



# LOOKING TOWARDS 2011

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# Introduction

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- 2011 Plans and Challenges
  - Topics
  - Coverage
  - Address Register
  - Outputs
- 2011 Context
  - How the world has changed
  - User expectations
    - Pressure for more topics
    - Making optimum use of advances in technology
  - Funding constraints
    - Pressure on ONS to contain costs
    - Full funding not agreed- to be determined by CSR in 2007

# RGs Statement of Agreement on Conduct of 2011 Censuses

*..... Subject to the need for approval by relevant legislatures, aim to achieve harmonisation on:*

- Topics and questions
  - Common questions should be agreed wherever possible, diverging only in response to clear user needs, with such divergences minimised and the scope for cross-comparison maximised
- Outputs
  - Consistent, coherent and accessible statistics for the UK and for each component country
  - Joint database being a way of facilitating that outcome
- Disclosure Control and Estimation Methodology
  - Common methodologies for disclosure control and for estimation should be evaluated, tested and agreed in advance of the Census

# Topic consultation update: Who responded?

- About 500 users responded to consultation
- Over 2000 topic responses

Government departments & bodies	20
Local/regional govt and PCTs	200
Academia	40
Business	20
Other groups	100
General public	120

# What do users want?

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- Most 2001 Census topics
- Strong cases made for new topics:
  - National identity – ie English; Welsh, etc
  - Income
  - Language
  - Second homes
  - Sexual orientation
- Put topics in one of three categories – will have; might have; will not have

## Issues for census, and users

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Assuming 3 pages of questions per person

- More detail wanted (eg marital status; ethnicity)
- Additional topics wanted
  - More “might have” topics than space
- Some questions would need lots of space
  - Second residence, income, or language
- Difficult judgements (to be made by mid 2008)
  - Topic choices
  - Level of detail

# How make choices?

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- Priority to get headcount right
  - High response – make easy to complete
- Prioritised topics based on :
  - Funding (2007 Comprehensive Spending Review)
  - Strength of user need
  - Do alternative sources exist?
  - Could we develop a workable question?
  - Would public accept question?
  - Continuity from previous census

# Way forward

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- Test questionnaire in 2007
  - May drop questions that work, to test new questions
- Small scale questions testing
- Decide on topics for rehearsal by mid 2008
  - Discuss with key users and Wales, Scotland and Northern Ireland
- Parliament decides on census content in 2009
  - Continue to engage with users
    - up to questionnaire for rehearsal (Summer 08)

## High Quality addresses list development

- Working with OS/IDEA
  - to understand and assess their products
  - Manchester initially & then 2007 test LAs
    - NLPG & OS working to improve lists
- 2007 Test areas – working with LAs
  - compare counts of addresses (at ED level) from NLPG and OS
  - LA input to understand differences eg for example, new buildings, multi-occupation

# Addresses checking

- Small scale testing in summer 2005
  - identified successful methods of contact
  - Helped to develop efficient procedures
- Address checking in the 2007 Test
  - ONS target intensive address checking (full contact) in areas of high multi-occupancy (Sept-Oct 2006)
  - Re-check areas with high levels of new build or discrepancies identified during address checking (March-April 2007)
  - Feed back problems found to IDEA/OS

# Address list development – CEs and property intelligence

- Aim – identify & classify Communals
  - Don't miss them; enumerate appropriately
- Identifying CEs from administrative sources (eg VOA, Social Services registration, etc)
- LAs asked to supply info to help enumeration
  - Up-to-date information on completed new buildings
  - Location and type of communal establishments (where quantities of Individual forms will be required);
  - Gated communities (particular access difficulties);
  - Large households (continuation forms needed);
  - Multi-occupied households (where more than one Household form will be required);
  - Vacant or otherwise unoccupied accommodation

# Coverage Assessment in 2011

- Build on the experience of 2001
- Key Lessons
  - Dependence between Census and CCS
  - Need better measurement of overcount
- Working assumptions
  - Will have a Census Coverage Survey
    - Similar sample size (320,000 households)
  - use Dual system estimation methods
  - database fully adjusted as in 2001
    - Impute whole households
    - Impute persons into counted households
  - use census address list to:
    - help measure coverage of households
    - improve imputation process

# Coverage Assessment research

- What are we exploring?
  - Complete review of CCS design
  - Complete review of estimation strategy
  - Supplementing CCS with other data sources
    - Census Visitor information
    - IHS (provides information on 'within' household coverage)
    - Census address list
    - These help measure and adjust for dependence between Census and CCS
  - Better measures of Overcount
    - Use second residence information
    - Considering database searching
  - More robust adjustment methodology

# Coverage Assessment Timetable

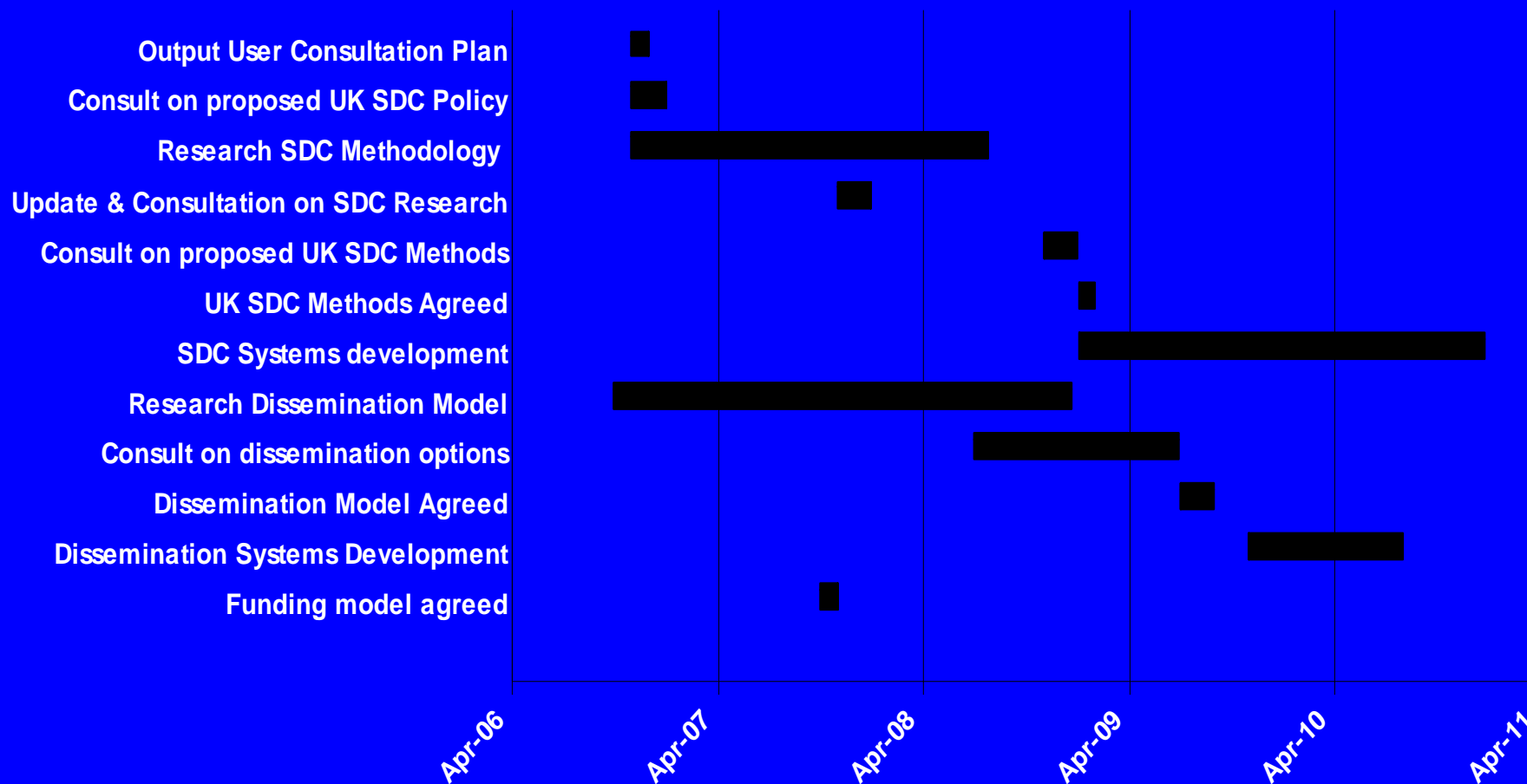
- Timetable:
  - Research ongoing 2005-2010
  - CCS Design strategy in 2007
  - Start adjustment research in 2007
  - Agree CCS sample size in 2008
  - Estimation methodology in 2009
  - Rehearsal CCS in 2009
  - Sign off detailed methodology in 2010
- User Consultation:
  - Similar in nature to 2001
  - Advisory groups, RSS papers, roadshows, conferences

# OUTPUTS - UK Aims and Principles

## KEY AIMS

- Common UK Statistical Disclosure Control Methodology
  - minimises disclosure risk whilst maximising data utility
- Joined-up and comparable UK outputs
- Standard pre-planned outputs disseminated free via web
- Web-based user defined flexible outputs
- Considering different levels of access for different outputs (e.g. origin/destination statistics)
- Concurrent publication of appropriate metadata with associated statistical outputs (eg response rates)
- Early access to tables for selected users for QA of tables
- Effective and prioritised corrections mechanisms in place

# 2011 Census Outputs: High level timetable



# Disclosure Control – common UK methods

- Development of U.K. wide SDC policy proposal Summer '06
- User consultation on proposed SDC policy and possible methods options Nov/Dec '06
- UK agreement January '07
- Methodological research phase Oct '06 to June '08
- User update/consultation on methodological research Autumn '07
- User consultation on proposed UK SDC methods Autumn '08
- UK SDC agreement and sign-off of SDC methods for 2011 Census outputs Jan '09
- SDC Systems development Jan '09 - Dec '10

# Dissemination of Census outputs

- Research phase Oct '06 –Dec '08
  - Assess corporate functionality
  - Consultation on user requirements for tabular and microdata
  - Explore potential for partnerships with 2001 distributors
  - Assess other off-shelf products
- Feasibility phase July '08–June'09
  - Compare feasibility of different dissemination models
  - User consultation on different dissemination model options including mode of access (public, safe setting, licence)
- Dissemination model agreed Summer '09
- System development Autumn '09-2011
- First outputs from Sept 2012

# Conclusion

- Topics
  - Consultation carried out
  - Requests higher than space on form
  - Testing new questions in 2007
- Coverage
  - Building on 2001 process
  - Improve methods – dependence
  - Use other info (eg addresses)
- Address Register
  - Working with IDEA & OS
  - Assessing these products, & test in 2007
  - Working with test LAs
- Outputs
  - High level plan for SDC, outputs, systems
  - Started work on disclosure policy
  - Output User Consultation Strategy Autumn '06