Scotland's Census

Quality Assurance from release 2 onwards

Census Management Team, June 2013

National Records of Scotland

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Overview

▶ Preliminary stages

▶ Quality assurance of topics for release 2

▶ Topic Quality reports

▶ Next Steps

Development of methods

▶ Carried out agreed series of simple univariate checks at early stages

▶ Benefits of early sight of data was that feedback could be provided to processing team

▶ Developed systems and tools to be used throughout process and for dissemination of quality information

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Quality Topic Reporting

▶ Based on set of primary and derived variables which are used to produce tables in release 2

▶ Assumption that trends and patterns in raw census data will be indicative of full dataset

▶ Collating information in one place to draw on at later stages

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First phase of topics

▶ Ethnicity, Religion, Identity

▶ Country of birth and year of arrival

▶ Health and care

▶ Housing (occupied spaces)

▶ Economic Activity

▶ Industry and Occupation

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Second phase of topics

This work requires complex derived variables or data amendments

- ▶ Household Structure
- ▶ Language
- ▶ Long term health conditions
- ▶ Dwellings and unoccupied household space
- ▶ Central heating
- ▶ Migration
- ▶ Workplace

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Quality Topic Report Format

- ▶ 1: Questions & Variables Covered
- ▶ 2: Tracking Missing Data
- ▶ 3: Data Changes From Step 10 / Edit & Imputation/Step 13
- ▶ 4: Internal Analysis
- ▶ 5: External Analysis
- ▶ 6: Known Quality Issues (may only be relevant for some variables)
- ▶ 7: Definitions and references
- ▶ 8: Links to programmes and spreadsheets

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Next Steps

▶ Data amendments
   – Long Term Conditions
   – Central Heating
   – Partial Postcodes
▶ Review of forms of presentation
▶ Commentary workshop for bulletin and future publications

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