your full job title?		Yes	No	N/A	Question wording change: Slight wording change.	Minor change.	Comparable
	specific job title?				Instruction change: No	Data comparable with 2011.	
					Tick box change: N/A		
					Routing change: No		
38: Briefly describe what you do	38: Briefly describe what you do	No	No	N/A	Question wording change: No	Minor change.	Comparable
(did) in your main job.	(did) in your main job.				Instruction change: No	Data comparable with 2011.	
					Tick box change: N/A		
					Routing change: No		

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
39: What is (was) the main activity	<b>40:</b> At your workplace, what is	Yes	Yes	N/A	Question wording change: Slight wording change.	Minor change.	Comparable
of your organisation, business or freelance work?	(was) the main activity of your employer or business?				Instruction change: Minor amendment.	Data comparable with 2011.	
	. ,				Tick box change: N/A		
					Routing change: No		
<b>40:</b> Do (did) you supervise or oversee the work of other	<b>39:</b> Do (did) you supervise any employees?	Yes	Yes	No	Question wording change: Slight wording change.	Minor change.	Comparable
employees on a day-to-day basis?	employees:				Instruction change: Removed	Data comparable with 2011.	
					Tick box change: No		
					Routing change: No		
<b>41:</b> In your main job, how many hours a week do (did) you usually	<b>42:</b> In your main job, how many hours a week do (did) you usually	No	No	Yes	Question wording change: No	Minor change.	Comparable
work?	work?				Instruction change: No	Data comparable with 2011.	
□ 0 − 15	□ 15 or less				Tick box change: Minor amendment.		
□ 16 – 30	□ 16 – 30				Routing change: No		
□ 31 - 48	□ 31 – 48						
□ 49 or more	□ 49 or more						
Name and address of main place of	of work or course of study			l		1	
42: What is the name and address	43: What address do you travel to	Yes	Yes	Yes	Question wording change: Slight wording change.	Minor change.	Comparable
of your main place of work or course of study (including school)?	for your main job or course of study (including school)?				The paper question asked the respondent for the address of their main job or course of study, however,	Data comparable with 2011.	
<ul><li>Not currently working or studying</li></ul>	<ul> <li>□ Not currently working or studying</li> </ul>				the online question was tailored specifically to the respondent based on their previous answers. This		
<ul> <li>Work or study mainly at or from home</li> </ul>	□ Work or study mainly at or from home				approach was the result of extensive user testing which showed that splitting the question reduced respondent burden.		
□ No fixed place	□ No fixed place				Instruction change: The guidance was clarified to		
☐ The address below, write in	□ Offshore installation				make it easier to understand.		
	☐ The address below, write in				<b>Tick box change:</b> The response option 'Offshore installation' was removed due to low numbers using this tick box in 2011.		
					Routing change: No		
Travel to main place of work or st	udy (including school)						
43: How do you usually travel to	44: How do you usually travel to	No	Yes	Yes	Question wording change: No	Minor change.	Comparable
your main place of work or study (including school)?	your main place of work or study (including school)?				<b>Instruction change:</b> The guidance was clarified to make it easier to understand.	Data comparable with 2011.	
					<b>Tick box change:</b> The response options were reordered for 2021 based on the pattern of response from 2011.		
					Routing change: No		

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
2.11. Further information (page	31)						
This section of the paper questionna	ire is used to provide more detailed gu	idance to the	respondent and	l to clarify wh	no should be reflected in the responses.		
This section was reviewed, to ensure	e that it continued to meet the needs of	f the user. As	a result, the fol	lowing two se	ections were updated.		
Students / schoolchildren who live away from home during term time  Students or schoolchildren who live away from home during term time must be included on the questionnaire at both their home and term-time addresses.	Students / schoolchildren who live away from home during term time  All students or schoolchildren who live away from home during term time need to be included on a questionnaire at both their home and term-time addresses.	N/A	Yes	N/A	This question asked students about their term time address. Given the difficulty of enumerating students in 2011, NISRA decided to take every opportunity to capture their details at both their term time address and at their home address in 2021 (elements of double-counting could be addressed later). As a result, the guidance was updated to reflect this change.	N/A	N/A
	<ul> <li>At their home address they must be included in Household questions (H1 to H3 and H6) and Individual questions (1 to 6).</li> <li>At their term-time address they must be included in Household questions (H1 to H3 and H6) and Individual questions (1 to 45).</li> </ul>						
Anyone who is temporarily away from their permanent or family home on 21 March 2021 should be included at their home address, in Household questions (H1 to H3 and H6) and Individual questions (1 to 44). This includes people who are:  • staying, or expecting to stay, in an establishment (such as a hospital, care home or hostel) for less than 6 months;  • living away from home while working, on holiday or travelling (unless outside the UK for 12 months or more);  • members of the Armed Forces;  • staying at their second address;  • visiting friends or relatives;  • in prison on remand (for any length of time), or sentenced to less than 12 months' imprisonment.	People temporarily away from home  Anyone who is temporarily away from their permanent or family home on 27 March 2011 should be included at their home address, in Household questions (H1 to H3 and H6) and Individual questions (1 to 45). This includes people who are:  • staying, or expecting to stay, in an establishment (such as a hospital, care home or hostel) for less than 6 months;  • living away from home while working, on holiday or travelling (unless outside the UK for 12 months or more);  • members of the Armed Forces;  • staying at their second address;  • visiting friends or relatives;  • in prison on remand (for any length of time), or sentenced to less than 6 months'	N/A	Yes	N/A	The changes on question H1 meant that this section needed to be updated, in particular for prisoners (from the 6 months threshold to 12 months).  The reason for this change is that prisoners sentenced under 12 months are frequently released halfway through their sentence.	N/A	N/A

2021 question	2011 question	Question wording change	Instruction change	Tick box change	Changes made	Impact	Extent of comparability
2.12. Visitor information							
V1: What is this person's name?	V1: What is this person's name?	No	No	N/A	Question wording change: No	No change.	Comparable
					Instruction change: No	Data comparable with 2011.	
					Tick box change: N/A		
					Routing change: No		
V2: What is this person's date of	V3: What is this person's date of	No	No	N/A	The order of the sex and date of birth questions was	No change.	Comparable
birth?	birth?				swopped to match the layout on the individual questionnaire.	Data comparable with 2011.	
					Question wording change: No		
					Instruction change: No		
					Tick box change: N/A		
					Routing change: No		
V3: What is this person's sex?	V2: What is this person's sex?	No	No	Yes	Question wording change: No	No change.	Comparable
					Instruction change: No	Data comparable with 2011.	
					Tick box change: The order of the 'Male' and 'Female' tick boxes was swopped to match the layout on the individual questionnaire.		
					Routing change: No		
<b>V4:</b> What is this person's usual UK	V4: What is this person's usual UK	No	No	N/A	Question wording change: No	No change.	Comparable
address? OR	address?  OR				Instruction change: No	Data comparable with 2011.	
Outside the UK, write in country	Outside the UK, write in country				Tick box change: N/A		
					Routing change: No		