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Information Paper

Census of Population and Housing

**ABS Views on Census Output
Strategy**

2006

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Housing**

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Strategy**

2006

Peter Harper
Acting Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

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INTRODUCTION

The next Australian Census of Population and Housing is expected to be conducted on 8 August 2006. The objective of the census is to measure accurately, the number of people and dwellings in Australia on census night, and a range of their key characteristics.

The census provides the basis for periodic estimates of the population of each of the states, territories and Local Government Areas, primarily for electoral purposes and the distribution of government funds. The census also provides information about the population's characteristics and its housing, within small geographic areas to support planning, administration, policy development and evaluation activities in the public and private sectors.

The census is the largest statistical operation undertaken by the Australian Bureau of Statistics (ABS). Notwithstanding advances in technology, there is still a relatively long lead time required to release census data because of the essential activities for collection, capture, coding, and validation. Some 30,000 collectors will be recruited and trained to deliver and collect census forms. A centralised processing centre will be set up and staffed by about 1,000 ABS officers to capture, code and validate over seven hundred million responses. It is expected that these processes will begin in late August 2006 with the total processing phase lasting approximately 12 months.

More details about the 2006 census content, collection operations, privacy protection, confidentiality, processing and evaluation activities will be contained in *2006 Census of Population and Housing: Nature and Content* (cat. no. 2008.0) to be released early next year.

USER FEEDBACK

The aims of this paper are to inform census users of the proposed ABS strategies for 2006 census products and services, and to seek their views on them.

With the development of technology, in particular the Internet, and the growing sophistication of the user community, the ABS intends to recast its range of products and services for the 2006 census. Most electronic products (including CDATEA 2006) will only be available via the Internet. A range of new Internet based products will be developed which will make it easier for users of varying levels of sophistication to get the data they need. The range of census publications will be reduced. The range of data that will be made available as standard census output will be expanded. It is proposed that all of the profile tables that were released for 2001 census will be made available again in 2006.

You are invited to comment on this strategy by either completing the enclosed questionnaire and returning it by mail or completing the questionnaire on the Internet at <www.abs.gov.au>.

Based on the results of this consultation, the ABS will develop specific proposals for the 2006 Census Output Program, including the development of prototypes for 2006 census products and services. Details of these prototypes will be circulated for comment in mid 2005.

REVIEWING THE 2001 CENSUS OUTPUT PROGRAM

PROGRAM REVIEW

The 2001 Census Output Program saw a number of firsts. The most significant by far was the dissemination of the bulk of census data via the Internet. Since release day in June 2002, the census pages on the ABS Internet site have been host to millions of visits with over 600,000 profiles downloaded. Users have had access to an enormous range of data and its supporting documentation as well as other census services and general information about the census. Another Internet based product that proved to be popular was Snapshots. With the popularity of the Internet, the demand for printed publications was much less than for the 1996 census.

However, since the 2001 census, use of the Internet in the community has grown considerably, many more users now have broadband access and Internet software has improved. This will provide the opportunity to both expand the range of census information that can be readily available as well as providing considerable enhancements in the way the data can be accessed for the 2006 census. Products and services will be designed that provide a better match between Internet functionality and users' needs, based on their technical knowledge and level of experience with census data.

The two-phase release of data from the 2001 census was also popular with users and it is proposed to adopt a similar approach for the 2006 census. However there were delays in releasing some electronic products, in particular Socio-Economic Indexes for Areas (SEIFA) and the 2001 Census Household Sample File (HSF). The install procedures for some electronic products also caused problems for some clients.

Overall, most clients were very happy with the coverage of topics and the availability of relevant tables covering a range of different geographies.

KEY STRATEGIES

The following key strategies are proposed:

- Place of usual residence as the basis for the dissemination of standard census tables.
- Development of an expanded range of products and services based around the Internet.
- Timely release of data through a two-phase release strategy, increasing the number of first release data items while maintaining timeliness.
- Rationalisation of the range and complexity of CD-ROM products

PLACE OF USUAL RESIDENCE

Australian censuses have traditionally given priority to place of enumeration data. The place of enumeration is the location at which the person was counted on census night. This type of count provides a snapshot in any given area. Although the census is timed to attempt to capture the typical situation, holiday resort areas, such as the Gold Coast and snowfields, may show a large enumeration count compared with the usual residence count, which is based on where people usually live.

The 2001 census was the first to provide usual residence data at Collection District level. The data provided has proven to be a more reliable and consistent method of providing census counts for most purposes. For this reason the ABS intends to release data from the 2006 census using place of usual residence as the basis for the census counts.

It should be noted however, that census usual residence population counts differ significantly from the official Estimated Resident Population. Usual residence counts have not been adjusted for underenumeration and exclude Australian residents overseas on census night.

Selected data will also be made available using place of enumeration.

EXPANDED RANGE OF PRODUCTS AND SERVICES BASED AROUND THE INTERNET

INTERNET

The Internet has played an ever increasing role in the dissemination of census products. It provides the ABS with the opportunity to place its products on the desktops and in the households of users not just Australia wide but world wide and forms the cornerstone of the 2006 census dissemination strategy.

Previously, the ABS released census data as a defined range of products containing predefined tables. This was done via the Community Profile Series which grouped together tables on a geographic basis. Users were generally required to obtain all the tables for a particular geographic area and had limited ability to select tables according to topic of interest. The focus was on the geographic dimension of the data with minimal cross classification of different variables. This style of dissemination via the Community Profiles series will once again be available for the 2006 census dissemination.

EXPANDED RANGE OF
PRODUCTS AND SERVICES
BASED AROUND THE
INTERNET *continued*

However, users will have greater flexibility in choosing tables that meet their particular needs and have some ability to alter existing tables, or create new tables, that may better meet their needs. Overall, a wider range of data will be available as standard census output than was the case for the 2001 census.

The ABS is also exploring the possibility of providing an on-line tabulation service, provided that the technical capability can be developed that will also guarantee the confidentiality of the census data. There will be some restrictions on the level of geographic disaggregation that will be available.

This suite of products is described in detail in Chapter 6.

CD-ROM PRODUCTS

The 1996 and 2001 Census Output Programs saw a significant expansion in the number and complexity of CD-ROM products. Two types of CD-ROM products were produced: data only products (e.g. Census Basics and the 2001 Census HSF) that supply data for use with the user's own software packages and CD-ROM products that provided both data and software (e.g. CDATE 2001 and CLIB 2001).

The ABS will continue to supply data only products on CD-ROM.

For CD-ROM products that provided both data and software, the ABS experienced significant difficulties in supplying install procedures that worked consistently across a wide range of hardware and software combinations. The ABS has invested considerable resources in attempting to support outmoded and outdated technology used by a small number of users. The time and effort in supporting old technology is often to the detriment of the majority of users in terms of the delayed release of these products. For the 2006 census, the ABS plans to deliver these products via the Internet.

In making this decision the ABS is conscious of various Government initiatives to deliver high volume Internet access to remote and regional areas in Australia. The ABS is confident that the vast majority of users already have access to such services and that the current expansion of services will continue in the lead up to the release of 2006 census data in mid 2007. Users in remote and regional Australia are encouraged to contact the Department of Communications, Information Technology and the Arts to gain a more detailed knowledge of the range of Government initiatives currently in place. This is especially important, as some government initiatives require input from users to initiate the process to gain improved access to the Internet.

CDATA 2006

In line with the direction set out above, the Quickbuild version of CDATE 2006 will not be available as a CD-ROM product but delivered on-line. The proposed functionality planned for the ABS web site will provide clients with only basic GIS functionality such as the capacity to define custom areas and to thematically map data.

As the ABS does not intend to develop a full GIS version of CDATE 2006, ABS will be encouraging GIS companies, acting as ABS licensed intermediaries, to deliver a Full GIS style CDATE product for 2006 census data. The ABS will be responsible for supplying census data for such products. The intermediaries will be responsible for marrying the

EXPANDED RANGE OF PRODUCTS AND SERVICES BASED AROUND THE INTERNET *continued*

census data to a GIS product and supplying it to users. As such intermediaries will be responsible for product development, marketing, sales and support for their software.

This is a significant shift in direction for the delivery and content of the CDATA product and the ABS is keen for users to express any concerns they may have. There are a number of questions in the enclosed questionnaire that relate specifically to this issue and the ABS would encourage all existing and potential CDATA customers to consider their response.

TIMELY RELEASE OF DATA

One of the primary goals of the census is to provide timely and responsive output to users. Due to the enormous task associated with processing 11 million census forms, the previous two censuses have aimed at delivering data as quickly as possible by providing a two-phase release of standard tables from the census. First release tables are those tables containing variables that are relatively easy to process. Second release tables contain variables that require more complex processing. Data from the 2006 census will be released along similar lines. First release data will be made available as soon as possible after the census with a target date of June 2007. The second release of data will follow five months later in November 2007. The supplementary data release in mid 2008, will finalise all census data output for the 2006 census.

ABS PRICING STRATEGY

Since the 1986 census, all products and services have been priced in accordance with the Government's 'user-pays' policy. This policy has enabled the ABS to extend and improve the range of products and services available from the census. The following ABS objectives in charging are consistent with the 'user-pays' policy:

- to enable the demand for ABS products and services to be used as an indicator of how ABS resources should be used.
- to encourage users to address their real needs for ABS data, products and services.
- to relieve the general taxpayer of those elements of the cost of statistical services which have specific and identifiable value to particular users.

The ABS is currently conducting a review of its pricing policy. The outcomes of this review will affect the pricing of the 2006 census output. It would obviously be premature to predict the outcome of the pricing review but the submission from the Census Program to the pricing review will be to have a more logical and consistent approach to pricing. The outcomes of the pricing review will be consistent with the main tenets of ABS data dissemination.

- Community Service Obligation products which are disseminated free of charge (e.g. CLIB).
- Standard products charged at a level to recover direct costs after processing (e.g. Community Profiles).
- Specialist products charged to recover full costs (e.g. HSF, Customised Tables).
- Value added products charged to recover full costs plus a margin for risk (e.g. CDATE, SEIFA).

MEETING COMMUNITY
SERVICE OBLIGATIONS

The ABS will continue to provide results of the census, free of charge, for community access to meet the ABS' Community Service Obligations. This is in line with the ABS mission to assist informed decision making, research and discussion, and will be done in a number of ways:

- key results of the census will be made available to the community on the ABS web site.
- key results of the census will be made available to the media and Members of Parliament.
- libraries in the ABS Library Extension Program including the National and State libraries, major regional public and university libraries, will continue to receive a wide range of census data free of charge.
- products which provide reference information about census data will be made widely available.

INTERNET PRODUCTS

CENSUS QUICKSTATS

Census QuickStats will be a one-page summary of key census data relating to persons, families and households. The product is designed for the user who wishes to obtain general and topical information about their area, rather than needing in-depth data manipulation or analysis. A key feature will be the capacity for users to get quick access to data with a minimum of effort. The target audience for QuickStats is the novice user. The data will be available for a number of predetermined geographical levels that have high public recognition such as States, Territories, Local Government Areas, Postal Areas, Electoral Divisions, Suburbs, Urban Centres, Localities and Australia.

COMMUNITY DATA

Users accessing Community Data will be offered a range of topics and tables for a geographical area they select. Once again the data will be available for a number of predetermined geographical levels that have high public recognition. Having selected a geographical area, users will be asked to select a topic of interest. Users will then be presented with an array of tables containing data relevant to the topic. Community Data is designed for users who wish to access single tables of data covering a specific area rather than a range of profile tables.

CENSUS TOPICS

This product is designed for users who are interested in a particular subject matter (i.e. Topic). Once a topic is selected, users will be asked to specify their geographic area of interest and will then be presented with a list of all available tables covering that topic. Census Topics is designed for users who wish to access single tables of data covering a specific topic rather than a range of profile tables.

COMMUNITY PROFILES

Over many years Community Profiles have become a mainstay of census outputs and provide users with a series of tables containing the key census characteristics of persons, families and dwellings covering most topics on the census form. The profiles are excellent tools for researching, planning and analysing geographic areas, enabling comparisons to be made between different areas on a number of social, economic and demographic variables. The data content of the profile series used in 2001 will be reviewed in consultation with users, commencing in July 2005, to ensure that the 2006 census product contains tables which continue to meet general user needs.

The Basic Community Profile is the standard product from which most other standard products are created and contains detailed census data for small areas in a series of tables containing key census characteristics of persons, families and dwellings.

INTERNET PRODUCTS

continued

The Indigenous Profile will contain a series of tables that provide key census characteristics of Aboriginal and Torres Strait Islander persons, families and dwellings.

The Time Series Profile will contain a series of tables comparing data from the 1996, 2001 and 2006 censuses (where the classifications are comparable), and is based on 2006 Statistical Local Area boundaries. In the Time Series Profile some classifications will be redefined to obtain data comparability between censuses and footnotes will be added to the tables to indicate these concordances.

The Place of Enumeration Profile will be a new addition to the profile series for 2006. Previously the profile series included a Usual Residents Profile. The decision to change the basis for output of census data to Place of Usual Residence (see Chapter 4) has seen the emphasis shift to the need for a Place of Enumeration Profile. The Place of Enumeration Profile will contain a series of tables differing from the other Community Profiles in that it provides data based on where people were counted on census night rather than where they 'usually' live.

The Expanded Community Profile is the most comprehensive Community Profile in the series, comprising more detailed versions of some of the Basic Community Profile tables, plus additional tables.

The Working Population Profile will contain tables of labour force and related data on the characteristics of employed people.

The introduction of Snapshots for the 2001 census was very popular with users and they will be available again in 2006. Snapshots were developed with occasional users and the media in mind and provide readily accessible summary information for selected areas free of charge via the ABS web site. This summary information is extracted from Basic Community Profile tables and can be readily adapted for use in reports or used simply as a ready reference. Some time series information is also provided for comparison of the characteristics of selected areas over time.

DETAILED AREA DATA

Detailed Area Data is the first product aimed at experienced users more familiar with the intricacies of variables, topics and geography that form the basis of census data. The Detailed Area Data product is designed to provide users with a high degree of freedom in selecting and combining the geographical areas most suited to their needs. Accordingly, all census geographies will be available to users. Users will have the use of a basic mapping tool to allow them to identify and select geographical areas of interest. The size of the spatial units selected will dictate the level of detail available for tables across the range of topics, with more detail available for more populous geographies.

This product will also provide users with the capacity to manipulate and customise tables to better suit their needs. Users will be able to isolate and explore areas of particular interest and have the capacity to further analyse the data.

INTERNET PRODUCTS

continued

TABLE BUILDER

The ABS is investigating the possibility of providing a service whereby users will be able to generate their own census tables. Table Builder is aimed at expert users and will provide them with the capacity to design and populate their own tables of census data. User will have a high degree of freedom in designing their tables. There will, of course, be restrictions in place to protect the confidentiality of the census respondents and the integrity of the data.

Some clients of the ABS customised table service may wish to use Table Builder to generate their own tables. The ABS will provide training and support for this service.

CDATA 2006

As discussed earlier, CDATA 2006 will contain basic GIS functionality, that will enable users to select data quickly and easily for geographic areas and view the results as tables, thematic maps or graphs. It will also offer the capacity for users to create and define custom regions and export data into other software packages. CDATA users will have access to all of the tables contained in community profiles from Collection District level through to a national level across a broad range of geographical hierarchies. These tables will be interactive and allow users the capacity to tailor them to their own needs.

Unlike earlier censuses there will be no lag between the general release of data and its availability through CDATA on the ABS web site.

The ABS will continue to provide a high level of support for its products through existing arrangements such as the telephone help line and the support of user groups.

SOCIO-ECONOMIC INDEXES FOR AREAS

SEIFA provides summary measures derived from the census to measure different aspects of socioeconomic conditions by geographic area. The indexes are compiled for all standard geographic areas from Collection District to State/Territory.

It is expected that the indexes for 2006 will be prepared following the same statistical techniques as in 2001, although the variables included in each index may differ depending on the relevant socioeconomic priorities at time of development.

SEIFA 2001 proved to be very popular amongst users. There are two major improvements planned for the delivery of SEIFA 2006. The first is the delivery medium. SEIFA 2006 will be delivered via the ABS Internet site and seamlessly integrated with CDATA 2006. The second improvement relates to the delivery timetable. The delivery of SEIFA 2006 has been brought forward in the delivery timetable by six months, to March 2008.

CENSUS FOR SCHOOLS

The existing Census for Schools program has provided schools with significant support in terms of lesson plans for teachers and reduced cost GIS software packages. Despite the level of support the integration of the program into schools has been less than what was hoped for. In reviewing the program, the ABS has concluded that the CDATA style software package created too high a barrier, in terms of both cost and immediate usability, for it to be an attractive package for many schools. In order to address these

INTERNET PRODUCTS

continued

issues, the ABS will integrate its schools program with the redevelopment of its web site, and provide schools with access to data interrogation tools better suited to their needs. Schools who wish to pursue a more in-depth study of GIS will have access to more sophisticated software packages available in the marketplace.

CLIB 2006

CLIB was a popular product in 2001 and it will continue as part of the ABS suite of census products as it provides library patrons with a large volume of tabulated information to suit most research purposes. The difficulties in supplying a CD-ROM product to users with a broad spectrum of hardware and software combinations has prompted the ABS to re-examine its delivery medium (see section 4.3). For the 2006 census, CLIB will be delivered via the ABS web site and will continue to supply users with an extensive range of data at no cost.

HOUSEHOLD SAMPLE FILE

The HSF contains a one per cent sample of unidentifiable records for private dwellings and associated persons, and for persons in non-private dwellings. The release of the 2006 HSF will allow researchers to undertake detailed analyses and use them in conjunction with the Community Profiles to explore the statistical relationships of the issue under investigation.

The ABS and the Australian Vice Chancellors Committee will continue arrangements put in place in 1998 to allow academic access to the HSF for a single fixed annual fee. This access will be limited to use of the data for academic research and teaching purposes only.

The 2001 HSF was one of the initial products to be released on the Remote Access Data Laboratory (RADL). This medium allowed user to access the HSF via the Internet. The success of ABS's foray into this method of data access will see it available again for the 2006 census. The ABS has been approached by a number of users to consider increasing the sample size for the HSF from its existing one percent. The ABS methodology unit is currently considering if any increase is possible and to what level.

CD-ROM (DATA ONLY)
PRODUCTS

HOUSEHOLD SAMPLE FILE

A brief description has already been provided of the HSF and its delivery via the RADL. The HSF will also be available as a CD-ROM product.

CENSUS BASICS

Census Basics is a data-only CD-ROM product containing 2006 Census Basic Community Profile data, down to Collection District level, and digital boundaries in generic formats. This product is a practical solution for those users who have existing database or analysis systems and require only the census data.

Previously, Census Basics has been formatted for use in MapInfo products. Census Basics 2006 will be provided in more generic formats such as CSV and XML as these formats are more generally useful for a larger cross section of census data users.

CD-ROM (DATA ONLY)
PRODUCTS *continued*

Users will require additional IT programming resources to incorporate these files into existing systems. All necessary product metadata will be provided to assist programmers in this task but the nature of this task and resources required by users should not be underestimated.

GEOGRAPHIC PRODUCTS

The ABS intends to continue to license the supply of 2006 census digital boundaries to external organisations. The ABS will be encouraging as many organisations to participate to ensure users can be provided with a wide range of formats whilst ensuring continued price competition.

Collection District and Statistical Local Area maps will again be produced for the 2006 census. The Collection District maps show the requested Collection District's boundary, the code assigned to it, and a range of topographic and cadastral features. The Statistical Local Area maps show the boundary of a Statistical Local Area and the Collection District boundaries contained within, the codes assigned to them, selected topographic details, and will provide sufficient detail for most users to relate the statistical information to the area of interest. The maps will be available for purchase in electronic form using a generic display format. Hard copies of these maps will be printed on demand for an additional charge. Customised reference and thematic maps of user-specified census characteristics will continue to be provided as a customised service.

Information about the different geographies used within the census will continue to be provided in publications and electronic formats. This includes information supplied in concordance files, geographic reference files and as customised geographic data reports.

PRINTED PUBLICATIONS

With advances in technology the preferred method of dissemination of census data has become the Internet. Accordingly the need for printed publications containing solely tables of data has passed. However the ABS is still keen to maintain a printed census publication, and as such, a publication would provide basic census information that is easily accessible to many users. In previous censuses, statistics were made available in three types of publications:

- Statistical - which contained tables.
- Thematic - which presented data visually based on a particular theme.
- Analytical - where supplied significant amounts of analysis and commentary.

For the 2006 census these various formats will be combined into a single publication. The essential data for each census topic will be provided in tables with a suitable amount of commentary and analysis. Where appropriate this analysis will include thematic mapping of the data.

CUSTOMISED DATA
SERVICES

If your needs are more specialised it is probable that, as in the 2001 census, they will need to be met through customised data services. Technological improvements leading to the provision of a faster and less expensive Customised Table Service, led to an increase in demand for customised tables. This service was generally well accepted. The focus for the 2006 census cycle will be on improving the processes involved in the diagnosis and processing of client specifications for complex tabulations.

CUSTOMISED DATA
SERVICES *continued*

The Advance Ordering Service provided an opportunity for users to specify tables before the processing of the census commenced, reducing the delay between data release and access to specialised cross-classifications. The turnaround time for delivering 2001 census advance order tables was significantly improved in most cases. It is proposed to continue this service for the 2006 census.

Some users may prefer Table Builder (see above) as a means of generating their own customised tables.

STATE AND TERRITORY
OFFICE PRODUCTS

State and Territory Offices of the ABS will again produce a small number of standard products to meet local needs and to complement other products and services.

RANDOMISATION

Tables of census data are subject to random perturbation to protect the confidentiality of individuals. This is in accordance with the *Census and Statistics Act 1905* which stipulates that no results will be released in a way which would enable particular individuals or households to be identified.

The random perturbation can be a source of frustration to users, particularly those with a lesser degree of familiarity to census data, as it can result in inconsistency in the data. Given the greater range of products designed to suit users of varying familiarity with census data, every effort will be made to minimise the need for randomisation in tables reporting basic statistics at an elementary level. However as the degree of sophistication of tables increases the need for random perturbation remains and it will continue to be used in the release of data for the 2006 census.

DATA QUALITY

The Census Evaluation sub section examines the final data from the census and provides some data quality assessments for users. These are released in formats such as Census Papers on the ABS web site, and are also used within the program for the development of the next census.

The team looks into the data on a topic by topic basis, but not every data item collected in the census is covered by a Census Paper; the papers focus on new topics (e.g. Ancestry was included in the 2001 Census Papers), and on topics that are of ongoing interest to census data users (e.g. Housing, Income, Industry, Occupation), others are developed if the need is identified. Non-response Fact Sheets are also prepared and released by the sub section, listing non-response rates for all census data items by state, territory, and Australia.

For the 2006 census, a review is underway of the types of data quality measures and analyses done, and how they can be made more widely available to clients.

PRODUCT RELEASE

In accordance with the strategy outlined above, the following indicative timetable for the release of 2006 census key products and services is proposed.

Census Reference Products

Census Dictionary (April 2006)

Directory of Census Statistics

First Issue (Early 2007)

Second Issue (Mid 2008)

The Census Guide

First Issue (Late 2006)

Second Issue (Mid 2007)

Third Issue (Mid 2008)

Census Geography Products

Statistical Geography

Volume 1 - Australian Standard Geographic Classification (ASGC), Census Edition (Late 2006)

Volume 2 - Census Geographic Areas (Early 2007)

Volume 3 - ASGC Urban Centres and Localities (Late 2007)

Digital Boundaries (progressively from early 2007)

Census CD and SLA Maps (Early 2007)

Census Customised Data Service

Census Table Specification Service (Late 2006)

Customised Table delivery (From June 2007)

Census Data Products

FIRST RELEASE DATA (JUNE 2007)

The following products will be released containing only tables that require simple processing to complete. More complex tables with more complex processing requirements will be available at the time of second release.

FIRST RELEASE PRODUCTS

Internet

- QuickStats
- Community Data
- Census Topics
- Community Profiles
 - Snapshots
 - Basic Community Profile (selected tables)
 - Indigenous Profile (selected tables)
- Detailed Area Data

*Census Data Products
continued*

FIRST RELEASE PRODUCTS *continued*

- Table Builder
- CDATA 2006
- CLIB 2006
- Classification Counts

CD-ROM (Data Only) Products

- Census Basics

FIRST RELEASE VARIABLES

Person Characteristics

Age

Ancestry

Australian citizenship

Birthplace of female parent

Birthplace of individual

Birthplace of male parent

CD of usual residence census night

Child type

Family/household reference person

Full/part-time student status

Highest level of schooling completed

Income

Indigenous status

Individual income (weekly)

Language spoken at home

Proficiency in spoken English

Registered marital status

Relationship in household

Religious affiliation

Residential status in non-private dwelling

Sex

SLA/State of usual residence census night

Type of educational institution attending

Usual address indicator census night

Year of arrival in Australia

Household/Dwelling Characteristics

Count of persons temporarily absent from household

Dwelling location

Dwelling structure

Dwelling type

Household type

Housing loan repayments (monthly)

*Census Data Products
continued*

FIRST RELEASE VARIABLES *continued*

Landlord type
 Number of bedrooms in private dwellings
 Number of motor vehicles
 Rent
 Tenure type
 Type of non-private dwelling

Family Characteristics

Count of dependent children under 15 years temporarily absent
 Count of dependent students (15 – 24 years) temporarily absent
 Count of non-dependent children temporarily absent
 Count of persons temporarily absent from family
 Family number
 Family type
 Location of spouse
 Relationship between families

SECOND RELEASE DATA (LATE 2007)

Second release data will complete the release of all tables from the Basic Community and Indigenous Profiles.

SECOND RELEASE PRODUCTS

Internet

- QuickStats
- Community Data
- Census Topics
- Community Profiles
 - Snapshots
 - Basic Community Profile
 - Indigenous Profile
- Detailed Area Data
- Table Builder
- CDATE 2006
- CLIB 2006
- Census for Schools
- Classification Counts

CD-ROM (Data Only) Products

- Census Basics

SECOND RELEASE VARIABLES

Person Characteristics

Hours worked
 Industry of employment
 Industry sector

*Census Data Products
continued*

SECOND RELEASE VARIABLES *continued*

Journey to work destination zone/study area
 Labour force status/status in employment
 Method of travel to work
 Non-school qualifications: field of study
 Non-school qualifications: level of attainment
 Non-school qualifications: year completed
 Occupation
 Postal area of usual address census night
 State/SLA of usual residence one year ago
 State/SLA of usual residence five years ago

Household/Dwelling Characteristics

Household income
 Household one year mobility indicator
 Household five year mobility indicator
 Internet Access (new/modified variable)

Family Characteristics

Family income

SUPPLEMENTARY RELEASE (MID 2008)

Supplementary release will see the completion of the release of data for the standard product suite.

Internet

- Community Profiles
 - Time Series Profile
 - Place of Enumeration Profile
 - Expanded Community Profile
 - Working Population Profile
- Detailed Area Data
- Table Builder
- CDATA 2006
- CLIB 2006
- Census for Schools
- SEIFA 2006
- Household Sample File (via RADL)

CD-ROM (Data Only) Products

- Household Sample File
- Census Basics

APPENDIX

SELECTED 2001 CENSUS PRODUCTS AND SERVICES

CENSUS REFERENCE PRODUCTS

2001 Census Dictionary (cat. no. 2901.0)
How Australia Takes a Census (cat. no. 2903.0)
The Census Guide (cat. no. 2914.0.0.30.001)
Statistical Geography: Volume 1 - Australian Standard Geographical Classification (ASGC) (cat. no. 1216.0)
Statistical Geography: Volume 2 - Census Geographic Areas, Australia (cat. no. 2905.0)
Statistical Geography: Volume 3 - Australian Standard Geographical Classification (ASGC), Urban Centre/Localities (cat. no. 2909.0)
Directory of Census Statistics (cat. no. 2910.0)
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- INTERNET* **www.abs.gov.au** the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
- LIBRARY* A range of ABS publications is available from public and tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.
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- EMAIL* client.services@abs.gov.au
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User Views on 2006 Census Output Strategies

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Email:

Please amend any errors in the label (including your email address)

Please read this first

This questionnaire relates to the *Information Paper: 2006 Census of Population and Housing - ABS Views on Census Output Strategy* (ABS cat. no. 2009.0). **Please read the information paper before completing the questionnaire.** Your answers will help us plan appropriate and relevant products and services for the 2006 Census.

You can also read the Information Paper and complete the questionnaire at our web site (www.abs.gov.au) - follow the 'Census' link.

If appropriate, please pass this questionnaire to other census data users.

Completing this questionnaire is voluntary.

Please return this questionnaire (enclosed reply paid envelope) by **15 December 2004** or:

Mail

Australian Bureau of Statistics
Reply Paid 10
Belconnen ACT 2616
Attn: Census Marketing
(no postage required)

Complete it On-line

www.abs.gov.au
(follow the 'Census' link)

Facsimile

(02) 6252 8009

If you have any comments or questions please contact Ms Kris Leggo, Census Marketing Manager on (02) 6252 5124 or email marketing@abs.gov.au

Please provide your contact details, in case we need to contact you about this questionnaire. (optional)

Name

Email

Telephone Number ()

Section A - About Your Organisation

1. Which sector best describes your organisation?

Tick one only

- Government Sector - Federal
- Government Sector - State
- Government Sector - Local
- Private sector (fewer than 20 employees)
- Private sector (20 or more employees)
- Other (please specify)

2. Which industry best describes your organisation?

Tick one only

- Agriculture, Forestry and Fishing
- Mining
- Manufacturing
- Electricity, Gas and Water Supply
- Construction
- Wholesale Trade
- Retail Trade
- Accommodation, Cafes and Restaurants
- Transport and Storage
- Communication Services
- Finance and Insurance
- Property and Business Services
- Government Administration and Defence
- Education
- Health and Community Services
- Cultural and Recreational Services
- Personal and Other Services

3. Did you use any products and services from the 2001 Census?

Yes Go to **question 4** No Go to **question 5**

4. What did you use products and services from the 2001 Census for?

Go to **Section B, Question 6**

5. What are the reasons you didn't use any products and services from the 2001 Census?

Tick all that apply

- I had no need for this information
- I did not know how to obtain this information
- Cost
- Other (please specify)

Go to **Section C, Question 8**

Section B - Your Views on 2001 Census Products and Services

6. How would you rate the following aspects of 2001 Census products and services?

	Tick one for each aspect				
	<i>very poor</i>	<i>poor</i>	<i>satisfactory</i>	<i>good</i>	<i>very good</i>
Value for money of 2001 Census products and services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance to your statistical requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality and reliability of data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of support from ABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of training by ABS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall satisfaction with 2001 Census products and services	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. Which of the following 2001 Census products did you use?

	Tick all that apply
Community Profiles	
Basic	<input type="checkbox"/>
Time Series	<input type="checkbox"/>
Expanded	<input type="checkbox"/>
Working Population	<input type="checkbox"/>
Usual Residents	<input type="checkbox"/>
Indigenous	<input type="checkbox"/>
CD-ROM Products	
CDATA2001	<input type="checkbox"/>
SEIFA2001	<input type="checkbox"/>
Census Basics	<input type="checkbox"/>
CLIB 2001	<input type="checkbox"/>
Printed Publications	
Selected Social and Housing Characteristics	<input type="checkbox"/>
Selected Characteristics for Urban Centres and Localities	<input type="checkbox"/>
Selected Education and Labour Force Characteristics	<input type="checkbox"/>
Social Atlas	<input type="checkbox"/>
Other (please specify)	

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Section C - Your Comments on Strategies for 2006 Census Products and Services

8. Please provide comments on the proposals for 2006 Census products and services, which are outlined in *2006 Census of Population and Housing: ABS Views on Census Output Strategy* (refer to chapters noted below).

A future information paper will provide more information about the specific products and services to be provided from the 2006 Census.

If there is insufficient space, please attach a separate piece of paper.

- a) **Broad Internet strategy, refer to chapter 4.**

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- b) **The proposed range of 2006 Census products and services, refer to chapter 6.**

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- c) **Proposed timetable for the release of data, refer to chapter 8.**

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Section D - CDATA

The proposed strategy for the delivery of the CDATA product is detailed in Chapter 6 of the publication. A major part of that strategy is for the ABS to rely solely on licensed providers to develop, deliver and support GIS capable software products to replace the current full GIS version of CDATA. The ABS will continue to deliver a Quickbuild-style version of CDATA via the Internet.

9. Did you purchase CDATA 2001?

Yes

No

10. Would you have any concerns purchasing a CDATA-like product from an ABS licensed provider?

Tick all that apply

Level of technical support

Quality of product

Price

Functionality

Quality and availability of training

Other (please specify)

11. Do you have any other comments about the ABS' plans for CDATA 2006, referred to in chapter 6? Please specify.

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12. Are you happy for the ABS to pass on your contact details to those ABS licensed providers who plan to develop CDATA-like products?

No

Yes - please confirm contact details

email:

Name:

Position:

Organisation:

Postal Address:

.....

Phone number: Mobile number:

Section E - Census Information

13. How would you like to be informed about census products, services and releases?

Tick all that apply

Email

Newsletter (hardcopy)

Web site

Other (please specify)

Section F - Data Quality Information

For the 2006 Census, we are reviewing our data quality measures and analyses, refer to chapter 7.

14. Have you used any of the data quality information released from the 2001 Census?

Tick all that apply

Census Papers

Non-response Rates by Census Topic (Fact Sheet)

15. What measures of data quality are important to you?

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16. For which census topics do you think it is particularly important to have detailed quality information?

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Section G - General Comments

17 Have you any other comments on the proposals for 2006 Census products and services?

If there is insufficient space, please attach a separate sheet.

A large rectangular box containing multiple horizontal dotted lines for handwritten text.

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE

What Next?

Information from this questionnaire, will be used to develop more detailed proposals for 2006 Census products and services. These proposals will be outlined in the Information Paper: *2006 Census of Population and Housing - ABS Views on Census Output Products and Services* (ABS cat. no. 2011.0), due for release in July 2005. We will consult further with you regarding your views on these detailed proposals at that time.

