



# Forward Work Program

2011–12 to 2014–15





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## Preface



The Australian Bureau of Statistics (ABS) is Australia's official national statistical agency. It provides statistics on a wide range of economic, social, population and environmental matters, covering government, business, community organisations and society in general. It also has an important leadership and coordination function with respect to the statistical activities of other official bodies in Australia, and a liaison function with other countries and international organisations on statistical matters.

The ABS works with users of statistics to ensure that the statistical information it releases is relevant and timely. This assists governments and the community to make better informed decisions for Australia.

At the ABS we have continued to reassess our structure and work program against the challenges that lie ahead to ensure effective and efficient delivery of our products and services, and our continued relevance to Australian society.

Over the coming twelve months, we will be undertaking some vital collections. The 16th Census of Population and Housing will be held on 9 August 2011, marking 100 years of census taking on a national basis in Australia. Coinciding with this, is the Agricultural Census, which is also undertaken every five years. The ABS has also commenced the Australian Health Survey, the largest survey of its kind ever conducted in Australia. It will collect new information about what we eat and drink, as well as information on key health indicators such as smoking and obesity. In another first, the Australian Health Survey will ask participants to voluntarily provide biomedical samples, which will provide vital information on a variety of health risk factors including heart disease and diabetes.

Data integration also remains a priority for both the ABS and the wider National Statistical System as the demand for, and activities associated with linking social, economic and environmental datasets increase across Australian Governments.

Our current and planned activities will enable us to balance the achievement of our shorter-term goals while also laying the foundations for the organisation to play a strong, active and leading role within the National Statistical Service into the future.

This publication describes the strategic directions and forward work program the ABS will pursue over the next four years, enabling the ABS to continue to deliver statistical and associated services that contribute to a better informed Australia.

Information about the full range of ABS publications and products is provided on the ABS website <http://www.abs.gov.au>. For assistance in accessing ABS products, contact the National Information Referral Service on 1300 135 070.

### **Brian Pink**

Australian Statistician

June 2011

# General Information



## Notes to this publication

### Topics @ a Glance pages

The ABS website contains Topics @ a Glance pages that bring together all published ABS statistical information relating to a specific topic or region. These pages provide links to related ABS products and non-ABS statistical information. They may also provide information about ABS collections underpinning the statistical information, and notifications of ongoing statistical matters of interest to users.

Topics @ a Glance pages can be accessed from the ABS website <http://www.abs.gov.au>. On the home page, select from the list of Topics available in the vertical navigation bar.

### Methods and standards

The ABS produces a range of products that describe the concepts, sources and methods used to compile Australia's major economic, environmental and social statistics. These products provide background information that will assist users in analysing and interpreting the statistics, and include standard classifications used in the ABS, for example, industry, occupation, commodity, country, languages, labour force and social classifications.

Methods, classifications and standards are available from the ABS website <http://www.abs.gov.au>. On the home page, select Methods & Standards on the horizontal navigation bar.

### Resources

Resource costs presented in this publication reflect estimates for the four years 2011–12 to 2014–15. These costs present a broad indication of the resources currently allocated to each program but should not be taken as an accurate basis for estimating future allocations. Therefore, comparisons across programs and with previous ABS Forward Work Program publications can be misleading.

The 2011–12 figures are full-year projections based on the agreed budget for the year. Projections for 2012–13, 2013–14 and 2014–15 are subject to change, as priorities are reviewed, and new budgets are agreed. These costs reflect all expenditure directly attributable to programs, including salaries, internally charged computing costs and administrative costs.

In addition to the forward estimates, summary information for 2010–11 is also provided. This is provided on the direct cost basis as described above, and also in full cost terms for the statistical programs. The full cost model reflects the total cost for the delivery of the statistical programs once the costs of the infrastructure and services programs, that are essential to enable delivery of the statistical programs, are allocated to the statistical programs based on estimated utilisation of these services and other overhead costs.

Percentage figures show program costs as proportions of the total annual costs.

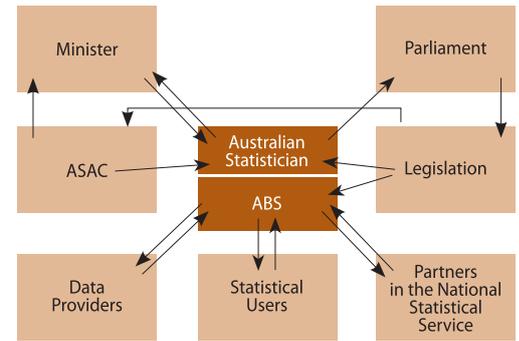
### Staff usage

Staff usage figures comprise full-time staff, and full-time equivalent figures for part-time staff. Inoperative staff are excluded. Staff usage figures are estimates for 2010–11.

# Overview of the ABS

## Introduction

The ABS is Australia's official national statistical agency. It was established as the Commonwealth Bureau of Census and Statistics, following enactment of the *Census and Statistics Act 1905*. The agency became the 'Australian Bureau of Statistics' in 1975 with the passing of the *Australian Bureau of Statistics Act 1975*. This Act also established the role of the Australian Statistician and defined the functions of the ABS.



## The Role of the ABS

The ABS provides statistics on a wide range of economic, social, population and environmental matters, covering government, business and the community. It also has a legislated role to coordinate the statistical operations of official bodies and liaise with international organisations.

## ABS Mission

We assist and encourage informed decision making, research and discussion within governments and the community, by leading a high quality, objective and responsive national statistical service.

## Census and Statistics Act 1905

- ▶ Provides the legislative authority to undertake the Census of Population and Housing and other statistical collections
- ▶ Provides the Australian Statistician with the power to direct a person to supply information
- ▶ Requires the ABS to publish the results of its collections
- ▶ Imposes strict secrecy provisions on officers of the ABS.

## Australian Bureau of Statistics Act 1975

- ▶ Established and ensures the independence of both the ABS and the Australian Statistician
- ▶ Describes the functions of the ABS
- ▶ Requires ABS to advise Parliament of proposals for new collections
- ▶ Established the Australian Statistics Advisory Council (ASAC)
- ▶ Requires ABS and ASAC to report to Parliament each year.

## ABS Functions

- ▶ To constitute the central statistical authority for the Australian Government and by arrangements with the Governments of the States and Territories provide statistical services for those Governments
- ▶ To collect, compile, analyse and disseminate statistics and related information on a wide range of economic and social matters
- ▶ To formulate, and ensure compliance with, statistical standards
- ▶ To ensure coordination of the statistical operations of official bodies
- ▶ To provide advice and assistance to official bodies in relation to statistics
- ▶ To liaise with statistical agencies of other countries and international organisations.

## Australian Statistics Advisory Council (ASAC)

Advises the Minister and the Australian Statistician on:

- ▶ the improvement, extension and coordination of statistical services provided for public purposes in Australia
- ▶ annual and longer-term priorities and programs of work that should be undertaken by the ABS
- ▶ any other matters relating to those statistical services.

## Corporate Governance – Key Fora

- ▶ Australian Statistics Advisory Council
- ▶ ABS Management Meetings
- ▶ Executive Leadership Group Meetings
- ▶ Senior Management Group Meetings
- ▶ Protective Security Management Committee
- ▶ Audit Committee
- ▶ Capital Strategy Committee.

# ABS strategic management

## Corporate Plan

The ABS Corporate Plan is a key part of the strategic planning process. The plan describes our working environment and outlines our mission and values. It describes the objectives the ABS will pursue to fulfil its mission over the next three to five years and the strategies we will adopt. It sets out the directions we want the ABS to take to meet our future challenges.

The statement of mission, values, objectives and related strategies in the corporate plan provides the higher level framework within which the rolling ABS forward work program has been developed, and future work programs will be developed. It provides the broad context for ensuring we use our resources effectively and efficiently.

The key components of the ABS Corporate Plan are outlined below. These provide a useful reference to operational objectives and strategies of ABS programs set out on the following pages.

The ABS will refresh the Corporate Plan in late 2011. A Steering Committee, led by a Deputy Australian Statistician with First Assistant Statistician and Assistant Statistician representation, will oversee the process. A Working Group led by the Queensland Regional Director will undertake staff consultation to produce the new version.

## Mission

We assist and encourage informed decision making, research and discussion within governments and the community, by leading a high quality, objective and responsive national statistical service.

## Values

The ABS and its staff uphold the APS Values and Code of Conduct. ABS values, which are congruent with the APS values, are material to our role as an independent provider of statistical information for Australia. Our values are:

- ▶ integrity
- ▶ service
- ▶ professionalism
- ▶ relevance
- ▶ trust of providers
- ▶ access for all.

The ABS values encompass what we believe, and shape how we behave. The ABS values its staff and has obligations to them; staff in turn have obligations to the ABS.

## Objectives

To achieve the ABS mission, the ABS objectives are:

- ▶ an expanded and improved National Statistical Service
- ▶ ABS services that are timely, relevant, responsive, and respected for their integrity and quality
- ▶ informed and increased use of statistics
- ▶ a key contributor to international statistical activities that are important to Australia or our region
- ▶ an organisation that builds capability to continually improve its effectiveness
- ▶ the trust and cooperation of our providers
- ▶ ABS is a respected and strongly supported organisation.

## How the ABS work program is determined

The Australian Statistician is responsible for determining the ABS work program. The work program must align with the ABS's mission, its legislative mandate and its values. The ABS seeks to provide a reasonable level of service across all its legislated functions.

### How the ABS balances its work program

The ABS does not have the resources to undertake all of the activities that fall within its mandate and which users would ideally require.

In balancing the ABS's program of collection and other activities, the Statistician seeks to ensure that ABS's resources are used to the maximum benefit of governments and the broader community. In assessing this, the ABS takes account of the value of the information being sought, the extent to which the ABS undertaking the activity is consistent with its legislated mandate and with community expectations, and the costs that the activity would impose upon the ABS and the broader community.

In assessing the value of the information, the ABS takes account of:

- ▶ the importance of the issue from a public policy and/or community interest perspective
- ▶ the views of Australian, State and Territory government agencies
- ▶ the depth and breadth of user interest in the wider community
- ▶ the opinions of recognised experts in the field
- ▶ the extent to which the information would impact on decision making (as judged from history or from understanding the decision making processes), and any international reporting obligations.

In assessing the extent to whether the ABS undertaking the proposed activity would be consistent with its legislative mandate and community expectations, the ABS takes account of:

- ▶ any specific legislative obligations on the ABS to undertake the activity
- ▶ the statistical measurability of the issue, including the ability to provide information that is 'fit for purpose'
- ▶ the extent to which other available sources of information, both other ABS and non-ABS, could be used to inform decision making
- ▶ the extent to which the ABS's independent voice of authority and the ABS power to collect information is required
- ▶ in determining the timing and frequency of the activity, the decision making time-frames and the expected rate of change in the information sought, and
- ▶ the level of community support to provide the required information.

In assessing the cost of the activity, the ABS takes account of:

- ▶ the full cost to the ABS of undertaking the collection activity
- ▶ the capacity and capability of the ABS to undertake the collection activity
- ▶ the workload and other costs imposed on providers, and
- ▶ the sensitivity of the information and the ABS's requirement to maintain the trust of providers.

## How the ABS understands client needs

The ABS determines future priorities by consulting and planning with users of statistics. These consultations are a key input to decisions on the scope, content and frequency of statistical collections.

Consultation takes place through the ABS organised statistics user groups; direct discussion with Australian, State, Territory and local government agencies, academics, industry bodies, non-government and community organisations etc.; and the release of information or discussion papers inviting comment.

Consultations cover both the need for data on new or emerging topics, and the need for changes to existing data collections including discontinuing some series. Contact with consulted groups continues throughout the statistical cycle to keep them informed on progress and as a check that developments towards statistical outputs remain on track to meet survey objectives.

The overall shape of the proposed work program and estimates of resources required to deliver it are considered by the Australian Statistics Advisory Council (ASAC).

A list of user groups is provided in the appendix.

## User-funded activities

The ABS work program can be extended by way of user-funded activities. The ABS undertakes user-funded work where:

- ▶ the work is consistent with the ABS's mission, legislative mandate and values
- ▶ the work itself, or the related funding arrangements, does not 'crowd out', compromise public support for, or otherwise put at risk the core work program
- ▶ there is demonstrable value in the activity, the ABS undertaking the activity would make a difference, and the burden imposed on providers is acceptable
- ▶ the ABS has the capability and capacity to undertake the work, and
- ▶ the work is fully cost recovered.

The ABS has full control over all aspects of the work, including ownership of statistics created from it.

# How the ABS operates

## Introduction

The ABS produces and disseminates statistics under the following broad programs:

- ▶ Macroeconomics and Integration Statistics
- ▶ Population, Labour, Industry and Environment Statistics
- ▶ Social Statistics.

These areas of statistics involve extensive data collection through censuses and surveys and from administrative data sources.

The statistical programs are supported by service areas, which deliver assistance and advice on statistical methods, data and metadata arrangements, information technology, client management, dissemination, human resources and other corporate services.

The ABS has a central office in Canberra and regional offices located in the eight State and Territory capitals. Regional offices are responsible for the delivery of statistical services to their State or Territory. Additionally all regional offices, apart from the ACT office, have some responsibilities for national operations for particular statistical activities.

## The statistical collection process

While business and household survey programs are generally run separately, they are characterised by common statistical principles and many similar procedures. The statistical process involves a range of statistical operations, from developing specifications for statistics based on user information needs through to the delivery of data and support to clients.

The diagram below presents a typical survey cycle. It distinguishes between a core set of tasks and activities which form the three broad stages of the statistical collection process, and two overarching functions which ensure that ABS products, processes and services are of high quality and contribute to achieving corporate objectives and delivering on the ABS mission.



## Functional areas undertaking statistical operations

Once statistical priorities have been set, through consultation and planning with statistics users, the ABS sets up arrangements for data collection, processing and analysis. Data collection activities include survey dispatch, data receipt and follow-up of non-response. Data may be collected directly from providers through surveys or censuses, or indirectly by accessing data collected by other organisations, particularly Australian, State and Territory administrative agencies. The processing stages of the cycle cover data entry; checking individual records for completeness, consistency and accuracy; producing aggregate survey results; checking consistency and validity of aggregated data and preparing data for public release.

The final stage of the statistical cycle covers data communication and support for decision making. A key objective for the ABS is to maximise the informed use of ABS and non-ABS statistics by increasing the visibility of, and access to, statistics, optimising the mix of dissemination channels, and improving the efficiency and effectiveness of information service delivery. To achieve this, a range of products and delivery options have been developed, with a focus on meeting the needs of ABS clients. Several areas support these activities, including market research, website publishing and development, a telephone enquiry service, delivery of customised products and working with various sectors to improve statistical literacy.

The statistical operations of each stage of the cycle are undertaken by a range of specialist areas. Other specialist areas have responsibility for achieving the broader objectives of managing quality and processes, and delivering statistical leadership. The key organisational areas and functions that are involved in the statistical collection and dissemination processes are described below.

**National Statistics Centres (NSCs)** provide statistical leadership, internally and externally, for each field of statistics. NSC responsibilities include: establishing and maintaining close links with key external clients and ensuring the ABS understands and satisfies their needs for data; providing leadership in the development of statistics within and outside the ABS; maintaining knowledge of current and emerging policy issues and debates, and assessing potential statistical impacts; understanding and awareness of important national and international statistics relating to these issues; and complex analytical work, which often draws on multiple information sources. NSCs also participate in the development of survey proposals and survey outputs, including dissemination strategies.

**Business Statistics Centres** (BSCs) are responsible for data collected from businesses. The BSCs are responsible for the specification of output requirements to meet user needs and for determining appropriate collection methodologies for their specific subject matter. BSCs undertake more complex editing functions, analysis and preparation of survey-specific commentary and articles. They are the main contact point for data users, to help users interpret survey results for regular releases of ABS statistics in their field. Other responsibilities of BSCs include: data quality assurance, including the specification of data quality requirements to the Integrated Collection Branch (see below); and the consistent application of existing or new statistical frameworks, classifications, standards and concepts.

For household surveys, **Household Survey Centres** (HSCs) manage the survey process. HSCs manage consultation with relevant statistics users, develop survey objectives, prepare survey proposals and develop survey content. To support their data collection activities, HSCs develop and maintain survey-specific classifications and coding systems. In association with Methodology and Data Management Division, they ensure appropriate sample design and collection methodologies are developed. HSCs are responsible for quality assurance of all aspects of the survey. They develop dissemination strategies, manage the delivery of the initial publications and other outputs from each collection, and coordinate evaluation of the survey process.

The **Integration Collection Branch** (ICB) supports the ABS corporate objectives by providing high quality, timely and cost effective collection and data acquisition services while maintaining the trust and cooperation of providers. To achieve this, the Branch provides leadership in development and delivery of data collection strategies and services across business, household and administrative data collections. ICB plays a pivotal role in the end to end process of survey development and data capture, including questionnaire development and testing; questionnaire despatch; quality checks; face-to-face and telephone interviewing; non-response follow-up; provider management and query/complaints resolution; and data receipt and uploading to a range of internal processing systems. For household surveys, ICB is also responsible for sample generation and maintenance, and interviewer management including recruitment, training and development. In addition, ICB has an ongoing research and development program aimed at identifying and progressing initiatives for providing multi-modal, flexible data acquisition solutions.

The Customer Services Branch (CSB) supports the corporate mission to assist and encourage informed decision making, by providing high quality dissemination and communication services to clients. These services include: the publication of over 700 statistical releases per year; the National Information and Referral Service for basic telephone, email and facsimile enquiries; a Really Simple Syndication news feed allowing subscribers to access ABS statistical headlines from their desktop; customised information consultancy services; and self-help analysis using Confidentialised Unit Record Files for approved users.

### Supporting statistical operations

Several programs within the ABS provide the infrastructure necessary for undertaking data collection and producing official statistics. This infrastructure comprises the concepts, classifications, standards, survey methodology and information technology systems, which support the statistical process.

**Methodology and Data Management Division** (MDMD) has specific responsibilities for supporting the statistical collection process. MDMD provides advice on survey design, data collection methodology, analysis of outputs and data quality management through all stages of the survey cycle. The Division ensures ABS surveys are based on sound statistical principles and practices and that the statistics produced best meet survey design objectives, while maintaining data confidentiality. MDMD undertakes research on statistical methods to improve the efficiency and accuracy of ABS work, and provides leadership and support in the development, review and application of statistical classifications. The **Data Management** and Classifications Program is responsible for promoting the comparability, integration and quality of ABS statistics, through the use of standard concepts, definitions, classifications and procedures. It is also responsible for the infrastructure used to hold key definitional metadata and to store statistical data from which ABS outputs are sourced.

Within MDMD, the **National Statistical Service Leadership Branch** undertakes a range of statistical leadership activities aimed at increasing the understanding and use of statistics by government, research organisations and the wider community.

The **Corporate Services Division** (CSD) is responsible for recruitment, development and retention of the workforce needed to deliver the ABS work program; for the provision of leadership in driving cultural change; and for ensuring staff have a healthy, safe and functional working environment. The functions and responsibilities of the Chief Financial Officer are also included in CSD operations.

**Technology Services Division** (TSD) provides ABS staff with effective, reliable, and secure information technology infrastructure, knowledge and library services. TSD works in partnership with areas of the ABS to deliver Statistical and Business Solutions that support efficient ABS statistical processes and timely release of ABS statistical outputs.

The **Office of the Statistician** (OOTS) is responsible for key corporate functions that support the Australian Statistician's administrative, statistical and strategic roles. The Office manages: relationships with key external stakeholders including the Minister, the Australian Statistics Advisory Council (ASAC) and the media; corporate communications including graphic design; corporate governance activities including compliance with legislation under which the ABS operates; ABS's international activities; organisational performance monitoring and risk management; and strategic and work program planning and budget allocation.

# Governance and legislation

## Corporate governance

ABS corporate governance arrangements ensure transparency in decision making, operation and accountability by promoting strong leadership, sound management and effective planning and review processes.

The Office of the Statistician has an important role as a focal point for ABS corporate governance. It supports the effective operation of governance forums, ensures that the ABS operates within the scope of its authority and legislative basis, and manages ABS audit, review and risk management activities.

Some of the key ABS corporate governance mechanisms are described below:

- ▶ a planning cycle to ensure that the ABS work program reflects current and emerging statistical priorities of users, and is consistent with the ABS mission and overall strategic directions
- ▶ senior management committees involved in developing policies and strategies, identifying priorities and monitoring the ABS's performance
- ▶ advisory bodies and user groups, which enable the ABS to consult widely with the user community about the ABS work program
- ▶ a risk management framework to assist in identifying and managing risks at organisational, operational and project level
- ▶ an audit and review program covering different facets of ABS operations, overseen by the Audit Committee
- ▶ instructions and manuals to ensure staff have access to ABS policies and practices.

## Four year planning and budgeting cycle

The four year planning and budgeting cycle clearly sets out the work program and total resources (including finances and staff) required to deliver the approved work program. This ensures a budget and planning process that is more rigorous and forward looking in a way that brings about genuine alignment between work program and the available budget. The ABS is working towards an integrated framework for business and planning which cascades from strategic priorities to divisional priorities and activities.

## Capital Strategy Committee (CSC)

The Capital Strategy Committee contributes to ABS planning and budgeting processes, by ensuring ABS capital expenditure and funding are aligned with longer-term strategic directions. The CSC is responsible for working with the Chief Financial Officer in developing and executing an ABS capital plan that is aligned with strategic directions and approved by the ABS Management Meeting. The CSC aim to ensure the ABS has robust internal mechanisms for planning and managing capital assets and technology applications funding. The meetings are chaired by the ABS Chief Operating Officer and attended by the First Assistant Statisticians, two Regional Directors (on a rotating basis), Chief Financial Officer, and the Assistant Statistician of the Office of the Statistician with other attendees as required for particular items. The CSC meet three times a year, and more frequently if required, at appropriate times in the budget cycle.

## Senior management committees

An important feature of ABS corporate governance is the role played by senior management committees, which are active in developing policies and strategies, identifying ABS priorities, assessing and responding to risks and opportunities, and monitoring ABS performance.

The major senior management committees are as follows:

### ▶ **ABS Management Meetings**

The Management Meetings play a major role in determining ABS strategic directions, priorities and resource allocations. These meetings are chaired by the Australian Statistician and attended by the Deputy Australian Statisticians and First Assistant Statisticians, the Regional Directors, Chief Financial Officer, the Assistant Statistician of the Office of the Statistician and the Assistant Statistician of the Human Resources Branch. The Management meeting is held twice a year, and supports the development of ABS strategic directions, considers planning and budgeting issues, and discusses issues of corporate importance.

### ▶ **Executive Leadership Group Meetings (ELG)**

The Executive Leadership Group meetings are held fortnightly and provide strategic oversight of the ABS and determine ABS policy. It ensures that proper attention is given to strategic issues that affect the future of the organisation, including giving high-level focus to the National Statistical Service and strategic client engagement. The ELG Meetings are chaired by the Australian Statistician and attended by the Deputy Australian Statisticians and the Assistant Statistician of the Office of the Statistician.

### ► **Senior Management Group Meetings (SMG)**

Senior Management Group meetings are held weekly to provide tactical management oversight of the ABS's operations and to advise the ELG on strategic and policy issues. It ensures the ABS is a well-run organisation with well formulated work programs that are reviewed appropriately and with proper consideration of cross-cutting issues. It will also address other issues including, information resource management, publishing and dissemination, human resources and accountability issues. SMG meetings are chaired by the ABS Chief Operating Officer and attended by the First Assistant Statisticians, two Regional Directors (on a rotating basis), Chief Financial Officer, the Assistant Statistician of the Office of the Statistician, and the Assistant Statistician of the Human Resources Branch with other attendees as required for particular items. Approximately four times a year the ELG and the SMG meet jointly to discuss strategic and policy issues and to review a set of Key Performance Indicators that have been defined to measure the main areas of organisational performance.

### ► **Protective Security Management Committee**

The ABS maintains a comprehensive security framework, overseen by a Protective Security Management Committee chaired by a Deputy Australian Statistician. This security framework ensures that both physical and computer security are maintained. The committee is a key means of ensuring that the ABS meets its legal requirement not to divulge identifiable information and to make sure that there is policy to meet the security and privacy related requirements of legislation including the *Financial Management and Accountability Act 1997*, *Census and Statistics Act 1905*, *Australian Bureau of Statistics Act 1975*, *Privacy Act 1988* and *Crimes Act 1914*.

## **Audit, review and risk management**

### **Risk Management Framework**

The ABS has a robust Risk Management Framework, which provides the basis for identifying, assessing and mitigating risks at all levels within the organisation. The framework is set out in the ABS's Risk Management Strategy. The strategy and framework undergo continuous review, based on feedback from many sources including internal audits, external risk reviews, better practice guides, and the outcomes of the annual Comcover Risk Management Benchmarking exercise.

There has been a strong focus on the integration of risk identification and prioritisation within the ABS business planning cycle. In developing business plans, managers at all levels are expected to identify key risks to their work programs. Significant risks identified at section level are elevated or integrated into business plans at the Branch and Division level to provide a more comprehensive and consistent picture of the ABS risk profile.

On an annual basis, the ABS reviews and identifies strategic risks that have the potential to significantly impact on the organisation. These are known as enterprise risks. The key benefit of this annual review is the strengthening of risk identification and analysis through a coordinated examination of organisational threats. For each of the enterprise risks, members of the ABS Executive have been designated as Risk Owners, treatment strategies have been determined, and the Risk Owners have been allocated responsibility for monitoring their implementation. This approach provides clear ownership of risk mitigation responsibilities and the opportunity for the Executive to review the success of risk mitigation.

The ABS conducts operational risk workshops to assist program managers to identify and manage risks that have the potential to impact upon program objectives.

The ABS runs an annual Internal Review Program as a complement to the ABS Internal Audit Program. Internal reviews primarily focus on statistical programs to address issues including program effectiveness, efficiency and statistical quality.

During 2010–11, the ABS implemented a new process for developing the Internal Audit Program. An Audit Universe was developed that includes a comprehensive list of auditable areas throughout the ABS. All key business processes, systems and activities were included. The Audit Universe enabled a prioritised list of audits to be compiled using a risk based approach, in preparation for the 2011–12 Internal Audit Program. This risk assessment approach will be coordinated on an annual basis.

Utilising the audit universe and other risk identification processes, the ABS develops its annual program of internal audits is developed to address performance and compliance risks. These internal audits are undertaken by an external audit provider.

### **Audit Committee**

The Australian Statistician established the ABS Audit Committee in accordance with section 46 of the *Financial Management and Accountability Act 1997*.

The Audit Committee provides assurance to the Australian Statistician that the ABS has in place a comprehensive and effective framework for all its business systems. The Committee also examines the operation and management of ABS systems and the procedures for generating externally published information to ensure the ABS complies with all legislative and other obligations.

The Audit Committee is chaired by a Deputy Australian Statistician and comprises of four internal ABS staff and two external members. Appointment is based on personal attributes, experience and skills, and ability to demonstrate independence on matters before the Committee.

The ABS Audit Committee meets four times a year.

### **Authority and legislation**

The principal legislation determining the functions and responsibilities of the ABS is contained in the *Australian Bureau of Statistics Act 1975* (ABS Act) and the *Census and Statistics Act 1905* (C&S Act).

The functions of the ABS are defined in section 6 of the ABS Act as follows:

- (a) to constitute the central statistical authority for the Australian government and, by arrangements with the governments of the states, provide statistical services for those governments
- (b) to collect, compile, analyse and disseminate statistics and related information
- (c) to ensure coordination of the operations of official bodies in the collection, compilation and dissemination of statistics and related information, with particular regard to:
  - (i) the avoidance of duplication in the collection by official bodies of information for statistical purposes
  - (ii) the attainment of compatibility between, and the integration of, statistics compiled by official bodies, and
  - (iii) the maximum possible utilization, for statistical purposes, of information, and means of collection of information, available to official bodies
- (d) to formulate, and ensure compliance with, standards for the carrying out by official bodies of operations for statistical purposes
- (e) to provide advice and assistance to official bodies in relation to statistics, and
- (f) to provide liaison between Australia, on the one hand, and other countries and international organisations, on the other hand, in relation to statistical matters.

The ABS Act also established the Australian Statistics Advisory Council (ASAC). The functions of ASAC are to advise the Minister and the Australian Statistician in relation to:

- (a) the improvement, extension and coordination of statistical services provided for public purposes in Australia
- (b) annual and longer-term priorities and programs of work that should be adopted in relation to major aspects of the provision of those statistical services, and
- (c) any other matters relating generally to those statistical services.

All State and Territory Governments are represented on ASAC. The other Council members are chosen to represent a broad cross-section of perspectives, covering government, business, academic and community interests.

The C&S Act provides the Statistician with the authority to conduct statistical collections and, when necessary, to direct a person to provide statistical information. The Act imposes on the ABS obligations to publish and disseminate compilations and analyses of statistical information, and to maintain the confidentiality of information collected under the Act.

The ABS Act requires that the Statistician prepares, for presentation to Parliament, an annual report on the operations of the Bureau. The ABS Act also requires that ASAC prepares, and submits to the Minister for presentation to Parliament, a report relating to the matters connected with the operation of the Act.

Under the *Statistics (Arrangements with States) Act 1956*, Commonwealth and State statistical services have been integrated since 1958 (since 1924 for Tasmania). Although not covered by legislation, similar arrangements apply in both territories. There is regular consultation with State and Territory Governments on statistical priorities.

## Products and services

### Statistical releases

ABS releases comprise monthly, quarterly, annual, biennial and less frequent as well as irregular publications and products. In each year, there are over 700 statistical releases. The full range of publications and products are available through the ABS website and a small number of publications are available in paper format.

### Electronic products and data services

The ABS's principal means of releasing statistical information is through the ABS website. The ABS's electronic services include:

- ▶ the ABS website ([www.abs.gov.au](http://www.abs.gov.au)), which provides free access to the full range of electronic publications and ABS statistics, as well as news, media releases, directories, technical material and information about the ABS
- ▶ Confidentialised Unit Record Files (CURFs), which are compiled from ABS surveys and released on CD-ROM for analysis by researchers
- ▶ the Remote Access Data Laboratory (RADL), which provides access to more detailed data than can be made available on CD-ROM for analysis of ABS data by researchers, while ensuring the confidentiality of individual survey respondents
- ▶ international trade services, which provide detailed, customised trade data on both an ad hoc and regular subscription basis
- ▶ database products, which provide large volumes of detailed statistical data such as Census data packs and Census Table Builder (similar products will also be released for the 2011 Census of Population and Housing)
- ▶ a free email notification service providing details of, and access to, ABS daily releases in subject areas nominated by clients
- ▶ a Really Simple Syndication (RSS) news feed allowing subscribers to access ABS statistical headlines from their desktop.

### Statistical Literacy Program

The ABS Statistical Literacy Program provides leadership and coordination for the development and delivery of activities and strategies for improving the statistical literacy outcomes of Australians. The program develops initiatives and uses innovative approaches to build awareness about the range of statistics available; promote recognition of the importance and relevance of statistics for informed decision making; and develop the statistical skills and knowledge of key target groups within the community.

The program focuses on building statistical literacy amongst five key target groups, including: school students; tertiary students (including university students, and teachers/lecturers); opinion leaders (including journalists); decision makers (including Members of Parliaments and staff from agencies in all levels of government); and the general community (including small business owners and community groups). Specific strategies are also developed for advancing the statistical literacy of Indigenous Australians across the five target groups.

The Statistical Literacy Program develops and implements activities and strategies to assist these groups to access, understand, analyse and communicate statistical information based on the content and context of their statistical literacy needs. The development of these skills is vital for understanding the complex social, economic and environmental dimensions of an issue and transforming statistics into usable information for informed decisions.

### User-funded surveys

The ABS conducts user-funded surveys that are consistent with its role as a national statistical agency. User-funding enables the ABS to extend the national statistical service, in line with the functions stipulated in the *Australian Bureau of Statistics Act 1975*, to meet important needs of users and to improve the quality and comparability of statistical data used by other organisations. User funded statistical services are therefore an important element in providing a responsive statistical service. Survey results are publicly disseminated, not just made available to the client providing the funding.

### National Information and Referral Service

The National Information and Referral Service (NIRS) is the main professional entry point to the ABS for basic telephone, email, and facsimile enquiries from clients. NIRS also provide a referral service to clients, referring inquiries that cannot be met by NIRS or self-help facilities to other parts of the ABS for servicing. Contact details for NIRS are listed on page 17.

### **Information Consultancy Services**

More detailed statistics than those initially released on the website are available on request. Requests for additional statistical data or analysis/enhanced data presentation are met through the Information Consultancy Service which is provided on a cost recovery basis.

The Statistical Consultancy Service provides assistance to government departments and statutory authorities in areas such as survey design, questionnaire design, sampling techniques and data analysis.

### **Training services**

The ABS provides training services on a cost recovery basis on a broad range of topics, including the ABS website, key statistical concepts and processes with programs targeted at developing the statistical skills of people using statistics, or working, managing or conducting surveys. The ABS can also provide customised statistical training programs on request.

### **Outposted officers**

ABS employees are outposted to other government agencies to support strategic engagement between the ABS and those agencies. Outpostings also occur on a project basis to provide advice on statistical issues.

## Dissemination and printing policy

### Policy and principles

The Australian Government Cost Recovery Guidelines stipulate that a basic set of information products and services, funded by the taxpayer, should be provided to the community free of charge as 'public goods' and other information, products and services beyond the basic information set should be cost recovered. Consistent with this policy, the ABS dissemination principles ensure that:

- ▶ all users, including the general community, have free and easy access to a basic set of official statistics
- ▶ where it is cost effective to do so, the costs of producing and providing information products and services that are additional to the basic set of official statistics are recovered from the users of these additional products.

### Objectives

The objectives of the ABS charging policy are to:

- ▶ reduce the need for the general taxpayer to bear those elements of the cost of the statistical service which have a specific and identifiable value to particular users
- ▶ rationalise use of ABS products and services
- ▶ enable the demand for ABS products and services to be used as an indicator of how ABS resources should be used.

### Community service obligation

The ABS fulfils the community service obligation for statistics by:

- ▶ including all published ABS information in the basic set, which is available for access on the ABS website, free of charge
- ▶ providing a self-service for generating statistical tables from the 2006 Census of Population and Housing
- ▶ providing a range of self-service statistical literacy resources via the ABS website, free of charge
- ▶ offering a National Information and Referral Service.

### Approaches to cost recovery

Products in the basic set may be provided in alternative formats on request by the user. Pricing is based on the marginal costs incurred in producing them in these formats, for example, the costs to the ABS to print and despatch a hard copy of materials to users, or access to Confidential Unit Record Files (CURFs).

For products beyond the basic set, such as customised extraction of data, pricing is based on incremental (or avoidable) costs. The ABS may also price a limited range of products on a commercial basis. This occurs where such products and services compete, or may compete, with similar products provided by others.

Most of the ABS's free, subscription and customised data outputs (except CURFs) are covered by Creative Commons licensing. This licence empowers users to use or re-purpose ABS data without seeking ABS permission, provided that ABS is attributed as the source for that information.

## Contacts

### For information about the Forward Work Program

Richard Burgess  
Director, Parliamentary Liaison, Audit and Risk Management  
Locked Bag 10  
Belconnen ACT 2616  
Telephone: 02 6252 7197  
Email: richard.burgess@abs.gov.au

### For information about the Australian Statistics Advisory Council (ASAC)

Denise Carlton  
Secretariat, ASAC  
Locked Bag 10  
Belconnen ACT 2616  
Telephone 02 6252 5533  
Email: denise.carlton@abs.gov.au  
For access to the ABS website <http://www.abs.gov.au>

### For statistical information

National Information and Referral Service  
Telephone: 1300 135 070  
Facsimile: 1300 135 211  
Email: client.services@abs.gov.au  
Mail: Client Services,  
ABS GPO Box 796  
Sydney NSW 2001

### For general information

Central Office, Canberra  
Telephone: 02 6252 5000  
Facsimile: 02 6252 5566  
Mail: Locked Bag 10  
Belconnen ACT 2616  
Counter: ABS House  
45 Benjamin Way, Belconnen

### New South Wales Office

Telephone: 02 9268 4111  
Facsimile: 02 9268 4138  
Mail: GPO Box 796  
Sydney NSW 2001  
Counter: 5th Floor, St Andrew's House  
Sydney Square, Sydney

### Victorian Office

Telephone: 03 9615 7000  
Facsimile: 03 9615 7926  
Mail: GPO Box 2796Y  
Melbourne Vic. 3001  
Counter: South Tower,  
485 LaTrobe Street, Melbourne

### Queensland Office

Telephone: 07 3222 6022  
Facsimile: 07 3222 6250  
Mail: GPO Box 9817  
Brisbane Qld 4001  
Counter: 639 Wickham Street,  
Fortitude Valley, Brisbane

### South Australian Office

Telephone: 08 8237 7555  
Facsimile: 08 8237 7366  
Mail: GPO Box 2272  
Adelaide SA 5001  
Counter: 9th Floor, ANZ House  
11 Waymouth Street, Adelaide

### Western Australian Office

Telephone: 08 9360 5323  
Facsimile: 08 9360 5950  
Mail: GPO Box K881  
Perth WA 6842  
Counter: Level 15, Exchange Plaza  
2 Sherwood Court, Perth

### Tasmanian Office

Telephone: 03 6222 5999  
Facsimile: 03 6222 5824  
Mail: GPO Box 66  
Hobart Tas. 7001  
Counter: Ground Floor  
200 Collins Street, Hobart

### Northern Territory Office

Telephone: 08 8943 2100  
Facsimile: 08 8943 2138  
Mail: GPO Box 3796  
Darwin NT 0801  
Counter: 3rd Floor, Civitas Building  
22 Harry Chan Avenue, Darwin

### Australian Capital Territory Office

Telephone: 02 6252 8900  
Facsimile: 02 6252 5112  
Mail: Locked Bag 10  
Belconnen ACT 2616  
Counter: ABS House  
45 Benjamin Way, Belconnen

## Top structure

### Australian Statistician



Brian Pink

### Deputy Australian Statisticians



Ian Ewing  
Macroeconomics  
and Integration



Denis Farrell  
Chief Operating Officer



Trevor Sutton  
Social Statistics



Peter Harper  
Population, Labour,  
Industry and Environment  
Statistics

### First Assistant Statisticians



Michael Davies  
Macroeconomics  
and Integration



Jill Charker  
Population, Labour,  
Industry and Environment  
Statistics



Garth Bode  
Social Statistics



Siu-Ming Tam  
Integrated Collection  
and Dissemination  
Services



Frank Yu  
Methodology and Data  
Management Division



Jenine Borowik  
Technology Services

### Regional Directors



Mike McGrath  
South Australia



Gillian Nicoll  
Western Australia



Jacky Hodges  
Tasmania



Paul Williams  
New South Wales



Stephen Collett  
Australian Capital  
Territory



Lane Masterton  
Victoria



Tom Joseph  
Northern Territory



Andrea Lanyon  
Queensland

**Assistant  
Statisticians**



Bruce Hockman  
National Accounts



Bernard Williams  
International Accounts  
and Financial Statistics



Judy Henson  
Prices



Bill Allen  
Economic Analysis  
and Reporting



Paul Lowe  
Population Census



Adrian Bugg  
Industry and  
Environment Statistics



Paul Mahoney  
Labour and  
Demography Statistics



Bob McColl  
Social Conditions  
Statistics



Justine Boland  
Indigenous, Education  
and Cultural Statistics  
Branch



Paul Jelfs  
Health Information  
Branch



Gemma Van Halderen  
Social Data Integration  
and Analysis



Marilyn Henden  
Integrated Collection



Merry Branson  
Customer Services



Shiji Zhao  
Analytical Services



Jeanette Cotterill  
National Statistical  
Service Leadership



Paul Schubert  
Statistical Services  
Branch



Michael Beahan  
Data Management and  
Classifications



Chris Duffy  
Technology Strategy  
and Planning



Rochelle Thorne  
Technology  
Applications



Duncan Young  
Technology Infrastructure  
Financial Statistics



Denise Carlton  
Office of the Statistician



Chris Libreri  
Human Resources



Michael Belcher  
Financial Management

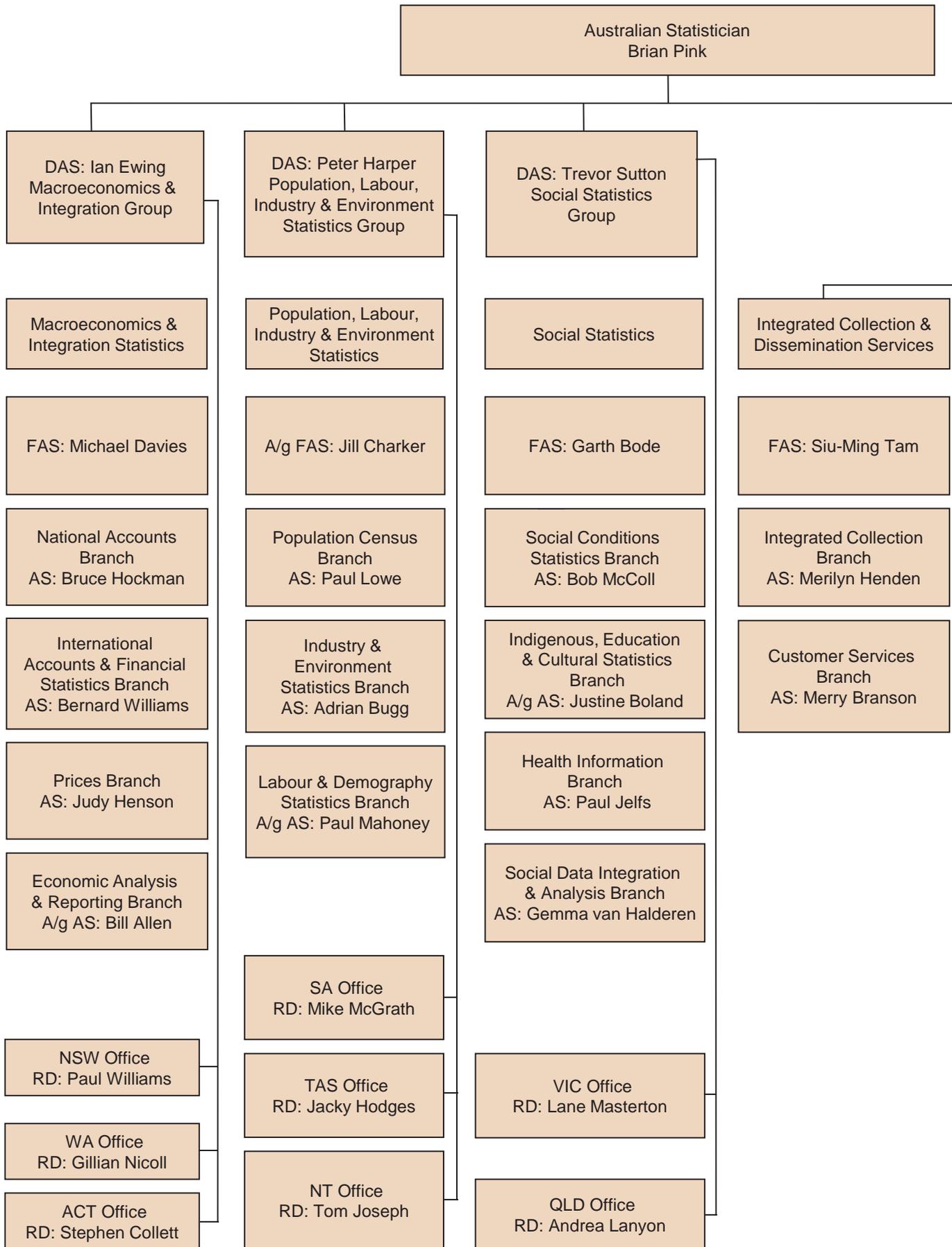


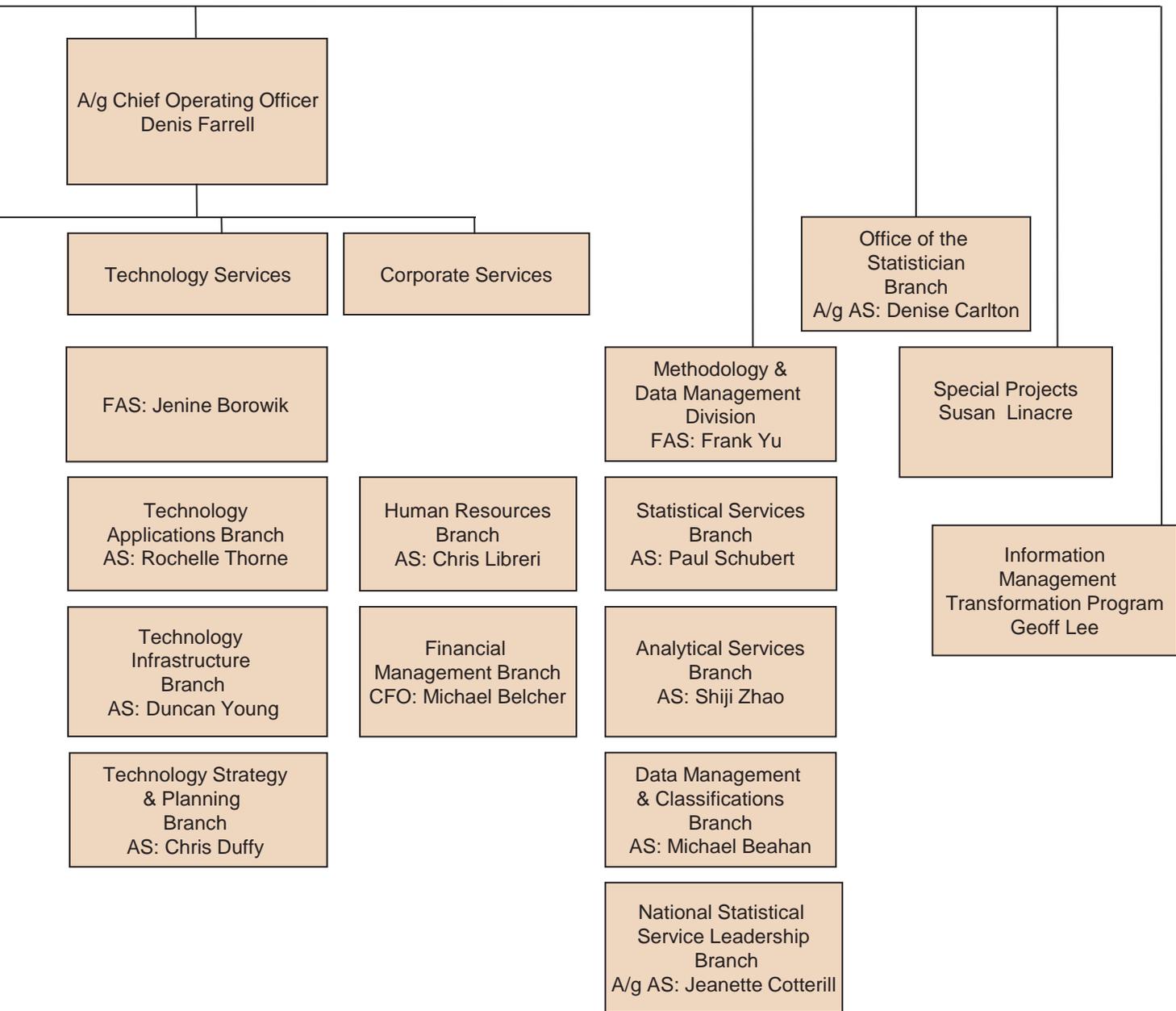
Susan Linacre  
Special Projects



Geoff Lee  
Information Management  
Transformation Program

# Organisational chart





# ABS Forward Work Program

2011–12 to 2014–15



## ABS Strategic Directions

The ABS work program is established in response to current and emerging statistical priorities of users, and in the context of the ABS mission and overall strategic directions. The statistical drivers and demands of the government and community are broad ranging and are increasing both in volume and complexity. As Australia's national statistical agency, the ABS has a responsibility to respond to these demands, within the limitations of the resources allocated to it. The ABS's statement of strategic directions therefore presents the broad objectives that the ABS has chosen to pursue, which shape its priorities and work program for the period 2011–12 to 2014–15.

### Strategic Directions

1. Assist and encourage informed decision making through continued delivery of relevant, high quality, key official statistics.
2. Ensure maximum use of, and access to, official statistics, by actively building relationships and targeting specific areas to progress the National Statistical Service (NSS).
3. Transform the management of statistical information in Australia to improve the usability, value and timeliness of official statistics.
4. Maintain the relevance of our statistical work program by determining our next generation of statistical requirements and securing the necessary funding.
5. Ensure long-term sustainability by developing a set of scenarios regarding the organisation of ABS work which maximises the effective and efficient use of our workforce and resources.
6. Ensure the long-term sustainability of the ABS by investing in our workforce, building on our core capability and capacity and maintaining our strategic knowledge base.
7. Meet provider expectations through greater coordination of information collected for statistical purposes across the Australian government and through investment in e-collection and other alternative data sources.
8. Ensure international statistical coherence by influencing the development and implementation of statistical standards and frameworks of relevance to our region.

### Key priorities contributing to the ABS achieving these directions

#### Ensuring the success of the 2011 Census of Population and Housing

The Census of Population and Housing is the largest statistical operation undertaken by the Australian Bureau of Statistics. It aims to accurately measure the number of people in Australia on Census Night, their key characteristics, and the dwellings in which they live. The next Australian Census of Population and Housing will be held on the 9 August 2011 and will mark 100 years of national Censuses in Australia.

Ensuring the success of the 2011 Census of Population and Housing is a key priority area for the ABS. The upcoming Census will build on the success of previous Censuses. For example, householders will have the option to complete their Census form safely and simply online via the eCensus facilities or through the traditional paper Census form. A public awareness campaign will be conducted with the aim to ensure the cooperation of the public and the high quality of responses to the Census.

The ABS has four key goals for the 2011 Census of Population and Housing. These are to: improve coverage, which is the primary goal of the Census; ensure the relevance of the Census data to users and providers; use resources effectively and efficiently; and protect the privacy of the public.

#### Transformation of Statistical Information Management in Australia

The ABS commenced planning for the Information Management Transformation Program (IMTP) in 2010. This program, which will be undertaken in a number of phases, potentially represents the most strategic initiative to update business processes and information management infrastructure within the ABS since the 1970s.

The main outcome sought from IMTP is for federal, state and local governments and the Australian community to have access to domestic and international statistical information that is easily and rapidly found and used, reliable and comparable. To achieve this goal, the ABS needs to upgrade its internal infrastructure, refine the ways it acquires data from respondents and other sources, modernise the ways it communicates and disseminates statistical information to clients, and enhance its capability to assist other government agencies manage their own information when it has statistical potential.

An upgraded capability and business model for assisting other (government) agencies with the management and use of their own statistical information may occur in the later part of the program implementation. Attention will initially be on improving the management of the statistical information which ABS itself currently delivers. That requires the development of a coherent and integrated environment for the life-cycle management of statistical data, which will be significantly more responsive and adaptable than current ABS approaches and systems allow. This will require a significant harmonisation of statistical processes, methods, information management approaches and the supporting ICT applications, followed by training in the new approaches, and migration of processes and data from the existing to the new environment.

Australia is not alone in facing demands for better managed statistical information. Many other countries face the same challenges. The harmonisation of statistical production and information management approaches needed within ABS, is also needed by many other national statistical institutions (NSIs). The ABS is seeking stronger collaboration between national statistical institutions (NSIs) on the development of the next generation of statistical infrastructure. The international collaboration effort has been gaining momentum since the establishment of a Statistical Network in June 2010. The network includes six countries (Australia, New Zealand, Canada, UK, Norway and Sweden) and is currently working on five projects (OCMIMF – Operationalise a common metadata information management framework; data editing; web data capture; disclosure control; and innovation in dissemination). These projects were identified as important opportunities to promote collaboration to achieve mutual benefits across all participating NSIs.

### **Electronic data collection**

The ABS plans to take advantage of new technologies and move rapidly over the next 12 to 18 months to an environment where electronic collection of respondent data is one of the primary methods of obtaining survey data. Leveraging off technology used for the 2011 eCensus and Agricultural Census, the ABS will expand the use of web forms and investigate the use of administrative data, transactional data and machine to machine transfers for a range of collections. These innovations will meet community and business expectations of being able to interact with Government agencies electronically, reduce the burden on data providers, and make ABS collection methods more effective and efficient.

### **Demands for statistical data integration**

Data integration is a major priority for the ABS and wider National Statistical System as the demand for, and activities associated with, linking social, economic and environmental datasets increase across Australian Governments.

There is a strong need for consistent governance, methods, policies and protocols around data integration to:

- ▶ maximise benefits from the use of data, in a controlled and secure manner, from portfolios such as health, education, migration and family support,
- ▶ minimise risks associated with poorly managed data linkage activities on datasets of national significance such as the Census of Population and Housing, and
- ▶ maintain the trust of the broader community in the collection and use of an individual's data.

In early 2010, Commonwealth Portfolio Secretaries endorsed a set of high level principles for statistical data integration across Australian Government departments and agencies. The principles form the basis of an Australian Government approach to facilitate the strategic use of public data assets for statistical and research purposes whilst maximising the trust of the Australian community and minimising the risks of poorly managed data linkage activities. The ABS recognises these principles as providing a generic best practice model regardless of the level of government or jurisdiction in which the data integration is occurring.

A Cross Portfolio Statistical Data Integration Oversight Board was established in late 2010. The Australian Statistician chairs the Board and membership includes the ABS and Secretaries of the Department of Health and Ageing, the Department of Human Services, and the Department of Families, Housing, Community Services and Indigenous Affairs. Commonwealth Portfolio Secretaries also agreed to fund a small Secretariat, to be housed in the ABS, to support the Oversight Board and implement other elements of an agreed set of governance and institutional arrangements including best practice guidelines and a public register and complaints mechanism for data integration projects involving Commonwealth data.

### **Environmental Statistics Programs**

Australia continues to face critical challenges in water and energy security, reducing emissions and adapting to climate change. The Government has placed a high priority on managing these challenges for Australia. However, comparatively little is known about the connections between the state, condition and price of these issues and socio-economic outcomes. Without this knowledge, it is not possible to measure change, develop, implement and evaluate policies or programs. The ABS is working closely with the community and governments to further build the fourth information pillar, that is, environmental statistics, to complement the more established information bases around population, society and the economy. An essential aspect of this development work is focused around the integration of environmental statistics with Australia's economic and social statistics.

The ABS and the international statistical community are currently mainstreaming integrated environmental-economic accounting as part of national statistical systems. Environmental-economic accounts are a satellite system of the System of National Accounts, and enable the relationship between the environment and the economy to be analysed and understood. The ABS Environment Statistics program is focussing on delivering regular integrated environmental-economic accounts to provide the insight into who is using Australia's natural resources, the distribution of environmental resources across different parts of the economy, and the economic implications of environmental actions.

# National Statistical Service



# National Statistical Service Leadership

## Program Manager

Jeanette Cotterill  
A/g Assistant Statistician  
National Statistical Service  
Leadership Branch

## Resources

2010–11	\$m
Direct Costs	2.6
Full Costs	5.7
% of total costs	1.3%
Staff Usage	
15 Staff Years	

Direct Costs	\$m
2011–12	2.6
2012–13	2.7
2013–14	2.7
2014–15	2.7

## References

National Statistical Service  
[www.nss.gov.au](http://www.nss.gov.au)  
Select Statistical Clearing  
House  
Data Quality Online  
[www.nss.gov.au](http://www.nss.gov.au)  
Select Data Quality online

## Objectives

The National Statistical Service Leadership program provides a focus within the ABS for strategies aimed at strengthening and extending the National Statistical Service (NSS), the community of government agencies, working together to build a rich statistical picture for a better informed Australia. Consistent with the ABS's legislated responsibilities as Australia's central statistical authority, the program identifies opportunities for the ABS to partner with other organisations to improve the quality and value of their statistical resources. Targeted outcomes of this program are: increased focus on data quality for policy development, evaluation and research; improved and more effective statistical infrastructure and services; and increased statistical capability of producers and users of statistics.

The program has a key role in developing policy and strategies to support the NSS, and serves as a catalyst and evaluator of NSS activities, particularly those which cut across ABS program areas or involve cross-jurisdictional developments. Externally, the program is a focus for statistical coordination and provides leadership to policy and research professionals by disseminating resources and policies to support their statistical activities. The program manages the Australian Government Statistical Clearing House, to minimise the load on businesses and to improve the quality of business survey outputs.

## Outputs

Outputs of the program are:

- ▶ policy and strategies for ongoing development and advancement of the NSS
- ▶ resources for collection, compilation, analysis and dissemination of survey and administrative data
- ▶ engagement with stakeholders to advance information sharing across government agencies
- ▶ improving outcomes for the Statistical Clearing House (SCH)
- ▶ support the NSS Board and the Australian Government Statistical Forum, and contribute to fora to advance the use of statistical information
- ▶ participation in initiatives to improve statistical sharing and use, e.g. Gov 2.0, [data.australia.gov.au](http://data.australia.gov.au), and the Australian National Data Service
- ▶ support the Council of Australian Governments Reform Council's reporting process through promotion of Data Quality Online.

## Developments

Stakeholder engagement for 2011 will focus on the following key strategic priorities for advancing the NSS:

- ▶ supporting COAG measurement issues
- ▶ Statistical Data Integration
- ▶ the modernisation of Information Management Infrastructure (IMTP)
- ▶ progressing the implementation of National Statistical Policy for Australia
- ▶ spatially enabling data for regional Australia.

The main medium-term developments of the program are to:

- ▶ improve the effectiveness and efficiency of the SCH through implementation of online survey evaluation and assessment, and online management of the Australian Government Business Survey Register – September 2011
- ▶ develop a framework for identification of statistics and statistical collections considered important for evidence-based decision-making – December 2011
- ▶ consult with key external stakeholders on issues related to a national statistical policy – December 2011
- ▶ promote standards including Statistical Data and Metadata Exchange (SDMX) and Data Documentation Initiative (DDI) to simplify and standardise exchange of data, and investigate integration of SDMX with geospatial standards – June 2012
- ▶ host the 2013 NatStats Conference; to raise the profile and commitment to developing national statistics; provide opportunity for engagement on key policy issues; and strengthen relationships between information providers, policy makers and opinion leaders – 2013
- ▶ enhance strategic engagement with key stakeholders to improve the quality and use of statistics as a strategic resource – ongoing.

# Statistical Data Integration

## Program Manager

Gemma Van Halderen  
Assistant Statistician  
Social Data Integration  
and Analysis Branch  
Social Statistics Group

## References

More information can be found in:

'Data integration involving Commonwealth data for statistical and research purposes: governance and institutional arrangements'

<http://www.nss.gov.au/nss/home.nsf/NSS/00FB7E20E1D56B96CA2577F20016C3DB?opendocument>

## Objectives

The Statistical Data Integration Program provides a focal point for strong and consistent governance, methods, policies and protocols around statistical data integration.

Statistical data integration involves integrating data from different sources to provide new datasets for statistical and research purposes. The potential value from bringing together data relating to individuals, in a controlled, secure and transparent manner, is immense. However, poorly managed data linkage activities could significantly impact on community trust and the National Statistical System (for example, the Census of Population and Housing, other ABS collection activities, and administrative data collection activities undertaken by governments). The focus of the Statistical Data Integration program is therefore on balancing the gains and the risks in a cooperative, productive and transparent manner consistent with all relevant legislation.

In recognition of the strong but not exclusive focus to date on combining data from portfolios such as health, education, migration and family support, the program is managed within the ABS Social Statistics Group.

The principal clients of the Statistical Data Integration Program are data custodians and data users both within the ABS and in other Australian, State, Territory and local government organisations, researchers and the community. The key outcome of this program is a safe and effective environment for statistical data integration activities within Australia.

## Outputs

The program has the following outputs:

- ▶ policies and strategies for data integration activities involving Commonwealth data for statistical and research purposes
- ▶ best practice materials and tools for data integration activities involving Commonwealth data for statistical and research purposes
- ▶ communication, which includes seminars and presentations, participation in relevant conferences (particularly those that relate to information sharing across governments, the research sector and the community), and participation in meetings (particularly those across portfolios within governments)
- ▶ secretariat services to a Data Integration Oversight Board chaired by the Australian Statistician, and with membership comprising Portfolio Secretaries from Health and Ageing, Human Services, and Families, Housing, Community Services and Indigenous Affairs.

## Developments

The main medium-term developments in the program are to:

- ▶ undertake a study of community level understanding of statistical data integration, and attitudes to ABS involvement in data integration – due December 2011
- ▶ work with agencies to implement a safe and effective environment for data integration involving Commonwealth data by, for example, developing best practice guidelines and training material – due December 2012
- ▶ engage with the states and territories to encourage and help develop a safe and effective environment for data integration for statistical purposes across all jurisdictions – ongoing
- ▶ stay abreast of international best practice for statistical integration activities in order to influence Australian deliberations – ongoing
- ▶ engage with the custodians of key datasets, to identify opportunities for their use in statistical data integration projects – ongoing
- ▶ support confidentialising data and providing safe access to microdata to support research and statistical outputs – ongoing
- ▶ improve the understanding of issues around different levels of data linking accuracy – ongoing.

# Statistical Programs



# National Accounts

## Program Manager

Bruce Hockman  
Assistant Statistician  
National Accounts Branch

## Resources

2010–11	\$m
Direct Costs	11.0
Full Costs	21.5
% of total costs	5.0%
Staff Usage	
110 Staff Years	

Direct Costs	\$m
2011–12	8.2
2012–13	7.6
2013–14	7.7
2014–15	7.9

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Economy, then  
National Accounts

Under National Statistics  
select National Accounts

## Other references

*Australian National  
Accounts: Concepts,  
Sources and Methods*  
(ABS cat. no. 5216.0)

## Objectives

The National Accounts Program provides quarterly and annual data about the level of economic activity, the pattern of economic growth and the structure of the Australian and State economies within a coherent system of concepts and classifications.

The main clients of the program are Australian government agencies (in particular the Treasury), the Reserve Bank of Australia, State and Territory government agencies (in particular State and Territory Treasuries), international organisations such as the International Monetary Fund and the Organisation for Economic Cooperation and Development, economic analysts in the private sector, the media and academics.

National accounts information is used to: formulate and assess government macro-economic policies, both fiscal and monetary; assist in allocating Australian government funds to State Governments; formulate industry development policies; undertake financial and business planning; and facilitate international economic comparisons.

## Outputs

The main outputs of the program are the quarterly publications *Australian National Accounts: National Income, Expenditure and Product* (ABS cat. no. 5206.0) and *Australian National Accounts: Financial Accounts* (ABS cat. no. 5232.0); and the annual publication *Australian System of National Accounts* (ABS cat. no. 5204.0). Together these publications provide comprehensive measures of Australia's macro-economic performance and economic structure.

The key series relate to current price and volume measures of Australia's Gross Domestic Product broken down into its components. In the quarterly publication, most data are published in seasonally adjusted and trend terms. The publications also show estimates for the national income and capital accounts, and sector accounts such as for households and general government. Data on financial transactions, flow of funds and financial balance sheet positions are provided quarterly and complete balance sheets for sectors and the nation are compiled annually. The annual publication also includes a range of economic data by industry as well as capital stock and productivity estimates.

Annual estimates of economic growth for each State and Territory are published separately in *Australian National Accounts: State Accounts* (ABS cat. no. 5220.0). The program also produces annual Input-Output tables and an annual tourism satellite account that highlights the contribution of tourism to the Australian economy.

The annual release of Input-Output tables in *Australian National Accounts: Input-Output Tables – Electronic Publication* (ABS cat. no. 5209.0) tables provides a detailed articulation of the structure of economic production by detailing the flows of products into and between industries and their use for consumption, investment or export.

The program provides seminars, training courses and other information to assist economic analysts in understanding and using National Accounts statistics.

## Developments

The main medium-term developments in the program are to:

- ▶ incorporate the latest Household Expenditure Survey data into estimates of Household Final Consumption Expenditure – due December 2011
- ▶ improve National Accounts compilation processes and methods, with a particular focus on improving the coherence of the accounts with other economic indicators and minimising revisions to growth rates and levels – due December 2012
- ▶ improve the coverage of services industries by increasing the scope of input collections and investigating additional data sources – due December 2013
- ▶ contribute to international research of topics identified as needing further work during the update of the System of National Accounts, with an emphasis on the concept of income and the treatment of emissions trading instruments – ongoing.

# International Accounts

## Program Manager

Bernard Williams  
Assistant Statistician  
International Accounts  
and Financial Statistics  
Branch

## Resources

2010–11	\$m
Direct Costs	6.4
Full Costs	14.1
% of total costs	3.3%

Staff Usage  
66 Staff Years

Direct Costs	\$m
2011–12	6.2
2012–13	6.7
2013–14	6.6
2014–15	6.5

## References

Topics @ a Glance page  
[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance select Economy, then: Balance of Payments; Foreign Investment and Foreign Debt; or Foreign Trade

## Other References

*Balance of Payments, and International Investment Position, Australia: Concepts, Sources and Methods* (ABS cat. no. 5331.0)

*International Merchandise Trade, Australia: Concepts, Sources and Methods* (ABS cat. no. 5489.0)

*A Guide to Australian Balance of Payments and International Investment Position Statistics* (ABS cat. no. 5362.0.55.001)

## Objectives

The International Accounts Program provides statistics on Australia's Balance of Payments, International Investment Position, Merchandise Trade and International Trade in Services. The statistics are compiled from a range of surveys and administrative data sources with merchandise trade statistics derived from records lodged with Australian Customs and Border Protection Service.

The main users of the International Accounts data are economic and industry analysts and policy advisers in Australian government agencies (in particular, the Treasury, the Reserve Bank of Australia, the Productivity Commission, Austrade and the Departments of: Foreign Affairs and Trade; Prime Minister and Cabinet; and Resources, Energy and Tourism), private sector economic analysts and dealers, academics, the media and international organisations.

The statistics are used to analyse Australia's external performance, formulate and evaluate macro-economic policy (including trade policy, trade treaties and foreign investment policy), analyse trends in income, capital flows and patterns of investment into and out of the economy, and to undertake international comparisons. The international accounts are inputs to the Australian National Accounts, providing the external transactions accounts and the external assets and liabilities components of the national balance sheet.

## Outputs

The program produces a range of statistical publications, classifications and methodological information. The key statistical publication is the quarterly *Balance of Payments and International Investment Position, Australia* (ABS cat. no. 5302.0) which presents a comprehensive set of international accounts statistics including chain volume measures for trade in goods and services and seasonally adjusted data for the current account.

Monthly information on exports and imports of goods and services, on a balance of payments basis, is released in *International Trade in Goods and Services, Australia* (ABS cat. no. 5368.0). The publication includes a selection of tables showing merchandise exports and imports data on a recorded trade basis. The program produces the *Australian Harmonized Export Commodity Classification* (ABS cat. no. 1233.0). Updates to the classification, if required, are scheduled for release six monthly.

*International Merchandise Imports, Australia* (ABS cat. no. 5439.0) provides summary information on Australia's merchandise imports for the latest reference month, on a recorded trade basis. Very detailed merchandise trade export and import statistics classified by commodity, country of trading partner, state, industry of origin and broad economic category can be obtained from ABS Client Services.

International trade in services data by partner country and state are released annually, on a calendar year basis in *International Trade in Services by Country, by State and by Detailed Services Category, Calendar Year* (ABS cat. no. 5368.0.55.004) and financial year basis in *International Trade in Services by Country, by State and by Detailed Services Category, Financial Year* (ABS cat. no. 5368.0.55.003). Calendar year international investment position, financial account and primary income data by partner country, and international investment position and financial account data by industry for direct investment are released annually in *International Investment Position Australia: Supplementary Statistics* (ABS cat. no. 5352.0).

## Developments

The main medium-term developments in the program are to:

- ▶ investigate the feasibility of improving the timeliness of trade in services information measured through the Survey of International Trade in Services – due December 2011
- ▶ revise the Australian Harmonized Export Commodity Classification and the statistical codes of the Customs Tariff to reflect the 2012 update to the international Harmonized System – due January 2012
- ▶ review commodity classifications used in the balance of payments to ensure that they remain relevant and are linked appropriately to international and other ABS classifications – due December 2012
- ▶ determine the implications and cost of implementing the updated international manual on the compilation of Merchandise Trade statistics – due June 2013
- ▶ subject to user funding, conduct and release the results from a Survey of Foreign Currency Exposure (Hedging) in respect of March 2013 – due December 2013
- ▶ subject to the cost assessment, implement the updated international manual on the compilation of Merchandise Trade statistics and revise concepts, sources and methods documentation – due June 2014
- ▶ implement the final Extended Balance of Payments Services Classification – dependent on the finalisation of the Manual on Statistics of International Trade in Services but tentatively due December 2014.

# Financial Statistics

## Program Manager

Bernard Williams  
Assistant Statistician  
International Accounts  
and Financial Statistics  
Branch

## Resources

2010–11	\$m
Direct Costs	2.1
Full Costs	4.8
% of total costs	1.1%
Staff Usage	
18 Staff Years	

Direct Costs	\$m
2011–12	2.0
2012–13	2.1
2013–14	2.1
2014–15	2.1

## References

Topics @ a Glance page  
[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Economy, then  
Finance

## Objectives

The Financial Statistics Program compiles statistics on the financial assets, liabilities, borrowing and lending of financial institutions; and on the stocks and flows of finance for the sectors of the economy. The statistics are sourced from several ABS statistical surveys and other data sources including the Australian Prudential Regulation Authority (APRA) and the Australian Taxation Office.

The main users of the program include the main financial policy agencies (including the Treasury and the Reserve Bank of Australia), and financial institutions. Industry associations, analysts and State and Territory Treasuries are also extensive users of the lending statistics.

The statistics are used for analysis of monetary policy outcomes, for monitoring the flows in the financial system, and for assessing the financial performance of the economic sectors or institutional classes. Housing finance commitment statistics are used as one of the indicators of consumer sentiment and, together with personal, commercial and lease finance commitment statistics, are used as forward indicators of demand in the economy.

Financial statistics are important inputs to the Australian National Accounts, predominantly the financial accounts, and accordingly, the ABS National Accounts Program is a key client of the Financial Statistics Program.

## Outputs

The program produces the quarterly publication *Managed Funds, Australia* (ABS cat. no. 5655.0), which includes statistics for cash management trusts, superannuation funds, life insurance corporations, public unit trusts, common funds, and friendly societies. Information on securitisation trusts is released quarterly in the publication *Assets and Liabilities of Australian Securitised* (ABS cat. no. 5232.0.55.001).

The monthly publication *Housing Finance, Australia* (ABS cat. no. 5609.0) includes information on finance commitments for owner occupation and investment housing, as well as balances outstanding on housing finance loans. Finance commitments by banks and other financial institutions are covered, including whether the loans are at fixed or variable rates. The monthly *Lending Finance, Australia* (ABS cat. no. 5671.0) provides statistics on commercial, personal and lease finance commitments.

The annual publication *Venture Capital and Later Stage Private Equity, Australia* (ABS cat. no. 5678.0) is produced on a user-funded basis. The publication includes information on fund commitments and drawdowns by source of funds, assets and liabilities of the venture capital and later stage private equity funds; financing flows between the funds and their investors and investee companies; and the stage and industry characteristics of venture capital deals undertaken during the latest financial year.

The program also compiles the source data for the quarterly publication *Australian National Accounts: Financial Accounts* (ABS cat. no. 5232.0), which is a component of the Australian National Accounts.

## Developments

The main medium-term developments in the program are to:

- ▶ review the frequency and timing of the *Lending Finance, Australia* publication – due June 2012
- ▶ investigate the feasibility of an Investment Managers Collection instrument that combines international investment and domestic financial statistics requirements – due December 2012
- ▶ develop concepts, sources and methods documentation for Managed Funds – due December 2012
- ▶ participate in the review by APRA of their suite of statistical reporting forms for authorised deposit-taking institutions – due June 2013.
- ▶ Further medium-term developments will be determined as recommendations arising from the review of financial statistics are costed and prioritised.

## Program Manager

Judy Henson  
Assistant Statistician  
Prices Branch

## Resources

2010–11	\$m
Direct Costs	14.7
Full Costs	28.5
% of total costs	6.6%
Staff Usage	
153 Staff Years	

Direct Costs	\$m
2011–12	14.2
2012–13	13.7
2013–14	13.3
2014–15	12.3

## References

*Topics @ a Glance page*  
[www.abs.gov.au](http://www.abs.gov.au)  
Select Economy, then Prices

# Prices

## Objectives

The Prices Program compiles a number of key main economic indicators: the Consumer Price Index (CPI), the House Price Index (HPI), the Wage Price Index (WPI), an annual Labour Price Index (LPI) which includes non-wage price indexes, and a range of Producer and International Trade Price Indexes (PPIs and ITPIs). The program also produces a Pensioner and Beneficiary Living Costs Index (PBLCI), and Analytical Living Cost Indexes (ALCIs) for Selected Australian Household Types. The program promotes, through provision of information papers, seminars and other means, a greater understanding in the community of concepts, methods and uses of price indexes.

The main clients for the program's outputs are the Reserve Bank of Australia, the Treasury, the Australian Government Departments of: Education, Employment and Workplace Relations; and Families, Housing, Community Services and Indigenous Affairs, Australian, State and Territory government agencies whose payments are indexed, economic analysts, and the general business community.

The main uses of the key prices indicators are:

- ▶ CPI is a general measure of price inflation for the household sector; for production of volume estimates of components of the Australian National Accounts; as a basis for indexing pensions, superannuation payments and government taxes and charges; as an input into salary and wage negotiations; and for indexation of government bonds and business contracts
- ▶ HPI is a measure of price changes for established houses and for project homes; for analysis of trends in the housing market; and for production of estimates of the value of the housing stock
- ▶ WPI/LPI informs measurements of wage inflation; wage setting negotiations; production of volume estimates of components of the Australian National Accounts; and the indexation of business contracts
- ▶ PPIs and ITPIs are used for the production of volume estimates for components of the Australian National Accounts; as a guide to future inflationary trends; and for indexation of business contracts
- ▶ PBLCI is a measure of the impact of changes in prices on the out-of-pocket living costs experienced by pensioners and other government benefit recipient households; and as a basis for indexing pensions and other payments to government benefit recipients
- ▶ ALCIs are supplementary analytical series to the CPI and are used as a measure of the impact of changes in prices on the out-of-pocket living costs experienced by employee households, age pensioner households, other government benefit recipient households and self-funded retiree households.

## Outputs

The main program outputs are the following quarterly publications:

- ▶ *Consumer Price Index, Australia* (ABS cat. no. 6401.0)
- ▶ *House Price Indexes: Eight Capital Cities* (ABS cat. no. 6416.0)
- ▶ *Labour Price Index, Australia* (ABS cat. no. 6345.0)
- ▶ *Producer Price Indexes, Australia* (ABS cat. no. 6427.0) and *International Trade Price Indexes, Australia* (ABS cat. no. 6457.0)
- ▶ *Pensioner and Beneficiary Living Cost Index, Australia* (ABS cat. no. 6467.0)
- ▶ *Analytical Living Costs Index for Selected Australian Household types, Australia* (ABS cat. no. 6463.0).

## Developments

The main medium-term developments in the program are to:

- ▶ introduce the 16th series CPI, including updated household expenditure weights, removal of financial intermediation services indirectly measured and inclusion of a seasonally adjusted CPI for the September quarter 2011 – due October 2011
- ▶ improve CPI measurement of services that have complex pricing mechanisms: utilities (pilot study for Canberra – due September 2011) and telecommunications – due October 2011
- ▶ investigate the feasibility and costs of an index for dwellings other than detached houses – due December 2011
- ▶ introduce a program of improvements to the PBLCI and ALCI, including updated household expenditure weights and more timely publication – from February 2012
- ▶ complete a review of the PPI and stage of production (SOP) indexes, including SOP reweighting on an ANZSIC06 basis – due September 2012
- ▶ review the HPI, including undertaking a re-weight based on 2011 Census of Population and Housing data – due December 2013.

# Public Sector Accounts

## Program Manager

Bernard Williams  
Assistant Statistician  
International Accounts  
and Financial Statistics  
Branch

## Resources

2010–11	\$m
Direct Costs	3.4
Full Costs	7.0
% of total costs	1.6%
Staff Usage	
32 Staff Years	

Direct Costs	\$m
2011–12	3.5
2012–13	3.4
2013–14	3.2
2014–15	3.2

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Economy, then  
Government Finance  
Statistics

## Other references

*Australian System of  
Government Finance  
Statistics: Concepts,  
Sources and Methods*  
(ABS cat. no. 5514.0)

## Objectives

The Public Sector Accounts Program provides Government Finance Statistics (GFS) in respect of the Australian, State and Territory Governments, their public financial and non-financial corporations, universities and local governments. The statistics are compiled predominantly from government accounting systems.

The main users of the program include various Australian Government agencies (in particular the Treasury, the Commonwealth Grants Commission, Productivity Commission, and the Departments of: Finance and Deregulation; Education; Employment and Workplace Relations; Health and Ageing), State and Territory government agencies (in particular State Treasuries), financial market analysts and international agencies.

GFS are used to monitor the financial performance of governments and to inform on the economic impact of government activities. They are also used to assist in the distribution of Australian government grants to State Governments.

GFS are an important input to the Australian National Accounts, providing income and expenditure estimates for the public sector. Accordingly, the ABS National Accounts Program is a key client of the Public Sector Accounts Program.

## Outputs

The program produces a number of GFS publications each year, compiled in accordance with the International Monetary Fund's Government Finance Statistics Manual 2001.

The annual publication *Government Finance Statistics, Australia* (ABS cat. no. 5512.0), provides an operating statement, balance sheet and cash flow statement for the most recent year for each of the Australian, State, Territory and local governments for the general government and public non-financial corporations. Key GFS accruals measures such as the net operating balance, net lending/ borrowing, and net worth are provided. A cash-based surplus/deficit is also produced.

Quarterly publication, *Government Finance Statistics, Australia* (ABS cat. no. 5519.0.55.001), provides operating statements for general government and public non-financial corporations sector aggregates.

Other publications include:

- ▶ *Government Financial Estimates, Australia* (ABS cat. no. 5501.0.55.001), which provides initial budget forecasts compiled by each jurisdiction on a GFS basis
- ▶ *Taxation Revenue, Australia* (ABS cat. no. 5506.0), which provides revenue from taxation of the Australian Government, the State and Territory Governments and local government authorities in Australia
- ▶ *Government Finance Statistics, Education, Australia* (ABS cat. no. 5518.0.55.001), which provides statistics on government expenditure in the field of education.

## Developments

The main medium-term developments in the program are to:

- ▶ implement revised international GFS standards in ABS statistics – timing dependent on the release of the International Monetary Fund's GFS Manual and consultation with stakeholders
- ▶ assess the availability, quality and feasibility of compiling quarterly balance sheet data – due June 2012
- ▶ contribute to the revision of the International Monetary Fund's GFS Manual – due June 2012
- ▶ develop an implementation strategy for introducing Australia's revised institutional sector classification (Standard Economic Sector Classifications of Australia 2008) – due June 2012
- ▶ assess options for publishing a more comprehensive reconciliation between GFS and national accounts measures – due June 2013
- ▶ assist the Treasury and/or the Department of Finance in each jurisdiction with implementation and interpretative issues associated with the adoption of the GFS-GAAP (Generally Accepted Accounting Principles) harmonised financial reporting basis represented by the new accounting standard AASB 1049 (Whole of Government and General Government Sector Financial Reporting by Governments) – ongoing
- ▶ work with the Treasury and/or Department of Finance in each jurisdiction on the continual improvement in the quality and uniformity of Australia's GFS – ongoing.

## Business Indicators

### Program Manager

Bruce Hockman  
Assistant Statistician  
National Accounts Branch

### Resources

2010–11	\$m
Direct Costs	3.2
Full Costs	11.0
% of total costs	2.6%

Staff Usage  
34 Staff Years

Direct Costs	\$m
2011–12	3.2
2012–13	3.3
2013–14	3.3
2014–15	3.4

### References

*Topics @ a Glance* page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Economy, then  
Business Indicators

Under Topics @ a Glance  
select Industry, then Retail

### Objectives

The Business Indicators Program is responsible for the provision of a range of sub-annual main economic indicators.

The indicators include:

- ▶ monthly statistics of turnover by selected retail industries and the takeaway food services industry
- ▶ quarterly statistics of company profits, inventories, sales and labour costs
- ▶ quarterly statistics of actual and expected new capital expenditure
- ▶ quarterly statistics of actual and expected mineral and petroleum exploration
- ▶ biannual statistics of expected mineral and petroleum expenditure.

These data are essential inputs to the compilation of quarterly and annual National Accounts.

The main clients of the program include the Treasury, the Reserve Bank of Australia, various State and Territory departments, banks, industry associations, and other financial analysts and commentators.

These clients use the statistics as partial indicators of the National Accounts and as important indicators of economic activity in their own right.

### Outputs

The key statistical outputs of the program are the monthly publication *Retail Trade, Australia* (ABS cat. no. 8501.0) and the quarterly publications *Private New Capital Expenditure and Expected Expenditure, Australia* (ABS cat. no. 5625.0), *Mineral and Petroleum Exploration, Australia* (ABS cat. no. 8412.0) and *Business Indicators, Australia* (ABS cat. no. 5676.0). Each publication contains both national and state level data and estimates in original, seasonally adjusted and trend terms.

The latter publication provides information on sales, labour costs, company profits and inventories; publications with cat. nos: 8501.0; 5625.0; and 5676.0; also present current price data by industry and, where appropriate, estimates are presented as chain volume measures.

The program produces detailed datasets that are available in spreadsheet form via the ABS website.

### Developments

The main medium-term developments in the program are to:

- ▶ improve the coherence of the Quarterly Business Indicators Survey (QBIS) and annual industry collection with National Accounts estimates – due December 2011
- ▶ investigate expanding the scope of the QBIS to include public corporations in certain industries (e.g. Water, Construction) – due December 2011
- ▶ investigate extending the collection of inventories data for a broader selection of industries – due December 2011
- ▶ extend Retail Trade's coverage to include service industries, particularly those which have become more significant in household consumption expenditures, and investigate the appropriateness of an activity-based collection versus an industry-based approach – due December 2012.

# Innovation and Technology

## Program Manager

Gillian Nicoll  
Regional Director  
Western Australia

## Resources

2010–11	\$m
Direct Costs	2.7
Full Costs	5.8

% of total costs 1.3%

Staff Usage  
27 Staff Years

Direct Costs	\$m
2011–12	2.8
2012–13	2.9
2013–14	3.1
2014–15	3.1

## References

*Topics @ a Glance page*

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Industry, then  
Innovation, Science &  
Technology

## Objectives

The Innovation and Technology Program provides data to assist the understanding of the impact of research and experimental development, innovation and new technologies on economic and social outcomes. It provides measures of the penetration and use of selected new technologies, particularly information and communication technology (ICT), within Australia, for both businesses and households. The program also provides measures of innovation for Australian businesses. Some of the outputs relating to businesses are an integral part of the Business Characteristics Survey, an important component of the Business Longitudinal Database which is a tool for understanding business activity and possible links to business performance and productivity.

Clients of the program include:

- ▶ Australian government agencies including the Departments of: Broadband, Communications and the Digital Economy; Innovation, Industry, Science and Research; and Education, Employment and Workplace Relations, as well as the Productivity Commission and the Australian Communications and Media Authority
- ▶ State and Territory government departments
- ▶ industry associations, research organisations, universities and businesses.

Statistics for expenditure on research and experimental development are important inputs to the Australian National Accounts, and accordingly, the ABS National Accounts Program is a key client of the Innovation and Technology Program.

## Outputs

The program produces a range of statistical outputs, showing:

- ▶ use of ICT goods and services by Australian businesses and households
- ▶ internet activity conducted through the Australian Internet Service Provider industry
- ▶ innovation activities undertaken within the Australian economy
- ▶ research and experimental development undertaken by businesses, government, universities and private non-profit organisations
- ▶ selected business characteristics data.

The program has responsibility for the Business Longitudinal Database Confidentialised Unit Record File and also contributes to the work of national and international agencies, through input to the review and development of relevant statistical standards and frameworks. Related research papers and discussion papers are made available via the ABS website.

## Developments

The main medium-term developments in the program are to:

- ▶ contribute to the development of a Broadband Metrics Framework being developed by the OECD which will facilitate international comparisons of broadband uptake and usage – due June 2011
- ▶ undertake a comprehensive review of existing data collection strategies in the increasingly important area of Research and Development, with a view to developing long term strategies which address emerging policy needs – due July 2011
- ▶ work with the Department of Innovation, Industry, Science and Research and the Australian Public Service Commission to develop measures of public sector innovation (Australian Public Sector Innovation Indicators) and to feed this work into the development of an international framework for measuring innovation in the Public Sector – first stage due June 2012
- ▶ develop strategies for meeting information needs arising from major government policy initiatives including: the National Broadband Network; *Australia's Digital Economy: Future Directions* (July 2009); *Powering Ideas, an Innovation Agenda for the 21st Century* (May 2009); and *Inspiring Australia, a National Strategy for Engagement with the Sciences* (Dec 2009) – ongoing.

# Business Demographics

## Program Manager

Bill Allen  
A/g Assistant Statistician  
Economic Analysis and  
Reporting Branch

## Resources

2010–11	\$m
Direct Costs	2.0
Full Costs	4.1
% of total costs	0.9%
Staff Usage	
25 Staff Years	

Direct Costs	\$m
2011–12	2.2
2012–13	2.3
2013–14	2.3
2014–15	2.3

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Economy, then  
Business Demography

## Objectives

The Business Demography Program is responsible for the provision of a range of information about the structure, characteristics and performance of businesses in the Australian economy and conceptual developments regarding business definitions and classifications. This information is part of a consistent framework for all ABS business statistics. A particular, but not exclusive, focus of the program is on providing information about small businesses.

Key external clients of the program are Australian and State government agencies and industry associations.

Government policy analysts at all levels of government and researchers make extensive use of ABS business statistics. Business and business operator counts produced by the program are important for users in understanding the likely impact of particular policies or events. The data are used mainly to monitor the structure and performance of the business sector; and to assess the need for, and effectiveness of, policies relating to the business sector.

## Outputs

The program releases an annual publication *Counts of Australian Businesses, including Entries and Exits* (ABS cat. no. 8165.0), which harmonises previously separate releases of business counts and entries and exits. This publication provides data of relevance to users interested in understanding businesses that actively trade in goods or services. A particular focus of future releases will be on providing business growth information for surviving businesses. Further enhancements will include the provision of additional data at state and sub-state levels.

The publication *Counts of Australian Business Operators* (ABS cat. no. 8175.0), first released in 2008, sources data from the Census of Population and Housing (Census) and the Forms of Employment Survey. The next release is due in 2012, using data collected in the 2011 Census and Forms of Employment Survey. Possible enhancements to this publication include providing greater information at the state level and the provision of additional small business data sourced from the Forms of Employment Survey.

These outputs, together with a range of relevant information, are available on the Business Demography Topics @ a Glance page on the ABS website.

## Developments

The main medium term developments in the program are to:

- ▶ investigate the feasibility of linking ABS business counts data with aggregate employment and annual turnover data – due December 2012
- ▶ improve the international comparability of ABS business demography statistics using the OECD's manual on business demography statistics as a framework – ongoing.

# Industry Statistics

## Program Manager

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	11.1
Full Costs	20.4
% of total costs	4.7%
Staff Usage	
118 Staff Years	

Direct Costs	\$m
2011–12	9.2
2012–13	13.0
2013–14	8.0
2014–15	8.1

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Industry, then  
Manufacturing Statistics,  
Mining or Service Industries  
Statistics

## Objectives

The Industry Statistics Program provides information about the structure, financial operations, performance and production of Australian industries and construction activity. The information is used to monitor the economy and the business cycle, and support the compilation of the Australian National Accounts.

The program consists of:

- ▶ annual economy wide financial statistics, from a collection program composed of core and flexible elements that cover the entire economy over a ten year period (in response to specifically identified needs), modelling and analytical work
- ▶ construction statistics on activity levels in residential building, non-residential building and engineering construction.

The main clients include the Treasury; the Reserve Bank of Australia; the Productivity Commission; the Australian Government Departments of: Resources, Energy and Tourism; Innovation, Industry, Science and Research; Sustainability, Environment, Water, Population and Communities; as well as Geoscience Australia; the Australian Bureau of Agricultural and Resource Economics and Sciences; Bureau of Meteorology; State and Territory agencies; industry organisations and associations; and financial and academic institutions.

Program outputs are widely used for economic monitoring and forecasting, as input to the Australian National Accounts and international industry statistics.

Construction statistics are used for construction industry, finance and investment sector analysis; and in understanding population change, an essential input to regional planning.

## Outputs

The main outputs of the program are:

- ▶ the monthly publication *Building Approvals, Australia* (ABS cat. no. 8731.0) and related time series spreadsheets, providing building approvals statistics which are a leading indicator of future building activity
- ▶ the annual publication *Australian Industry* (ABS cat. no. 8155.0); and related data, providing national estimates of income, expenses, wages and salaries, operating profit before tax, industry value added, operating businesses, employment, and selected business performance measures at industry division and subdivision levels.

Other outputs include statistical data releases for Australian Industry such as:

- ▶ information about Australia's mineral production based on data from State and Territory authorities
- ▶ featured statistics on the industries covered in 2010–11 in the survey program – Electricity, Gas, Water and Waste Services Use; Manufacturing; and Transport.

Quarterly releases are:

- ▶ *Dwelling Unit Commencements, Australia, Preliminary* (ABS cat. no. 8750.0)
- ▶ *Construction Work Done, Australia, Preliminary* (ABS cat. no. 8755.0)
- ▶ *Building Activity, Australia* (ABS cat. no. 8752.0)
- ▶ *Engineering Construction Activity, Australia* (ABS cat. no. 8762.0)
- ▶ *Mineral and Petroleum Exploration, Australia* (ABS cat. no. 8412.0).

Specific user requirements (e.g. more detail for industry and/or data items) are available by request.

## Developments

The main medium-term developments in the program are to:

- ▶ redevelop Industry Statistics web-based Topics @ a Glance pages – due June 2011
- ▶ implement the new ABS geography in building surveys – due June 2011
- ▶ release Australian Industry outputs – 2010–11 due May 2012
- ▶ implement key recommendations from the Building and Construction Review – due June 2012
- ▶ investigate improvements to the Building Approvals autocoder – due June 2012
- ▶ implement the recommendations from the Annual Integrated Collections Review – due June 2012
- ▶ extend the depth and quality of industry statistics through business taxation and other administrative data, synthetic estimation and/or modelling techniques – ongoing.

# Agriculture

## Program Managers

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

Jacky Hodges  
Regional Director  
Tasmania

## Resources

2010–11	\$m
Direct Costs	4.9
Full Costs	11.5
% of total costs	2.7%
Staff Usage	
51 Staff Years	

Direct Costs	\$m
2011–12	4.6
2012–13	4.2
2013–14	2.6
2014–15	3.1

## References

Topics @ a Glance page

www.abs.gov.au

Under Topics @ a Glance select Industry, then Agriculture for information on commodity production and economic performance

Under Topics @ a Glance select Environment and Energy for information on environmental practices

## Objectives

The Agriculture Program aims to satisfy the statistical needs of agricultural policy makers and other key users of agricultural statistics by providing reliable and relevant information on commodity production, economic performance, and environmental practices. The main collections include an annual agricultural survey, a five-yearly Agricultural Census, and a range of surveys covering specific aspects of agriculture and related activity.

The main clients of the program include a range of Australian, State and Territory government agencies, industry organisations, financial institutions, academic institutions, and private sector organisations providing services to the agricultural sector.

Australian Government departments and agencies, and the State and Territory Departments of Agriculture and Natural Resources use agricultural data for formulating and monitoring policies on the various activities undertaken within the agricultural industry.

Industry organisations use agricultural data to assess the relative performance of the various industries and for the development of marketing and export strategies.

## Outputs

Estimates of the structure of agricultural industries and the quantity of agricultural commodities produced each year are available from the annual commodity collection and published in *Agricultural Commodities, Australia* (ABS cat. no. 7121.0).

Data related to the value of agricultural commodities are published annually in *Value of Agricultural Commodities Produced, Australia* (ABS cat. no. 7503.0) and more recently the values of irrigated agricultural commodities are published in *Experimental Estimates of the Gross Value of Irrigated Agricultural Production* (ABS cat. no. 4610.0.55.008).

Details of the number of livestock slaughtered for human consumption and meat produced are available on a monthly basis in *Livestock and Meat, Australia* (ABS cat. no. 7218.0.55.001). Details of other livestock products including poultry, meat, wool and milk are published quarterly in *Livestock Products, Australia* (ABS cat. no. 7215.0).

Information about the Australian wheat industry is released monthly in *Wheat Use and Stocks, Australia* (ABS cat. no. 7307.0). This includes stocks of wheat grain, domestic use and exports, and committed future purchases for domestic use and exports.

Details of agricultural water use and management are available annually in *Water Use on Australian Farms* (ABS cat. no. 4618.0). Agricultural water use information is also included in the environmental-economic *Water Account, Australia* (ABS cat. no. 4610.0) which is produced every four years.

Details of agricultural land management practices are available every second year in *Land Management and Farming in Australia* (ABS cat. no. 4627.0).

The ABS will be conducting a new collection, the Foreign Ownership of Agricultural Businesses, Land and Water Survey, during 2011 to provide information on foreign ownership of agricultural businesses, agricultural land and water entitlements (used for agricultural purposes). The results will be released in September 2011.

## Developments

The main medium-term developments in the program are to:

- ▶ conduct the 2010–11 Agricultural Census, including the provision of an electronic reporting option – due June 2011
- ▶ release Agricultural Census outputs and provide improved web-based dissemination, including release of small area data – from May 2012
- ▶ review the ABS agricultural survey work program in consultation with other government agencies – due June 2012
- ▶ optimise the range, availability and usefulness of agriculture and related statistics – ongoing.

# Transport

## Program Manager

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	1.3
Full Costs	3.8
% of total costs	0.9%
Staff Usage	
14 Staff Years	

Direct Costs	\$m
2011–12	1.1
2012–13	1.2
2013–14	1.2
2014–15	1.2

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Industry, then  
Transport

## Objectives

The Transport Program is responsible for producing statistics on transport and transport related activities and undertakes a coordination and liaison role between producers and users of transport data.

The main clients of the program include various Australian government agencies, in particular: the Department of Infrastructure, Transport, Regional Development and Local government; the Bureau of Infrastructure, Transport and Regional Economics; the Commonwealth Grants Commission; the Treasury; as well as State and Territory Government agencies; the National Road Transport Commission; and industry and academic organisations.

Statistics from the transport collections are used to assist in policy and planning deliberations by governments and transport organisations, particularly in the areas of long term planning, the regulation of road transport operators, and for accident exposure and fuel use analysis. Information about the vehicle fleet provides a measure of the stock of vehicles registered for road use at a point in time and supports the study of links between demographic change and vehicle ownership and use. Statistics on new motor vehicle sales provide an economic indicator of consumer confidence.

## Outputs

The outputs of the program are the monthly publication of *Sales of New Motor Vehicles, Australia* (ABS cat. no. 9314.0), a major economic indicator, biennial publication of the *Survey of Motor Vehicle Use, Australia* (ABS cat. no. 9208.0), and annual publication of *Motor Vehicle Census, Australia* (ABS cat. no. 9309.0).

## Developments

The main medium-term developments in the program are to:

- ▶ investigate options to incorporate administrative data into vehicle surveys – due Dec 2011
- ▶ investigate options for implementing a transport satellite account – due June 2012
- ▶ support the ABS Annual Integrated Collection Business Statistics Centre in the development and implementation of surveys that support the Transport Satellite Account – ongoing to June 2012
- ▶ support the activities of the Australian Transport Data Action Network as it progresses the Australian Transport Council's Data Action Plan, including enhancing the comparability of nationally significant datasets through harmonisation of standards and classifications – ongoing
- ▶ provide administrative support for the enhancement and maintenance of the Transport Metadata Portal – ongoing.

# Tourism

## Program Manager

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	0.8
Full Costs	2.9
% of total costs	0.7%
Staff Usage	
8 Staff Years	

Direct Costs	\$m
2011–12	0.6
2012–13	0.8
2013–14	0.7
2014–15	0.7

## References

Topics @ a Glance page  
[www.abs.gov.au](http://www.abs.gov.au)  
Under Topics @ a Glance  
select Industry, then Tourism

## Other references

Framework for Australian  
Tourism Statistics  
(ABS cat. no. 9502.0.55.001)

## Objectives

The Tourism Program is responsible for producing regular, timely and coherent data on tourism activities. It also undertakes a coordination and liaison role between tourism statistics users and other areas of the ABS that produce tourism-related statistics. Data produced include the Australian Tourism Satellite Account, overseas arrivals and departures, tourism-related exports and imports indicators, Survey of Tourist Accommodation and data collected under the Industry Statistics Program. The Tourism Program is also responsible for the development and maintenance of tourism frameworks, standards and concepts.

The main clients of the program are: the Department of Resources, Energy and Tourism; State and Territory tourism departments; tourism industry associations; academic and research groups; and marketing and consultancy bodies.

Tourism data are used to assist in economic analysis and policy formation relating to tourism, to measure the size and structure of tourism related industries, to allocate State and Territory government funding to regional areas, and for local government planning and investment. The Survey of Tourist Accommodation data are an input into the policy and planning activities of government and industry, particularly in relation to tourism activity in regional areas.

## Outputs

The main output of the program is the quarterly publication *Tourist Accommodation, Australia* (ABS cat. no. 8635.0). This publication provides detailed demand and supply data relating to hotels, motels and guest houses with 15 or more rooms, and serviced apartments with 15 or more units (derived from the Survey of Tourist Accommodation). With funding from the Department of Resources Energy and Tourism, the ABS has expanded the survey to include smaller establishments and other accommodation types.

The program works with the National Accounts program to produce the *Australian National Accounts: Tourism Satellite Account* (ABS cat. no. 5249.0). The production of the account is funded by Department of Resources, Energy and Tourism.

Other outputs of the program relate to research and development work in such areas as tourism statistics frameworks and classifications.

The program also actively assists in user education relating to *Australian National Accounts: Tourism Satellite Account* (ABS cat. no. 5249.0), *Overseas Arrivals and Departures, Australia* (ABS cat. no. 3401.0), *Short-term Visitor Arrival Estimates, Australia* (ABS cat. no. 3401.0.55.001), tourism-related services exports and imports indicators in *International Trade in Goods and Services, Australia* (ABS cat. no. 5368.0) and *Balance of Payments and International Investment Position, Australia* (ABS cat. no. 5302.0), and the tourism-related outputs issued by the Service Industries program.

## Developments

The main medium-term developments in the program are to:

- ▶ undertake research to improve employment indicators in the Tourism Satellite Account, in association with Department of Resources Energy and Tourism – due June 2011
- ▶ contribute to the United Nations World Tourism Organisation and other international bodies as they examine statistical definitions and classifications – ongoing.

## Environment Statistics

### Program Manager

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

### Resources

2010–11	\$m
Direct Costs	0.3
Full Costs	0.6
% of total costs	0.1%
Staff Usage	
7 Staff Years	

Direct Costs	\$m
2011–12	1.0
2012–13	1.0
2013–14	1.1
2014–15	1.1

### References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select Environment and  
Energy

### Objectives

The Environment Statistics Program contributes to the growing need for comprehensive and coordinated information about Australia's environment, focusing on key themes such as water, energy, land and waste management. The complex inter-relationships between the environment, society and the economy require integrated information, which is a key focus of the program.

The program actively engages with partners to understand information needs and coordinate the development of statistics from the wide range of data available in this field.

Clients of the program include:

- ▶ Australian Government Departments of: Sustainability, Environment, Water, Population and Communities; Agriculture, Fisheries and Forestry; Resources, Energy and Tourism; Climate Change and Energy Efficiency; and the Treasury
- ▶ Australian government agencies and programs such as Australian Bureau of Agricultural and Research Economics and Sciences
- ▶ State and Territory government departments with environment or energy responsibilities
- ▶ academic and research organisations, environmental groups, businesses and individuals.
- ▶ Use of environment statistics is varied and includes the formulation of policies, economic analysis, research and forecasting as well as meeting international reporting obligations.

### Outputs

The main outputs of the program are:

- ▶ the development and production of regular sets of environmental economic accounts in energy, water and waste implemented according to the System of Integrated Environmental and Economic Accounting . These accounts encompass availability, use and management of natural resources and economic activity as well as the links among these
- ▶ development of content to underpin the production of environmental economic accounts, such as *2009–10 Waste Management Industry* (ABS cat. no. 8698.0); and *2011–12 Energy, Water and Environmental Management* (ABS cat. no. 4660.0) – due for release in 2013
- ▶ working with federal , state and territory, and international agencies in the development of environment related statistical classifications, standards and conceptual frameworks
- ▶ production of biennial information on natural resource management practices at the regional level in *Land Management and Farming in Australia* (ABS cat. no. 4627.0)
- ▶ household behaviour and practice statistics relating to environmental issues such as *Environmental Issues: Energy Use and Conservation 2011* (ABS cat. no. 4602.0.55.001) and development of *Environmental Views and Behaviour 2011–12 – Attitudes to the Environment*
- ▶ other outputs combining environmental, social and economic data with spatial location information such as *Land Account: Great Barrier Reef Region, Experimental Estimates, 2011* (ABS cat. no. 4609.0.55.001).

### Developments

The main medium-term developments in the program are to:

- ▶ publish a 2009–10 Waste Management Industry Survey – due June 2011
- ▶ engage in the development of a new international statistical framework for the System of Integrated Environmental-Economic Accounts – due Feb 2012
- ▶ collect information on participation in biodiversity conservation activities through the 2011–12 Multi Purpose Household Survey and release outputs – due 2013
- ▶ expand existing environmental accounts to increase the frequency of production and depth of detail – ongoing
- ▶ pilot the production of new environmental accounts, including land, environmental expenditure and environment industry accounts – ongoing.

# Energy

## Program Manager

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	0.1
Full Costs	0.3
% of total costs	0.1%
Staff Usage	
3 Staff Years	

Direct Costs	\$m
2011–12	0.5
2012–13	0.5
2013–14	0.5
2014–15	0.5

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Topics @ a Glance select  
Environment and Energy

## Objectives

The Energy Program supports the integration of information about energy resources, such as supply and use, with a particular emphasis on highlighting the relationships between energy, the economy and society.

The program actively engages with partners to coordinate energy information needs and the development of energy statistics.

Clients of the program include:

- ▶ Australian Government Departments of: Resources, Energy and Tourism; Sustainability, Environment, Water, Population and Communities; Climate Change and Energy Efficiency; and the Treasury
- ▶ State and Territory government departments with energy responsibilities
- ▶ academic and research organisations, businesses and individuals.
- ▶ Use of energy statistics is varied and includes the formulation of policies, economic analysis, research and forecasting as well as meeting international reporting obligations.

## Outputs

Program outputs are focused around products that highlight the relationships between energy supply and use, and the economy and society, and engaging in statistical developments, such as

- ▶ *Energy Account, Australia* (ABS cat. no. 4604.0)
- ▶ *Energy, Water and Environmental Management* (ABS cat. no. 4660.0)
- ▶ three yearly household behaviour and practice statistics relating to energy in *Environmental Issues: Energy Use and Conservation* (ABS Cat. no. 4602.0.55.001)
- ▶ contribution to the development of international standards and frameworks for energy statistics, through contributing to the compilation of an energy statistics compilers manual.

## Developments

The main medium-term developments in the program are to:

- ▶ produce annual energy accounts incorporating expanded information on energy prices and data collected via the National Greenhouse and Energy Reporting System – due March 2012
- ▶ engage with other National Statistical Offices through the United Nations Statistical Commission to support harmonisation of standards and develop statistical resources – ongoing
- ▶ implement actions to develop and improve Australia's energy statistics in collaboration with key energy statistics stakeholders – ongoing
- ▶ investigate the development of statistics related to household energy consumption – ongoing.

# Water

## Program Manager

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	0.2
Full Costs	0.4
% of total costs	0.1%
Staff Usage	
4 Staff Years	

Direct Costs	\$m
2011–12	0.6
2012–13	0.6
2013–14	0.7
2014–15	0.6

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Topics @ a Glance select  
Environment and Energy

## Objectives

The Water Program supports the integration of information about water resources, such as availability and use, with a particular emphasis on highlighting the relationships between water, society and the economy.

The program actively engages with partners to coordinate water information needs and the development of water statistics.

Clients of the program include:

- ▶ Australian government departments and agencies: the Department of Sustainability, Environment, Water, Population and Communities; Australian Bureau of Agricultural and Resource Economics and Sciences; National Water Commission; Murray Darling Basin Authority and Bureau of Meteorology (BoM)
- ▶ State and Territory government departments with water responsibilities
- ▶ academic and research organisations, businesses and individuals.
- ▶ Use of water statistics is varied and includes the formulation of policies, economic analysis, research and forecasting as well as meeting international reporting obligations.

## Outputs

Program outputs are focused around products that highlight the relationships between water resources, the economy and society, and engaging in statistical developments, such as

- ▶ the annual *Water Account, Australia* (ABS cat. no. 4610.0)
- ▶ agricultural water use and management information in *Water Use on Australian Farms* (ABS cat. no. 4618.0) and *Experimental Estimates of the Gross Value of Irrigated Agricultural Production* (ABS cat. no. 4610.0.55.008)
- ▶ three yearly household behaviour and practice statistics relating to water in *Environmental Issues: Water Use and Conservation* (ABS cat. no. 4602.0.55.003)
- ▶ contribution to the development of international standards and frameworks for water statistics, such as the International Recommendations for Water Statistics and the System of Integrated Environmental Economic Accounts for Water.

## Developments

The main medium-term developments in the program are to:

- ▶ develop and release *Water Account, Australia, 2009–10* (ABS cat. no. 4610.0) – due for publication in December 2011
- ▶ investigate the feasibility of producing more regional water use outputs, based on the water account – due May 2012
- ▶ engage in water information development initiatives, particularly the development of the BoM National Water Account, and coordination and consolidation of water information collected by Australian, State and Territory government agencies – ongoing.

# Demography

## Program Manager

Paul Mahoney  
A/g Assistant Statistician  
Labour and Demography  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	3.3
Full Costs	7.3
% of total costs	1.7%
Staff Usage	
31 Staff Years	

Direct Costs	\$m
2011–12	3.1
2012–13	3.1
2013–14	3.3
2014–15	3.1

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select People, then  
Demography

## Objectives

The key objective of the Demography Program is to produce estimates of the recent and projected population; and analysis of the components of population change and related demographic trends. These data are provided at the national, state, territory, and regional level.

These statistics are produced to:

- ▶ meet a range of legislative requirements that make reference to population estimates
- ▶ assist in the formulation and monitoring of government policies, and in the planning and administration of government programs
- ▶ enable planning and market analyses by businesses and community organisations
- ▶ enable research and analyses by governments, businesses, academic institutions and others into the causes and consequences of population change.

Reflecting the use of population estimates for electoral and funding purposes, the main clients of the program are: Australian and State Electoral Commissions; Australian, State and Territory Treasuries; and Commonwealth, State and Northern Territory Grants Commissions. Within the ABS, demographic estimates and projections are the basis for population survey benchmarks. Other clients include agencies concerned with issues associated with migration and multicultural affairs, local area planning, health, education, the Indigenous population, family and community services, the environment and international tourism.

## Outputs

The program's key output is quarterly national, state and territory population estimates published in *Australian Demographic Statistics* (ABS cat. no. 3101.0). The program produces estimates of the total population by age, sex, country of birth and geographical distribution; estimates of the Aboriginal and Torres Strait Islander population; and estimates of families and households.

Regular statistics are also produced on births, fertility rates, deaths, life expectancy, mortality rates, international migration as well as interstate and internal migration. Projections of population, families and households according to specified demographic assumptions are published on a regular basis. Population benchmarks are provided for use in ABS and other population surveys. Regular statistics based on the movements of overseas arrivals and departures are also produced.

In addition to producing demographic statistics, training courses on understanding demographic data are conducted, papers relating to methods are produced and an electronic newsletter is issued.

Major publications include:

- ▶ *Migration, Australia* (ABS cat. no. 3412.0)
- ▶ *Regional Population Growth, Australia* (ABS cat. no. 3218.0)
- ▶ *Population Projections, Australia* (ABS cat. no. 3222.0)
- ▶ *Household and Family Projections, Australia* (ABS cat. no. 3236.0)
- ▶ *Experimental Estimates and Projections, Aboriginal and Torres Strait Islander Australians* (ABS cat. no. 3238.0).

In addition, an extensive range of historical data is available on the ABS website in *Australian Historical Population Statistics* (ABS cat. no. 3105.0.65.001)

## Developments

The main medium-term developments in the program are to:

- ▶ prepare experimental methods for estimating regional internal migration using administrative data sources for periods between Censuses – due July 2011
- ▶ undertake 2011 Post Enumeration Survey (PES) following the 2011 Census of Population and Housing – survey enumeration due September 2011
- ▶ review and report on improvements to methods for compiling the suite of updated population estimates based on the results of the 2011 Census of Population and Housing and PES – due March 2012
- ▶ publish results from 2011 PES – due June 2012
- ▶ implement the new Australian Statistical Geography Standard (ASGS) for sub-state estimates – due June 2012
- ▶ investigate methods and develop systems to enhance data quality to implement additional improvements to preliminary estimation of net overseas migration – progressive to June 2013
- ▶ consolidate an enhanced method for estimating Indigenous mortality using the 2011 Census of Population and Housing data as a key input to Indigenous demographic statistics – progressive releases to April 2014.

# Labour

## Program Manager

Paul Mahoney  
A/g Assistant Statistician  
Labour and Demography  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	8.9
Full Costs	49.8
% of total costs	11.6%
Staff Usage	
88 Staff Years	

Direct Costs	\$m
2011–12	7.6
2012–13	7.2
2013–14	7.2
2014–15	7.1

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select People, then Labour.

## Objectives

The key objectives for the Labour Program are to address labour statistics priorities and be responsive to user needs by producing high quality labour statistics in a timely, efficient and effective manner. The program provides information about the structure and performance of the labour market, including statistics on labour supply (such as labour force participation, employment, hours worked, unemployment and labour underutilisation); labour demand (jobs and job vacancies) employment conditions and working arrangements; employee earnings and labour costs; and workplace relations.

Labour statistics are used extensively in the analysis, evaluation, and monitoring of the economy; the labour market; a wide range of government policies and programs (such as those relating to employment, income support, workplace relations); and population groups of particular concern (such as women, younger persons, older persons, Indigenous people and children living in jobless households). Statistics on labour costs are also used in compiling the Australian National Accounts.

The main clients of the program are Australian government agencies (including the Treasury, the Reserve Bank of Australia, Fair Work Australia, the Productivity Commission, the Commonwealth Grants Commission and the Departments of: Education, Employment and Workplace Relations; and Families, Housing, Community Services and Indigenous Affairs), State and Territory government agencies, industry associations, trade unions and academic researchers.

## Outputs

Statistics on labour force participation, employment, unemployment and hours worked are published monthly in *Labour Force, Australia* (ABS cat. no. 6202.0). More detailed labour force information is released on the ABS website either monthly or quarterly. Broad measures of labour underutilisation are updated quarterly. Statistics on particular aspects of the Australian labour market, including earnings, working arrangements, forms of employment, trade union membership, labour mobility, underemployment, job search experience, independent contracting, labour hire, retirement, barriers and incentives to labour force participation, and marginal attachment to the labour force, are published periodically.

The program produces regular statistics on earnings and labour costs. Statistics on average weekly earnings of employees are published quarterly in *Average Weekly Earnings, Australia* (ABS cat. no. 6302.0). Distributional data on employee earnings and hours, data on occupational earnings, and data on award and agreement coverage are available every two years in *Employee Earnings and Hours, Australia* (ABS cat. no. 6306.0). Data on details of major labour costs are also available. Information on the number of employees and total employee earnings for the public sector are available annually.

Statistics on job vacancies are published quarterly in *Job Vacancies, Australia* (ABS cat. no. 6354.0). Data on industrial disputes are also published quarterly in *Industrial Disputes, Australia* (ABS cat. no. 6321.0.55.001).

The quarterly publication *Australian Labour Market Statistics* (ABS cat. no. 6105.0) brings together key indicators of the labour market from the range of ABS labour statistics; and provides information on news and developments in ABS labour statistics and includes feature articles on current labour market issues.

## Developments

The main medium-term developments in the program are to:

- ▶ undertake a review of the labour household survey program – due July 2011
- ▶ produce new analytical measures of average weekly earnings resulting from the revised conceptual framework for statistics of employee remuneration – due August 2011
- ▶ review the Labour Force Survey output strategy – due September 2011
- ▶ undertake a feasibility study into the development of a longitudinal Labour Force Survey dataset – release of microdata if feasible by December 2011
- ▶ implement collection, quality assurance and output efficiencies into the labour employer surveys program – ongoing.

# Economic Analysis and Reporting

## Program Manager

Bill Allen  
A/g Assistant Statistician  
Economic Analysis and  
Reporting Branch

## Resources

2010–11	\$m
Direct Costs	2.1
Full Costs	3.4
% of total costs	0.8%
Staff Usage	
16 Staff Years	

Direct Costs	\$m
2011–12	1.8
2012–13	1.9
2013–14	1.7
2014–15	1.8

## References

*The ABS Submission to the Parliamentary Productivity Inquiry* <http://www.aph.gov.au/house/committee/economics/Productivity/subs.htm>

Select submission 16  
*Australian Bureau of Statistics* and supplementary submission 16.1  
*Australian Bureau of Statistics*.

*Australian Economic Indicators* (ABS cat. no. 1350.0)

*Experimental Estimates of Industry Multifactor Productivity* (ABS cat. nos. 5260.0.55.001; and 5260.0.55.002)

*Measuring Economic Returns to Post-school Education in Australia* (ABS cat. no. 1351.0.55.032)

*Measuring Human Capital Flows for Australia: A Lifetime Labour Income Approach* (ABS cat. no. 1351.0.55.023)

*Measuring Option Values and the Economic Benefits of Completing Secondary Education* (ABS cat. no. 1352.0.55.082)

*Measuring the Stock of Human Capital for Australia* (ABS cat. no. 1351.0.55.001)

*Non-Profit Institutions – A Draft Information Development Plan* (ABS cat. no. 5256.0.55.001)

*Outcome of the 16th Series Australian Consumer Price Index Review* (ABS cat. no. 6469.0)

*Population Ageing and Accumulation of Human Capital in Australia* (ABS cat. no. 1351.0.55.022)

## Objectives

The Economic Analysis and Reporting (EAR) Program encompasses macro-economic statistics research, economic analysis and reporting, economic integration and business register functions. This consolidated set of functions is designed to improve the ABS's capability to produce high quality macro-economic statistics in the longer term, while addressing emerging priorities in the short term. Analytical activities in the program range from research projects to improve the accuracy of existing economic statistics and develop new statistical products, through to operational efforts to increase the efficiency of statistical operations.

The program compiles and publishes aggregate market sector and industry level multifactor productivity (MFP) statistics; and conducts research into the measurement and interpretation of those MFP estimates.

The program also manages and coordinates research into macro-economic accounts and indicators, ensuring cohesion and relevance of prices, national accounts, balance of payments, financial sector, government finance and productivity statistics.

## Outputs

Regular publications of the program include:

- ▶ annual productivity statistics presented in *Australian System of National Accounts* (ABS cat. no. 5204.0)
- ▶ *Experimental Estimates of Industry Multifactor Productivity* (ABS cat. no. 5260.0.55.002), an annual release that presents a range of productivity estimates at the industry level
- ▶ *Australian Economic Indicators* (ABS cat. no. 1350.0), a monthly compendium that is a convenient and comprehensive source of economic time series, including historical data. It also contains feature articles on the analysis and interpretation of data.

Additionally, the program produces research or information papers on the following areas:

- ▶ productivity measurement
- ▶ economic analysis using the Business Longitudinal Database and other microdata sets
- ▶ human capital measurement
- ▶ periodic reviews and standards upgrades for macro-economic statistics.

## Developments

The main medium-term developments in the program are to improve productivity estimates by:

- ▶ reviewing the existing methodology and assumptions for the measurement of capital services and quality-adjusted labour inputs in productivity measurement, to align with international best practice – current projects due mid-2011
- ▶ conducting a feasibility study for compiling MFP statistics for education and health sectors – report due mid-2011
- ▶ addressing MFP measurement challenges for the new services industries recently included in the expanded market sector – ongoing with first wave of analysis due mid-2011
- ▶ constructing annual human capital account in participation of the OECD Human Capital Measurement Program – ongoing
- ▶ undertaking research to develop measures of productivity for hard-to-measure industries – ongoing
- ▶ explore suitability of administrative data in compiling official economic statistics commencing with an assessment of scanner data – due mid-2011
- ▶ assist Pacific island countries with their participation in the 2011 International (Price) Comparison Program – due mid-2012
- ▶ provide infrastructure and inputs to web-enabled and up-to-date Concepts, Sources and Methods documentation for macro-economic statistics – due end 2012.
- ▶ undertake research into quality improvements to macro-economic and financial statistics arising from various reviews – ongoing
- ▶ coordinate activities of the Friends of the Chair of the United Nations Statistical Commission group on improved implementation of the System of National Accounts – ongoing.

# Rural and Regional Statistics

## Program Manager

Mike McGrath  
Regional Director  
South Australia

## Resources

2010–11	\$m
Direct Costs	0.8
Full Costs	1.9
% of total costs	0.4%

Staff Usage  
9 Staff Years

Direct Costs	\$m
2011–12	1.2
2012–13	1.3
2013–14	1.3
2014–15	1.3

## References

*Topics @ a Glance page*

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance,  
select Regional

Under Regional Statistics  
select Regional Profiles or  
Regional Releases

## Other references

*Information Paper: Regional  
Research in Australia – the  
Statistical Dimension: an  
Information Development  
Plan for Rural and Regional  
Statistics*  
(ABS cat. no. 1362.0)

*National Regional Profile*  
(ABS cat. no. 1379.0.55.001)

## Objectives

The Rural and Regional Statistics Program aims to improve the availability of regional data. Regional data may include data relating to regions in cities and other urban areas, or in rural or remote areas. Activities undertaken under the program include improving access to, and dissemination of, ABS data and data from other sources, and developing new indicators where feasible.

Over the next four years, a particular focus of this program will be on improving access to geospatial data and supporting users in the transition to the new ABS standard geography (Australian Statistical Geography Standard – ASGS). Ongoing focus will also be on utilising administrative data maintained by Australian, State and Territory government agencies, where data have a location identifier with the potential to be used in presenting data geographically.

The activities of the Rural and Regional Statistics Program are undertaken by the Rural and Regional Statistics National Centre. The program provides leadership across the National Statistical Service. It coordinates, produces and disseminates statistics that will assist policy analysts and researchers understand change in regions across Australia; meet the regional policy priority needs of Australian government agencies; and meet the needs of other researchers and policy analysts interested in comparative assessment between regions in different states and territories.

## Outputs

The main outputs of the program are:

- ▶ statistical leadership to improve the access to, availability and quality of regional statistics
- ▶ the *National Regional Profile* (ABS cat. no. 1379.0.55.001), a web-based suite of statistics for regions, including local government areas and other areas (currently in the main structure of *Australian Standard Geographical Classification* – (ABS cat. no. 1216.0)), containing data spanning five years and updated at least annually
- ▶ experimental estimates and indicators from administrative data, such as the Australian Taxation Office personal and business income tax data, and data on customers of Centrelink and other agencies
- ▶ *Perspectives on Regional Australia* (ABS cat. nos: 1380.0.55.001, 1380.0.55.002, and subsequent), a series of publications analysing, at varying geographic levels, a range of topics with a particular focus on regions in Australia
- ▶ account management of the local government sector with regard to its small area information needs.

## Developments

The main medium-term developments in the program are to:

- ▶ maintain an awareness of emerging priority data needs for regional statistics via engagement with key data users – ongoing
- ▶ build extensive collaborative working arrangements with stakeholders in the regional statistics field – ongoing
- ▶ improve the dissemination of information about regional data access and availability through a Regional Statistics newsletter, the Regional Topics @ a Glance page on the ABS website, and other appropriate avenues, such as through client networks, conferences, seminars and workshops – ongoing
- ▶ lead the implementation of a strategy to improve statistical and technological infrastructure to better enable the dissemination of ABS geospatial statistics – ongoing
- ▶ engage with key custodians of regional data outside the ABS and support the provision of accessible geospatial data and quality regional statistics in accordance with ABS goals to foster a National Statistical Service. In particular, ensure that key providers of regional statistics are supported in the implementation of the new ABS Australian Statistical Geography Standard (ASGS) – ongoing.

# Census of Population and Housing

## Program Manager

Paul Lowe  
Assistant Statistician  
Population Census Branch

## Resources

2010–11	\$m
Direct Costs	84.7
Full Costs	131.3
% of total costs	30.5%
Staff Usage	
317 Staff Years	

Direct Costs	\$m
2011–12	249.3
2012–13	24.5
2013–14	21.8
2014–15	35.8

## References

A wide range of reference and product information, and selected census data, are available from the ABS **website** at [www.abs.gov.au/census](http://www.abs.gov.au/census)

## Objectives

The Census program conducts a five-yearly Census of Population and Housing. The program aims to accurately and efficiently measure the number and key characteristics of people in Australia on Census night. This provides a reliable basis to estimate the population of each State, Territory and local government area, primarily for electoral purposes (including determining the number of seats allocated to each State and Territory in the House of Representatives) and for distribution of government funds (Goods and Services Tax revenue) to each State and Territory.

The Census of Population and Housing is the only source of detailed statistics of the numbers and characteristics of the population and its housing within small geographic areas and for small population groups, covering the whole of Australia. This information supports the planning, administration, policy development and evaluation activities of government, business and others.

## Outputs

### Online Products

- ▶ Census of Population and Housing data can be accessed via a range of online tools found on the ABS website. These include products such as QuickStats and Community Profiles in which Census data are displayed based upon selected location and topic of interest, and can be viewed in different formats including thematic maps or tables.
- ▶ TableBuilder Basic: users can create their own tables on a range of topics such as age, education, housing, income, transport, religion, ethnicity, occupation and more. All Census geographies are available.
- ▶ Table Builder PRO: users can construct their own tables via an interactive web interface, using a database containing the Census Output Record File. A range of person, family and dwelling classifications is available for users to analyse and output can be made available in tabular, graphical or map based format.

### Other Products

- ▶ The Census sample files are comprehensive 1% (Basic) and 5% (Expanded) Confidentialised Unit Record Files. These files contain Census characteristics for a random sample of respondents on a person, family, household and dwelling basis.
- ▶ Census data packs containing Census of Population and Housing data, down to Collection District level, and digital boundaries in generic format. These will be available for download from the ABS Website.
- ▶ Socio-economic Indexes for Areas, contains indexes to allow ranking of regions/areas, providing a method of determining the level of social and economic well-being of that region.

### Customised Data Services

Where users' specialised information needs cannot be met by standard products, customised data services are available through ABS Information Consultancy.

## Developments

The main medium-term developments in the program are to:

- ▶ commencement of field operations for 2011 Census – 28 July 2011
- ▶ 2011 Census night – 9 August 2011
- ▶ completion of 2011 Census field operations – September 2011
- ▶ completion of Census data processing – due June 2012
- ▶ first release of results from the 2011 Census – due June 2012
- ▶ second release of results from the 2011 Census – due September 2012
- ▶ commencement of public consultation on content of 2016 Census – due September quarter 2012
- ▶ establish strategic directions for 2016 Census – due December 2012.

## Health and Disability

### Program Manager

Dr Paul Jelfs  
Assistant Statistician  
Health Information Branch

### Resources

2010–11	\$m
Direct Costs	9.8
Full Costs	15.1
% of total costs	3.5%
Staff Usage	
71 Staff Years	

Direct Costs	\$m
2011–12	14.3
2012–13	7.0
2013–14	4.9
2014–15	4.0

### References

*Topics @ a Glance* page

[www.abs.gov.au](http://www.abs.gov.au)

Under *Topics @ a Glance* select People, then Ageing and Carers, Health or Disability

### Objectives

The Health and Disability Program provides information about aspects of the health of Australia's population, and about health related services. This includes statistics relating to health status, disability, risk factors and impacts on sub-groups within the population.

Statistics on health and disability describe an important aspect of wellbeing, which can impact on people's capacity to participate in the labour force, and more broadly in the community. Changes in the levels of health measures, such as health conditions, risk factors, and disability, can inform both the development of interventions for prevention and care, and the need for related services over time. These statistics support the policy development, program delivery and evaluation of key government and non-government agencies involved in health, community and family services. They provide information on the impacts of programs and service provision, and can be used to assess areas of unmet need. They are heavily used in research related to health and community issues.

The main clients of the program are Australian government agencies (including the Departments of: Health and Ageing; and Families, Housing, Community Services and Indigenous Affairs; as well as Centrelink; the Australian Institute of Health and Welfare; and the Australian Institute of Family Studies), State and Territory government agencies, academic and research institutions, and social welfare organisations including those providing health and community services.

### Outputs

Outputs of the program include:

- ▶ publications and analytical articles that draw from a range of social surveys in the areas of health, disability and carers. Statistical outputs are also available as special tabulations, and through access to Confidentialised Unit Record Files (CURF) either on CD-ROM or via the ABS Remote Access Data Laboratory (RADL).
- ▶ information on the health status of the population and associated risk factors, presented via the ABS website in a range of published outputs which focus on particular conditions, risk factors or population groups
- ▶ information on the nature and extent of disability and associated needs for care and support, as well as the impacts on carers, available in a range of published outputs
- ▶ results from Patient Experience surveys, published in *Health Services: Patient Experiences in Australia*, (ABS. cat. no. 4839.0), and through accessing CURF via the ABS RADL
- ▶ advice and data supply for the COAG National Healthcare and Disability Agreements, and annual Report on Government Services
- ▶ advice and contributions to key government advisory groups on health and disability information
- ▶ annual reports on the apparent consumption of alcohol for Australia.

### Developments

The main medium-term developments in the program are to:

- ▶ analyse the results from the 2010–11 Patient Experience Survey – results due November 2011
- ▶ analyse the results from the 2009 Survey of Disability, Ageing and Carers – from April 2011
- ▶ undertake long-term planning for the next rounds of the Australian Health Survey – during 2011–12
- ▶ undertake the Australian Health Survey general population wave – enumeration from March 2011 to February 2012
- ▶ develop the 2012–13 Patient Experience survey – due March 2012
- ▶ analyse initial results from the Australian Health Survey, general population wave – from October 2012
- ▶ develop and undertake the Aboriginal and Torres Strait Islander Australian Health Survey – enumeration from February 2012 to March 2013
- ▶ support the development of performance indicators for the National Health Reform Performance Framework and the National Health Prevention Agency – ongoing.

# Education and Training

## Program Manager

Justine Boland  
A/g Assistant Statistician  
Indigenous, Education and  
Culture Statistics Branch

## Resources

2010–11	\$m
Direct Costs	6.1
Full Costs	10.0
% of total costs	2.3%
Staff Usage	
54 Staff Years	

Direct Costs	\$m
2011–12	6.4
2012–13	5.1
2013–14	5.1
2014–15	4.2

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select People, then  
Education and Training

## Objectives

The Education and Training Program covers the activities of the National Centre for Education and Training Statistics (NCETS), which includes the development and compilation of statistics from national administrative collections and the conduct of a number of surveys relevant to learning in Australia.

Key elements of the program include the annual National Schools Statistics Collection, the National Early Childhood Education and Care Collection, and regular household surveys related to child care, education, training and work. NCETS is testing the feasibility of an Australian Longitudinal Learning Database – a comprehensive policy and research base of education data across the life course – through a range of data integration studies. In partnership with other government agencies that have responsibility for education and training policies and programs, NCETS promotes greater comparability of information across the various education and training sectors and addresses issues such as standards, collaboration, efficiency and resource use across the sectors.

NCETS is closely involved in supporting information needs of the Council of Australian Governments (COAG). The Centre also plays an important role in conceptual and standards development within the education and training sector. In addition to these activities, the ABS analyses data and provides feedback and advice to stakeholders on relevant topics and emerging issues through its representation on a wide range of committees, and through the release of research papers.

The main clients of the program are: the Ministerial Councils responsible for early childhood development, education, skills and employment; the Australian Government Department of Education, Employment and Workplace Relations; State and Territory government departments responsible for education, training and early childhood development; the National Centre for Vocational Education Research; academic and research institutions; and education providers. NCETS provides the Secretariat for the Strategic Cross-sectoral Data Committee established in 2010 under the then Ministerial Councils in the education and training sectors, to promote data sharing and integration across early childhood education, schooling, vocational education and higher education.

## Outputs

The main outputs of the program are:

- ▶ statistics from the National Schools Statistics Collection and, from 2011, preschool education statistics from the National Early Childhood Education and Care Collection
- ▶ summary publications, Confidentialised Unit Record Files and datacubes released from regular household surveys such as the Survey of Education and Work, the Survey of Education and Training, and the Childhood Education and Care Survey
- ▶ analytical and comparative analysis of data for the indicators relevant to COAG National Agreements
- ▶ a statistical information and dissemination service for education and training statistics; periodic snapshots on thematic issues related to learning in Australia; and the maintenance of an Education and Training Topics @ a Glance page on the ABS website
- ▶ activities aimed at developing and promoting greater comparability of national classifications and standards for education and training statistics
- ▶ statistical leadership, including engaging with clients through committee representation, an ABS network of state liaison officers, and the publication of occasional research papers.

## Developments

The main medium-term developments in the program are to:

- ▶ conduct and publish results from the 2011 Survey of Adult Competencies – due 2012
- ▶ conduct and publish results from the 2011 Childhood Education and Care Survey – due 2012
- ▶ undertake 2011 Census Data Quality Studies designed to test the quality of linkage between Census and administrative data from the education sector – due 2013
- ▶ develop, conduct and publish results from the 2013 Survey of Education and Training – due 2014
- ▶ expand and enhance education and training collections, through a collaborative program of work to link data and create a longitudinal learning database, which will incorporate demographic information with data on early childhood, school, vocational and higher education – ongoing
- ▶ further develop quality indicators of early childhood education – ongoing
- ▶ provide data and analysis to support an improved information base for indicator reporting against the COAG national agreements and national partnerships on early childhood education, school education, and skills and workforce development – ongoing.

# Crime and Justice Statistics

## Program Manager

Lane Masterton  
Regional Director  
Victoria

## Resources

2010–11	\$m
Direct Costs	2.0
Full Costs	4.4
% of total costs	1.0%
Staff Usage	
19 Staff Years	

Direct Costs	\$m
2011–12	2.1
2012–13	2.2
2013–14	2.2
2014–15	2.3

## References

*Topics @ a Glance page*

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select People, then Crime  
and Justice

## Objectives

The Crime and Justice Statistics Program leads national statistical activity aimed at developing and improving information in this field. The program covers the activities of the National Centre for Crime and Justice Statistics comprising three separate user-funded statistical units: the National Crime Statistics Unit; the National Criminal Courts Statistics Unit; and the National Corrective Services Statistics Unit. These units compile and publish national statistics on recorded crime, courts and corrections, and work to improve the quality of these collections in cooperation with statistical practitioners in the jurisdictions. Boards of Management oversee the work of these units. Board members include jurisdictional representatives responsible for police services, courts administration and corrective services.

The program provides support for, and development of, statistics on broader crime and justice statistical issues such as those identified in *Information Paper: National Information Development Plan for Crime and Justice* (ABS cat. no. 4520.0). This publication presents the results of consultation with a wide range of stakeholders, together with agreed priorities and a plan of action for the development of crime and justice information.

The ABS also undertakes a survey program in the field of crime and justice statistics. This includes special purpose surveys aimed at producing rates of victimisation for personal and household crimes, and information on the experience and consequences of crime; as well as more general surveys aimed at understanding the experience of crime within a broader social context.

The main clients of this program are the Australian Government Attorney-General's Department, State and Territory agencies responsible for police services, courts administration and corrective services, and organisations undertaking criminal justice research.

## Outputs

The main outputs of the program are:

- ▶ indicators of the level and nature of recorded crime victimisation in Australia presented annually in *Recorded Crime – Victims, Australia* (ABS cat. no. 4510.0)
- ▶ annual survey-based victimisation information for selected personal and household offences, and information on feelings of personal safety, presented in *Crime Victimisation, Australia* (ABS cat. no. 4530.0)
- ▶ characteristics of alleged offenders who have been proceeded against by police, including offence information, available annually from 2007–08 in *Recorded Crime – Offenders, Australia* (ABS cat. no. 4519.0)
- ▶ characteristics of defendants, including information on their offences and sentences, available annually in *Criminal Courts, Australia* (ABS cat. no. 4513.0) and characteristics of federal defendants available annually in *Federal Defendants, Australia* (ABS cat. no. 4515.0)
- ▶ information from the National Prisoner Census on persons held in adult prisons, including their characteristics, sentence lengths and offences for which they are imprisoned, published annually in *Prisoners in Australia* (ABS cat. no. 4517.0)
- ▶ quarterly *Corrective Services, Australia* (ABS cat. no. 4512.0), which presents information on numbers and rates of persons in custody and those serving community-based corrections orders
- ▶ outputs to promote national standards for crime and justice statistics; recent examples include revised classifications such as the Australian Standard Offence Classification and the National Offence Index, the development of a national crime recording standard for police statistics, and the family and domestic violence conceptual framework.

## Developments

The main medium-term developments in the program are to:

- ▶ produce a Directory of Family Violence Statistical Sources – due late 2011
- ▶ develop a conceptual framework for cybercrime – due 2011–12
- ▶ conduct a feasibility study on sentence quantum as part of the criminal courts collection – due late 2012
- ▶ undertake topic development for the annual crime victimisation survey program – ongoing
- ▶ in collaboration with data providers, improve the range, quality and availability of data collected through administrative systems in police, courts and corrective services sectors with a focus on improving Indigenous identification – ongoing
- ▶ support efforts to improve information on substance use and ethnicity in relation to crime and justice, recidivism, electronic crime and family and domestic violence – ongoing.

# Aboriginal and Torres Strait Islanders

## Program Manager

Justine Boland  
A/g Assistant Statistician  
Indigenous, Education and  
Culture Statistics Branch

## Resources

2010–11	\$m
Direct Costs	4.1
Full Costs	9.2
% of total costs	2.1%
Staff Usage	
35 Staff Years	

Direct Costs	\$m
2011–12	3.7
2012–13	3.9
2013–14	3.9
2014–15	3.0

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select People, then  
Indigenous

## Objectives

The Aboriginal and Torres Strait Islander Statistics Program covers the activities of the National Centre for Aboriginal and Torres Strait Islander Statistics (NCATSIS), the development and conduct of Aboriginal and Torres Strait Islander surveys, and other Indigenous statistics produced by the ABS. NCATSIS has responsibility for leadership and coordination of national statistical activity about Aboriginal and Torres Strait Islander peoples, both across the ABS and more broadly. This includes consultation with Aboriginal and Torres Strait Islander communities and working in collaboration with a range of external agencies to achieve relevant and appropriate information.

NCATSIS undertakes and reports on analyses of data on topics of major social significance. NCATSIS plays a role in data development, and implements an Indigenous Community Engagement Strategy (ICES) to facilitate the return of information to Aboriginal and Torres Strait Islander communities and organisations and maintain dialogue on data collection and use.

The key elements in the program include: the development, conduct and dissemination of results from the six-yearly National Aboriginal and Torres Strait Islander Social Survey (NATSISS) and the six-yearly National Aboriginal and Torres Strait Islander Health Survey (NATSISHS); Indigenous enumeration in the five-yearly Census of Population and Housing; and production of Aboriginal and Torres Strait Islander population estimates and associated life-expectancy estimates following each Census. The main clients of the Aboriginal and Torres Strait Islander Statistics program are government agencies, Aboriginal and Torres Strait Islander communities and organisations, and research institutions.

## Outputs

The main outputs of the program are:

- ▶ products from the Census of Population and Housing, such as *Population Characteristics*, *Aboriginal and Torres Strait Islander Australians* (ABS cat. no. 4713.0)
- ▶ products from surveys such as *National Aboriginal and Torres Strait Islander Health Survey* (ABS cat. no. 4715.0) and *National Aboriginal and Torres Strait Islander Social Survey* (ABS cat. no. 4714.0)
- ▶ reports on statistical research and analysis for a range of audiences (government, Aboriginal and Torres Strait Islander people and their communities, researchers and the general public), including *The Health and Welfare of Australia's Aboriginal and Torres Strait Islander Peoples* (ABS cat. no. 4704.0)
- ▶ statistical leadership to improve Aboriginal and Torres Strait Islander statistics on population, mortality, health, housing, community services, education, employment, and law and justice
- ▶ provision of subject matter expertise to other areas of the ABS conducting data collections, or analysing Aboriginal and Torres Strait Islander data
- ▶ coordinating and promoting improvements in Aboriginal and Torres Strait Islander statistics from administrative collections.

## Developments

The main medium-term developments in the program are to:

- ▶ continue development of the 2012–13 Australian Aboriginal and Torres Strait Islander Health Surveys, comprising the National Aboriginal and Torres Strait Islander Health Survey, the National Aboriginal and Torres Strait Islander Nutrition and Physical Activity Survey, and the National Aboriginal and Torres Strait Islander Health Measures Survey – for enumeration in 2012–13
- ▶ deliver data quality improvements for the Census of Population and Housing and key administrative data sets as agreed in the Council of Australian Governments' National Indigenous Reform Agreement (Schedule F) – ongoing to 2013
- ▶ develop, conduct and disseminate results from the 2014 National Aboriginal and Torres Strait Islander Social Survey – due 2015
- ▶ continue to strengthen the ICES to build stronger relationships with Aboriginal and Torres Strait Islander communities; to increase their statistical capacity and manage provider load on communities – ongoing
- ▶ support work on Aboriginal and Torres Strait Islander statistics in the broader ABS work program including the updating of population estimates, projections and life expectancy following the 2011 Census, and initial work on defining and measuring Aboriginal and Torres Strait Islander business activity – ongoing
- ▶ support clients in accessing and analysing ABS Aboriginal and Torres Strait Islander statistics, including those required for performance monitoring of Council of Australian Governments' reform initiatives, the Report on Government Services, Overcoming Indigenous Disadvantage, and the Aboriginal and Torres Strait Islander Health Performance Framework – ongoing.

## Social Conditions

### Program Manager

Bob McColl  
Assistant Statistician  
Social Conditions Statistics  
Branch

### Resources

2010–11	\$m
Direct Costs	10.2
Full Costs	24.1
% of total costs	5.6%
Staff Usage	
98 Staff Years	

Direct Costs	\$m
2011–12	10.5
2012–13	8.7
2013–14	10.0
2014–15	5.4

### References

*Topics @ a Glance* page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance select People, then: Ageing; Children or Youth; Family and Community Services; Housing; Personal, Family and Household Finances; or Social Capital.

### Objectives

The Social Conditions Program provides statistical leadership and information for a broad picture of the economic and social wellbeing of the Australian population. It provides statistics from surveys of: income, expenditure, wealth, housing, superannuation, families, time use, work and family balance, volunteering, homelessness and social capital; the Census of Population and Housing; the monthly population survey (including topics on families, pregnancy and employment transitions, and child care); and from collections based on registration systems (such as marriages and divorces).

The program supports the Growing up in Australia Study (Longitudinal Study of Australian Children), in partnership with the Department of Families, Housing, Community Services and Indigenous Affairs and the Australian Institute of Family Studies. The program participates in the management of the study and provides: management of the sample; design and development of data collection instruments; testing of field instruments and procedures; data collection; preparation of the data in a format that can be used by researchers; and contribution to technical reports.

The program's statistics are used to support policy development, program delivery and program evaluation of key government agencies involved in social security, taxation, housing, community and family services, and issues related to older people, children, youth, men and women.

### Outputs

The program produces a range of outputs including: frameworks and standards; information development plans; statistics and associated Confidentialised Unit Record Files (CURFs); information/technical papers; guides and analytical articles.

The main outputs of the program are:

- ▶ from the Survey of Income and Housing, and the Household Expenditure Survey: *Household Income and Income Distribution, Australia* (ABS cat. no. 6523.0), *Household Expenditure Survey, Australia: Summary of Results* (ABS cat. no. 6530.0), *Household Wealth and Wealth Distribution, Australia* (ABS cat. no. 6554.0), *Housing Occupancy and Costs, Australia* (ABS cat. no. 4130.0), *Housing Mobility and Conditions, Australia* (ABS cat. no. 4130.0.55.002) and *Government Benefits, Taxes and Household Income* (ABS cat. no. 6537.0)
- ▶ from the Survey of Employment Arrangements, Retirement and Superannuation: *Employment Arrangements, Retirement and Superannuation, Australia* (ABS cat. no. 6361.0)
- ▶ a profile of the socio-economic characteristics of Australia's adult population with data on a range of social dimensions of the community, published in *General Social Survey: Summary Results, Australia* (ABS cat. no. 4159.0)
- ▶ from time use surveys: *How Australians Use Their Time* (ABS cat. no. 4153.0) and *Unpaid Work and the Australian Economy* (ABS cat. no. 5240.0)
- ▶ from monthly population survey components: *Family Characteristics and Transitions, Australia* (ABS cat. no. 4442.0), and *Pregnancy and Employment Transitions, Australia* (ABS cat. no. 4913.0)
- ▶ release of Discussion Paper: *Methodological Review of Counting the Homeless, 2006* (ABS cat. no. 2050.0.55.001).

### Developments

The main medium-term developments in the program are to:

- ▶ publish a framework for the measurement and analysis of low household consumption possibilities – due June 2011
- ▶ publish ABS estimates of the homeless population from the 2001 and 2006 Censuses – due July 2011
- ▶ publish the first issue of *Gender Indicators* (ABS cat. no. 4125.0) – due mid 2011
- ▶ as chair of an OECD expert group, lead and coordinate the development of household wealth standards and guidelines and the development of an integrated framework for household income, consumption and wealth statistics – due late 2012
- ▶ as chair of an international task force, lead and coordinate practical guidance on measurement issues related to time use surveys – due late 2012
- ▶ publish results from: the 2009–10 Surveys of Income and Housing and Household Expenditure (both due September 2011); the 2010 General Social Survey (due September 2011); the Pregnancy and Employment Transitions Survey (due mid 2012); and the 2011–12 Survey of Income and Housing (due mid 2013)
- ▶ publish a framework for statistics on household income, expenditure and wealth – due May 2013.

## Culture and Recreation

### Program Manager

Justine Boland  
A/g Assistant Statistician  
Indigenous, Education and  
Culture Statistics Branch

### Resources

2010–11	\$m
Direct Costs	0.8
Full Costs	0.9
% of total costs	0.2%

Staff Usage  
7 Staff Years

Direct Costs	\$m
2011–12	0.8
2012–13	0.8
2013–14	0.9
2014–15	0.9

### References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select People, then Culture  
and Recreation

### Objectives

The Culture and Recreation Program covers the activities of the ABS National Centre for Culture and Recreation Statistics (NCCRS). NCCRS has responsibility for the leadership and coordination of national statistical activity in the fields of culture, sport and leisure. It also provides expertise within the ABS regarding the collection of relevant data, as well as informing governments and the community about culture, sport and leisure statistics, relevant classifications and standards, and appropriate data analysis.

The main clients of the program are the Department of Prime Minister and Cabinet, other Australian government agencies (including the Australia Council, Screen Australia, and the Australian Sports Commission), the Standing Committee on Recreation and Sport, State and Territory government departments (in both the culture and sport sectors), and industry bodies.

### Outputs

The main outputs of the program are:

- ▶ statistical activities aimed at developing and promoting national standards, frameworks, classifications and definitions for culture and recreation statistics
- ▶ leading the development, coordination and specification of statistical data needs as articulated in the *Arts and Cultural Heritage Information Development Plan* (ABS cat. no. 4915.0.55.002); ongoing liaison with data users regarding their needs; and advice on client research projects
- ▶ a statistical information and dissemination service for culture, sport and leisure data, including the provision of publications and reports using data from ABS collections; a Culture and Recreation Topics @ a Glance page on the ABS website; and production of a regular newsletter
- ▶ a statistical service responsible for developing data collections, analysing data and releasing data on: government funding for cultural activities; children's participation in cultural and leisure activities; participation in sport and physical recreation; attendance at culture and sport venues; cultural participation; and involvement in organised sport and physical activities
- ▶ compendium publications on arts and culture and on sport and physical recreation that provide statistical summaries of available data
- ▶ the provision of advice to clients, including inter-agency statistical working groups involved in the culture and sport sectors.

### Developments

The main medium-term developments in the program are to:

- ▶ liaise with external researchers in the field and key clients to meet research needs as articulated in the *Arts and Cultural Heritage Information Development Plan* (ABS cat. no. 4915.0.55.002) – ongoing
- ▶ review data needs for sport and physical recreation data, paying particular attention to the collection of high priority sport participation and exercise data. Utilise the discussion paper *Defining Sport and Exercise, a Conceptual Model* (ABS cat. no. 4149.0) as the basis for development of future collections – ongoing
- ▶ continue to analyse culture and sport data from various ABS household surveys, including: the General Social Survey; Children's Participation in Culture and Leisure Activities; Cultural Participation; and Participation in Sports and Physical Recreation – ongoing
- ▶ conduct a biennial Participation in Sport and Physical Recreation survey from 2011–12 with support from the Australian Sports Commission and the Standing Committee on Recreation and Sport – ongoing
- ▶ increase standardisation of culture and sport statistical sources by leading the development of relevant standards – ongoing
- ▶ explore options to improve the range and quality of administrative data available to the sector – ongoing
- ▶ improve the dissemination of information through the Topics @ a Glance page on the ABS website, and other appropriate avenues, such as through client networks, conferences, seminars and workshops – ongoing.

# Social and Progress Reporting

## Program Manager

Gemma Van Halderen  
Assistant Statistician  
Social Data Integration and  
Analysis Branch

## Resources

2010–11	\$m
Direct Costs	6.0
Full Costs	9.5
% of total costs	2.2
Staff Usage	
53 Staff Years	

Direct Costs	\$m
2011–12	5.5
2012–13	6.0
2013–14	6.5
2014–15	6.8

## References

*Australian Social Trends*  
(ABS cat. no. 4102.0)

*Measures of Australia's  
Progress*  
(ABS cat. no. 1370.0)

## Objectives

The Social and Progress Reporting Program informs government and the community about wellbeing and progress in Australia. It draws together data and analysis both from within the ABS and from a range of other sources, and produces reports covering a wide range of social and other issues. The reports include analysis of current circumstances, how circumstances have changed over time, how different groups of people have been affected, and how various factors may have accounted for observed trends. The reports provide information on the well-being of the population, the extent of need and disadvantage in society, contemporary social issues, the interrelationships between economic, social and environmental aspects of life, and whether life in Australia is getting better.

The program is also responsible for providing leadership and coordination relating to the conceptual organisation of social statistics including the overall social statistics framework and related conceptual models. The framework's two primary dimensions, areas of social concern and population groups, are central to ABS social statistics collection and reporting activity.

## Outputs

The main outputs of the program are reports that take a cross-cutting approach and bring together information on the situation of Australians across a range of areas of concern and for a variety of population groups of interest. The reports describe key aspects of Australian life and how these are changing over time.

The key outputs are:

- ▶ *Australian Social Trends* (ABS cat. no. 4102.0), a quarterly flagship publication that contains articles on contemporary social issues and a range of social indicators covering major areas of social concern (such as health, education, work, and family and community)
- ▶ *Measures of Australia's Progress (MAP)* (ABS cat. no. 1370.0), an annual web-based product that presents a national summary of economic, social and environmental progress through indicators, descriptive text and, from 2010, a dashboard display of key indicators to help readers assess, at a glance, whether life in Australia is getting better.

Other outputs include:

- ▶ seminars based on *Australian Social Trends* (ABS cat. no. 4102.0) and *Measures of Australia's Progress* (ABS cat. no. 1370.0), conducted across Australia regularly for key stakeholders
- ▶ analysis of social data sets addressing technical and social issues and contributing to the work program of the ABS's Analytical Community.

## Developments

The main medium-term developments in the program are to:

- ▶ under the guidance of the Measures of Australia's Progress (MAP) Expert Reference Group, undertake a major consultation exercise during 2011 to identify what societal progress means to Australians. The outcomes of this consultation will be released in late 2012, and will contribute to the fourth World Forum on the Progress of Societies to be held in New Delhi, India – due 2012
- ▶ under the guidance of the MAP Expert Reference Group, further develop the conceptual foundation for progress as the basis of the next version of the MAP product and in the context of Australia's high level involvement in the Organisation for Economic Co-operation and Development Global Project on Progress – due 2013
- ▶ continue the quarterly publication of *Australian Social Trends* (ABS cat. no. 4102.0), ensuring that the articles and social indicators reflect current and emerging social concerns and that the delivery of the publication through the web is kept up to date and is engaging for stakeholders – ongoing
- ▶ further strengthen the analytical value of the ABS's rich data holdings through research and development papers and working collaboratively with a range of internal and external stakeholders – ongoing.

# Migrant Statistics

## Program Manager

Justine Boland  
A/g Assistant Statistician  
Indigenous, Education and  
Culture Statistics Branch

## Resources

2010–11	\$m
Direct Costs	0.7
Full Costs	1.4
% of total costs	0.3%
Staff Usage	
6 Staff Years	

Direct Costs	\$m
2011–12	0.7
2012–13	0.7
2013–14	0.8
2014–15	0.8

## References

Topics @ a Glance page

[www.abs.gov.au](http://www.abs.gov.au)

Under Topics @ a Glance  
select People, then Migrant  
& Ethnicity

## Objectives

The Migrant Statistics Program covers the activities of the ABS National Migrant Statistics Unit, which has a focus on temporary and permanent migrant settlement within Australia. The unit provides data relevant to migrant populations, and is involved in the development and compilation of a range of survey and administrative data outputs relevant to migrants. Activities include understanding current and emerging policy issues and debates, and determining what statistics might be appropriate to inform decision making relevant to migrants and diverse ethnic groups. The program also provides expertise within the ABS regarding the collection of relevant data, as well as informing governments and the community about migrant and ethnicity statistics, relevant classifications and standards, and appropriate data analysis.

The major stakeholders of the program are the Department of Immigration and Citizenship, and the various Australian, State and Territory government agencies providing services to migrant and ethnic groups.

## Outputs

The main outputs of the program are:

- ▶ the triennial *Labour Force Statistics and Characteristics of Recent Migrants, Australia* (ABS cat. no. 6250.0)
- ▶ the *Guide to Migrant Statistical Sources* (ABS cat no. 3414.0), which contains information relating to ABS and non-ABS data
- ▶ the *Migrant Data Matrices* (ABS cat. no. 3415.0), which compiles a range of ABS data relevant to migrants in one location.
- ▶ the *Perspectives on Migrants* (ABS cat. no. 3416.0) series, which provides an analysis of data from the ABS and other sources to provide a more comprehensive picture of migrants
- ▶ Migrant and Ethnicity Topics @ a Glance page on the ABS website
- ▶ statistical activities aimed at promoting and developing national standards such as frameworks, classifications and definitions (e.g. *Standards for Statistics on Cultural and Language Diversity* (ABS cat. no. 1289.0))
- ▶ the coordination and specification of statistical data needs through consultation with data users and establishing statistical developments to meet those needs
- ▶ the coordination of ABS activity to ensure that issues relevant to migrants are taken into account in statistical development activities.

## Developments

The main medium-term developments in the program are to:

- ▶ analyse the nature and extent of migrant mobility in the period following initial arrival in Australia – ongoing
- ▶ undertake the ABS 2011 Census Data Enhancement project to link Census data to migrant settlement records, including subsequent quality assessment, analysis and dissemination of data from the project – ongoing
- ▶ explore, assess and utilise the administrative data holdings of the Department of Immigration and Citizenship and undertake collaborative projects focussed on statistical development – ongoing
- ▶ explore, assess and utilise administrative data held within other government agencies for statistical purposes – ongoing
- ▶ explore options for improved integration of ABS and other migrant data to address identified data gaps – ongoing.

# Analytical Services

## Program Manager

Shiji Zhao  
Assistant Statistician  
Analytical Services Branch

## Resources

2010–11	\$m
Direct Costs	7.3
Full Costs	-
% of total costs	-
Staff Usage	
46 Staff Years	
Direct Costs	\$m
2011–12	6.0
2012–13	4.6
2013–14	3.9
2014–15	3.9

## Objectives

The Analytical Services Program develops new analytical products and provides analysis services to producers and users of social and economic data. Its major areas of focus are time series analysis (including seasonal adjustment); the construction and interpretation of socio-economic indexes; the development of data confidentialisation methodology; and general modelling and analysis of data from statistical collections.

By providing new and innovative analytical products, the program contributes to improving ABS' statistical outputs and helps to inform evidence based decision making. Data confidentialisation methods, especially when applied to microdata files, allow researchers outside the ABS to construct analytical outputs of their own choice.

Time series in seasonally adjusted and trend form are an important input to policy formation, decision making and research in government, academia and the private sector. Government users include Australian government economic policy agencies (especially the Treasury and the Reserve Bank of Australia), State Treasuries, the Australian Government, State and Territory Governments, and local government service delivery agencies.

## Outputs

The main outputs of the Analytical Services Program include specialist analytical support for improving existing ABS methodology, and the development of new analytical products for potential dissemination to data users and others in the National Statistical Service. The program develops a range of analytical products including new time series, analytical frameworks, databases and models to measure socio-economic concepts. The program undertakes ongoing methodological development work to improve user access to information in microdata files and tabular outputs while protecting the confidentiality of individual providers.

The outputs of this work are disseminated via a series of *Research Papers* (ABS cat. no. 1351.0). These papers may contain analytical work in preliminary stages, in order to stimulate discussion and feedback. Time series products and analyses appear in many ABS publications on a regular basis.

The program also produces two quarterly publications:

- ▶ the *Modellers' Database* (ABS cat. no. 1364.0.15.003) is used by economists to understand and forecast short and medium-term developments in the Australian macro-economy. It was developed by the Treasury and is maintained jointly by the Treasury and the ABS
- ▶ the *Treasury Model of the Australian Economy – TSP Version* (ABS cat. no. 1364.0.15.001) permits users to run forecasts and to simulate the effects of policy settings.

## Developments

The main medium-term developments in the program are to:

- ▶ apply temporal aggregation to derive seasonally adjusted quarterly estimates from monthly equivalents – due June 2012
- ▶ implement automated business process for estimating and correcting for seasonal breaks – due June 2012.
- ▶ research techniques for improving the seasonal adjustment processes by applying appropriate transformation and automated modelling of time series – due June 2013.
- ▶ investigate methodology for assessing the reliability of performance indicators to support the COAG performance reporting framework – due June 2012
- ▶ construct and analyse socio-economic indexes from the 2011 Census of Population and Housing – due December 2012
- ▶ develop data confidentiality methods, and implement a web-based application, that will enable researchers to remotely access, process and analyse detailed microdata from household surveys – June 2013
- ▶ develop methodology for linkage of multiple datasets and analysis of linked data to support statistical data integration – due December 2013.

# Infrastructure Programs



# Geography

## Program Manager

Adrian Bugg  
Assistant Statistician  
Industry and Environment  
Statistics Branch

## Resources

2010–11	\$m
Direct Costs	2.9
Full Costs	-
% of total costs	-
Staff Usage	-
22 Staff Years	

Direct Costs	\$m
2011–12	2.2
2012–13	2.6
2013–14	2.1
2014–15	0.7

## References

[www.abs.gov.au](http://www.abs.gov.au)  
Select *Methods & Standards*

## Objectives

The Geography Program has the following objectives:

- ▶ to set, maintain and promote statistical geography, mapping and Geographic Information System (GIS) standards for the ABS
- ▶ to improve the ABS's capability in spatial statistics by implementing appropriate GIS and geocoding technology for the collection, production and dissemination of such statistics
- ▶ provide geographic analysis, mapping and geospatial support services for the ABS.

## Outputs

The main external outputs of the program are the production of statistical geography standards and client support in the use of these standards:

- ▶ the *Australian Standard Geographical Classification (ASGC) – Electronic Structures* (ABS cat. no. 1216.0.15.001), the classification manual *Statistical Geography Volume 1 – Australian Standard Geographical Classification (ASGC)* (ABS cat. no. 1216.0), and digital map boundaries.
- ▶ the *Australian Statistical Geography Standard (ASGS) – Volume 1 – Main Structure and Greater Capital City Statistical Area* (ABS cat. no. 1270.0.55.001) and several related publications that will be published over the following years as Census data become available.
- ▶ production of geographic correspondences for relating statistics on one geographic area to another
- ▶ a web portal ([www.abs.gov.au/geography](http://www.abs.gov.au/geography)) that provides information on geographic classifications and supporting information to assist with conversion to the ASGS.

Within the ABS, the program provides advice and support services, including training, to meet mapping, address coding, GIS, geographical classification and spatial data management requirements, including:

- ▶ maintenance of the ABS Master Spatial Database
- ▶ geospatial support for the execution of the Census of Population and Housing
- ▶ development and support of geographical products to support ABS users such as the corporate address coder and interactive spatial coder.

## Developments

The main medium-term developments in the program are to:

- ▶ release *ASGS Volume 2: Indigenous Structure and ASGS Volume 3: Non-ABS Structures*, and engage with internal and external users to promote and support the implementation of the ASGS – July 2011
- ▶ publish the final *Australian Standard Geographic Classification* (ABS cat. no. 1216.0) and associated digital boundaries and correspondences – July and September 2011
- ▶ provide ongoing support for the 2011 Census, including provision of boundary files and geographic correspondences to support time series and delivery of updated address files to assist geocoding, and commence planning work for 2016 Census, including development of an address register – ongoing
- ▶ revise Mesh Blocks to reflect growth and changes to the topographic base mapping – ongoing
- ▶ undertake spatial analysis and mapping projects in conjunction with subject matter areas – ongoing
- ▶ improve address coding systems, based on working with the Public Sector Mapping agencies and state land agencies to improve the Geocoded National Address File and also by supplementing this data with internal address information, such as specialised dwellings – ongoing
- ▶ provide technical leadership in the development of the GIS Infrastructure Strategy – ongoing.

# Data Management and Classifications

## Program Manager

Michael Beahan  
Assistant Statistician  
Data Management and  
Classifications Branch

## Resources

2010–11	\$m
Direct Costs	5.0
Full Costs	-
% of total costs	-
Staff Usage	
35 Staff Years	

Direct Costs	\$m
2011–12	4.6
2012–13	4.4
2013–14	4.6
2014–15	4.2

## References

[www.abs.gov.au](http://www.abs.gov.au)  
Select *Methods & Standards*

## Objectives

The Data Management and Classifications Program provides critical infrastructure support that underpins the ABS mission. The program is responsible for facilitating the comparability, integration, coherence and quality of ABS statistics, through the use of standard concepts, definitions, classifications and procedures. The program aims to mitigate statistical risk, enhance delivery capability, and provide statistical information management leadership to the external statistical community.

The program seeks to achieve this by:

- ▶ setting and reviewing ABS policies and principles for key statistical standards and classifications, and for data and metadata management best practice
- ▶ planning and monitoring developments in the application of the corporate information architecture
- ▶ developing, maintaining and reviewing infrastructure used to hold key definitional metadata (e.g. classifications and standards) and to store statistical data from which ABS outputs are sourced
- ▶ providing leadership and expertise in the development and implementation of statistical and data management standards, practices and procedures within the ABS and National Statistical Service (NSS).

## Outputs

Key outputs from the program cover the following areas:

- ▶ development and maintenance of key national standards on statistical units, concepts, definitions, questions and classifications that underpin population, social, economic and environmental statistics
- ▶ development and maintenance of key infrastructure and processes across ABS collections, including the Information Warehouse and Corporate Metadata Repository
- ▶ data management policies and best practice expertise to internal stakeholders
- ▶ data management and metadata guidelines and expertise for the National Statistical Service
- ▶ policy and technical research on emerging information architecture and related infrastructure issues
- ▶ autocoding facilities and computer assisted coding indexes
- ▶ training and assistance to subject matter areas in the use and/or development of statistical standards and associated tools for their implementation
- ▶ design, develop and implement data and metadata management models, practices and policies for the NSS.

## Developments

The main medium-term developments in the program are to:

- ▶ review the Australian and New Zealand Standard Classification of Occupations (ANZSCO) to ensure that it remains relevant by identifying emerging occupations – due June 2013
- ▶ develop the next generation of coding tools, processes and procedures – due June 2013
- ▶ implement updates to the 2006 Australian and New Zealand Standard Industrial Classification (ANZSIC 06) to ensure that it remains relevant by identifying emerging industries – due December 2013
- ▶ establish standards for exchange of data within the ABS and National Statistical Service as part of the Information Management Transformation Program (IMTP) – due June 2013
- ▶ establish international statistical standards and classifications development and maintenance processes as part of the IMTP – due June 2013
- ▶ promulgate relevant standards for population, social, economic and environmental statistics on the ABS intranet and the ABS website – ongoing
- ▶ undertake pathfinder projects to evaluate the application of the Data Documentation Initiative and Statistical Data and Metadata Exchange standards to the ABS information environment – ongoing
- ▶ contribute to the development of the ABS enterprise architecture by developing information management policies and guidelines – ongoing
- ▶ re-develop, align and integrate key data and metadata management infrastructure with mainstream input processing, output production and data archiving systems as part of the implementation of the IMTP – ongoing.

# Integrated Collection

## Program Manager

Merilyn Henden  
Assistant Statistician  
Integrated Collections Branch

## Resources

2010–11	\$m
Direct Costs	47.2
Full Costs	-
% of total costs	-
Staff Usage	
292 Staff Years	

Direct Costs	\$m
2011–12	67.7
2012–13	49.7
2013–14	50.0
2014–15	39.8

## References

[www.abs.gov.au](http://www.abs.gov.au)

*Information for Survey Participants*

Select Survey Participant Information

*Household/Business Surveys Charter*

Select Survey Participant Information, then ABS Surveys Charter

## Objectives

The Integrated Collection Branch (ICB), established in mid-2007, provides a professional data acquisition service for the ABS across business, household and administrative data collections. In doing so, it supports the ABS corporate mission and objectives by providing a high quality, timely and cost effective service while maintaining the trust and cooperation of providers through:

- ▶ developing and maintaining a skilled and committed home and office-based interviewer workforce
- ▶ developing and adopting the world's best practice in data collection
- ▶ improving and integrating ABS data collection business and systems processes
- ▶ providing support for data collection cost modelling and workforce capacity planning
- ▶ upholding the confidentiality of information provided to the ABS
- ▶ continually improving the processes and instruments to improve the interaction with providers.

## Outputs

The main outputs of ICB are:

- ▶ data collection and capture capability for ABS surveys and administrative sources
- ▶ advice to subject matter areas on data acquisition strategies for the collection of data from both administrative sources and ABS surveys
- ▶ sample management for ABS household surveys
- ▶ an active provider engagement strategy to ensure a continued high level of public trust and provider cooperation
- ▶ ABS survey and administrative data collection systems, procedures and instruments
- ▶ cleansed datasets, including administrative unit record data and ABS survey data.

## Developments

The main medium-term developments in the program are to:

- ▶ provide an internet reporting option for the 2011 Agricultural Census – due June 2011
- ▶ provide an interim internet reporting option for business surveys – due June 2011
- ▶ implement and administer the ABS field Interviewers Certified Agreement – July 2011 and ongoing
- ▶ investigate and implement enhancements arising from the 2010 Household Survey Review – July 2011 and ongoing
- ▶ use technological advancements to modernise field data collection processes – late 2011 and ongoing
- ▶ assess and implement an eCollection strategy for household surveys – July 2012
- ▶ develop and implement a new household survey sampling system based on the new Australian Standard Geographical Classification – 2012
- ▶ implement tailored instruments to better meet provider needs, and improve the efficiency of the capture of data from those forms – ongoing
- ▶ continue to integrate data enhanced collection processes across household and business based collections where effective and according to agreed Corporate directions – ongoing
- ▶ continue to develop and manage an integrated Provider Engagement Strategy to ensure enhanced business and household provider experience and cooperation – ongoing
- ▶ increase the extent of administrative data acquisition undertaken by the ABS including greater use of corporate facilities – ongoing.

# Customer Services

## Program Manager

Merry Branson  
Assistant Statistician  
Customer Services Branch

## Resources

2010–11	\$m
Direct Costs	12.4
Full Costs	-
% of total costs	-
Staff Usage	
110 Staff Years	
<b>Direct Costs</b>	<b>\$m</b>
2011–12	10.4
2012–13	10.6
2013–14	10.0
2014–15	9.8

## Objectives

The Customer Services Program supports the ABS mission by assisting business partners to effectively communicate official statistics through a wide range of high quality information products and services and communication channels.

The program's key objectives are to maximise the informed use of ABS statistics, optimising the mix of dissemination channels, and improving the efficiency and effectiveness of statistical communication. The program seeks to utilise leading edge communication and dissemination technology and aspires to showcase 'best practice' communication of official statistics.

The program provides a range of information solutions for customers – from a telephone referral service, through user-pays consultancies, to supporting the complex needs of clients through improved access to, and use of, microdata. It is responsible for developing a national approach to improving statistical literacy and capability across segments of the Australian population.

The Customer Services Program works with ABS business partners to provide many of the services and processes by which statistical releases are prepared. The program helps business partners produce web content efficiently and effectively and provides the tools, training and processes to help achieve this. In addition, the program ensures that the presentation and usability of ABS products are enhanced by the use of relevant standards developed based on objective research.

## Outputs

The main output of the program is the provision of a range of ABS product and delivery options to customers, which include:

- ▶ the ABS website [www.abs.gov.au](http://www.abs.gov.au) as the primary vehicle for ABS statistical communication
- ▶ electronic publications, dynamic Census data outputs, datacubes and spreadsheets (all published to the ABS website)
- ▶ information consultancies, providing data tailored to customers' needs
- ▶ Confidentialised Unit Record Files (CURFs) available in CD-ROM, via the Remote Access Data Laboratory or ABS Data Laboratory
- ▶ telephone information and referral services
- ▶ outreach and statistical training programs provided across Australia
- ▶ lesson plans for teachers and interactive activities for school students
- ▶ managing all pre-release embargo lockup arrangements.

## Developments

The main medium-term developments in the program are to:

- ▶ assist with the planning and building capability for delivery of 2011 Census of Population and Housing products and services – due 2011–12
- ▶ negotiate a new agreement with Universities Australia to encourage use of ABS statistics by their researchers by facilitating streamlined access to cost-recovered ABS products and services – due 2011–12
- ▶ take a leading role in an international collaborative project to help develop a multi-dimensional publishing facility (OECD.Stat) which will allow users to search and query aggregated ABS statistics. International agencies are collaborating to jointly develop the facility with multi-dimensional publishing capability, consisting of dynamic tables, metadata driven, with an intuitive query interface and web services for machine-to-machine extraction of data – due 2013–14
- ▶ take a leading role in an international collaborative project for shared microdata access infrastructure and increase use of ABS microdata by researchers – ongoing
- ▶ continuously expand ABS' internet presence and content to allow visitors to achieve greater insight into the nature of the information, discover new understanding and engage with experts. Improve the presentation of information through visualisation tools and web services and engage with clients through Web2.0 opportunities which facilitate participatory information sharing – ongoing
- ▶ work towards updating dissemination infrastructure and systems to meet the needs of users in a Web2.0 environment – ongoing
- ▶ increase statistical literacy among the five target groups identified by the ABS (school students, tertiary students, opinion leaders, decision makers and general community) – ongoing
- ▶ capture, understand and report evidence about information consumption needs and behaviours of the Australian community – ongoing.

## Statistical Services

### Program Manager

Mark Zhang  
A/g Assistant Statistician  
Statistical Services Branch

### Resources

2010–11	\$m
Direct Costs	7.1
Full Costs	-
% of total costs	-
Staff Usage	
65 Staff Years	

Direct Costs	\$m
2011–12	7.4
2012–13	7.6
2013–14	5.5
2014–15	5.5

### References

Methodology Advisory  
Committee (MAC) Papers

[www.abs.gov.au](http://www.abs.gov.au)

Select Methods &  
Standards

Statistical and information  
consultancy services

[www.abs.gov.au](http://www.abs.gov.au)

Select Statistics, By  
Catalogue Number, 15.  
Statistical and information  
consultancy services

### Objectives

The Statistical Services Program provides specialist services to meet new and ongoing demands in statistics. Much of the work has the goal of ensuring the methods underlying ABS outputs are based on sound, defensible statistical principles and are cost effective.

The program has specific responsibilities for supporting the statistical collection process. It provides advice on survey design and methods, and on data quality, through all stages of the survey cycle; and undertakes research on statistical methods to improve the efficiency and accuracy of ABS work. The program also provides leadership in developing the future methodological infrastructure of the ABS.

### Outputs

The program's main internal products include specialist support for survey design, estimation and analysis, and practices and standards for design of data collection instruments. The program applies operation research techniques to improve the cost efficiency of ABS collections. It conducts quality reviews of methods and statistical products that contribute to improvements in data quality and to reductions in the load on providers. The program also supports the development of training courses on mathematical, statistical and other methodological issues for all ABS staff.

Externally, in conjunction with Analytical Services, the program produces and publishes a series of *Methodology Advisory Committee Papers* (ABS cat. nos. 1352.0.55.001-1352.0.55.108), which present the results of current research or analysis, often of an experimental nature, to facilitate expert discussion and comment. In addition, guidelines on current best practices of statistical methodology are also produced (ABS cat. no. 1500.0).

### Developments

The main medium term developments in the program are to:

- ▶ redevelop sampling framework for Household Surveys to take advantage of improved sample designs and new geography classification – due June 2012
- ▶ review and improve methodology for coherence between key quarterly and annual economic surveys – due June 2012
- ▶ extend statistical data editing methodologies and promote best editing practices to improve editing quality and productivity – due June 2012
- ▶ improve the methodology for the estimation of Indigenous population – due June 2012
- ▶ utilise operations research techniques to improve household survey interviewer workload allocation efficiency – due June 2012
- ▶ develop methods to improve intensive follow-up procedures and optimise workload allocations for business survey data collection – due June 2012
- ▶ improve survey data collection efficiency by using para-data for more dynamic and adaptive survey data operations – due June 2012
- ▶ review the methodology associated with the population and household estimates based on the 2011 Census of Population and Housing – due December 2012
- ▶ improve the methodology for conduct and processing of Census of Population and Housing, for implementation in the 2016 Census – due June 2013
- ▶ develop new methods to support greater integration and enhanced efficiency of statistical processes – due June 2015
- ▶ develop and implement best practices and standards for collecting survey data by web-forms and other electronic modes – ongoing
- ▶ develop sample and estimation methods for new household surveys and business surveys, and redesign existing collections to improve quality and cost efficiency – ongoing.

## Corporate Services

### Program Managers

Chris Libreri  
Assistant Statistician  
Human Resources Branch

Michael Belcher  
Chief Financial Officer  
Financial Management  
Branch

### Resources

2010–11	\$m
Direct Costs	96.4
Full Costs	-
% of total costs	-
Staff Usage	
243 Staff Years	

Direct Costs	\$m
2011–12	104.8
2012–13	111.4
2013–14	114.4
2014–15	133.1

### Objectives

The Corporate Services Division (CSD) provides leadership and strategic support to assist the ABS in achieving its strategic directions. It does this through partnering with business areas in the ABS by:

- ▶ providing timely, relevant, high quality and best practice corporate services with a customer and business focus to meet the changing needs of internal and external clients
- ▶ engaging and influencing stakeholders to ensure the ABS's interests are considered and accommodated, including in whole of government initiatives
- ▶ positioning the ABS to meet its current and future workforce needs
- ▶ provision of high quality corporate infrastructure, and timely and comprehensive management information
- ▶ leading the ABS in the areas of culture, leadership capability development, and financial and people management.

### Outputs

Outputs for CSD fall into the following categories: services that are delivered to ABS employees and policy advice, framework development and internal consultancy. These are provided through two organisational groups: Financial Management Branch and Human Resources Branch. Each branch operates on a national basis and provides services to all ABS offices. A number of national business lines are delivered from locations other than, or in conjunction with central office. These include Pay and Entitlements, Delegations and Relocations, Management Capability and Development, Accounts Payable and Receivable Services, National Health and Safety, Fleet and Travel, Training and Development and Recruitment Services.

The main outputs of CSD's program are:

- ▶ a full range of integrated and coordinated services to support the Human Resources (HR) life cycle, from recruitment through to retirement
- ▶ leadership, support and guidance (including building capability) to ensure the ABS is maximising individual employees' potential
- ▶ a full range of services to support the physical working environment, including implementing changes associated with the strategic use of property and space management
- ▶ leadership and consultancy on workforce planning, budgeting, business continuity, financial reporting, financial policies and support
- ▶ maintenance and development of corporate support systems and services.

### Developments

The main medium-term developments in the program are to:

- ▶ optimise, upgrade and integrate HR and Financial Systems and associated management information – ongoing to 2012
- ▶ implementation of changed employment arrangements resulting from the new Enterprise Agreements for ABS employees – ongoing
- ▶ embed the new national corporate services delivery model and continue to enhance client service capability and culture – ongoing
- ▶ implement the key 'ABS people plan' strategies (including those related to workforce planning, people and performance management, learning and development, leadership and general capability enhancement and cultural renewal) – ongoing
- ▶ support the business outputs of the ABS by ensuring the ongoing development and maintenance of statistical capability, leadership and business skills in the workforce – ongoing.

# Technology Services

## Program Manager

Jenine Borowik  
First Assistant Statistician  
Technology Services Division

## Resources

2010–11	\$m
Direct Costs	31.4
Full Costs	-
% of total costs	-

Staff Usage  
451 Staff Years

Direct Costs	\$m
2011–12	32.5
2012–13	31.3
2013–14	33.4
2014–15	32.8

## Objectives

The key objectives for the Technology Services Division (TSD) are to:

- ▶ ensure the ABS leverages information technology strategically to support its mission
- ▶ ensure the ABS has effective security policies, practices and procedures
- ▶ represent the ABS and build strategic relationships in the broader Information and Communication Technology (ICT), government and international statistical communities in relation to ICT and Security matters
- ▶ ensure sustainability of ICT investments and services through building and maintaining a highly capable and motivated ICT workforce.

Behind the key objectives of TSD, there are five business drivers:

- ▶ focus on information management that positions the ABS to flexibly respond to a range of future statistical needs in a timely way
- ▶ increased use of the internet as a means to collaborate with others, and to collect and disseminate data and information
- ▶ ensuring our people are productive in the use of their ICT facilities
- ▶ strong leadership in innovation through new approaches and application of ICT to ABS business
- ▶ optimising ICT services through the adoption of frameworks, standards and good practices to improve services, lower unit costs and benchmark well with other agencies

## Outputs

The strategic directions and business drivers shape outputs across three Branches in the Division – Technology Infrastructure Branch, Technology Applications Branch and the Technology Strategy and Planning Branch. These branches support the major processes for statistical and administrative functions of the ABS, and maintain and develop the underlying technology systems and infrastructure. The main outputs of the program are:

- ▶ delivery of services for business and application analysis, design, programming, acquisition and commissioning services to assist in improving ABS business processes
- ▶ provision of reliable, cost effective and secure technology infrastructure, library and knowledge management services
- ▶ development of the ABS ICT Strategy
- ▶ updating the ABS Enterprise Architecture for the next 3-5 years
- ▶ implementing the ABS ICT Workforce Plan to grow capability to meet new business and leverage new technologies.

## Developments

The main medium-term developments in the program are to:

- ▶ provide services through 'one number, one portal' including renewal of the ICT service catalogue – 2011–12
- ▶ increase awareness of strategic management of ICT in the ABS – 2011–12
- ▶ provide ICT services and systems for the 2011 Agricultural Census – 2011–12
- ▶ develop and implement enabling systems for the Australian Health Survey – 2011–12
- ▶ enhance the knowledge management environment with web 2.0 collaborative capabilities – mid 2013
- ▶ improve internal processes and approaches through the adoption of industry standards – 2011–12 to 2012–13
- ▶ deploy the initial ABS.stat production facility and begin integration into existing publishing and dissemination processes and the ABS website – 2012–13
- ▶ update the ABS Enterprise Architecture – 2011–12 to 2012–13
- ▶ undertake a program of security improvements to meet new business requirements and ICT services – 2011–12 to 2012–13
- ▶ strengthen strategic ICT investment practices and refresh and educate the ABS approaches to program and project management – 2011–12 to 2012–13
- ▶ review legacy applications and technologies with a view to simplifying the environment – 2012–13
- ▶ provide a secure solution for the remote execution environment for microdata – 2011–12 to 2013–14
- ▶ design and build tools that enhance statistical areas capability to design, build, analyse and amend composite datasets – 2011–12 to 2013–14
- ▶ develop a Metadata Registry and Repository and Business Process Management system – 2012–13 to 2013–14
- ▶ assist with setting up the replacement human resource system – 2012–13 to 2014–15
- ▶ conduct business analysis and develop the architecture for the prices system improvement project – 2011–12 to 2014–15
- ▶ lead and support ABS innovation initiatives – ongoing
- ▶ provide ICT services and systems for the 2011 Population Census and continued development for dissemination products – ongoing
- ▶ improve productivity of ABS staff through enhanced desktop, video conferencing and mobile capabilities – ongoing.

# State and Territory Statistical Services

## Program Managers

Regional Directors

## Resources

2010–11	\$m
Direct Costs	9.7
Full Costs	20.2
% of total costs	4.7%
Staff Usage	
105 Staff Years	

Direct Costs	\$m
2011–12	9.2
2012–13	9.4
2013–14	9.4
2014–15	9.5

## Objectives

The ABS contributes to the development of well informed policy and decisions in States and Territories through statistical promotion, leadership and representation. This role is set out in ABS legislation and is supported by formal agreements with State and Territory governments. The State and Territory Statistical Services Program (STSS) supports the ABS objective of an expanded and improved National Statistical Service (NSS) within each State and Territory.

STSS seeks to deliver better statistical outcomes for States and Territories through:

- ▶ maintaining strong, collaborative relationships with State and Territory Governments to assist in shaping ABS work program activities, research activities and program reviews
- ▶ providing a timely, relevant, and responsive statistical service that meets high priority State and Territory needs
- ▶ increased availability of good quality state and sub-state data from ABS and non-ABS sources that meets high priority State and Territory statistical needs
- ▶ informed and increased use of state and sub-state data from ABS and non-ABS sources
- ▶ improved data sharing across agencies within each jurisdiction
- ▶ enhanced statistical capabilities of States and Territories.

## Outputs

The main outputs of the STSS project are:

- ▶ ongoing assessment of statistical priorities for each State and Territory as an input to the ABS forward work program development
- ▶ advice and intelligence to ABS national programs on relevant State and Territory statistical needs and issues
- ▶ provision of support for the advancement of NSS objectives in the statistical environments of each State and Territory
- ▶ statistical projects designed to meet high priority needs of State and Territory Governments, including undertaking household surveys on specific topics for individual jurisdictions
- ▶ collaboration with State and Territory Governments to improve the quality, coherence, comparability, and availability of administrative and other data held by State and Territory government agencies
- ▶ statistical consultancy services covering a wide range of services including survey design, statistical analysis, methodological advice and assistance, and a range of statistical training and development activities
- ▶ provision of support to State and Territory demography work programs as required.

## Developments

The main medium-term developments in the program are to:

- ▶ identify and evaluate the demand for, and supply of, statistical data, and in collaboration with ABS programs and State and Territory Governments; and develop strategies to fill high priority gaps with particular emphasis on improving areas directly related to better informing the Council of Australian Governments priorities – ongoing
- ▶ advance statistical work in four priority areas of joint interest to all States and Territories – local level demography, statistics on Indigenous Australians, children and youth statistics and local level economic development – ongoing
- ▶ work with State and Territory Governments to improve the quality and use of administrative datasets – ongoing
- ▶ consult with State and Territory Governments on data integration activities
- ▶ engage with state based stakeholders on the Census of Population and Housing including making informed use of 2011 Census data and shaping strategies for the 2016 Census – ongoing
- ▶ undertake statistical projects, including the development and processing of State and Territory household surveys – ongoing
- ▶ support the implementation of the NSS by providing assistance to State and Territory Governments with a focus on promoting good statistical practices – ongoing.

# Office of the Statistician

## Program Manager

Denise Carlton  
A/g Assistant Statistician  
Office of the Statistician

## Resources

2010–11	\$m
Direct Costs	4.9
Full Costs	-
% of total costs	-
Staff Usage	
32 Staff Years	
<b>Direct Costs</b>	<b>\$m</b>
2011–12	4.8
2012–13	5.2
2013–14	4.3
2014–15	4.4

## Objectives

The Office of the Statistician (OOTS) provides sound independent strategic advice to the Australian Statistician and the ABS Executive, assists with the identification and management of key risks to the ABS, and ensures effective relationships and communication with internal and external strategic stakeholders.

Key objectives of the program are to:

- ▶ review and update legislation and policy, and ensure compliance across ABS operations
- ▶ promote and protect the ABS brand and reputation, in particular with the media and Parliament
- ▶ support the organisational monitoring framework and governance that provides the ABS Executive with the information required to ensure the right plans, initiatives and strategies are in place to meet strategic directions
- ▶ support a strategic approach to international engagement with national statistical organisations
- ▶ ensure the ABS is managing and mitigating against significant risk to the organisation
- ▶ monitor performance and compliance across the ABS by undertaking a comprehensive audit and review program

## Outputs

OOTS provides a range of key corporate outputs that support the Australian Statistician's administrative, statistical and strategic roles. OOTS consists of four organisational sections: Corporate Planning and International Relations; Corporate Communications; Policy and Legislation; and Parliamentary Liaison, Audit and Risk Management.

The main outputs of the OOTS program are:

- ▶ leadership and consultancy to the ABS on policy, legislation, legal compliance (such as Freedom of Information requests and reporting), business and financial planning, risk management, and international relations
- ▶ a high quality communication service for the ABS and the Australian Statistician
- ▶ independent strategic advice to Australian Statistician and the ABS Executive through a range of activities such as the development and reporting of the organisational performance monitoring and risk management frameworks
- ▶ coordination of the ABS's assistance to other countries and the International Engagement program for the ABS
- ▶ governance and secretariat services to senior management and external forums such as the Australian Statistical Advisory Council, ABS Management Meetings and the ABS Audit Committee
- ▶ a sustainable and strategic ABS forward work program, budget and annual report.

## Developments

The main medium-term developments are to:

- ▶ continue reporting the organisations key performance indicators – ongoing
- ▶ update policy and legislation, and provide advice and education to ensure ABS understanding and compliance with legislation – ongoing
- ▶ measure and manage media attribution of ABS business – ongoing
- ▶ manage internal communication strategies with key stakeholders using new media platforms – ongoing
- ▶ the continued development of an audit universe based on risk identification procedures – ongoing
- ▶ continue to implement the ABS International Engagement Strategy, which was updated in 2010 – ongoing
- ▶ implement the AusAID funded Program – Government Partnership Fund II, to provide support to the Indonesian NSO – 2011–13
- ▶ implement the AusAID funded Program – the Pacific Program, to provide support to Pacific Island Countries – 2011–13

# Information Management Transformation Program

## Program Manager

Geoff Lee  
First Assistant Statistician  
Information Management  
Transformation Program

## Objectives

The Information Management Transformation Program (IMTP) was established in 2010. Its strategic objective is to continue to improve the quality, accessibility, timeliness, and coherence of ABS statistical information by standardising business processes and implementing a metadata driven information management framework that encompasses the life-cycle management of data assets.

IMTP is also coordinating an international collaboration initiative that shares expertise and resources to deliver co-designed and co-developed projects that aim to harmonise statistical methods and tools internationally.

Achievement of these objectives will realise benefits from better and broader research capability, improved policy development, better targeting of government service delivery, improved evaluation of government outcomes and a more competitive and innovative Australian economy.

## Outputs

The main outputs of the IMTP will be:

- ▶ reengineered business model and processes to support standardisation, integration and better information management within the ABS
- ▶ an active consolidated Metadata Registry Repository
- ▶ metadata enhanced capture and dissemination application
- ▶ all products required for the adoption of the Data Documentation Initiative (DDI) and the Statistical Data and Metadata Exchange (SDMX) metadata standard within the ABS.

## Developments

The main medium-term developments in the program are to:

- ▶ continue to design the Information Management Framework for whole of ABS adoption
- ▶ continue to develop the Metadata Registry Repository based on the emerging international standards of DDI / SDMX
- ▶ continue to influence the broader adoption of DDI / SDMX standards nationally and internationally
- ▶ integrate core end-to-end information management projects to ensure future metadata capability and standards discipline
- ▶ continue scoping and planning for a major transformation program
- ▶ progress the international collaboration initiative.

# Appendix



## Appendix

### Statistical user groups

The user groups advising the ABS on its forward work program include:

#### National groups

Advisory Committee on Australian and International Disability Data  
Advisory Group on Aboriginal and Torres Strait Islander Statistics  
Agriculture Statistics Forum  
Analytical Community Reference Group  
Australasian Mortality Data Interest Group  
Australia-New Zealand Population Workshop  
Australian Bureau of Statistics – Department of Industry, Tourism  
and Resources High Level Liaison Committee  
Australian Government Statistical Forum  
Australian Health Survey Reference Group  
Australian Statistics Advisory Council  
Australian Transport Data Action Network  
Census – Indigenous Enumeration Strategy Working Group  
Consumer Price Index Advisory Group – 16th Series Review  
Cultural Ministers' Council Statistics Working Group  
Demography Statistics Advisory Group  
Early Childhood Data Subgroup  
Economic Statistics User Group  
Employment Arrangements, Retirement, Superannuation, Time Use Survey Reference Group  
Energy Statistics Forum  
Gender Statistics Advisory Group  
General Social Survey Reference Group  
Household Income and Expenditure Statistics User Advisory Group  
Housing Statistics User Advisory Group  
Information and Communication Technology Statistics Reference Group  
Innovation (incl. R&D) Statistics Reference Group  
Input-Output Statistics User Group  
International Trade in Services User Group  
Labour Statistics Advisory Group  
Longitudinal Studies Advisory Group  
Measures of Australia's Progress Expert Reference Group  
Methodology Advisory Committee  
Migrant Statistics Advisory Group  
Migrant Statistics Reference Group  
Mining User Advisory Group  
National Advisory Group on Aboriginal and Torres Strait Islander Health Information and Data  
National Community Services Information Management Group  
National Corrective Services Statistics Advisory Group  
National Crime Statistics Advisory Group  
National Criminal Courts Statistics Advisory Group  
National Disability Information Management Group  
National Health Information Standards and Statistics Committee  
National Housing and Homelessness Information Management Group

National Housing Supply Data Sub-group  
Patient Experience Survey Reference Group  
Personal Safety Survey Advisory Group  
Population Estimates Technical Workshop  
Population Health Information Development Group  
Private Hospital Statistics User Group  
Productivity Measurement Reference Group  
Standard Business Reporting Taxonomy Approval Committee  
Standing Committee on Recreation and Sport Research Group  
State Accounts User Group  
Statistical Clearing House User Group  
Steering Committee for the Review of Government Service Provision  
Structural Issues in the Workforce Sub-Committee, Workforce Profile Working Group  
(Community and Disability Services Ministers' Advisory Council (CDSMAC) Sub-Committee)  
Survey of Adult Competencies Reference Group  
Survey of Disability Ageing and Carers Advisory Group

**State and Territory Government groups**

Government Agencies Statistical Committee (South Australia)  
Northern Territory Statistical Liaison Committee  
Queensland Statistical Table  
Social Statistics Consultative Groups (Western Australia)  
State Statistical Forum (all States and Territories)  
Statistical Coordination and User Forum (New South Wales)  
Statistical Policy Committee (Tasmania)  
Statistical Policy Committee and Economic (Western Australia)  
Tasmanian Statistical Advisory Committee  
Victorian Statistics Advisory Forum