

Directory of Transport Statistics

W. McLennan
Australian Statistician

ABS Catalogue No. 1132.0
ISBN 0 642 25748 5

© Commonwealth of Australia 2000

This work is copyright. Apart from any use as permitted under the *Copyright Act 1968*, no part may be reproduced by any process without permission from AusInfo. Requests and inquiries concerning reproduction and rights should be addressed to the Manager, Legislative Services, AusInfo, GPO Box 84, Canberra, ACT, 2601.

In all cases the ABS must be acknowledged as the source when reproducing or quoting any part of an ABS publication or other product.

Produced by the Australian Bureau of Statistics

INQUIRIES

- For information about other ABS statistics and services, please refer to the back page of this publication.

CONTENTS

	Page
Preface	iv
List of abbreviation	v
Introduction	vi
How to use this directory	vii
Data sources	
Agriculture	1
Aviation	4
Construction	11
Education and Training	17
Environment	25
Freight	32
Fuel	46
Government Finance	48
International Investment and Trade	50
Labour	59
Manufacturing	82
Mining and Utilities	86
Motor Vehicle Finance	91
Motor Vehicle Industry	93
Motor Vehicle Prices	98
Motor Vehicle Registrations	100
Motor Vehicle Sales	107
Motor Vehicle Use	111
National Accounts	134
Pipeline	137
Rail	138
Road Traffic Accidents	142
Shipping	153
Tourism	168
Transport Costs	172
Transport Industry	181
Travel	217
Other	237
Australian Bureau of Statistics services	246
Contributors and Other Sources	250

PREFACE

Transport can be described broadly as the movement of goods and people from an origin to a destination. It is one of the most fundamental aspects of an advanced economy. Transport provides a window to the wider world. Buildings cannot be constructed without transportation of materials and persons, food must be transported for distribution, and people must travel to get to and from work, and for recreation and to access facilities. Transport has enormous economic and social impact, generates substantial employment and contributes about 5% annually to Australia's Gross Domestic Product. The social cost of transport includes road accidents, traffic congestion, fuel emissions, aircraft noise pollution and shipping oil spills. Information about all aspects of transport and its support industries, ranging from automotive manufacturers to travel agencies, is vital to effective planning by governments and industry.

This directory contains comprehensive information on Australian sources of transport statistics in the public and private sectors. It lists the ABS collections where transport is involved, and includes many other sources of transport-related data. The directory provides a description of the collection and the data content and the Indexes provide a quick reference by data source and subject.

Readers should refer to the contact detail in the entry for more information about the publications and the collection.

The ABS is not responsible for the accuracy of the information supplied by non-ABS organisations and inclusion in this directory should not be taken as an endorsement by the ABS.

While every effort has been made to contact all likely sources of transport related-data we would be grateful if readers could provide details of any omissions. The directory will be released and continually updated on the ABS Internet StatSite and future hard copy editions will be produced as needed. If you have information or wish to comment on any other aspect please contact the ABS (Richard Scutter) on Canberra 02 6252 6011, facsimilie 02 6252 8513 or Email richard.scutter@abs.gov.au.

I would like to thank the many organisations that have contributed to this directory.

W. McLennan
Australian Statistician

LIST OF ABBREVIATIONS

ABS	Australian Bureau of Statistics
ANZSIC	Australian and New Zealand Standard Industrial Classification
ASIC	Australian Standard Industrial Classification
ASCO	Australian Standard Classification of Occupations
ASGC	Australian Standard Geographic Classification
ATFCC	Australian Transport Freight Commodity Code
SITC	Standard International Trade Classification
IHS	International Harmonised System
PC AUSSTATS	On-line Time Series Data Service
SLA	Statistical Local Area

INTRODUCTION

The directory provides researchers with a ready reference to sources of statistical information about transport.

The main section presents details of transport-related data sources by broad subject heading. Each data source contains the following information:

- Name of Collection;
- Contact;
- Purpose;
- Description;
- Data Detail;
- Geographic Coverage;
- Frequency of Data Availability;
- Historical Data; and
- Products and Services.

Some entries contain an 'Example of Information Available' which illustrates the type of data that are available from the data source. It should be noted that these examples constitute only a small amount of the information available and that more detailed data are available from the 'Contact' for each data source.

A subsidiary section lists the various organisations that contributed information in the directory and other organisations that only provided contact details.

This directory is available on the ABS Internet StatSite
<http://www.abs.gov.au>

HOW TO USE THIS DIRECTORY

To find your topic of interest in this directory, you can choose any of the methods below:

BROAD SUBJECT HEADING

All entries are categorised under broad subject headings which are listed on the Contents page. You may find the broad subject headings useful if you are interested in sources of data about a particular topic. It should be noted that where the content of a collection is appropriate to a number of headings, the collection has been included under the most appropriate heading.

SUBJECT INDEXES

Use the Subject Index near the back of the directory to find your topic of interest or data source from a listing of key words, and turn to its page reference.

CONTRIBUTORS AND DATA SOURCES INDEX

If you know the name of the organisation, look in the Contributors and Data Sources Index, which is located after the Subject Index.

UPDATING

Users of the directory should advise the ABS of any transport collections not included in this directory and any changes to current entries. This will enable the ABS to update the directory with a view to producing updated references on the ABS website at <http://www.abs.gov.au> and future printed editions.

To update or add new Transport Directory entries, please supply data by category. Please refer to individual entries in the directory. The information can be faxed or emailed to:

Directory of Transport Statistics
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616
Telephone: Canberra 02 6252 5702
Facsimile: Canberra 02 6252 8513
Email: richard.scutter@abs.gov.au

INTERNET

You can also source and update the directory on the ABS website: <http://www.abs.gov.au>.

ABS • DIRECTORY OF TRANSPORT STATISTICS • 1132.0 •
2000 xiii

DATA SOURCES

AGRICULTURE

NAME OF COLLECTION

Agricultural Finance Survey

CONTACTS

Content

Manager, Processing
Agricultural National Processing Centre (NPC)
Australian Bureau of Statistics
PO Box 66A
HOBART TAS 7001

Telephone: Hobart 03 6222 5949
Facsimile: Hobart 03 6222 5879
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Publications

Manager, Data Services
Agricultural NPC
Australian Bureau of Statistics
PO Box 66A
HOBART TAS 7001

Telephone: Hobart 03 6222 5939
Facsimile: Hobart 03 6222 5879
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To enable the financial performance of agricultural industries in Australia to be monitored.

Description

This survey is the most comprehensive source of financial statistics for Australian farm businesses. The 1996–97 survey consisted of approximately 2,500 farm businesses, selected at random from all in-scope farm businesses on the ABS Register of Businesses. Around 250 items of financial data are collected including income, expenses, debt, interest paid, asset acquisition and asset value.

Data are collected by personal interview and mail questionnaire.

AGRICULTURE

Data Detail

- Sales from crops;
- Sales from livestock;
- Sales from livestock products;
- Turnover;
- Purchases and selected expenses;
- Value added;
- Adjusted value added;
- Gross operating surplus;
- Total interest paid;
- Cash operating surplus;
- Total net capital expenditure;
- Total value of assets;
- Gross indebtedness; and
- Net worth.

Transport data include value of motor vehicles and expenses incurred on repair, maintenance and hiring of motor vehicles, and freight.

Geographic Coverage

Australia, States and Territories. Some regional data are available on request.

Frequency of Data Availability

Data are released annually.

Historical Data

Data were first collected in 1968–69. The survey has been conducted on an annual basis since 1986–87.

Products and Services

Publications

- *Agricultural Industries, Financial Statistics, Australia, Preliminary Estimates* (Cat. no. 7506.0)
- *Agricultural Industries, Financial Statistics, Australia* (Cat. no. 7507.0)

Products and Services *continued**Other*

- Item Estimates from Agricultural Finance Survey on floppy disk or hardcopy
- Cross Classification Tables from Agricultural Finance Survey on floppy disk or hardcopy
- Special data services are available on request.

Example of Information Available

FARM BUSINESSES, SELECTED FINANCIAL STATISTICS, AUSTRALIA			
	1993-94	1994-95	1995-96
<i>Items</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
Net capital expenditure on vehicles, machinery and equipment	1 507.7	1 613.6	1 908.8
Value of motor vehicles, machinery and equipment	13 044.4	13 792.8	14 816.9

AVIATION

NAME OF COLLECTION

General Aviation

Contact

Director
Aviation Statistics and Analysis (AVSTATS)
Department of Transport and Regional Services
GPO Box 594
CANBERRA ACT 2601

Telephone: Canberra 02 6274 7720
Facsimile: Canberra 02 6274 7727
Email: AVSTATS@dotrs.gov.au
Internet: www.dotrs.gov.au/aviation/avstats/dompage.htm

Purpose

To provide a detailed overview of the general aviation industry in Australia.

Description

This publication provides data on the size of aviation industry sectors in Australia, with the major focus on general aviation operations.

Data Detail

- Hours flown by state, aircraft type and category of operation;
- Number of aircraft by type and category of operation; and
- Total landings by state and aircraft type.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are available six-monthly and annually.

Historical Data

Data are available from 1954.

Products and Services

Publications

- General Aviation
- Digest of Statistics

Example of Information Available

<http://www.dot.gov.au/programs/avpol/avstats.htm>

NAME OF COLLECTION

International Airlines

Contact

Director
 Aviation Statistics and Analysis (AVSTATS)
 Department of Transport and Regional Services
 GPO Box 594
 CANBERRA ACT 2601

Telephone: Canberra 02 6274 7720
 Facsimile: Canberra 02 6274 7727
 Email: AVSTATS@dotrs.gov.au
 Internet: www.dotrs.gov.au/aviation/avstats/dompage.htm

Purpose

To provide information on the operations of international airlines operating into and out of Australia.

Description

The statistics cover revenue traffic carried by operators of international scheduled air transport services. Data are supplied by airlines performing international scheduled operations to/from Australia

Data Detail

- Passengers and freight by airline of arrival/departure and the country of uplift/discharge;
- Passengers and freight by international airport of arrival/departure;
- Airline market shares and load factors; and
- Industry analysis.

Some data are also available on mail carried by international airlines.

Geographic Coverage

Australia, cities with international airports including Port Hedland, Norfolk Island and Christmas Island.

Frequency of Data Availability

Data are available monthly and annually.

Historical Data

Data are available from 1983. Data prior to 1983 may be available on request.

AVIATION

Products and Services

Publications

- Monthly Provisional Statistics of International Scheduled Air Transport
- International Scheduled Air Transport
- Digest of Statistics
- Airport Traffic Data

Other

Tables from the publications mentioned above are available on floppy disk. Data covering different time periods and time series are available on request.

Example of Information Available

<http://www.dot.gov.au/programs/avpol/avstats.htm>

NAME OF COLLECTION

Major Australian Airlines (formerly Domestic Airlines)

Contact

Director
 Aviation Statistics and Analysis (AVSTATS)
 Department of Transport and Regional Services
 GPO Box 594
 CANBERRA ACT 2601

Telephone: Canberra 02 6274 7720
 Facsimile: Canberra 02 6274 7727
 Email: AVSTATS@dotrs.gov.au
 Internet: www.dotrs.gov.au/aviation/avstats/dompage.htm

Purpose

To provide data on the operations of major Australian airlines operating over Australian flight stages.

Description

The collection provides information on carrier network and industry totals for major Australian airlines (scheduled operators using aircraft capable of carrying more than 38 passengers or 4,200 kilograms of payload) operating over Australian flight stages. Data are supplied by airlines to the Department.

Data Detail

- Passengers, freight and mail carried by city pair and airport;
- Passenger kilometres;
- Available seat kilometres;
- Load factors; and
- Hours flown.

Geographic Coverage

Australia, Australian External Territories, town/cities with airports.

Frequency of Data Availability

Data are available monthly and annually.

Historical Data

Data are available from 1993. Prior data may be available on request.

AVIATION

Products and Services

Publications

- Domestic Airline Activity (Major Australian Airlines) Monthly Status Report
- Major Australian Airlines
- Digest of Statistics
- Airport Traffic Data

Other

Tables from the publications mentioned above are available on floppy disk.

Example of Information Available

<http://www.dot.gov.au/programs/avpol/avstats.htm>

NAME OF COLLECTION

Regional Airlines

Contact

Director
 Aviation Statistics and Analysis (AVSTATS)
 Department of Transport and Regional Services
 GPO Box 594
 CANBERRA ACT 2601

Telephone: Canberra 02 6274 7720
 Facsimile: Canberra 02 6274 7727
 Email: AVSTATS@dotrs.gov.au
 Internet: www.dotrs.gov.au/aviation/avstats/dompage.htm

Purpose

To provide current statistics on scheduled services of regional airlines.

Description

The regional airlines sector operates scheduled services within Australia, generally in aircraft with 38 seats or less. Regional airlines usually operate services from the smaller rural centres to the larger cities. AVSTATS publishes data on indicators of activity for the top five carriers and the industry, as well as airport and city pair statistics.

Data Detail

- Passengers, freight and mail carried by city pair and airport;
- Passenger kilometres;
- Available seat kilometres;
- Load factors; and
- Hours flown.

Geographic Coverage

Australia, major airports, regional airports.

Frequency of Data Availability

Data are available annually.

Historical Data

Data are available from 1976.

AVIATION

Products and Services

Publications

- Regional Airlines
- Digest of Statistics
- Airport Traffic Data

Other

Tables from the publications mentioned above are available on floppy disk.

Example of Information Available

<http://www.dot.gov.au/programs/avpol/avstats.htm>

CONSTRUCTION

NAME OF COLLECTION

Construction Industry Survey

Contact

Assistant Director
 Transport, Tourism and Construction Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5487
 Facsimile: Canberra 02 6252 8314
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To measure the size and structure of the construction industry and to enable government departments, especially the Department of Industry, Science and Tourism to understand the nature of the industry.

Description

The Construction Industry Survey (CIS) was conducted three times prior to the 1996–97 survey. The 1996–97 survey is mainly concentrating on the residential sector of the construction industry. A sample of about 20,000 businesses were selected from the ABS Register of Businesses and Australian Taxation Office list. Non-residential construction information was collected by the Economic Activity Survey and has been merged with the results of the CIS to provide overall estimates for the entire construction industry.

Data are collected by mail questionnaire.

Data Detail

Prior to the collection for 1996–97, the CIS was last conducted in respect of the 1988–89 financial year.

For the private sector construction establishments in the 1988–89 collection, data were collected on:

- Summary of operations by industry class;
- Selected characteristics by employment size and by turnover size;
- Selected operating ratios by industry class;
- On-site employment by occupation, by industry group; and
- Value of construction work done by contract type, by industry class.

CONSTRUCTION

Data Detail *continued*

In association with the 1988–89 CIS, a Public Sector CIS was collected. For enterprises in this collection, data were collected on:

- On-site employees by construction activity and by occupation;
- Construction and repair maintenance expenditure, by type of work;
- Building construction expenditure by type of work; and
- Engineering construction expenditure by type of work.

Data from the 1988–89 collection which are relevant to transport include new and repair work on roads, highways, bridges, railways and harbours. With the scope of the 1996–97 CIS restricted to residential construction and trades services, these data will not be available from the 1996–97 collection. Users requiring recent data on value of work done on roads, bridges, railways and harbours should refer to *Engineering Construction Activity* (Cat. no. 8762.0).

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data release is irregular. The survey is conducted about every five years. Preliminary results from the 1996–97 survey was released in September 1998 with final results released in January 1999.

Historical Data

The survey was conducted in respect of 1978–79, 1984–85, 1988–89 and 1996–97.

Products and Services

Publications

- *Construction Industry Australia: Summary of Private Sector Operations* (Cat. no. 8771.0)
- *Private Sector Construction Industry Australia* (Cat. no. 8772.0)
- *Public Sector Construction Activity, Australia* (Cat. no. 8775.0)

NAME OF COLLECTION

Engineering Construction Survey

Contact

Contact Officer
Building and Construction Section
Australian Bureau of Statistics
GPO Box 2272
ADELAIDE SA 5001

Telephone: Adelaide 08 8237 7672
Facsimile: Adelaide 08 8237 7620
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure the value of all engineering construction work undertaken in Australia.

Description

The results from this survey together with the results from the Building Activity Survey, provide a complete quarterly picture of building and construction activity in Australia.

This survey is a quarterly sample survey of approximately 2,400 respondents. The survey framework includes all enterprises recorded on the ABS Register of Businesses and classified to the construction industry and all other units known to be undertaking engineering construction work.

Data are collected by mail questionnaire.

Data Detail

- Value of engineering construction work done;
- Value of commencements and work yet to be done, by state; and
- Sector undertaking the work and for whom the work is being done.

In relation to transport, data are available on engineering construction work on roads, highways, bridges, railways and harbours.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are released quarterly.

Historical Data

The survey was first conducted in 1986.

CONSTRUCTION

Products and Services

Publications

- *Engineering Construction Activity, Australia*
(Cat. no. 8762.0)

Other

- PC AUSSTATS 02 6252 6017

Example of Information Available

ENGINEERING CONSTRUCTION ACTIVITY UNDERTAKEN BY THE PRIVATE SECTOR, BY TYPE OF CONSTRUCTION—VALUE OF WORK COMMENCED DURING PERIOD

<i>Period</i>	<i>Roads, highways and subdivisions</i>	<i>Bridges</i>	<i>Railways</i>	<i>Harbours</i>	<i>Total</i>
	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
1994–95	2 826.5	121.3	321.8	78.2	7 330.1
1995–96	3 929.7	91.0	206.2	130.5	8 865.6
1996–97	2 734.9	129.4	645.2	255.2	9 642.5

NAME OF COLLECTION

Infrastructure Survey 2000 (AusCID)

Contact

Contact Officer
 Mr Dennis O'Neill, CEO
 The Australian Council for Infrastructure Development
 Level 7, 167 Macquarie Street
 Sydney NSW 2000

Telephone: 02 9231 0722
 Facsimile: 02 9231 0765/69
 Email: info@auscid.org.au
 Internet: <http://www.auscid.org.au>

Purpose

The survey seeks to identify the level of private sector investment in Australia's infrastructure.

Description

The survey was conducted in the December 1999 quarter of the 85 members of the Australian Council for Infrastructure Development (AusCID), which represents the majority of businesses associated with public infrastructure in Australia. Data was collected at the project level.

The survey identifies private investment in infrastructure in the energy, water, transportation and social infrastructure sectors. It also identifies the size of this investment (in dollars) and the direct employment generated.

Data Detail

- Level of private sector investment;
- Funding of private sector investment between debt and equity;
- Sector revenue and employment.

Geographic Coverage

Australia

Frequency of Data Availability

The data is a snapshot at December 1999, another survey is planned in the second half of 2000.

Historical Data

None.

CONSTRUCTION

Products and Services

Survey results were released in February 2000.

Example of Information Available

See Internet: <http://www.auscid.org.au/papers.html>

EDUCATION AND TRAINING

NAME OF COLLECTION

Survey of Education and Training

Contact

Assistant Director
Education and Training Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7041
Facsimile: Canberra 02 6251 5486
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To determine how much training or education is being undertaken, by whom and to provide information on the linkages between education, training and employment.

Description

This survey provides details of the education and training and experiences of persons who had worked as wage or salary earners in the previous 12 months, as well as those who, at the time of the survey, were employers, self-employed, unemployed or marginally attached to the labour force. Personal interviews were conducted at a sample of about 13,800 dwellings, yielding approximately 22,700 completed personal interviews (for the 1997 survey).

Data Detail

- Socio-demographic characteristics (including income and educational attainment);
- Labour force characteristics at the time of the survey;
- Work history;
- Educational qualifications held;
- Study for educational qualifications in 1997 and 1996;
- Qualifications enrolled for during the previous five years but not completed;
- Intended study for the next three years;
- Training courses conducted both in-house and externally;
- Access to training;
- Access to education; and
- Education and training provisions.

EDUCATION AND TRAINING

Data detail *continued*

Industry data was classified according to both the *Australian and New Zealand Standard Industrial Classification (ANZSIC)* (Cat. no. 1292.0) and the *Australian Standard Industrial Classification (ASIC) Volume 1—The Classification 1983* (Cat. no. 1201.0) Data can be made available for the above items for persons employed in tourism-related industries by clients specifying ASIC categories to be grouped together.

Geographic Coverage

Australia, States and Territories. Information is also available for labour force dissemination regions throughout Australia.

Frequency of Data Availability

Irregular.

Historical Data

1989: How Workers Get Their Training

1993: Survey of Training and Education

1997: Survey of Education and Training

The next survey will be run in 2001, and will retain a focus on the level of participation, educational pathways, skills acquisition, economic outcomes and individual experiences of education and training activities.

Example of Information Available

PERSONS WITH A WAGE AND SALARY JOB IN THE LAST 12 MONTHS: TRAINING UNDERTAKEN(a) IN THE LAST 12 MONTHS(b) AND INDUSTRY OF EMPLOYMENT, AUSTRALIA

Industry(e)	Study or training courses undertaken(c)						Some training undertaken(c)			
	Studied in previous calendar year	External training				On-the-job	Total	1997 survey	1993 survey	1989 survey
		In-house	Employer supported	Total(d)	Total					
%	%	%	%	%	%	%	'000	%	%	%
Agriculture, forestry, fishing & hunting	9.1	8.5	7.4	21.3	35.3	58.0	188.4	69.5	79.7	67.8
Mining	9.7	57.7	20.1	25.7	70.8	72.8	95.8	88.3	91.2	76.6
Manufacturing	10.8	25.9	8.7	13.4	41.4	67.5	1 184.9	75.5	80.1	73.2
Electricity, gas & water	22.2	60.8	17.1	18.8	77.9	80.0	64.9	91.6	90.7	85.1
Construction	15.5	14.8	8.8	16.9	39.3	67.9	357.8	75.4	84.8	75.7
Wholesale & retail trade	17.2	22.5	8.4	15.8	45.0	65.3	1 585.8	73.6	84.4	79.3
Transport & storage	7.9	34.5	8.5	16.4	48.0	63.7	361.7	74.5	81.8	72.0
Communication	10.2	57.7	7.3	11.7	67.9	78.4	137.5	87.8	86.6	85.1
Finance, property & business services	17.7	38.2	15.4	22.7	60.3	79.1	867.3	85.9	89.2	85.0
Public administration & defence	15.3	57.0	17.8	25.2	70.8	77.7	444.5	87.8	90.0	81.9
Community services	19.4	46.3	17.1	28.8	69.2	80.7	1 712.3	89.0	90.7	84.1
Recreation, personal & other services	17.9	18.3	6.5	16.0	42.7	65.0	699.8	74.0	82.1	75.7

(a) Multi-purpose categories collected. Therefore, components may not add to totals. (b) For each survey, refers to the 12 months prior to the relevant survey period. (c) 1997 data includes persons whose only form of training in the last 12 months was studying in 1997. Due to its very small size, the equivalent group was excluded from the 1993 and 1989 data. Care should be taken when making comparisons. (d) Includes persons who attended external training courses while working that were either not employer supported, or not as a wage and salary earner, and persons who attended external training courses while not working. (e) Data for the 1989 and 1993 surveys was classified to previous editions of this classification. To facilitate comparisons, 1997 data for this table has been presented using the same classification as for the 1989 and 1993 surveys.

EDUCATION AND TRAINING

NAME OF COLLECTION

Training Expenditure Survey

Contact

Assistant Director
Labour Employer Surveys Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6660
Facsimile: Canberra 02 6251 8013
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide statistical input into policy development on enterprise-based training and to assist in the evaluation of national training policies.

Description

The Training Expenditure Survey collected information on employers' expenditure in providing formal training for their employees. The Training Expenditure Survey had a three month reference period and data were collected by mail questionnaire. Approximately 6,000 employers Australia-wide were stratified by sector, industry and employer size.

Data detail

Status of employees (sex, full-time or part-time status, permanent or casual status);

- average gross wages and salaries; and hours for time receiving formal in-house training and external training;
- training received by field of training;
- gross wages and salaries of trainers for time spent developing, delivering, evaluating and administering formal training;
- fees paid for in-house and external courses;
- other expenditure on formal in-house and formal external training;
- training subsidies or grants; and
- payments received from other organisations for training.

Data detail *continued*

In relation to tourism, some broad level industry data are available for the above items for persons employed in tourism-related industries.

The 1998 TES collected information on training expenditure from employers who actually provided structured training in the three-month reference period. This differs from previous TESs conducted in 1989, 1990 and 1993 where training costs were collected even if there was no structured training provided in the reference period.

Geographic coverage

Australia, States and Territories.

Frequency of data availability

Irregular.

Historical data

The survey was conducted in 1989, 1990, 1993 and 1996. Detailed comparisons between the 1989 and 1990 surveys are not possible because of different sample sizes. Comprehensive and detailed comparisons between the 1990 and 1993 surveys, however, are possible. The Training Practices Survey, first conducted in 1994, and again in 1997, utilised the same sample of employers as the respective Training Expenditure Survey. Therefore, comparisons between these two surveys are also possible.

Products and services available

Publications

- *Employer Training Expenditure, Australia, July to September 1996* (Cat. no. 6353.0)

Other

Special data services are available on request.

EDUCATION AND TRAINING

Example of Information Available

MEASURES OF TRAINING EXPENDITURE, BY INDUSTRY—JULY–SEPTEMBER 1996

	<i>Gross wages and salaries</i>	<i>Expenditure per employee</i>	<i>Training per employee</i>	<i>Total training expenditure</i>	<i>Employers providing training</i>
<i>Transport and storage</i>	%	\$	h	\$m	%
Air and space transport	4.5	556.7	13.3	27.1	28.7
Other transport and storage	2.1	184.9	4.6	41.4	15.7
Total	2.6	251.2	6.1	68.4	16.0

NAME OF COLLECTION

Training Practices Survey

Contact

Assistant Director
 Labour Employer Surveys Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6660
 Facsimile: Canberra 02 62521 8013
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To provide statistical input into policy development on enterprise-based training and to assist in the evaluation of national training policies.

Description

The Training Practices Surveys conducted in 1994 and 1997 collected information from employers in Australia on factors affecting the provision of training and how training is planned. The surveys sought information on training practices as they applied to the organisation as a whole and not individual employees. The Training Practices Survey used the same employers as had been selected for the conduct of the Training Expenditure Survey, 1993 and 1996 respectively.. Respondents consisted of approximately 6,000 employers and were stratified by sector, industry and employer size. Information was collected by mail questionnaire.

Data detail

Factors affecting level of training expenditure;

- overall increase/decrease in expenditure;
- orientation training/on-going training by occupation group;
- how content/subject of formal in-house training is decided;
- impact of Training Guarantee legislation and how this legislation affected employer training practices;
- existence of formal written training plan and details;
- training practices;
- external training providers used;
- employee profile; and
- organisation profile.

EDUCATION AND TRAINING

Data detail *continued*

In relation to tourism, some broad level industry data are available for the above items for persons employed in tourism-related industries. The 1997 Training Practices Survey, collected industry information using the Australian and New Zealand Standard Industrial Classification, whereas the 1994 Survey used an earlier classification. The 1996 Survey can provide information on persons employed in the accommodation, cafes and restaurants industry and the cultural and recreational services industry.

Geographic coverage

Australia, States and Territories.

Frequency of data availability

Irregular.

Historical data

Comparisons between the Training Expenditure Survey (1993) and the Training Practices Survey (1994) and between the Training Expenditure Survey (1996) and the Training Practices Survey (1997).

Products and services available

Publications

- *Employer Training Practices, Australia, 1997* (Cat. no. 6356.0)

Other

Special data services are available on request.

Example of Information Available

USE OF EXTERNAL PROVIDERS FOR STRUCTURED TRAINING IN LAST 12 MONTHS(a), BY INDUSTRY

<i>Industry</i>	<i>TAFE</i>	<i>Univer- sity</i>	<i>Private training provider</i>	<i>Profes- sional associ- ation</i>	<i>Industry associ- ation</i>	<i>Equip- ment manu- facturer</i>	<i>Other</i>	<i>Used external training providers</i>	<i>Total</i>
	%	%	%	%	%	%	%	%	%
Transport and storage	18	5	25	—	29	11	—	77	100
Employers providing structured training	43	14	34	27	20	23	6	89	100

(a) The last 12 months ended 21 February 1997. An employer may use more than one type of provider.

ENVIRONMENT

NAME OF COLLECTION

Clean Air 2000 Monitor of Public Attitudes

Contact

Manager
Transport and Environment
NRMA Limited
388 George Street
SYDNEY NSW 2000

Telephone: Sydney 1800 678 784
Facsimile: Sydney 02 9292 8485
Email: cleanair2000@nrma.com.au
Internet: <http://www.nrma.com.au>

Purpose

To determine current community attitudes towards the environmental impacts of car travel and use.

Description

The survey is conducted by the Hunter Valley Research Foundation for NRMA. It is concerned with community attitudes towards air quality and the motor vehicle and the community's responses to potential air quality and traffic congestion solutions.

The population for the survey is defined as residents of Greater Sydney Region (GSR) who are 18 years or older and regularly drive a motor vehicle. The 1997 survey involved telephone interviews to 1,600 respondents, randomly selected from the population. All telephone interviewing was conducted using coded answers throughout the questionnaire, with provision for open-ended questions where relevant.

Data Detail

- Concern about air pollution;
- Knowledge about air pollution issues;
- Attitudes towards air pollution issues;
- Solutions to air pollution and traffic congestion;
- Public transport use;
- Actions to reduce car emissions; and
- Summary of results by sub-regions.

ENVIRONMENT

Geographic Coverage

The GSR is defined as those urban areas incorporating Newcastle/Lake Macquarie, Wyong/Gosford, Sydney and Wollongong/Illawarra.

Frequency of Data Availability

The survey is conducted annually.

Historical Data

The Clean Air 2000 Monitor was first undertaken in 1995 as benchmark survey and then as an annual monitor of public attitudes. The 1995 to 1997 results are comparable although new questions were added in both the 1996 and 1997 surveys.

Products and Services

Publications

- *Clean Air 2000 Monitor of Public Attitudes: Air Quality and the Car 1997*

Example of Information Available

<u>MAIN REASONS FOR NOT TAKING PUBLIC TRANSPORT MORE OFTEN, 1997</u>	
	<i>GSR Response</i>
<i>Reasons cited</i>	<i>%</i>
No direct route to destination	38
Takes longer than driving a car	30
Infrequent service	21
Need vehicle for work purposes	19
Too inflexible for travel needs	16
Nearest station or bus stop far from home	15
Does not cater for people with prams, shopping, bicycles etc	9
Not safe to travel on at night	8
Nearest station or bus stop too far from destination	8
Unreliable	7
Costs too much	6
Not safe to travel on during the day	5
Uncomfortable	3
Car is more convenient/personal preference	3

NAME OF COLLECTION

Environmental Attitudes and Practices, Environmental Protection and Expenditure

Contact

Assistant Director
 Environment and Energy Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5643
 Facsimile: Canberra 02 6252 5335
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To produce information on environmental practices and behaviours which will assist the government and other organisations to develop environmental policies and programs.

Description

Environmental Attitudes and Practices collects information from the household sector on environment topics. Surveys were conducted in 1992, 1994, 1996 and 1998 and are based on interviews with households. Surveys are planned for 1999 and 2000.

Environmental Protection Expenditure collects information using economic collections covering agriculture, mining, manufacturing and service industries. Information is also collected from Local Government and compiled for the public sector from budget statements.

Other compendium publications are also produced (4601.0 and 4605.0) using data from a variety of sources (ABS and non-ABS).

Data Detail

ENVIRONMENTAL ATTITUDES AND PRACTICES

Data on households:

- Environmental views, concerns and issues;
- Household waste management;
- Motor vehicle ownership and maintenance; and
- Use of transport.

ENVIRONMENT

Data Detail *continued*

- Water and energy use

Australians and the Environment Cat. no. 4601.0 and Environmental Issues: People's Views and Practices (Cat. no. 4602.0)

ENVIRONMENTAL PROTECTION EXPENDITURE

Costs incurred for environment protection by the:

- Public sector;
- Agriculture industry;
- Mining industry;
- Manufacturing industry;
- Service industry; and
- Household sector (including expenses on motor vehicles)

Environment Protection Expenditure, 1992-93 and 1993-94, Australia (Cat. no. 4603.0)

FOR THE COMPENDIUMS

A detailed report on transport and the environment covering:

- Transport activity in Australia;
- Transport impact on people and the environment; and
- Policy responses to the impacts of transport.

Australian Transport and the Environment (Cat. no. 4605.0)

Geographic Coverage

Australia, States and Territories. Some information is available at the SLA level via a special data request.

Frequency of Data Availability

4602.0 was previously released biennially. The 1998 issue will be released in 1999. Releases will then be on an annual basis.

4603.0 is released annually.

The release of 4601.0 and 4605.0 is irregular.

Historical Data

The first issue of 4601.0 (previously released as 4140.0 in 1992) was released in 1996. The first issue of 4605.0 was released in 1997. The first issue of 4602.0 and 4603.0 was in respect of 1992 and 1991–92.

Products and Services

Publications

- *Australians and the Environment* (Cat. no. 4601.0)
- *Environmental Issues: People's Views and Practices* (Cat. no. 4602.0)
- *Environment Protection Expenditure, 1992–93 and 1993–94, Australia* (Cat. no. 4603.0)
- *Australian Transport and the Environment* (Cat. no. 4605.0)

Example of Information Available

HOUSEHOLDS WHO SHOP, MAIN FORM OF TRANSPORT—MARCH 1996,
AUSTRALIA

<i>Transport</i>	'000	%
Car/truck/van	5 697.0	86.4
Motorbike or motor scooter	10.6	0.2
Taxi	53.4	0.8
Train	25.5	0.4
Bus	211.8	3.2
Tram	14.9	0.2
Ferry	—	—
Bicycle	19.2	0.3
Walk	547.0	8.3
Other	15.7	0.2

ENVIRONMENT

NAME OF COLLECTION

**Greenhouse Gas Emissions from Australian Transport:
Long-Term Projections**

Contact

Research Leader
Land and Environment Branch
Bureau of Transport Economics (BTE)
PO Box 501
CANBERRA ACT 2601

Telephone: Canberra 02 6274 6879
Facsimile: Canberra 02 6274 7170
Email: David.Gargett@dotrs.gov.au
Internet: <http://www.dotrs.gov.au/bte/publist5.htm>

Purpose

To provide forecasts of greenhouse gas emissions from Australian transport.

Description

This collection provides estimates and forecasts of passenger and freight activity, fuel use, and emissions for all modes of transport in Australia.

Estimates are derived from BTE, ABS and other sources of primary data.

Data Detail

- Activity (passengers and freight, all modes);
- Fuel use (all types of fuel);
- Emissions (all greenhouse gases);
- Causal factors (incomes, fares, freight rates, etc); and
- Historical estimates and forecasts.

Geographic Coverage

Australia and overseas transport to and from Australia.

Frequency of Data Availability

Data are released annually.

Historical Data

Estimates are available for 1971 to 1993 and forecasts from 1994 to 2015.

Products and Services

Publications

- *BTCE Report 88, Greenhouse Gas Emissions from Australian Transport: Long-Term Projections*

Example of Information Available

<http://www.dot.gov.au/programs/bte/genpub/welcome.htm>

FREIGHT

NAME OF COLLECTION

Freight Flows in Australian Transport Corridors

Contact

Research Leader
Bureau of Transport Economics
Land and Environment Branch
PO Box 501
CANBERRA ACT 2601

Telephone: Canberra 02 6274 6879
Facsimile: Canberra 02 6274 7170
Email: david.gargett@dotrs.gov.au
Internet: <http://www.dotrs.gov.au/bte/publist5.htm>

Purpose

To provide time series estimates of freight flows in the major intercity corridors (all modes).

Description

The publication provides a methodology for deriving estimated freight flows in intercity corridors. The resulting estimated flows are given for six corridors: Melbourne-Sydney, Sydney-Brisbane, Sydney-Adelaide, Melbourne-Brisbane, Melbourne-Adelaide and Eastern States-Perth.

The methodology relies on scaling up partial ABS freight flow surveys.

Data Detail

- Road freight tonnes and rates;
- Rail freight tonnes and rates;
- Sea freight tonnes and rates; and
- Air freight tonnes and rates.

Geographic Coverage

Australia and intercity corridors.

Frequency of Data Availability

Data release is irregular.

Historical Data

Published data are available from 1964–65 to 1985–86. More current data are available on request.

Products and Services

Publications

- *BTCE Occasional Paper 98, Freight Flows in Australian Transport Corridors*

Example of Information Available

Internet: <http://www.dotrs.gov.au/bte/publist5.htm>

FREIGHT

NAME OF COLLECTION

Freight Movements Survey

Contact

Manager
Freight Movements Survey
Australian Bureau of Statistics
GPO Box 9817
BRISBANE QLD 4001

Telephone: Brisbane 07 3222 6190
Facsimile: Brisbane 07 3222 6334
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide reliable road, rail, sea and air statistics on freight moved in Australia.

Description

The Freight Movements Surveys (FMS) covers freight moved by the 4 transport modes (road, rail, sea and air). FMS was first introduced on an experimental basis from June 1994. It replaced the Interstate Freight Movement Survey which ceased in the June quarter 1994. Difficulties were experienced with the FMS methodology and the road mode was discontinued in 1995. However, some statistics from the Rail, Sea and Air modes are available since June 1994. The FMS has now been re-introduced in 2000 using a new methodology. It covers the reference period 1 April 2000 to 31 March 2001. Results are expected to be available by 31 December 2001.

For the road mode data is collected from a sample of owners of articulated trucks based on a selection of vehicles from the registration system.

For the rail, sea and air modes data is compiled from a census of transport operators.

Data are collected by mail questionnaire.

Data Detail

Freight movements by:

- Mode of transport;
- Commodity (ATFCC);
- Origin (Statistical division);
- Destination (Statistical division); and
- Method (dangerous, bulk, refrigerated and/or containerised).

Geographic Coverage

Australia, States and Territories, and Statistical division.

Frequency of Data Availability

Irregular. Data will be available for the reference period 1 April 2000 to 31 March 2001.

Historical Data

Quarterly road data are available from June quarter 1994 to September quarter 1995. These estimates should be regarded as experimental and caution should be used in their use. Rail, sea and air data are available quarterly from June quarter 1994 to September 1997 on request.

Products and Services

Publications

- *Experimental Estimates of Freight Movements, Australia* (Cat. no. 9217) (Discontinued)
- *Information Paper, Freight Movements, Australia* (Cat. no. 9218.0)

Other

- Special data services are available on request.

Example of Information Available

FREIGHT MOVEMENTS BY MODE(a)				
	<i>Rail</i>	<i>Sea</i>	<i>Air</i>	<i>Total</i>
<i>Period</i>	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes
1995-96	402 207	45 153	201	447 562
1996-97	435 128	46 505	193	481 826
1995				
December quarter	104 069	11 226	55	115 350
1996				
March quarter	91 529	11 232	46	102 808
June quarter	99 021	10 740	48	109 810
September quarter	r116 471	r11 183	48	r127 702
December quarter	r112 309	11 440	51	r123 801
1997				
March quarter	r98 929	r11 581	48	r110 558
June quarter	107 418	12 301	46	119 765
September quarter	125 530	11 481	56	137 068

(a) Freight movements which involve more than one operator or mode may be counted more than once.

FREIGHT

NAME OF COLLECTION

FreightInfo TM

Contact

Director
FDF Management Pty Ltd
69 Grey St
EAST MELBOURNE VIC 3003

Telephone: Melbourne 03 9416 4211
Facsimile: Melbourne 03 9417 4407
Email: fdmgt@ozemail.com.au
Internet: <http://www.ozemail.com.au/~fdmgt>

Purpose

To provide a comprehensive Australian database of freight movements covering road, rail, sea and air modes as well as pipelines and conveyors.

Description

FreightInfo is a database of all freight flows within, to and from Australia. The data are embodied in an electronic database which can be interrogated to produce tabulated results to the user's specifications.

The database is based on published statistics from many sources plus interviews with freight producers and transport operators.

Data Detail

Data items include:

- Origin and destination (134 zones);
- Commodity carried;
- Mode of transport; and
- Mass in kilotonnes.

The database has its own commodity classification based on 10 major (1-digit) and over 70 minor (2-digit) commodity types. It is tailored for Australian conditions and reflects the relative importance of commodities carried in Australia. This classification tends to reflect the material from which the product is made rather than the degree of value adding.

Data Detail continued

The following major commodity classifications can be aggregated into the FreightInfo classification at the 2–digit level:

- ATFCC;
- SITC; and
- IHS.

FreightInfo's commodity classification can be used to infer the economic sector (or industry) which consigned the flow, and the economic sector which received it. For this purpose FreightInfo uses a detailed (4–digit) commodity classification of over 400 commodity types.

Geographic Coverage

Australia, States and Territories, and Statistical Subdivision. Some data may be available at SLA level.

Frequency of Data Availability

The database is updated every three years, with results available approximately 18 months after the year to which they relate.

Historical Data

FreightInfo has been produced on a three-year cycle since 1986–87.

Products and Services

Data and analysis of freight is available in paper format, mapped format and in electronic forms. Analysis of the freight data by FDF might typically include the value of freight movements, modal share, back-loading opportunities, assignment of the freight data to road links, economic evaluation of road projects and pattern of truck movements.

Example of Information Available

<http://www.ozemail.com.au/~fdfmgt>

FREIGHT

NAME OF COLLECTION

Survey of Heavy Freight Demanders

Contact

Senior Land Transport Demand Analyst
Land Transport Planning
Department of Infrastructure, Energy and Resources
GPO Box 936J
HOBART TAS 7001

Telephone: Hobart 03 6233 6035
Facsimile: Hobart 03 6233 4978
Email: eddie-gall@dier.tas.gov.au
Internet: <http://www.dier.tas.gov.au>

Purpose

To provide information to enable the establishment of a Tasmanian strategic freight network.

Description

The survey collected information about Tasmanian heavy freight traffic by personal interview of the 100 largest demanders of heavy freight transport in Tasmania and, where necessary, follow up interviews with transport providers.

Data Detail

- Commodities in and out;
- Origin and destination;
- Number of trips and routes used;
- Tonnes;
- Value;
- Industry (ANZSIC);
- Vehicle class (AustRoads);
- Commodity Code (ATFCC) and Road Classification (Tasmanian Road Information Management System RIMS).

Geographic Coverage

Tasmania.

Frequency of Data Availability

The collection has been conducted once.

Historical Data

Data are available for 1997.

Products and Services

Other

- Special data services are available on request.

NAME OF COLLECTION

International Cargo Statistics

Contact

Contact Officer
Sea, Air and Safety
Bureau of Transport Economics
PO Box 501
CANBERRA ACT 2601

Telephone: Canberra 02 6274 6751
Facsimile: Canberra 02 6274 6816
Email: stephen.wheatstone@dotrs.gov.au
Internet:
<http://www.dotrs.gov.au/programs/bte/genpub/welcome.htm>

Purpose

To provide information on freight shipments by sea, air and mail into and out of Australia.

Description

The database is based on ABS trade statistics which are extended to include vessel details.

Data Detail

- Weight and value of cargo;
- Country of final destination/origin;
- Port of overseas loading/unloading;
- Service type—liner/conference, non-conference;
- Ship type;
- Date (year/quarter);
- Commodity code (ATFCC);
- State of origin or destination; and
- Australian unloading port/loading port.

Geographic Coverage

Australian ports and States, overseas ports and countries.

Frequency of Data Availability

Data are available quarterly.

FREIGHT

Historical Data

Data are available from 1982–83(sea), 1995–96(air), and 1996–97(mail).

Products and Services

- Data analysis services.

Example of Information Available

<http://www.dotrs.gov.au/programs/bte/genpub/welcome.htm>

NAME OF COLLECTION

Road, Rail and Sea Freight

Contact

Consultant
 BIS Shrapnel
 Level 8, 181 Miller St
 NORTH SYDNEY NSW 2060

Telephone: Sydney 02 9959 5924
 Facsimile: Sydney 02 9959 5795
 Email: shrapnel@bis.com.au
 Internet: <http://www.bis.com.au>

Purpose

To provide strategic marketing data on road, rail and sea freight in Australia.

Description

Freight in Australia, 1999–2004 report provides information on the use of road, rail and sea freight and the reputation of freight providers. It is based on 400 telephone interviews with major freight users. The road freight task is further differentiated into general and express freight and logistics services.

Data Detail

- Tonnages of freight;
- Value of freight;
- Road freight company market shares;
- Productivity levels;
- Freight flows;
- Contractor rating;
- Freight provider rating; and
- Freight forecasts by sea, air, rail, and road.

Geographic Coverage

Australia and States.

Frequency of Data Availability

Data are available biennially.

Historical Data

The study was first conducted in 1990.

FREIGHT

Products and Services

Other

- *Road Freight in Australia, 1997–2002* (Report)
- Special data services are available on request.

Example of Information Available

<http://www.bis.com.au>

NAME OF COLLECTION

Sea and Air Freight Cargo Statistics/Shipping Container Statistics

Contact

Director
 Mari Trade
 PO Box Q177, QVB Post Office
 SYDNEY NSW 1230

Telephone: Sydney 02 9264 1606
 Facsimile: Sydney 02 9267 2976
 Email: maritrade@ozemail.com.au
 Internet: <http://www.maritrade.com.au>

Purpose

To provide data on air and freight cargoes for market research purposes for airlines, shipping lines and ports.

Description

The collections are based on data collected from ABS exports and imports records, surveys of ports and questionnaires on container movements. Data are collected electronically and by mail questionnaire and telephone interview.

Data Detail

- Container movements by type and size; and
- Cargo data translated from trade records.

Geographic Coverage

States, ports and airports, all countries.

Frequency of Data Availability

Data are released quarterly. Some data releases are irregular.

Historical Data

Data are available from 1983.

Products and Services

Publications

- Shipping and Port Surveys

Other

- Data are available on floppy disk and CD-ROM.

FREIGHT

NAME OF COLLECTION

Statistical Information on Transport Freight, Transport Passenger and General Economics

Contact

Contact Officer
Transport Indicators
Bureau of Transport Economics
PO Box 501
CANBERRA ACT 2601

Telephone: Canberra 02 6274 6823
Facsimile: Canberra 02 6230 1785
Email: Tony.Carmody@email.dotrs.gov.au
Internet:
<http://www.dotrs.gov.au/programs/bte/genpub/welcome.htm>

Purpose

To provide a regular set of indicators relative to the Australian transport sector.

Description

Use is made of ABS data extracted mainly from PC AUSSTATS. Additional information is obtained from private rail operators and State Rail Authorities. Domestic aviation statistics are obtained from the Department's AVSTATS unit.

Data Detail

Australia as a whole.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are continuously updated on the Internet.

Historical Data

Most data are available from 1977.

Products and Services

- Transport Indicators
- Other*
- are available on the Internet.

Example of Information Available

<http://www.dotrs.gov.au/programs/bte/genpub/welcome.htm>

NAME OF COLLECTION

Transec Road Freight Cost Indices

Contact

Managing Director
 Transec Pty Ltd
 PO Box 18057 Collins Street East
 MELBOURNE VIC 3000

Telephone: Melbourne 03 9650 3356
 Facsimile: Melbourne 03 9650 3326
 Email: transec@ozemail.com.au

Purpose

To provide cost movement information particular to the road freight industry (longhaul and shorthaul) in Australia.

Description

Transec Road Freight Indices were developed because of a demonstrated need by the road freight industry to have its own cost movement information.

Data are collected by mail questionnaire, telephone interview and personal interview from approximately 30–45 organisations.

Data Detail

- Driver and administration costs;
- Fuel and oil costs;
- Tyre costs;
- Maintenance costs;
- Capital costs;
- Registration costs;
- Insurance costs; and
- Freight rates.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released quarterly.

Historical Data

Data are available from December 1984.

Products and Services

Other

- Economic and business consultation services available on application.

FUEL

NAME OF COLLECTION

Australian Petroleum Statistics

Contact

Contact Officer
Downstream Petroleum Section
Department of Industry, Science and Resources
GPO Box 858
CANBERRA ACT 2601

Telephone: Canberra 02 6213 7966
Facsimile: Canberra 02 6213 7950
Email: nur.ahmed@isr.gov.au
Internet: <http://www.isr.gov.au>

Purpose

To provide the Government with current, objective, reliable and timely petroleum data. The information is used for policy formulation, administration, analysis and monitoring.

Description

Australian Petroleum Statistics is designed to meet the demand for information on production, refining, sales, trade and stocks of petroleum on a monthly basis.

Data are obtained from the Australian petroleum industry (which includes production, refining and oil trading) by mail questionnaire, and from ABS and IEA publications.

Data Detail

The data set covers the supply and demand chain:

- Production of oil, condensate and gas;
- Refinery production of petroleum products from liquefied petroleum gas (LPG) to bitumen;
- Demand for products and analysis of end-use (such as leaded/unleaded petrol split);
- Trade in petroleum; and
- Stock levels of refinery feedstocks and essential petroleum products including road and air transport fuel.

Prices of petroleum products in other countries and various economic indicators (e.g. CPI petrol price movements) are also available.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

From August 1996, data are published monthly.

Historical Data

Data are available from January 1988.

Products and Services

Publications

- Australian Petroleum Statistics

Other

Floppy disk, electronic delivery and special data services are available on request.

GOVERNMENT FINANCE

NAME OF COLLECTION

Government Finance Statistics

Contact

Coordination and Dissemination Subsection
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5834

Facsimile: Canberra 02 6251 6470

Email: client.services@abs.gov.au

Internet: <http://www.abs.gov.au>

Purpose

To enable a valid comparison to be made of total outlays, revenue and financing transactions of the various governments, as well as of their outlays for particular purposes.

Description

The collection provides details of the consolidated transactions of the public sector for all levels of government, compiled in accordance with standards promulgated by the International Monetary Fund and the United Nations. Data are sourced as follows:

- General Government—Budget documents and annual reports; and
- Public Non-financial Corporations—Annual reports and special returns; and
- Public Financial Corporations—Annual reports and special returns.

Data detail

- outlays, revenue and financing transactions for all three institutional sectors, i.e. general government, public non-financial corporations and public financial corporations;
- components of outlays by purpose (including details of payments by one government to another); and
- outlays, revenue and financing transactions excluding inter-governmental transfers, by level of government.

Data detail *continued*

Detailed data relating to transactions on tourism and area promotion by the Commonwealth Government, State, Territory and local governments are unpublished and include amongst other categories:

- final consumption expenditure; and
- gross fixed capital expenditure.

Geographic coverage

Commonwealth Government, State, Territory and local governments, combined and separate.

Frequency of data availability

Annual (financial year).

Historical data

Data are available from 1961–62.

Products and services available

Publications

- *Government Financial Estimates, Australia* (Cat. no. 5501.0)
- *Government Finance Statistics, Australia* (Cat. no. 5512.0)
- *Government Finance Statistics—Concepts, Sources and Methods* (Cat. no. 5514.0)

Other

Special data services are available on request

Please note that from 1998–99, Government Finance Statistics will be produced on an accruals basis and will be released in this format from March 2000.

Example of Information Available

CURRENT OUTLAYS BY PURPOSE FOR THE COMMONWEALTH, STATE, TERRITORY AND LOCAL GOVERNMENTS COMBINED

	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
	\$m	\$m	\$m	\$m	\$m	\$m
Road transport	3 017	3 206	3 337	3 395	3 373	3 764
Water transport	244	384	231	182	156	70
Rail and multi-mode transport	1 495	1 396	1 396	1 491	1 240	1 275
Air transport	437	439	221	273	460	251
Other transport	75	37	32	79	31	28

INTERNATIONAL INVESTMENT AND TRADE

NAME OF COLLECTION

Balance of Payments

Contact

Assistant Director
Balance of Payments Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5336
Facsimile: Canberra 02 6252 7219
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide a systematic record of Australia's transactions with the rest of the world, including international transactions in transportation and travel services.

Description

The collection provides estimates of Australia's balance of payments, including significant detail for its constituent transactions.

The ABS conducts a number of surveys of businesses, individuals and organisations with international transactions and uses a variety of administrative by-product records in the compilation of the balance of payments.

The ABS and other collections that are used in estimating the transport-related components of the balance of payments include:

- Survey of International Trade in Services (SITS) which collects quarterly data on trade in a wide range of services including transportation and travel;
- The International Visitor Survey, conducted by the Bureau of Tourism Research, which measures expenditure in Australia by international visitors;
- Overseas Arrivals and Departures, conducted by the Department of Immigration and Multi cultural Affairs, which measures the number of Australian and non-resident persons entering and leaving Australia;
- The Survey of Returned Australian Travellers which is used to benchmark estimates from SITS;

Description *continued*

- The Survey of Inbound Tour Operators which is used as a benchmark and measures the landed component in Australia of pre-paid package tours by non-resident travellers; and
- Overseas Student Statistics, published by the Department of Education, Training and Youth Affairs.

Data Detail

- Balance of payments summary;
- Current account (original, seasonally adjusted and trend estimates);
- Capital account;
- Financial account; and
- Exchange rates.

Data are available on current account credits and debits for transportation and travel services.

Transportation services is further classified into passenger, freight and other. Travel services includes a breakdown for business and personal travel, with personal further classified into education-related and other. Data are available by trading partner country and by Australian State or Territory of production/consumption.

Geographic Coverage

Australia.

Frequency of Data Availability

Very summary current price, original estimates are published monthly. Quarterly, estimates are more detailed and include volume and price estimates in original, seasonally adjusted and trend terms. Annually (both on a fiscal year and calendar year basis) data are available by country and State.

Historical Data

Data are available from September quarter 1959.

Products and Services

Publications

- *International Trade in Goods and Services, Australia* (Cat. no. 5368.0)
- *Balance of Payments and International Investment Position, Australia* (Cat. no. 5302.0)
- *Balance of Payments and International Investment Position, Australia* (Cat. no. 5363.0)

INTERNATIONAL INVESTMENT AND TRADE

Products and Services *continued*

- *Balance of Payments, Australia: Concepts, Sources and Methods* (Cat. no. 5331.0)
- *Balance of Payments, Australia: Summary of Concepts, Sources and Methods* (Cat. no. 5351.0)
- *Information Paper: Quality of Balance of Payments, Australia* (Cat. no. 5342.0)
- *A Guide to Australian Balance of Payments Statistics* (Cat. no. 5362.0)

Example of Information Available

SERVICES CREDITS AND DEBITS, TRANSPORTATION SERVICES, ORIGINAL						
	Dec Qtr 1996	Mar Qtr 1997	Jun Qtr 1997	Sep Qtr 1997	Dec Qtr 1997	Mar Qtr 1998
	\$m	\$m	\$m	\$m	\$m	\$m
SERVICES CREDITS	6 070	6 931	5 679	6 325	6 122	6 907
Transportation services	1 720	1 736	1 601	1 678	1 745	1 640
Passenger	1 470	1 517	1 366	1 433	1 493	1 403
Freight	250	219	235	245	252	237
SERVICES DEBITS	-6 002	-5 733	-6 177	-6 764	-6 337	-6 191
Transportation services	-2 131	-1 984	-2 126	-2 334	-2 263	-2 122
Passenger	-714	-701	-800	-895	-740	-676
Freight	-1 146	-1 021	-1 086	-1 216	-1 270	-1 205

▪

NAME OF COLLECTION

Survey of International Investment

Contact

Assistant Director
International Investment Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7735
Facsimile: Canberra 02 6252 6164
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide statistics on Australia's international investment activity.

Description

This survey collects information about investment activity into and out of Australia. It measures:

- the levels (stock) of foreign financial assets and foreign liabilities of residents;
- capital transactions (investment flows) resulting in increases and decreases in the levels of these assets and liabilities;
- other changes in the levels of these assets and liabilities; and
- income accrued on these assets and liabilities.

Data are collected by mail questionnaire sent to about 900 enterprise groups which have significant international investment activity. The information from this survey serves as input to the quarterly publication Balance of Payments and International Investment Position, Australia (Cat. no. 5302.0).

Data Detail

- Foreign assets by direction and type of investment;
- Foreign liabilities by direction and type of investment;
- Australian investment abroad—levels of investment, investment flows and associated income; and
- Foreign investment in Australia—levels of investment, investment flows and associated income.

Detailed data on the transport industry are not published but are available on request.

INTERNATIONAL INVESTMENT AND TRADE

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released quarterly.

Historical Data

The first publication devoted specifically to foreign investment statistics was released in 1954–55. Since September quarter 1997, data from the survey are included in Balance of Payments and International Investment Position (Cat. no. 5302.0).

Products and Services

Publications

- *Balance of Payments and International Investment Position, Australia* (Cat. no. 5302.0)
- *Balance of Payments and International Investment Position, Australia* (Cat. no. 5363.0)
- *Balance of Payments and International Investment Position, Australia: Concepts, Sources and Methods* (Cat. no. 5331.0)

Other

- Special data services are available on request.

NAME OF COLLECTION

International Merchandise Trade Statistics

Contact

For queries on International Trade statistics:
Assistant Director
International Trade Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5411 (exports)
or 02 6252 5313 (imports)
Facsimile: Canberra 02 6252 7438

For data requests and client services:

Assistant Director
Information Consultancy Section

Telephone: Canberra 02 6252 6622
Facsimile: Canberra 02 6252 7102
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure Australian exports and imports of goods and provide inputs to major economic statistics such as the Balance of Payments and the National Accounts. Output is also used to: analyse changes in the commodity composition of exports and imports; examine regional trading patterns and directions; and formulate and review trade policy.

Description

Merchandise trade covers all moveable goods which add to (imports) or subtract from (exports) Australia's stock of material resources, as a result of their movement into or out of Australia.

Data are compiled from information submitted by exporters and importers or their agents to the Australian Customs Service (ACS).

Data Detail

Data are available for exports, imports (goods which cross the Customs frontier into Australia in a particular period) and imports cleared for home consumption (goods which enter the Australian domestic market in a particular period).

INTERNATIONAL INVESTMENT AND TRADE

Data Detail *continued*

The information available includes:

- Detailed commodity information;
- Value of goods;
- Quantity of goods;
- Gross weight of goods for
 - Exports by commodity;
 - Total imports—from 1 July 1992 onwards;
- Overseas country
 - Country of origin for imports and import clearances;
 - Country of final destination for exports;
- Overseas port (from 1 July 1992 onwards)
 - Port of loading for imports;
 - Port of discharge for exports;
- Australian State and port
 - State of discharge and State of final destination for imports;
 - State of final destination for import clearances;
 - State of origin and State of loading for exports;
- Mode of transport;
- Nature of entry details (imports and import clearances);
- Import duty rates, amount of duty paid on goods cleared for Australian consumption (import clearances), and other duty information.

International merchandise trade commodity statistics can be provided classified according to the third revision of the United Nations' *Standard International Trade Classification* (SITC Rev 3) or the World Customs Organisation's *Harmonized Commodity Description and Coding System* (HS); by broad economic categories (BEC); and by industry of origin (ANZSIC).

Geographic Coverage

Australia.

Frequency of Data Availability

Data are available monthly. Any aggregation of months can be provided.

Historical Data

Detailed statistics for reference periods from January 1998 are readily available. Statistics for earlier periods are also available, though not at the same level of detail.

Products and Services

Publications

For exports and imports statistics:

- *International Merchandise Trade, Australia* (Cat. no. 5422.0)—a quarterly publication available 35 working days after the end of the quarter to which it refers.

For imports statistics only:

- *International Merchandise Imports, Australia* (Cat. no. 5439.0)—a monthly publication available 12 working days after the end of the month to which it refers.

Other

- The international merchandise trade statistics consultancy service provides a wide range of information specifically tailored to clients' needs. Information is available on an ad hoc or subscription basis and can be provided on a range of media.
- Time series data in publication format are available from January 1998 onwards. Publications covering earlier periods are available for consultation in ABS libraries.
- International Trade Information Kit: outlines concepts and definitions, classifications, confidentiality, data availability, and products and services.

INTERNATIONAL INVESTMENT AND TRADE

Example of Information Available

The following table shows a sample of data relating to exports and imports of machinery and equipment and transport equipment. A more detailed table is available on request.

EXPORTS AND IMPORTS OF TRANSPORT EQUIPMENT

	Dec Qtr 1999		Mar Qtr 2000		Jun Qtr 2000	
	Exports	Imports	Exports	Imports	Exports	Imports
	\$m	\$m	\$m	\$m	\$m	\$m
<i>Machinery and transport equipment</i>						
Road vehicles (incl. air-cushion vehicles)	864	3 075	649	2 930	694	3 495
Motor vehicles principally designed for transport of persons	631	1 637	445	1 547	457	1 897
Motor vehicles for the transport of goods and special purpose motor vehicles	31	601	21	549	30	680
Road motor vehicles (incl. public transport)	5	107	2	97	3	100
Parts, nes and accessories of motor vehicles	185	520	167	559	187	652
Motorcycles (incl. mopeds) and cycles, motorized and non-motorized invalid carriages	5	174	9	141	13	131
Trailers/semi-trailers; vehicles not mechanically propelled, specially designed transport containers	6	36	4	36	4	33
Transport equipment (exl. road vehicles)	793	2 223	300	1 155	359	1 072
Railway vehicles (incl. hovertrains)	12	15	5	13	8	16
Aircraft and associated equipment; spacecraft	152	1 268	127	1 108	151	1 020
Ships, boats (incl. hovercraft) and floating structures	629	940	169	34	200	36

LABOUR

NAME OF COLLECTION

Average Weekly Earnings

Contact

Manager
Labour Statistics Centre
Average Weekly Earnings Survey
Australian Bureau of Statistics
GPO Box K881
PERTH WA 6842

Telephone: Perth 08 9360 5304
Facsimile: Perth 08 9360 5954
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide data on the average weekly earnings of employees in Australia.

Description

Data are the result of a quarterly survey conducted in respect of a pay period in the middle of February, May, August and November. The survey is conducted by mail each quarter from a sample of approximately 5,000 employer units to ensure adequate State and industry representation.

Data Detail

- Trend; seasonally adjusted and original estimate series;
- Sex;
- Industry (ANZSIC);
- Ordinary time and total earnings;
- Full-time adult and total earnings; and
- Sector of employment (public/private).

Data are available for persons employed in the transport and storage industry.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are released quarterly (preliminary and final releases).

LABOUR

Historical Data

Data are available from November 1983.

Products and Services available

Publications

- *Average Weekly Earnings, Australia, Preliminary*
(Cat. no. 6301.0)
- *Average Weekly Earnings, States and Australia*
(Cat. no. 6302.0)

Other

Special data services are available on request.

Example of Information Available

AVERAGE WEEKLY EARNINGS, INDUSTRY, AUSTRALIA, ORIGINAL, MAY 2000

<i>Industry</i>	<i>All employees total earnings</i> \$	<i>Percentage change (from corresponding quarter of previous year)</i>
Transport and storage	782.1	4.7
All industries	634.7	3.9

NAME OF COLLECTION

Employee Earnings and Hours

Contact

Output Manager
Survey of Employee Earnings and Hours
Australian Bureau of Statistics
GPO Box K881
PERTH WA 6001

Telephone: Perth 08 9360 5305
Facsimile: Perth 08 9360 5954
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide data on the distribution and composition of employee earnings and hours paid for employees in Australia and, from May 2000, how pay is determined for employees in different industries, occupations, states and sectors.

Description

This survey collects information on the distribution and composition of weekly earnings and hours of employees. An annual sample of approximately 9,000 employers is selected from the ABS Register of Businesses. A further sample of approximately 59,000 employees is selected from the businesses originally selected.

Data are collected by mail questionnaire.

Data Detail

Distribution and composition of earnings and hours of employees are classified by:

- Sex;
- Age (under 18 years, 18 to under 21 years, 21 years and over);
- Paid as Adult/junior;
- Industry;
- Occupation;
- State;
- Sector; and
- Size of firm.

LABOUR

Data Detail *continued*

Earnings are dissected into:

- Base pay;
- Payment by measured result (e.g. piecework);
- Overtime pay; and
- Total pay.

Methods of setting pay (e.g. Individual agreement, Collective agreement or Award). This is available by:

- State
- Occupation
- Industry
- Sector

Data are available for persons employed in the transport and storage industry.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

The survey has been conducted biennially from 1996.

Historical Data

Annual data are available for 1983 and from 1985–1996.

Products and Services Available

Publications

- *Employee Earnings and Hours, Australia, Preliminary* (Cat. no. 6305.0)
- *Employee Earnings and Hours, Australia* (Cat. no. 6306.0)

Other

Special data services are available on request.

Employee Earnings and Hours, States and Australia—Data Service (Cat. no. 6307.0)

Example of Information Available

EARNINGS AND HOURS, FULL-TIME
ADULT NON-MANAGERIAL
EMPLOYEES, TRANSPORT AND STORAGE,
AUSTRALIA, MAY 1998

	<i>Average weekly earnings</i>	<i>Average weekly hours paid for</i>
	<i>\$</i>	<i>hours</i>
Males	831.5	43.2
Females	687.3	39.2

LABOUR

NAME OF COLLECTION

Survey of Employment and Earnings (Employed Wage and Salary Earners)

Contact

Manager
Labour Statistics Centre Output Group
Australian Bureau of Statistics
GPO Box K881
PERTH WA 6001

Telephone: Perth 08 9360 5141
Facsimile: Perth 08 9360 5954
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide data on employment and gross earnings in Australia. To provide data for National Accounts purposes.

Description

The survey collects information from employer units on numbers of wage and salary earners employed each month and their quarterly earnings. The survey is conducted by mail each quarter from a sample of approximately 10,000 employer units. Data for a number of government departments are collected electronically.

Data Detail

Estimates are produced on numbers of wage and salary earners employed and their quarterly earnings, classified by:

- Sex (not collected March quarter 1997 onwards);
- Full-time/part-time (for the mid-month of each quarter);
- State;
- Sector;
- Level of government;
- Industry; and
- Size of employer unit.

Data are available for persons employed in the transport and storage industry..

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Quarterly.

Historical Data

Data are available from September 1983.

Products and Services available

Publications

- *Wage and Salary Earners, Australia* (Cat. no. 6248.0)

Other

Special data services are available on request.

Example of Information Available

WAGE AND SALARY EARNERS, INDUSTRY, AUSTRALIA, TREND

	May 1999	August 1999	November 1999	February 2000
<i>Industry</i>	'000	'000	'000	'000
Transport and storage	294.0	298.2	306.9	304.6
All industries(a)	7 223.3	7 196.5	7 223.4	7 154.7

(a) Includes employees of government agencies classified to Agriculture, forestry and fishing.

LABOUR

NAME OF COLLECTION

Industrial Disputes

Contact

Manager
Industrial Disputes Unit
Australian Bureau of Statistics
GPO Box 2796Y
MELBOURNE VIC 3001

Telephone: Melbourne 03 9615 7329

Facsimile: Melbourne 03 9615 7776

Email: client.services@abs.gov.au

Internet: <http://www.abs.gov.au>

Purpose

To produce statistics on industrial disputes in Australia.

Description

Information is collected on the number of industrial disputes involving stoppages of work of 10 working days or more. Ten working days is equivalent to the amount of ordinary time worked by 10 people in one day, regardless of the length of stoppage. For example, 3,000 workers on strike for two hours would be counted as 750 working days lost (assuming they work an 8-hour day).

Reports of stoppages of work are obtained primarily from media scanning services, from trade journals, publications and newspapers. Statistics on industrial disputes are compiled mainly from data obtained from employers and employer associations, from trade unions and from reports of government authorities.

Data Detail

- Number of disputes;
- Number of employees involved;
- Number of working days lost and working days lost per thousand employees;
- Industry;
- Cause and duration of dispute; and
- Method of settlement.

Data are available for disputes in the transport and storage industries.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Monthly.

Historical Data

Industrial disputes data were collected annually from 1913 and monthly from 1959.

Products and Services Available

Publications

- *Industrial Disputes, Australia* (Cat. no. 6321.0)—monthly

A range of unpublished data are available on request including dispute details at more detailed industry levels, cross-classified by State/Territory. Considerable time series exist for most variables.

Example of Information Available

<i>Period</i>	<i>Transport and storage services</i>	<i>All industries</i>
	'000	'000
1996	19.0	928.5
1997	36.3	534.2
1998	14.5	526.3
1999	19.6	650.5

LABOUR

NAME OF COLLECTION

Job Vacancies Survey

Contact

Manager
Labour and Statistics Centre
Job Vacancies Survey
Australian Bureau of Statistics
GPO Box K881
PERTH WA 6842

Telephone: Perth 08 9360 5304
Facsimile: Perth 08 9360 5954
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide data on job vacancies for employees in Australia.

Description

The survey provides statistics on job vacancies. A sample of 4,800 employers is selected from the ABS Register of Businesses. The survey is conducted by interview every quarter.

Data Detail

Number of job vacancies.

- Job vacancy rates;
- Industry (ANZSIC); and
- Sector.

Data are available for job vacancies in the transport and storage industry.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Quarterly.

Historical Data

Data are available from November 1983.

Industry data is available from May 1994.

Products and Services Available

Publications

- *Job Vacancies and Overtime, Australia* (Cat. no. 6354.0)

Other

Special data services are available on request.

Example of Information Available

JOB VACANCIES, INDUSTRY, AUSTRALIA, ORIGINAL, 1999				
	<i>February</i>	<i>May</i>	<i>August</i>	<i>November</i>
<i>Industry</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>	<i>'000</i>
Transport and storage	*2.3	*2.7	*3.1	*2.6
All industries	82.8	88.9	110.0	103.2

LABOUR

NAME OF COLLECTION

Labour Costs

Contact

Manager
Labour Statistics Centre
Australian Bureau of Statistics
GPO Box K881
PERTH WA 6842

Telephone: 08 9360 5144
Facsimile: 08 9360 5954
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide data on employee earnings and other labour costs for States, Territories and Australia.

Description

This survey provides estimates of labour costs (i.e. earnings, superannuation, workers' compensation, payroll tax and fringe benefits tax) for the private and public sectors. The sample survey is conducted by mail. For the 1996–97 survey, approximately 8,200 units were selected from the ABS Register of Businesses, to ensure adequate State and industry representation. The statistical units were stratified by State and Territory, industry and employment size. For the public sector, level of government/public enterprise status were also used as stratification variables.

Data Detail

Labour costs (employee earnings, superannuation, workers' compensation, payroll tax and fringe benefits tax).

Data are available for transport and storage industry.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

The survey was last run in 1996–97. Results were released in July 1998.

Historical Data

Data are available for 1985–86 to 1988–89, 1990–91, 1991–92, 1993–94 and 1996–97.

Products and Services Available

Publications

- *Labour Costs, Australia* (Cat. no. 6348.0)

Other

Special data services are available on request.

Example of Information Available

LABOUR COSTS, PRIVATE AND PUBLIC SECTORS, INDUSTRY						
<i>Transport and storage</i>	<i>Earnings</i>	<i>Superannuation</i>	<i>Payroll tax</i>	<i>Workers' compensation</i>	<i>Fringe benefits tax</i>	<i>Total labour costs</i>
\$million						
1991-92	10 153	945	480	309	53	11 940
1993-94	9 826	968	499	322	63	11 678

LABOUR

NAME OF COLLECTION

Labour Force Survey

Contact

Contact Officer
Labour Force Estimates Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra (02) 6252 6525
Facsimile: Canberra (02) 6252 7784
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure the levels of employment and unemployment over time.

Description

Data provide estimates of labour force characteristics such as employment, unemployment, number of persons in the labour force, unemployment rates and participation rates. A household-based, sample survey is conducted monthly by personal interview.

Data Detail

- Employment and unemployment;
- Participation rate;
- Unemployment rate;
- Persons not in the labour force;
- Status in employment (employers, own account workers, employees or contributing family workers);
- Hours worked;
- Industry and occupation;
- Sex, age, marital status, country of birth, family status, educational attendance;
- Full-time and part-time status; and
- Duration of unemployment.

Estimates for employed persons classified by industry, occupation and status in employment are available for each February, May, August and November.

In relation to transport, data are available on the characteristics of employed persons in the transport and storage industry.

Geographic Coverage

Australia, States and Territories and regional estimates.

Frequency of Data Availability

Monthly: Data are released within four weeks after the reference period.

Quarterly: Data relating to industry, occupation and status of worker are released within four weeks after the reference period.

Historical Data

February 1978. Regional data are available monthly from October 1982.

Products and Services Available

Publications

- *Labour Force, Australia* (Cat. no. 6203.0)
- *Labour Force, New South Wales and Australian Capital Territory* (Cat. no. 6201.1)
- *Labour Force, Victoria* (Cat. no. 6202.2)
- *Labour Force, Queensland* (Cat. no. 6201.3)

Other

Electronic information services:

AUSSTATS 1300 135 211

Internet: <http://www.abs.gov.au>

Special data services are available on request. Inquiries should be made to the Contact officer or any ABS office.

LABOUR

Example of Information Available

EMPLOYED PERSONS, AUSTRALIA, AUGUST 2000	
<i>ANZSIC Group</i>	<i>'000</i>
A AGRICULTURE, FORESTRY AND FISHING	444.0
B MINING	79.2
C MANUFACTURING	1 144.4
D ELECTRICITY, GAS AND WATER SUPPLY	65.0
E CONSTRUCTION	713.4
F WHOLESALE TRADE	454.3
G RETAIL TRADE	1 306.2
H ACCOMMODATION, CAFES AND RESTAURANTS	459.0
I TRANSPORT AND STORAGE	418.6
J COMMUNICATION SERVICES	175.0
K FINANCE AND INSURANCE	329.6
L PROPERTY AND BUSINESS SERVICES	1 070.3
M GOVERNMENT ADMINISTRATION AND DEFENCE	349.1
N EDUCATION	634.4
O HEALTH AND COMMUNITY SERVICES	852.0
P CULTURAL AND RECREATIONAL SERVICES	221.0
Q PERSONAL AND OTHER SERVICES	332.8

NAME OF COLLECTION

Labour Force Supplementary Surveys

Contact

Assistant Director
 Labour Force Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6504
 Facsimile: Canberra 02 6252 7784
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To identify various aspects of and changes in the labour force. The supplementary surveys provide additional data not collected in the Labour Force Survey, and the specific purpose of each varies according to the topic.

Description

Labour force supplementary surveys are conducted as a supplement to the Labour Force Survey. The supplementary surveys cover a wide variety of topics. The survey samples are a subset of the monthly Labour Force Survey, and sample sizes of the supplementary surveys may vary from topic to topic. The collection is a household-based sample conducted by personal interview.

Data Detail

Supplementary surveys are carried out on various aspects of the labour force. Data are available for transport industries. For a list of the supplementary surveys, see products and services available below.

Geographic Coverage

Australia, States and Territories and statistical regions for some data items.

Frequency of Data Availability

Various: Annual to triennial; some are irregular. See *Catalogue of Publications and Products* (Cat. no. 1101.0).

Historical Data

Various. See *Catalogue of Publications and Products* (Cat. no. 1101.0).

LABOUR

Products and Services

Publications

- *Labour Force Experience, Australia* (Cat. no. 6206.0)
- *Labour Mobility, Australia* (Cat. no. 6209.0)
- *Multiple Jobholding, Australia* (Cat. no. 6216.0)
- *Persons Not in the Labour Force, Australia* (Cat. no. 6220.0)
- *Job Search Experience of Unemployed Persons, Australia* (Cat. no. 6222.0)
- *Transition from Education to Work, Australia* (Cat. no. 6227.0)
- *Retirement and Retirement Intentions, Australia* (Cat. no. 6238.0)
- *Labour Force Status and Other Characteristics of Migrants, Australia* (Cat. no. 6250.0)
- *Career Experience, Australia* (Cat. no. 6254.0)
- *Retrenchment and Redundancy, Australia* (Cat. no. 6260.0)
- *Persons Employed at Home* (now known as Locations of Work), *Australia* (Cat. no. 6275.0)
- *Employee Earnings, Membership and Trade Union Membership* (Cat. no. 6310.0)
- *Trade Union Members, Australia* (Cat. no. 6325.0) Now combined with 6310.0
- *Employment Benefits, Australia* (Cat. no. 6334.0) Now combined with 6310.0
- *Working Arrangements, Australia* (Cat. no. 6342.0)
- *Forms of Employment, Australia* (Cat. no. 6359.0)

Example of Information Available

EMPLOYEES IN MAIN JOB BY TYPE OF BENEFIT RECEIVED AND TRADE UNION MEMBERSHIP,
AUSTRALIA, AUGUST 1997

<i>Industry</i>	Type of standard benefit received					<i>Proportion receiving a standard benefit</i>	<i>Proportion who were trade union members</i>
	<i>No standard benefit</i>	<i>Super- annuation</i>	<i>Holiday leave</i>	<i>Sick leave</i>	<i>Long- service leave</i>		
	'000	'000	'000	'000	'000	%	%
Agriculture, forestry and fishing	25.7	122.3	72.2	70.9	37.2	83.5	7.1
Mining	2.1	74.2	68.5	68.3	61.0	97.3	43.9
Manufacturing	41.7	964.5	871.7	867.0	759.2	96.0	36.6
Electricity, gas and water supply	0.3	67.8	64.4	63.9	64.1	99.6	65.9
Construction	30.2	302.9	233.4	234.9	206.2	91.2	33.5
Wholesale trade	24.1	400.2	360.6	358.9	293.5	94.5	12.7
Retail trade	218.2	745.9	514.8	520.4	400.1	78.1	22.3
Accommodation, cafes and restaurants	73.4	262.1	145.3	140.4	104.3	78.7	15.5
Transport and storage	19.7	285.7	245.8	245.5	221.2	93.7	47.5
Communications services	6.3	131.1	125.2	124.2	117.7	95.5	59.8
Finance and insurance	4.6	293.9	273.8	273.4	259.9	98.5	35.5
Property and business services	63.6	635.2	498.7	494.0	387.3	91.2	10.0
Government administration and defence	12.0	320.4	299.8	301.7	293.9	96.4	43.5
Education	35.1	527.2	453.0	468.7	435.4	93.9	49.3
Health and community services	34.1	667.7	567.4	564.3	511.5	95.3	34.6
Cultural and recreational services	20.5	133.8	96.6	97.4	78.5	87.1	23.8
Personal and other services	27.6	215.3	189.0	186.4	157.4	89.1	27.7
Total	639.3	6 150.0	5 080.3	5 080.4	4 388.4	90.8	30.3

LABOUR

NAME OF COLLECTION

Wage Cost Index

Contact

Manager
Labour Cost Index WA
Australian Bureau of Statistics
GPO Box K881
PERTH WA 6842

Telephone: 08 9360 5151
Facsimile: 08 9360 5954
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide a key measure of the changes over time in the price of labour. The survey results are used in formulating industrial relations and wages policies, economic analysis and contract adjustment.

Description

The WCI measures changes over time in wage and salary rates of pay for employee jobs which would not reflect changes in the composition of the labour force, numbers of jobs, hours worked or changes in characteristics of employees and their career paths.

The usefulness of index numbers stems from the fact that index numbers for any two periods can be used to directly calculate the change or movement in hourly rates of pay between the two periods. These movements can be compared within States, sectors, industries or occupations. Index numbers cannot be compared across States as they do not provide comparative information on levels of hourly rates of pay. Similarly, index numbers cannot be compared across sectors, industries or occupations.

Sample design:

A two-stage sampling procedure is used to generate a sample of employee jobs for the WCI. In the first stage of sampling, a random sample of approximately 4,100 public and private sector businesses are selected from the ABS Business Register. In the second stage of sampling, a random sample of approximately 19,000 employee jobs is selected from the payrolls of the selected businesses.

Data Detail

Published Indexes:

- Indexes of total hourly rates of pay excluding bonuses, Sector by industry (ANZSIC Division), Sector by occupation.
- Indexes of ordinary time hourly rates of pay excluding bonuses, Sector by industry (ANZSIC Division), Sector by occupation.
- Indexes of hourly rates of pay including bonuses, Sector.

Unpublished Indexes:

- Indexes of total hourly rates of pay including bonuses.
- Indexes of ordinary time hourly rates of pay including bonuses.

Geographic Coverage

Australia, State/Territory.

Frequency of Data Availability

Quarterly.

Historical Data

Data is available from the quarter ending Dec 1997 (base quarter is the quarter ending September 1997 where the index value = 100.0).

For historical series please see Award Rates of Pay Indexes (ABS Catalogue no. 6312.0) 1939–1997.

Products and Services

Publications

- Wage Cost Index, Australia (Cat. no. 6345.0)
- Information Paper: Wage Cost Index, Australia 2000 (Cat. no. 6346.0)

Other

Special data services are available on request.

LABOUR

Example of Information Available

TOTAL HOURLY RATES OF PAY EXCLUDING BONUSES, SECTOR INDUSTRY			
<i>Industry</i>	Index numbers(a)		Percentage change
	<i>Sep Qtr 1997</i>	<i>Dec Qtr 1997</i>	<i>Sep Qtr 1997 to Dec Qtr 1997</i>
PRIVATE			
Transport and storage	100.0	101.0	1.0
All industries	100.0	100.8	0.8
PRIVATE AND PUBLIC			
Transport and storage	100.0	100.8	0.8
All industries	100.0	100.8	0.8

(a) Base of each index: September Quarter 1997=100.0

MANUFACTURING

NAME OF COLLECTION

Manufacturing Production Survey

Contact

Assistant Director
Manufacturing and Construction Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5639
Facsimile: Canberra 02 6252 8014
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To collect production quantities of selected major manufacturing commodities for Australia.

Description

The information about the level and movement of manufacturing activity is used as an important economic indicator. Detailed commodity and geographical data are mainly used for market analysis.

Data are collected by mail questionnaire. This survey does not collect data from single establishment manufacturing businesses with fewer than four persons employed or from establishments primarily engaged in non-manufacturing activities but which may carry out some manufacturing in a minor way.

Data are also collected from a number of different sources, including Department of Primary Industries and Energy, Australian Bureau of Agricultural and Resource Economics, Australian Dairy Corporation and from ABS agriculture collections.

Data Detail

Production quantities of commodities.

Data are available for automotive gasoline, fuel oil, aviation turbine fuel and automotive diesel oil.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released monthly, quarterly and annually.

Products and Services

Publications

- *Manufacturing Production, Australia* (Cat. no. 8301.0)

Other

- Special data services are available on request.

Example of Information Available

COMMODITY PRODUCTION, ALL SERIES(a)

<i>Industry</i>	1996				1997		Percentage changes between latest quarter shown and	
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>previous quarter</i>	<i>same quarter previous year</i>	
Automotive diesel oil (megalitres)								
Original	3 277	3 362	3 253	r3 186	3 392	6.5	3.5	
Seasonally adjusted	3 212	3 471	3 244	r3 146	3 355	6.6	4.4	
Trend	3 267	3 312	3 291	3 252	3 250	-0.1	-0.5	

(a) Trend estimates shown may have been revised.

MANUFACTURING

NAME OF COLLECTION

Manufacturing Survey

Contact

Assistant Director
Manufacturing and Construction Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5639
Facsimile: Canberra 02 6252 8014
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide key measures of the performance of the Australian manufacturing industry.

Description

This survey collects information about the operation and financial performance of all businesses which earn the majority of their income from trading in goods produced by the business. The 1996–97 survey has a sample of 64,000 businesses, with a subsample of about 7,500 businesses providing more detailed data on value of commodities sold, income and expenses.

Data are collected by mail questionnaire.

Data Detail

- Employment;
- Wages and salaries;
- Turnover;
- Industry gross product; and
- Exports by manufacturers.

Data are available for the above items for motor vehicle and parts manufacturing, shipbuilding, boat building, railway equipment manufacturing, aircraft manufacturing and transport equipment manufacturing.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are released annually.

Historical Data

The survey was first conducted in 1968.

Products and Services

Publications

- *Manufacturing Industry, Australia, Preliminary* (Cat. no. 8201.0)
- *Manufacturing Industry, Australia* (Cat. no. 8221.0)
- *Manufacturing* (Cat. no. 8225.0)

Example of Information Available

MANUFACTURING ESTABLISHMENTS, SUMMARY OF OPERATIONS BY INDUSTRY CLASS—AUSTRALIA,
1995–96

<i>Industry class</i>	<i>Employment at end of June(a) no.</i>	<i>Wages and salaries(b) \$m</i>	<i>Turnover \$m</i>	<i>Industry gross product \$m</i>	<i>Turnover per person employed(c) \$'000</i>	<i>Industry gross product per person employed(d) \$'000</i>
Motor vehicle and part mfg						
Motor vehicle mfg	21 022	810.3	9 537.9	2 112.2	453.7	100.5
Motor vehicle body mfg	7 265	194.5	918.9	354.6	126.5	48.8
Automotive electrical and instrument mfg	5 145	163.4	901.4	273.3	175.2	53.1
Automotive component mfg n.e.c.	21 384	669.8	3 168.8	1 141.3	148.2	53.4
Total	54 817	1 837.9	14 527.0	3 881.3	265.0	70.8

(a) Includes working proprietors. (b) Excludes the drawings of working proprietors. (c) Turnover divided by the number of persons employed at the end of June. Includes working proprietors. (d) Industry gross product divided by the number of persons employed at the end of June. Includes working proprietors.

MINING AND UTILITIES

NAME OF COLLECTION

Biennial Fuel and Electricity Survey

Contact

Senior Energy Analyst
Australian Bureau of Agricultural and Resource Economics
(ABARE)
Minerals, Energy and Resource Branch
GPO Box 1563
CANBERRA ACT 2601

Telephone: Canberra 02 6272 2140

Facsimile: Canberra 02 6272 2344

Email: sbush@abare.gov.au

Internet: <http://www.abare.gov.au>

Purpose

To provide policy makers and energy consumers with an insight into energy use and production at the Australian and State level, on which to base their medium and long term planning.

Description

This survey is the basis for a biennial energy supply and demand publication which contains historical and forecast information.

The major input into ABARE's biennial energy projections is the information collected in the biennial fuel and electricity survey supplemented with information from energy suppliers and producers. The report is a profile of the Australian energy sector, past present and future. The future is a set of projections of energy consumption and production to the year 2009–10. The past is an historical perspective of trends in energy markets since the early to mid-1970s. All energy types, all states, and all main sectoral divisions of the Australian energy market are covered.

Data are collected by mail questionnaire to 3,000 respondents.

Data Detail

Energy consumed by:

- Fuel type;
- Equipment type;
- Industry (ANZSIC); and
- Establishment.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are available biennially. The latest release was in February 1997.

Historical Data

Data are available from 1973–74.

Products and Services

Publications

- *Australian Energy Consumption and Production Historical Trends and Projections to 2009–10*

Other

- More detailed statistical information is available on floppy disk. Special data services are available on request.

Example of Information Available

<http://www.abare.gov.au>

MINING AND UTILITIES

NAME OF COLLECTION

Mining and Utilities Collection

Contact

Supervisor
Mining and Construction Section
Australian Bureau of Statistics
GPO Box 2272
ADELAIDE SA 5100

Telephone: Adelaide 08 8237 7621
Facsimile: Adelaide 08 8237 7557
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To enable users to monitor the operation and financial performance of the businesses in the Australian mining and utilities industries.

Description

This survey provides information on the structure, activity and performance of businesses in the Australian mining and utilities industries. Data are derived from the Mining and Utilities Collection.

The mining component of the collection covers the ANZSIC classes for coal mining, oil and gas extraction, metal ore mining, other mining and services to mining.

The utilities component of the collection covers ANZSIC classes for businesses engaged in the generation, transmission or distribution of electricity; the manufacture of town gas from coal and/or petroleum or the mains distribution of town gas, natural gas or liquefied petroleum gas; the storage, purification or supply of water; or the operation of sewerage or drainage systems including sewage treatment plants.

Data are collected by mail questionnaire.

Data Detail

For mining:

- Structure of the mining industry;
- Mineral and petroleum exploration¹;
- Identified mineral resources¹;
- Mineral production;

¹ Externally sourced and periodically published.

Data Detail *continued*

- Financial operations;
- Industry performance measures;
- Employment;
- Industrial relations¹;
- Research and development expenditure¹;
- Environmental protection expenditure;
- Overseas trade¹; and
- World comparison¹.

For electricity:

- Generation¹;
- Consumption¹;
- Output¹;
- Transmission and distribution¹;
- Employment;
- Income and expenditure;
- Assets and Liabilities;
- Acquisitions and disposal of fixed tangible assets; and
- Industry performance measures;

For gas:

- Availability¹;
- Reticulation and transmission¹;
- Production, sales and consumption¹;
- Employment;
- Income and expenditure;
- Assets and liabilities;
- Acquisitions and disposal of fixed tangible assets; and
- Industry performance measures;

For water and sewerage:

- Water use¹;
- Sewage volume¹;
- Financial status;
- Employment.

MINING AND UTILITIES

Data Detail *continued*

Mineral and petroleum exploration, research and development expenditure, and overseas trade are extracted from other ABS sources.

In relation to transport, data are available for freight and cartage expenses, rent, leasing and hiring expenses for motor vehicles, and motor vehicle running expenses.

Geographic Coverage

Australia, and States and Territories for selected industries and information.

Frequency of Data Availability

Data are released annually.

Historical Data

Data were first published in 1968–69.

Products and Services

Publications

- *Mining, Electricity and Gas Operations, Australia, Preliminary* (Cat. no. 8401.0)
- *Australian Mining Industry* (Cat. no. 8414.0)
- *Mining Operations, Australia* (Cat. no. 8415.0)
- *Electricity, Gas, Water and Sewerage Industries, Australia* (Cat. no. 8208.0)
- *Electricity, Gas, Water and Sewerage Operations* (Cat. no. 8226.0)

Example of Information Available

	MANAGEMENT UNITS, ELECTRICITY INDUSTRY, MOTOR VEHICLE EXPENSES, AUSTRALIA	
	1994–95	1995–96
	\$m	\$m
Rent, leasing and hiring expenses	16.3	19.7
Running expenses	100.4	81.3

MOTOR VEHICLE FINANCE

NAME OF COLLECTION

Lending Finance

Contact

Contact Officer
Financial Surveys Section
Australian Bureau of Statistics
GPO Box 796
SYDNEY NSW 2001

Telephone: Sydney 02 9268 4784
Facsimile: Sydney 02 9268 4276
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide data on the value of finance commitments for individuals for secured owner occupied housing and other personal finance commitments under fixed and revolving credit facilities, and data on the value of commercial finance commitments to businesses under fixed and revolving credit facilities and the value of goods under finance lease commitments.

Description

Data are collected from significant lenders (such as banks, building societies and credit unions) only. Significant lenders account in aggregate for at least 95 per cent of the Australian total and at least 90 per cent of each State total of the value of commitments for secured housing finance for owner occupation, other personal finance, commercial finance and lease finance.

An annual collection is conducted to maintain coverage of significant lenders. New lenders are included as their level of lending becomes significant.

Data Detail

- Housing finance for owner occupation;
- Personal finance;
- Commercial finance; and
- Lease finance.

In relation to transport, data are available for personal, commercial and lease finance commitments for motor vehicles.

MOTOR VEHICLE FINANCE

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are available monthly.

Historical Data

Data are available from January 1985.

Products and Services

Publications

- *Lending Finance* (Cat. no. 5671.0)

Other

- Detailed data reports for personal, commercial and lease finance are available on request.

Example of Information Available

FINANCE COMMITMENTS FOR MOTOR VEHICLES(a), ORIGINAL

Month	PERSONAL FINANCE							
	New motor cars and station wagons	Used motor cars and station wagons	Motor cycles	Other motor vehicles	Total	Commercial finance	Lease finance	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
1998								
January	247.0	462.6	14.9	31.0	755.5	301.1	333.1	1 389.7
February	250.3	462.8	15.6	32.3	761.0	308.9	361.1	1 431.1
March	284.0	480.2	16.2	37.2	817.5	361.6	466.8	1 645.9
April	245.5	444.9	16.7	32.8	740.0	295.8	409.2	1 445.0
May	253.9	447.8	18.3	32.3	752.3	294.8	416.8	1 463.9

MOTOR VEHICLE INDUSTRY

NAME OF COLLECTION

ABCA Factsheet-Bus & Coach Industry Statistics

Contact

Contact Officer
 Australian Bus & Coach Association
 Locked Bag 13
 NORTH PARRAMATTA NSW 2151

Telephone: Sydney 02 9630 8655
 Facsimile: Sydney 02 9683 1465
 Email: abic@ozemail.com.au
 Internet: <http://www.buscon.com.au>

Purpose

To provide a single source of Australian Bus and Coach Industry statistical information in a summarised form.

Description

The Australian Bus and Coach Association (ABCA) represents the interests of eleven Bus and Coach Associations in Australia. The ABCA Factsheet outlines the importance of the private bus and coach industry in Australia—its size, role and contribution to the economy.

This is an update of the 1990 Factsheet providing data on members of the ABCA, as well as providing an indication of the role of the private bus industry in the entire transport task. Unless otherwise stated, the data presented in the factsheet are for 1991—92, and have been obtained from studies conducted by the Institute of Transport Studies (University of Sydney), from data collected by the ABCA itself, and from published sources.

Data Detail

- Industry size and scope;
- Industry assets;
- Fleet composition;
- State distribution;
- Operating expenditure;
- Energy consumption and emissions;
- Taxes and charges;
- Road expenditure;
- Safety record; and
- Productivity comparisons.

MOTOR VEHICLE INDUSTRY

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

The factsheet is published every three years.

Historical Data

Data are available from 1990.

Products and Services

Publications

- 1994 Factsheet: The Private Bus and Coach Industry in Australia

NAME OF COLLECTION

ITS International Bus and Coach Performance Benchmarking Program

Contact

Professor
Institute of Transport Studies
University of Sydney
SYDNEY NSW 2006

Telephone: Sydney 02 9351 0071 or 02 9351 0086
Facsimile: Sydney 02 9351 0088
Email: jennyk@its.usyd.edu.au
Internet: <http://www.its.usyd.edu.au>

Purpose

To develop, maintain and update a data information system for the bus and coach industry.

Description

This survey provides indicators for establishing agreed benchmarks of efficiency and effectiveness for the industry.

Data are collected by mail questionnaire sent to bus and coach operators who are members of the program.

Data Detail

Average partial and gross total factor productivity measures of performance. Partial measures include:

- Revenue per passenger;
- Cost per passenger;
- Revenue per vehicle kilometre;
- Cost per vehicle kilometre; and
- Passengers per vehicle kilometre.

Geographic Coverage

NSW.

Frequency of Data Availability

The survey is conducted annually.

Historical Data

Data are available for 1995–96.

Products and Services

Other

- Aggregate data summaries are available on request for a fee.

MOTOR VEHICLE INDUSTRY

NAME OF COLLECTION

Large and Special Vehicle Survey

Contact

Research Assistant
National Road Transport Commission
PO Box 13105
LAW COURTS VIC 8010

Telephone: Melbourne 03 9321 8408
Facsimile: Melbourne 03 9321 8408
Email: nrtc@ozonline.com.au
Internet: <http://www.nrtc.gov.au>

Purpose

To estimate the number and operating characteristics of large and special purpose vehicles in Australia.

Description

The survey was conducted in 1996 to obtain vehicle type data comparable to the 1991 ABS Survey of Motor Vehicle Use data.

Data were collected from a sample of 269 vehicles from 102 businesses by mail questionnaire.

Data Detail

Business:

- Type of business;
- Industry sector of involvement;
- Number of employees;
- Type of freight transported;
- Number of trailer/platform units; and
- Number by body type by configuration.

Vehicle:

- Number of months of operation;
- Vehicle type by primary use during the past 12 months;
- Percentage of travel in months of operation;
- Percentage of travel in each State, area of operation and kilometres from base;
- Number of axles and gross weight of total vehicle; and
- Number of axles and tare weight of prime mover.

Geographic Coverage

Australia.

Frequency of Data Availability

The survey has been conducted only once—in 1996.

Historical Data

Data are available for 1996.

Products and Services

Publications

- *Large and Special Vehicle Survey: Final Report, November 1996, NRTC (No. 9271)*

MOTOR VEHICLE INDUSTRY

NAME OF COLLECTION

Survey of Motor Vehicle Hire Industry

Contact

Manager
Service Industry Surveys
Australian Bureau of Statistics
GPO Box 2796Y
MELBOURNE VIC 3001

Telephone: Melbourne 03 9615 7588
Facsimile: Melbourne 03 9615 7917
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide information on the economic characteristics of the Motor Vehicle Hire Industry in Australia.

Description

Data were collected from all employing businesses classified to Motor Vehicle Hiring (ANZSIC Class 7741), apart from fleet management businesses, in respect of 1991–92. The industry includes all those enterprises mainly engaged in leasing, hiring or renting motor vehicles from their own stock, without drivers, and for periods of less than one year. A mail questionnaire was sent to all enterprises in the Motor Vehicle Hire Industry.

Data Detail

- Number of enterprises;
- Employment;
- Wages and salaries;
- Components of income and expenses;
- Assets and liabilities; and
- Details of motor vehicle rentals (including total vehicle rental days and number of vehicles in rental fleet).

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data release is irregular.

Historical Data

Data are available for 1986–87 and 1991–92.

MOTOR VEHICLE INDUSTRY

Products and Services

Publications

- *Motor Vehicle Hire Industry, Australia* (Cat. no. 8652.0)

Other

- Special data services are available on request.

Example of Information Available

SUMMARY OF OPERATIONS FOR THE MOTOR VEHICLE HIRE INDUSTRY

	1986-87	1991-92	Percentage change
	<i>no.</i>	<i>no.</i>	<i>%</i>
Businesses at end of June	217	222	2.3
Employment at end of June	3 071	3 016	-1.8
Vehicles in rental fleet at end of June	22 132	23 304	5.3

MOTOR VEHICLE PRICES

MOTOR VEHICLE PRICES

NAME OF COLLECTION

Motor Vehicle Pricing, Specification and User and Trend Analyses

Contact

Managing Director
Glass's Guide
48 La Trobe Street
MELBOURNE VIC 3000

Telephone: Melbourne 03 9663 3009
Facsimile: Melbourne 03 9663 3049
Email: glassad@glassguide.com.au
Internet: <http://www.glassguide.com.au>

Purpose

To provide vehicle values and identification in both hardcopy and electronic formats.

Description

Published data is collected by telephone interviews, face to face interviews, data analysis, external reports and industry electronic data transfers.

Data Detail

- Values and identification of new and used vehicles by make and model.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are available monthly.

Historical Data

Data are available from 1960.

Products and Services

- Vehicle pricing and identification guides dating back to 1960.
- Motorcycle pricing and identification guide.
- Marine pricing and identification guide.
- Caravan and campervan identification guide.
- Identification manual.
- Industry directories.
- Electronic information services.
- Internet new vehicle and pricing identification service.

Example of Information Available

<http://www.glassguide.com.au>

MOTOR VEHICLE REGISTRATIONS

MOTOR VEHICLE REGISTRATIONS

NAME OF COLLECTION

Licensed Commercial Passenger Vehicles in Victoria

Contact

Policy Officer
Victorian Taxi Directorate
Department of Infrastructure (Victoria)
PO Box 666
NORTH MELBOURNE VIC 3051

Telephone: Melbourne 03 9320 4374
Facsimile: Melbourne 03 9320 4339
Internet: <http://www.doi.vic.gov.au>

Purpose

To monitor and regulate licensed commercial passenger vehicles in Victoria.

Description

Data from these collections are based on internal records collected by the Victorian Taxi Directorate (VTD). VTD regulates commercial vehicle licences for taxis, hire cars, special purpose vehicles, and buses. It also monitors Melbourne taxi licence market value and sets Victorian taxi fares.

Data Detail

- Number of taxi licences on issue;
- Number of hire car, special purpose vehicle, and bus licences;
- Monthly market value of Melbourne taxi licences; and
- Victorian taxi fares.

Geographic Coverage

Victoria.

Frequency of Data Availability

Data are available monthly.

Historical Data

Data available from 1988.

Products and Services

Other

- Hardcopy data are available on request.

NAME OF COLLECTION

Licensed Tow Trucks in Victoria

Contact

Manager, Tow Truck Operations
 Tow Truck Directorate of Victoria
 Department of Infrastructure (Victoria)
 PO Box 666
 NORTH MELBOURNE VIC 3051

Telephone: Melbourne 03 9320 4328
 Facsimile: Melbourne 03 9320 4339
 Email: jeff.dalman@doi.vic.gov.au
 Internet: <http://www.doi.vic.gov.au>

Purpose

To provide information on the number and type of licensed tow trucks operating within Victoria.

Description

As the regulating body for tow trucks in Victoria, the Tow Truck Directorate of Victoria controls and records the number of current tow truck licences.

Data Detail

- Number of licenced tow trucks;
- Number of accident-attending tow truck licences;
- Number of trade-towing licences;
- Number of heavy-accident tow truck licences; and
- Number of drivers holding driver authority.

Geographic Coverage

Victoria.

Frequency of Data Availability

Data are available monthly.

Historical Data

Data are available from 1995.

Products and Services

Other

- Hardcopy data are available on request.

MOTOR VEHICLE REGISTRATIONS

NAME OF COLLECTION

Motor Vehicle Census

Contact

Manager
Motor Vehicle Census
Australian Bureau of Statistics
GPO Box 9817
BRISBANE QLD 4001

Telephone: Brisbane 07 3222 6119
Facsimile: Brisbane 07 3222 6334
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To collect information on the number and characteristics of registered vehicles in Australia.

Description

The Motor Vehicle Census (MVC) is an annual collection of data on registered vehicles in Australia. The ABS collects registration information from all State and Territory motor registries, converts the information to a standard format and then edits it. The scope of the collection is all vehicles, powered or towed, which have unrestricted road access and valid registration on the day the census is conducted.

Data Detail

- Number of vehicles;
- Type of vehicles;
- Type of fuel;
- Make of vehicles;
- Model of vehicles;
- Year of manufacture;
- Tare weight;
- Gross Vehicle Mass (GVM);
- Gross Combination Mass (GCM);
- Number of seats;
- Number of cylinders; and
- Engine capacity;

MOTOR VEHICLE REGISTRATIONS

Geographic Coverage

Australia, States and Territories, and residential post code of owner.

Frequency of Data Availability

From 1995, data are released annually. Data in respect of 31 October 1999 were released in August.

Historical Data

Published data are available for 1971, 1976, 1979, 1982, 1985, 1988, 1991, 1993, 1995, 1997, 1998 and 1999.

Products and Services

Publications

- *Motor Vehicle Census, Australia* (Cat. no. 9309.0)

Other

- *TranStats, Australia on CD-ROM* (Cat. no. 9312.0.30.001)

Customised data products are provided on request. Data for some years are available electronically.

Example of Information Available

ESTIMATED AVERAGE AGE(a) OF THE VEHICLE FLEET(b) BY TYPE OF VEHICLE AT 31 OCTOBER

	1997	1998	1999
<i>Type of vehicle</i>	<i>years</i>	<i>years</i>	<i>years</i>
Passenger vehicles	10.5	10.4	10.3
Campervans	17.6	18.1	18.4
Light commercial vehicles	11.4	11.5	11.4
Rigid trucks with GVM 4.5 tonnes or less	12.5	12.5	12.7
Rigid trucks with GVM greater than 4.5 tonnes	15.0	15.3	15.4
Articulated trucks	11.5	11.6	11.6
Non-freight carrying trucks	13.8	14.3	14.6
Buses	9.1	9.3	9.5
Motor cycles	10.2	10.2	10.1
Total	10.7	10.7	10.6

(a) For more details on calculation of average age refer to the Glossary. (b) Excludes plant and equipment, caravans and trailers.

MOTOR VEHICLE REGISTRATIONS

NAME OF COLLECTION

New Motor Vehicle Registrations

Contact

Manager
New Motor Vehicle Registrations
Australian Bureau of Statistics
GPO Box 9817
BRISBANE QLD 4001

Telephone: Brisbane 07 3222 6180
Facsimile: Brisbane 07 3222 6284
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide estimates of new motor vehicle registrations.

Description

New Motor Vehicle Registrations (NMVR) is a monthly collection of the number of new vehicles registered for the first time for normal road use. It is used as a proxy for sales of new vehicles and considered to be a main economic indicator. Data are obtained from State and Territory motor vehicle registration authorities and reflect information contained in registration documents.

Data Detail

Original, seasonally adjusted and trend estimates of motor vehicle registrations by:

- Type of vehicle;
- Make of vehicle; and
- Model of vehicle.

Other characteristics of vehicles which are not published but available on request include:

- Town name (locality);
- Area (of registered owner, e.g. capital city, rest of state);
- Vehicle details:
 - Year of manufacture;
 - Make;

MOTOR VEHICLE REGISTRATIONS

Data Detail *continued*

- Model;
- Body type;
- Engine capacity;
- Number of cylinders;
- Fuel type;
- Gross vehicle mass (GVM);
- Gross combination mass (GCM);
- Tare;
- Heavy vehicle registration code;
- Private/business indicator; and
- Vehicle fleet indicator.

Geographic Coverage

Australia, States and Territories, and residential post code of owner.

Frequency of Data Availability

Data are released monthly.

Historical Data

Published data are available from 1960. More detailed unpublished data are available from July 1993.

Products and Services

Publications

- *New Motor Vehicle Registrations, Australia, Preliminary* (Cat. no. 9301.0)

Other

Special data services are available on request.

Example of Information Available

NEW MOTOR VEHICLES, REGISTRATIONS BY TYPE, ORIGINAL, AUSTRALIA, 1998

<i>Month</i>	<i>Passenger vehicles</i>	<i>Light commercial vehicles</i>	<i>Rigid trucks</i>	<i>Articulated trucks</i>	<i>Non-freight carrying trucks</i>	<i>Buses</i>	<i>Total (excludes motor cycles)</i>	<i>Motor cycles</i>
May	54 185	9 031	1 038	353	101	345	65 053	2 013
June	73 153	12 702	1 275	418	104	402	88 054	2 145
July	63 188	8 760	1 178	372	110	361	73 969	2 333
August	54 789	7 700	1 040	413	85	313	64 340	2 276
September	55 373	7 991	1 129	327	123	295	65 238	2 732

MOTOR VEHICLE SALES

NAME OF COLLECTION

Australian Motor Industry New Truck Sales

Contact

Executive Officer
Federal Chamber of Automotive Industries (FCAI)
GPO Box 313
CANBERRA ACT 2601

Telephone: Canberra 02 6247 3811
Facsimile: Canberra 02 6248 7673
Email: fcai@spirit.com.au
Internet: <http://autonews.net> (Restricted access)

Purpose

To provide commercial vehicle industry members and other interested parties with detailed monthly reports on new truck sales by make/model and within market segment.

Description

Truck Tracker was set up by the Commercial Vehicle Committee of the FCAI to provide an effective means of reporting new truck sales. The previous system was based on registration data gathered from various State jurisdictions. The truck tracker system is based on retail reporting by all member companies, with this information being audited by the ABS.

Data Detail

- Date of retail;
- Town name (locality);
- Buyer type (private, fleet—government, non-government);
- Vehicle details:
 - Vehicle identification number (VIN);
 - Make;
 - Model;
 - Generation;
 - Grade;
 - Body style;
 - Axle configuration;
 - Engine displacement;
 - Cylinders;

MOTOR VEHICLE SALES

Data Detail *continued*

- Maximum engine power;
- Fuel type;
- Transmission type;
- Number of forward gears;
- Wheels;
- Gross Vehicle Mass (GVM);
- Gross Combination Mass (GCM); and
- Country of origin

Geographic Coverage

Australia, States and Territories, metro/rural, post code location.

Frequency of Data Availability

Data are collected daily and released monthly (on the fifth working day of the month).

Historical Data

Data are available from 1991.

Products and Services

Publications

- Truck Tracker Service Reports (Sample package is available on request.)

Other

- Email, floppy disk (both in Excel, Lotus or ASCII) and hardcopy reports. There are standard service reports, which provide a comprehensive view of industry performance, however specialist reports can be quoted. These may be subject to restriction of information as determined by the policy of FCAI's Commercial Vehicle Committee.

NAME OF COLLECTION

Australian Motor Industry New Vehicle Sales

Contact

Manager
 VFACTS Unit
 Federal Chamber of Automotive Industries (FCAI)
 GPO Box 313
 CANBERRA ACT 2601

Telephone: Melbourne 03 9829 1234
 Facsimile: Melbourne 03 9867 4006
 Email: vfacts@ocean.com.au
 Internet: <http://autonews.net> (Restricted access)

Purpose

To provide Australian motor industry members and other interested parties with monthly reports on new vehicle sales by make/model and within market segment.

Description

The VFACTS Unit was set up by the Statistics and Economics Committee of FCAI to provide an effective means of reporting new vehicle sales. The previous system was based on registration data gathered from various state jurisdictions. The VFACTS system is based on retail reporting by all member companies, with this information being audited by the ABS.

Data Detail

Each reported sale contains attributes or reference to a model table of attributes, which enable VFACTS to report on details of the sale such as:

- Date of retail;
- Town name (locality);
- Buyer type (private, fleet—government, non-government);
- Vehicle details:
 - Vehicle identification number (VIN);
 - Make;
 - Model;
 - Generation;
 - Grade;
 - Body style;
 - Number of side doors;
 - Number of seats;

MOTOR VEHICLE SALES

Data Detail *continued*

- Engine displacement;
- Cylinders;
- Maximum engine power;
- Fuel type;
- Transmission type;
- Number of forward gears;
- Wheels;
- Gross Vehicle Mass (GVM) (heavy trucks only);
- Gross Combination Mass (GCM) (heavy trucks only);
and
- Country of origin.

Geographic Coverage

Australia, States and Territories, metro/rural, post code location.

Frequency of Data Availability

Data are collected daily and released monthly (on the fifth working day of the month).

Historical Data

Data are available from 1992.

Products and Services

Publications

- VFACTS Service Reports (Sample package is available on request.)

Other

- <http://autonews.net> (Restricted access)
- Email, floppy disk (both in Excel, Lotus or ASCII) and hardcopy reports. There are standard reports which provide a comprehensive view of industry performance, however, specialist reports can be quoted. These may be subject to restriction of information as determined by the FCAI's Statistics and Economics Committee policy.

MOTOR VEHICLE USE

NAME OF COLLECTION

Adelaide Taxi Industry Studies

Contact

Administrative Officer
Transport Systems Centre
University of South Australia
GPO Box 2471
ADELAIDE SA 5001

Telephone: Adelaide 08 8302 1771
Facsimile: Adelaide 08 8302 1880
Email: kylie.cook.@unisa.edu.auInternet:
<http://www.unisa.edu.au/tsc/index.html>

Purpose

To provide an insight and establish trends in the Adelaide taxi industry based on quantitative evidence, for the benefit of regulatory and commercial users.

Description

The Adelaide Taxi Industry Baseline Study was performed in 1996, and subsequent studies, funded by the South Australia Passenger Transport Research and Development Fund, are planned every two years.

Under the guidance of a reference group, data were assembled from a variety of sources including driver worksheets, rank observations, analysis of radio booking data, accreditation data, commissioned surveys of customers and job advertisements (for drivers).

In a series of nine two-week surveys, driver worksheets were sent out to a sample of 100 drivers. Radio booking data were obtained from all radio companies covering the entire 1996 period of operation. Nine rank observation surveys were conducted over 24 metropolitan sites for one week periods (typically consisting of four hours observation per day). These observations used 23 trained observers completing specialised field sheets.

Data Detail

Trip and shift details:

- Revenue per trip;
- Revenue per total kilometre;
- Revenue per shift;
- Revenue per active hour;

MOTOR VEHICLE USE

Data Detail *continued*

- Trips per shift;
- Passengers per trip;
- Total kilometres per shift;
- Average shift length;
- Percentage of live kilometres;
- Percentage of live time;
- Proportion of each means of engagement (telephone, rank, hail);
- Proportion of each method of payment (e.g. cash); and
- Origin/destination.

Taxi details:

- Number of taxis and a breakdown of each type (general, special, standby); and
- Number of the different taxi operational modes (e.g. owner-operators).

Telephone booking details:

- Daily booking totals.

Passenger details:

- Average pick-up delay time after telephone booking;
- Waiting time at selected ranks; and
- Attitudinal survey.

Geographic Coverage

Metropolitan Adelaide.

Frequency of Data Availability

Complete data are released in about April of the year after a study is completed.

Historical Data

The baseline study was conducted in 1996. A subsequent study was conducted in 1998.

Products and Services

Publications

- *Radbone, I, Primerano, F and Clement, SJ (1997). Adelaide Taxi Industry Baseline Study 1996. Final Report 10 April 1997, SA Passenger Transport Board.*

Products and Services *continued*

- *Primerano, F, Clement, SJ, and Radbone, IG (1997). The Adelaide Taxi Industry Baseline Study: Design and Delivery. Papers of the 21st Australian Transport Research Forum, Vol. 2, pp. 901–16.*

Example of Information Available

<http://www.unisa.edu.au/tsc/index.html>

MOTOR VEHICLE USE

NAME OF COLLECTION

1991-92 Commercial Vehicle Survey

Contact

Client Services Manager
Transport Data Centre (TDC)
NSW Department of Transport
PO Box 1620
SYDNEY NSW 2001

Telephone: Sydney 02 9268 2858
Facsimile: Sydney 02 9268 2853
Email: tdcdata@transport.nsw.gov.au
Internet: <http://www.transport.nsw.gov.au>

Purpose

To gain a better understanding of the distribution of freight and commercial traffic in the Greater Sydney Metropolitan Region (GSMR).

Description

The collection was a 12-month sample survey of 10,000 non-privately registered vehicles in the GSMR and was conducted in respect of 1991-92. It collected vehicle and travel details for the sampled commercial vehicles over a nominated 24-hour period.

Data were expanded (weighted) to represent the total number of commercial vehicles registered in the TDC Study Area. Data were collected by mail questionnaire.

Data Detail

Vehicle details:

- Vehicle type;
- Body type;
- Use of trailer; and
- State of registration.

Trip details:

- Travel day;
- Origin/destination SLA;
- Start/arrival time;
- Travel time;
- Distance;
- Speed;

Data Detail *continued*

- Commodity;
- Weight of load; and
- Whether goods were delivered or picked up.

Geographic Coverage

GSMR (Sydney, Central Coast, Newcastle, Wollongong, Blue Mountains).

Frequency of Data Availability

Data are only available in respect of 1991–92. A new Commercial Transport Study is being developed to provide better estimates of freight travel in Sydney.

Historical Data

Data are available for 1991–92.

Products and Services

Publications

- *Availability of Commercial Transport Data in NSW (TDC Report 96/1)*
- *An Introduction to TDC's Commercial Vehicle Survey (Issues Paper 96/1)*
- *Commercial Vehicle Movements in the Sydney Region (TDC Report 94/11)*

Other

- Customised data requests available in hardcopy (tables, graphs, mapped) or electronically (text, database, spreadsheet format). Data can be provided on CD-ROM, floppy disk, or by email.

Example of Information Available

www.transport.nsw.gov.au

MOTOR VEHICLE USE

NAME OF COLLECTION

Compilation of Weigh in Motion Data for Trucks

Contact

Principal Economist
ARRB Transport Research
500 Burwood Highway
VERMONT SOUTH VIC 3133

Telephone: Melbourne 03 9881 1566
Facsimile: Melbourne 03 9887 8104
Email: thorolft@arrb.org.au
Internet: <http://www.arrb.org.au>

Purpose

To assess the impact of heavy vehicles on pavement and bridges.

Description

The survey is a compilation of one year's data generated by a large proportion of operational weigh in motion sites around Australia.

Results are based on more than 10,000 records from electronic data acquisition.

Data Detail

- Heavy vehicle type;
- Mass (several classifications);
- Speed; and
- Time of day (varying output file formats)

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data release is irregular.

Historical Data

Data is available from 1993, prior to that little is available.

Products and Services

Other

- Data can be provided on CD-ROM for a fee.

Example of Information Available

<http://www.arrb.org.au>

NAME OF COLLECTION

International Database on Urban Land Use and Transport

Contact

Senior Lecturer in Urban Environment
Sustainable Urban Transport Research Group
Institute for Science and Technology Policy
Murdoch University
MURDOCH WA 6150

Telephone: Perth 08 9360 2876
Facsimile: Perth 08 9360 6421
Email: kenworth@central.murdoch.edu.au
Internet: <http://www.wistp.murdoch.edu.au>

Purpose

To provide accurate comparative urban data on transport and land use patterns in cities around the world, including for later years, economic and environmental data.

Description

The database was developed to understand the patterns of automobile dependence around the world and to provide a reliable source of urban data for policy analysis and further research.

Data was collected from government agencies in 46 cities in North America, Europe, Asia, and Australia for 1960, 1970, 1980, and 1990.

A new research methodology will extend the number of cities to 100 in the developed and developing countries and will also expand the breadth of data variables collected. This project is being funded by the International Union of Public Transport (UITP) in Brussels and is scheduled for completion in April 1999.

Data Detail

- Land use/urban form;
- Private transport/transport infrastructure;
- Public transport;
- Transport energy;
- Modal split;
- Costs of transport;
- Gross regional product;
- Transport fatalities; and
- Emissions from transport.

MOTOR VEHICLE USE

Geographic Coverage

For each city: Metropolitan areas, CBD, inner area, outer area. Transport data are on metro scale. Land use is divided according to the above sub-areas.

Frequency of Data Availability

Data are released every ten years.

Historical Data

Data are available for 1960, 1970, 1980 and 1990.

Products and Services

Publications

Academic papers, reports and books. A new book will be published in first half of 1999—with all historic and most recent data and detailed methodologies: *Kenworthy, J. and Laube, F. et al, 1999. An International Sourcebook of Automobile Dependence in Cities, 1960–1990*. University Press of Colorado. (Contact Yashka Hallein: hallein@spot.colorado.edu)

Other

- An electronic version is being developed.
- Special data services, including unpublished data, reports and advice on urban data collection are available on request. Consulting fees will be charged for services.

Example of Information Available

www.wistp.murdoch.edu.au

NAME OF COLLECTION

Survey of Motor Vehicle Use

Contact

Manager
Survey of Motor Vehicle Use
Australian Bureau of Statistics
GPO Box 9817
BRISBANE QLD 4001

Telephone: Brisbane 07 3222 6294
Facsimile: Brisbane 07 3222 6334
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide information on motor vehicle use in Australia.

Description

The Survey of Motor Vehicle Use (SMVU) collects information on the use of passenger vehicles, motor cycles, light commercial vehicles, rigid trucks, articulated trucks and buses. A new quarterly survey methodology designed to produce annual estimates, was introduced from 1 August 1997. At the start of the quarterly survey period, owners of vehicles selected in the survey are asked to return a questionnaire reporting selected vehicle characteristics and the vehicle's odometer reading. The owner is also alerted to an end of quarter follow up questionnaire seeking details about the use of the vehicle over the quarter and a second odometer reading. In previous surveys the owner was asked to recall details of vehicle use over the 12 months prior to receiving the questionnaire. The current sample size is based on 5,000 vehicles each quarter.

Because of the significant changes introduced by the new survey, users are cautioned against making direct comparisons between 1998 survey results and those produced from previous surveys.

Data Detail

- Vehicle type;
- Distance travelled;
- Fuel consumption;
- Area of travel;
- Purpose of travel;
- Loads carried;
- Commodities carried; and
- Driver characteristics.

MOTOR VEHICLE USE

Geographic Coverage

Australia, States and Territories. Some data may be available by capital city and provincial urban areas.

Frequency of Data Availability

The SMVU has been conducted periodically since 1963 and every three years between 1976 and 1991. The first annual data for 1998 from the new survey was released in February 2000. Data for the year ending 31 July 1999 was released on 21 July 2000.

Historical Data

Data are available for 1963, 1971, 1976, 1979, 1982, 1985, 1988, 1991 and 1995.

Products and Services

Publications

- *Survey of Motor Vehicle Use, Australia, Preliminary* (Cat.no. 9202.0)
- *Survey of Motor Vehicle Use, Australia* (Cat. no. 9208.0)
- *Information Paper, Motor Vehicle Use, Australia* (Cat. no. 9219.0)
- *Motor Vehicles in Australia* (Cat. no. 9311.0)

Other

- Special data services are available on request.

Example of Information Available

MOTOR VEHICLE USE—12 MONTHS ENDED 31 JULY 1998 AND 1999

<i>Type of Vehicle</i>	1998	1999	<i>Percentage change</i>
TOTAL KILOMETRES TRAVELLED (million)			
Passenger vehicles	134 261	137 885	2.7
Motor cycles	1 350	1 003	-25.7
Light commercial vehicles	24 958	24 986	0.1
Rigid trucks	6 015	6 382	6.1
Articulated trucks	4 921	5 262	6.9
Non-freight carrying trucks	175	274	56.8
Buses	1 639	1 843	12.4
Total	173 317	177 635	2.5

(a) The average number of vehicles registered for the 12 months ended 31 July. (b) Includes registered vehicles that did not travel during the reference period. (c) Calculated using average number of registered vehicles. Includes registered vehicles that did not travel during the reference period. (d) Calculated using the total fuel consumption divided by the total kilometres travelled for each type of fuel by type of vehicle.

NAME OF COLLECTION

Rail and Bus Use Survey

Contact

Director
 Apelbaum Consulting Group
 PO Box 6712, St Kilda Road Central
 MELBOURNE VIC 3004

Telephone: Melbourne 03 9530 2588
 Facsimile: Melbourne 03 9530 2510
 Email: acg1@tpgi.com.au

Purpose

To provide estimates on the passenger and freight task of Australian rail and bus services.

Description

The survey covers public transport rail and bus operations including the passenger and freight tasks and fuel consumption.

Data are collected by mail questionnaire sent to approximately 15 organisations.

Data Detail

- Passenger journeys;
- Tonne kilometres;
- Fuel consumed;
- Tonnes carried;
- Peak/Off-peak travel;
- Interstate/Intrastate task; and
- Light/heavy rail.

Geographic Coverage

Australian States and Territories.

Frequency of Data Availability

Data release is irregular.

Historical Data

Data are available for 1991, 1995 and 1998.

Products and Services

Publications

- *Australian Transport Task, Energy Consumed and Greenhouse Gas Emissions*

MOTOR VEHICLE USE

NAME OF COLLECTION

Road User Data

Contact

Director
Apelbaum Consulting Group
PO Box 6712, St Kilda Road Central
MELBOURNE VIC 3004

Telephone: Melbourne 03 9530 2588
Facsimile: Melbourne 03 9530 2510
Email: acg1@tpgi.com.au

Purpose

To provide information on vehicle road use in Australia and the States.

Description

The national road database was revised and restructured to better align with industry estimates of fuel consumed and distanced travelled. It is based on existing data and collections.

Data Detail

- Distanced travelled;
- Tonne kilometres;
- Passenger kilometres;
- Fuel and energy consumed;
- Emissions;
- Productivity measures; and
- Fuel consumption rate.

Geographic Coverage

Australia, States and Territories, capital cities, urban and non-urban areas.

Frequency of Data Availability

Data release is irregular.

Historical Data

Data are available for 1985, 1988, 1991 and 1995.

Products and Services

Publications

- *Australian Transport Task, Energy Consumed and Greenhouse Gas Emissions*

Other

- Special data services are available of request.

NAME OF COLLECTION

Total Vehicle and Truck Volumes

Contact

Manager
 Road Information Section
 Information Services Department
 VicRoads
 60 Denmark Street
 KEW VIC 3101

Telephone: Melbourne 03 9854 2870
 Facsimile: Melbourne 03 9854 2166
 Email: Harveyw@vrnotes.roads.vic.gov.au
 Internet: <http://www.VicRoads.vic.gov.au>

Purpose

To provide data on strategic traffic growth and trends on Victoria's declared roads network.

Description

Vehicle and truck data are collected on Victoria's declared road network at selected strategic sites. Measurements include speed, volume and vehicle mass. The data are collected at permanent counting stations and supplementary portable counting sites (approximately 1,300 sites).

Data Detail

- Austroads Vehicle Classification;
- Total vehicle volumes (axle counts);
- Turning movement by vehicle classification;
- Speed data; and
- Vehicle mass.

Geographic Coverage

Victoria, local government areas, metropolitan statistical divisions.

Frequency of Data Availability

Data are available annually. Some data are available monthly depending on program collection requirements.

Historical Data

Data are available from 1986.

MOTOR VEHICLE USE

Products and Services

Publications

- *Traffic Parameters* (Hardcopy)
- *Traffic Volume Summary*
- *CULWAY Six-monthly Report*

Other

- For data request, contact Road Information Customer Service
03 9854 2954.

Example of Information Available

<http://www.VicRoads.vic.gov.au>

NAME OF COLLECTION

Traffic Volume Data

Contact

Traffic Data Manager
 Traffic Technology Branch
 Roads and Traffic Authority of NSW
 52 Rothschild Avenue
 ROSEBERY NSW 2018

Telephone: Sydney 02 9662 5616
 Facsimile: Sydney 02 9662 5169
 Email: Ray_Daltrey@rta.nsw.gov.au
 Internet: <http://www.rta.nsw.gov.au>

Purpose

To provide traffic flow information to enable reporting on the achievement of corporate road safety and traffic management objectives.

Description

Traffic volume statistics are compiled by year of survey and RTA region from surveys undertaken under a three year program. They are based on 1,500 samples (per year) from field surveys at designated locations throughout New South Wales.

Data Detail

Vehicle count.

Geographic Coverage

New South Wales.

Frequency of Data Availability

Whole of state over three years repeating.

Historical Data

Data are available from 1960.

Products and Services

Publications

- *Traffic Volume Publication*

Other

- Software copies available on request.

MOTOR VEHICLE USE

NAME OF COLLECTION

Truck Load Survey—Survey of Truck Use and Loading Patterns

Contact

Research Assistant
National Road Transport Commission
PO Box 13105
LAW COURTS VIC 8010

Telephone: Melbourne 03 9321 8408
Facsimile: Melbourne 03 9321 8408
Email: nrtc@ozonline.com.au
Internet: <http://www.nrtc.gov.au>

Purpose

To provide information on how truck loads and usage patterns vary over time, that is, how much travel is undertaken while empty, partly laden and fully laden.

Description

Data were collected from a sample of 272 businesses by mail questionnaire, trip diary and personal interview. The sample was based on information from yellow pages, Oz-on-disc, state transport directories and other organisations.

Data Detail

Business characteristics:

- Primary business;
- Type of freight carried;
- Size of truck fleet;
- Components owned;
- Number of employees; and
- Number of self-employed persons.

Vehicle diary:

- Truck/trailer/body type;
- Survey period;
- Travel for survey period;
- Date/location/load/freight at beginning of trip; and
- At each nine stops: new vehicle configuration, location, kilometres, load collected and weight, load delivered and weight.

Data Detail *continued*

Data collected from personal interview:

- Average load verification and seasonal variation;
- Frequency of using major rural highways;
- Cubic constraints;
- Expected response to increased mass limits; and
- Other matters affecting freight business.

Geographic Coverage

Australia.

Frequency of Data Availability

The collection has been conducted only once—in 1994.

Historical Data

Data are available for 1994.

Products and Services

Publications

- *Survey of Truck Use and Loading Patterns: Results*
- *Survey of Truck Use and Loading Patterns: Conduct of survey, Working Paper 14*

MOTOR VEHICLE USE

NAME OF COLLECTION

Vehicle and Driver Statistics

Contact

Manager, Registration Research Unit
Roads and Traffic Authority (RTA) of NSW
PO Box K198
HAYMARKET NSW 2000

Telephone: Sydney 02 9218 3578
Facsimile: Sydney 02 9218 6563
Email: Barbara_Black@rta.nsw.gov.au
Internet: <http://www.rta.nsw.gov.au>

Purpose

To provide vehicle registration and driver statistics for New South Wales.

Description

Vehicle and driver statistics are compiled by the Research Unit of the Registration Policy Section of the RTA. Statistics are compiled from the DRIVES registration database and are based on a census of about four million NSW vehicle and driver records.

Data Detail

Vehicle type by region;

- Fuel type;
- Vehicle use (e.g. business, private);
- Vehicle make;
- New and second hand registrations;
- Stolen vehicle counts;
- Licences by class;
- Licences by age and gender of holder;
- Vehicles by age and gender of operator;
- Greenslip (Compulsory third party insurance) statistics;
- Vehicle age in years; and
- Number of driving tests.

Geographic Coverage

New South Wales, Local Government Areas and post codes.

Frequency of Data Availability

Data are collected monthly. Quarterly and annual reports are produced.

Historical Data

Annual data are available from 1993 for registration statistics and from 1995 for licensing statistics.

Products and Services

Publications

- *Vehicle and Driver Statistics*. Annual and quarterly reports. (Phone: 02 9218 6570)

Other

- Data through electronic delivery and floppy disk are available on request. There is no charge for provision of data which are readily available. More complex requests will be charged for.

Example of Information Available

www.rta.nsw.gov.au

MOTOR VEHICLE USE

NAME OF COLLECTION

Vehicle Speed Survey: Non-urban Arterial Roads

Contact

Principal Economist
ARRB Transport Research
500 Burwood Highway
VERMONT SOUTH VIC 3133

Telephone: Melbourne 03 9881 1566
Facsimile: Melbourne 03 9887 8104
Email: thorolft@arrb.org.au
Internet: <http://www.arrb.org.au>

Purpose

To provide estimates of the impact of road geometry, road surface condition and traffic on vehicle speeds.

Description

The collection consists of a rolling series of speed studies from 1995 to 1997 on roads with specific geometry, traffic, surface type, and condition characteristics.

The survey is based on more than 10,000 records from electronic data acquisition.

Data Detail

Data are cross-classified by:

- Vehicle type;
- Speed;
- Time of day;
- Direction;
- Vehicle separation; and
- Road link and site characteristics.

Geographic Coverage

New South Wales, Victoria, Queensland and Western Australia.

Frequency of Data Availability

Data release is irregular.

Historical Data

Data are available from 1995.

Products and Services

Other

- Data can provided on CD-ROM for a fee.

Example of Information Available

<http://www.arrb.org.au>

MOTOR VEHICLE USE

NAME OF COLLECTION

The Victorian Activity and Travel Survey

Contact

Director
Transport Research Centre
RMIT University
PO Box 598 Market St
MELBOURNE VIC 8007

Telephone: Melbourne 03 9629 4835 or 9925 5607
Facsimile: Melbourne 03 9829 4839
Email: trc@rmit.edu.au
Internet: <http://www.trc.rmit.edu.au>

Purpose

To provide information on personal travel and out of home activity in the metropolitan statistical district.

Description

The survey collects information on daily travel and activity. It is based on a survey of 10,000 households. Data are collected by mail questionnaire.

Data Detail

- Demographic details (age, sex, number of occupants, household structure, employment, education, income, licence);
- Vehicle details (type, ownership);
- Trip details (road, start time and location, end time and location, purpose, passengers); and
- Activity details (location, start time, end time, location type).

Geographic Coverage

Melbourne metropolitan statistical district.

Frequency of Data Availability

Data are released annually.

Historical Data

Data are available for 1994, 1995, 1996 and 1997.

Products and Services

Publications

- VATS—Users Manual

Other

Special data services (electronic delivery and CD-ROM) are available on request.

Example of Information Available

<http://www.trc.rmit.edu.au>

NATIONAL ACCOUNTS

NAME OF COLLECTION

Australian National Accounts

Contact

Director
National Income and Expenditure Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6713
Facsimile: Canberra 02 6252 5327
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide a systematic summary of national economic activity.

Description

The Australian National Accounts publications contain detailed estimates of national income, expenditure and product. The National Accounts are compiled from a wide range of statistical sources including transport data from many ABS collections.

Compilation methods are provided in *Australian National Accounts: Concepts, Sources and Methods* (Cat. no. 5216.0).

Data Detail

- Gross Domestic Product (GDP);
- Gross domestic product account;
- National income account;
- National capital account;
- External account;
- Industry gross value added;
- Gross fixed capital formation;
- Capital stock,
- Consumption of fixed capital;
- Gross operating surplus plus gross mixed income, and
- Compensation of employees.

Data are available for the transport industries.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are released annually and quarterly for Australia, and the States and Territories.

Historical Data

Annual data were first compiled in 1945, when data were published for the years 1938-39 to 1944-45. However, the current annual historical series commenced in 1948-49. Quarterly data were first published in 1960. The current quarterly series commenced in September quarter 1959.

Products and Services

Publications

- *Australian National Accounts, National Income, Expenditure and Product* (Cat. no. 5204.0)
- *Australian National Accounts, National Income, Expenditure and Product* (Cat. no. 5206.0)
- *Australian National Accounts, Input-Output Tables* (Cat. no. 5209.0)
- *Australian National Accounts, Input-Output Tables (Commodity Details)* (Cat. no. 5215.0)
- *Australian National Accounts, Concepts, Sources and Methods* (Cat. no. 5216.0)
- *Australian National Accounts, State Accounts* (Cat. no. 5220.0)
- *Australian National Accounts, National Balance Sheet* (Cat. no. 5241.0.40.001)
- *Australian National Accounts, Financial Accounts* (Cat. no. 5232.0)
- *A Guide to the Australian National Accounts* (Cat. no. 5235.0)
- *Information Paper, Australian National Accounts, Introduction to Input-Output Multipliers* (Cat. no. 5246.0)

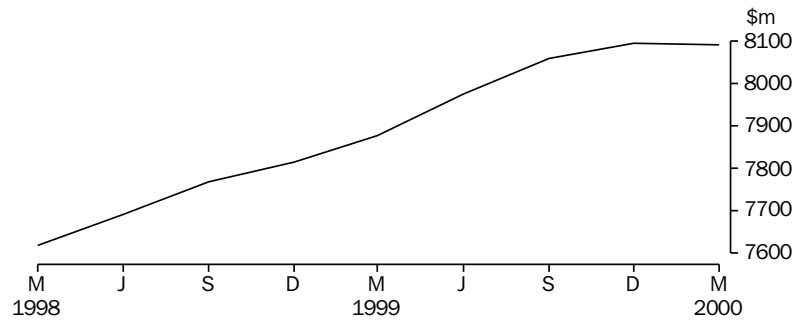
Other

- *Australian National Accounts, Quarterly State Details* (Standard Data Service Cat. no. 5206.0.40.001)
- Cat. nos. 5204.0, 5206.0 and 5220.0 are available on PC AUSSTATS 1300 135 070.
- Dial-a-statistic 1900 986 400

NATIONAL ACCOUNTS

Example of Information Available

INDUSTRY GROSS VALUE ADDED(a) CHAIN VOLUME MEASURES(b),
TRANSPORT AND STORAGE—TREND



(a) Basic Prices
(b) Reference Year 1997-98

PIPELINE

NAME OF COLLECTION

Survey of Australian Pipeline Use and Energy Consumed

Contact
Director
Apelbaum Consulting Group
PO Box 6712 St Kilda Road Central
MELBOURNE VIC 3004

Telephone: Melbourne 03 9530 2588
Facsimile: Melbourne 03 9530 2510
Email: acg1@tpgi.com.au

Purpose

To provide information on the Australian pipeline task and energy consumed

Description

The survey covers major Australian oil, gas, water and slurry pipelines.

Data are collected by mail questionnaire sent to Australian pipeline operators.

Data Detail

- Pipeline through port (tonnes, cubic metres);
- Type of commodity transported;
- Quantity of fuel consumed; and
- Tonne kilometres.

Geographic Coverage

Australian States and Territories.

Frequency of Data Availability

Data release is irregular.

Historical Data

Data are available for 1991 and 1995.

Products and Services

Publications

- *Australian Transport Task, Energy Consumed and Greenhouse Gas Emissions*

RAIL

NAME OF COLLECTION

Rail Industry Survey

Contact

Research Officer
Research Department
Australasian Railway Association
PO Box 266, Collins Street West
MELBOURNE VIC 8007

Telephone: Melbourne 03 9614 5316
Facsimile: Melbourne 03 9614 5514
Email: DavidHill@access.net.au
Internet: <http://www.ara.net.au>

Purpose

To provide information on the rail industry.

Description

The information is based on the analysis of annual reports of rail operators and a survey of member organisations. Data are collected by mail questionnaire, telephone interview and personal interview from 117 member organisations.

Data Detail

- Freight flows;
- Passenger flows;
- Employee numbers;
- Net tonne kilometres;
- Type of commodities;
- Investments; and
- Financial data (e.g. turnover).

Geographic Coverage

Australia and New Zealand.

Frequency of Data Availability

Data are available annually.

Historical Data

Some data are available from 1987.

Products and Services

Publications

- *Yearbook and Industry Directory*
- *Network Rail*
- *Rail FACT Sheets*

Other

- Aggregate industry data can be provided by fax or email.

RAIL

NAME OF COLLECTION

Rail System Energy Use and Efficiency

Contact

Associate Professor
School of Mathematics and Statistics
University of Wollongong
WOLLONGONG NSW 2522

Telephone: Wollongong 02 4221 3421
Facsimile: Wollongong 02 4221 4845
Email: phillip.laird@uow.edu.gov

Purpose

To provide data in respect of each Government rail system on aggregate energy use and average energy efficiency of rail freight.

Description

Data comprise estimates, for each financial year, of liquid fuel use and electricity use for freight and passenger tasks, average rail freight energy efficiency, and total Federal fuel excise paid by rail systems.

Data are collected by mail questionnaire from six government rail systems.

Data Detail

- Diesel use by rail system;
- Electricity use for traction;
- Diesel use by freight;
- Electricity use by freight;
- Diesel use by passengers;
- Electricity use by passengers;
- Freight tasks in tonne kilometres;
- Rail freight energy efficiency; and
- Federal fuel excise.

Geographic Coverage

Australia, State rail system.

Frequency of Data Availability

Data are released annually.

Historical Data

Data are available from 1989–90.

Products and Services

Publications

- *Transport Reviews (Rail Freight Efficiency and Competitiveness in Australia), 1998, vol. 18*

ROAD TRAFFIC ACCIDENTS

NAME OF COLLECTION

Causes of Death

Contact

Contact Officer
Health and Vitals Section
Australian Bureau of Statistics
GPO Box 9817
BRISBANE QLD 4001

Telephone: Brisbane 07 3222 6069
Facsimile: Brisbane 07 3222 6038
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide information on the causes of death as a basis for research by medical and health professionals.

Description

Causes of death data are provided by the Registrar of Birth, Deaths and Marriages in each State and Territory. The information supplied to the ABS is that contained in medical certificates of causes of death prepared by the certifying medical practitioner.

Data Detail

- Causes of death;
- Number of deaths;
- Age at death;
- Country of birth and duration of residence;
- Infant deaths;
- Deaths of indigenous people; and
- Year of deaths;

In relation to transport, data are available for motor vehicle traffic accidents and motor vehicle non-traffic accidents, other road vehicle accidents, railway accidents, water transport accidents and air and space transport accidents.

Geographic Coverage

Australia, States and Territories down to SLA level.

ROAD TRAFFIC ACCIDENTS

Frequency of Data Availability

Causes of death data are usually collected from Registrar of Deaths every month. Data are released annually (calendar year basis).

Historical Data

Causes of death statistics have been produced since the early 1900s and are available electronically from 1964.

Products and Services

Publications

- *Causes of Death, Australia* (Cat. no. 3303.0)
- *Deaths, Australia* (Cat. no. 3302.0)

Example of Information Available

CAUSES OF DEATH, AUSTRALIA								
Cause of death	1993		1994		1995		1996	
	Males	Females	Males	Females	Males	Females	Males	Females
Motor vehicle traffic accidents	1 384	572	1 369	590	1 398	631	1 399	544
All causes	65 085	56 509	67 459	59 224	66 246	58 878	68 201	60 510

ROAD TRAFFIC ACCIDENTS

NAME OF COLLECTION

National Health Survey

Contact

Contact Officer Health Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6403
Facsimile: Canberra 02 6252 8007
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide national benchmark information on health issues and to monitor trends in health over time.

Description

The survey collects information about the health status of Australians, their use of health services and facilities and health-related aspects of their lifestyle.

Data for the 1995 survey were collected by personal interview of residents of a sample of 23,800 private dwellings (houses, flats) and non-private dwellings (hotels, boarding houses).

Data Detail

- Recent health condition;
- General health and well-being;
- Type of injury/illness as a result of accident;
- Circumstances of most recent accident;
- Type of actions taken (e.g. doctor consultation); and
- Selected health risk factors.

In relation to transport, data are available on vehicle accident and travel (as a place of occurrence of injury).

Geographic Coverage

Australia.

Frequency of Data Availability

The survey was formerly conducted every five years. Future surveys will be conducted every three years from 2001.

ROAD TRAFFIC ACCIDENTS

Historical Data

The survey was conducted in 1977–78, 1983, 1989–90 and 1995.

Products and Services

Publications

- *National Health Survey, Summary of Results* (Cat. no. 4368.0)
- *National Health Survey, Injuries, Australia* (Cat. no. 4384.0)

Other

- Special data services are available on request.

Example of Information Available

PERSONS WHO REPORTED A CONDITION AS A RESULT OF AN ACCIDENT OR INCIDENT: TYPE OF INJURY SUSTAINED AT MOST RECENT ACCIDENT, CIRCUMSTANCES AND PLACE OF MOST RECENT ACCIDENT BY SEX—AUSTRALIA, 1995

	<i>Males</i>	<i>Females</i>	<i>Persons</i>
	'000	'000	'000
Vehicle accident	223.1	184.5	407.7
Total	1 732.5	1 100.7	2 833.2

ROAD TRAFFIC ACCIDENTS

NAME OF COLLECTION

Road Accident Statistics

Contact

Manager
Road Information Section
Information Services Department
VicRoads
60 Denmark Street
KEW VIC 3101

Telephone: Melbourne 03 9854 2870
Facsimile: Melbourne 03 9854 2166
Email: Harveyw@vrnotes.roads.vic.gov.au
Internet: <http://www.VicRoads.vic.gov.au>

Purpose

To provide road accident statistics for monitoring and developing road improvement strategies to reduce Victoria's road accidents.

Description

Road accident data are processed from Victoria Police road accident forms involving fatalities and injuries. Accident data are used to identify accident trends and black spot areas requiring remedial treatment.

Data Detail

- Fatality;
- Serious injury;
- Other injury by vehicle;
- Other injury by road user type; and
- Other injury by road classification.

Geographic Coverage

Victoria, local government areas, metropolitan statistical divisions.

For Australia data please contact the Australian Transport Safety Bureau (see next entry)

Frequency of Data Availability

Accidents are coded daily. There is a six to eight week delay between the time of accident and availability to users.

Historical Data

Data are available from 1986.

Products and Services

Publications

- *All Road Accident Injuries*
- *Accident Frequency Tables*

Other

- For data request, contact Road Information Customer Service
03 9854 2954.

Example of Information Available

<http://www.VicRoads.vic.gov.au>

ROAD TRAFFIC ACCIDENTS

NAME OF COLLECTION

Road Crash Database

Contact

Director
Australian Transport Safety Bureau (ATSB)
Federal Office of Road Safety
GPO Box 594
CANBERRA ACT 2601

Telephone: Canberra 02 6274 7136
Facsimile: Canberra 02 6274 7922
Email: M.McFadden@atsb.gov.au
Internet: <http://www.atsb.gov.au>

Purpose

To provide information on fatal and serious injury crashes.

Description

FORS data are made up of direct unit records which are obtained from State/Territory road authorities. Supplementary information on fatal crashes comes from coroners' reports.

Data Detail

Crash level:

- Crash type;
- Date;
- Time;
- Light;
- Speed;
- Urban/rural;
- Weather;
- Definition for classifying accidents events (fatalities only);
- Major factors (fatalities only); and
- Vehicle type (fatalities only).

Vehicle level:

- Blood alcohol content (BAC) of driver;
- Date;
- Time;
- Licence type;
- Unit type; and
- Vehicle details (colour, damage, model etc—fatalities only).

Data Detail *continued*

Person level:

- Age;
- Day;
- Time;
- Extent of injury;
- Road user;
- Seat belt;
- Sex;
- Abbreviated injury score classifications (fatalities only); and
- BAC (fatalities only).

Geographic Coverage

Australia, States and Territories, local government areas.

Frequency of Data Availability

Data are available monthly and annually (for fatalities).

Data are available quarterly and annually (for serious injuries).

Historical Data

Data are available from 1988.

Products and Services

Publications

- *Road Fatalities Australia Statistical Summary*
- *Road Fatalities Australia Monthly Bulletin*
- *Road Injury Australia Statistical Summary*
- *Road Injury Australia Quarterly Bulletin*
- *Benchmarking Road Safety*

Other

Analysis available on request.

Example of Information Available

<http://www.atsb.gov.au>

ROAD TRAFFIC ACCIDENTS

NAME OF COLLECTION

Road Traffic Accidents

Contact

Manager
Information Branch
Road Safety and Traffic Management Directorate
Roads and Traffic Authority of NSW
PO Box K198
HAYMARKET NSW 1238

Telephone: 02 9218 6888
Facsimile: 02 9218 6619
Email: rta@rta.nsw.gov.au
Internet: <http://www.rta.nsw.gov.au>

Purpose

To provide a summary of road accidents in New South Wales.

Description

Road accident statistics are compiled by the Roads and Traffic Authority of NSW from Police Service traffic incident responses. They include fatalities occurring within 30 days from injuries received from the accident.

Data Detail

- Fatality rates;
- Interstate and international comparisons;
- Causes of death;
- Location and distribution;
- Accident types;
- Motor vehicle types; and
- Controllers in accidents.

Geographic Coverage

New South Wales.

For Australia data please contact the Australian Transport Safety Bureau (see previous entry)

Frequency of Data Availability

Data are collected weekly and published annually.

Historical Data

Data are available from 1986.

Products and Services

Publications

- Road Traffic Accidents in New South Wales (Annual)
ISSN 0155-2546

Example of Information Available

<http://www.rta.nsw.gov.au>

ROAD TRAFFIC ACCIDENTS

NAME OF COLLECTION

Road Traffic Crashes in Queensland

Contact

Manager
Road Use Data Analysis
Queensland Transport
PO Box 673
FORTITUDE VALLEY QLD 4006

Telephone: Brisbane 07 3253 4229
Facsimile: Brisbane 07 3253 4410
Internet: <http://www.roadsafety.net>

Purpose

To provide a summary of road crashes in Queensland.

Description

Road crash statistics are compiled by Queensland Transport from the Queensland Police Service traffic incident responses. It includes fatalities occurring within 30 days from injuries received from the crash.

Data Detail

- Locations;
- Unit information;
- Injury information; and
- Contributing factors.

Geographic Coverage

Queensland.

For Australia data please contact the Australian Transport Safety Bureau (see previous chapter entries)

Frequency of Data Availability

Data are collected weekly and published annually.

Historical Data

Data are available from 1986.

Products and Services

Publications

- *Road Traffic Crashes in Queensland* (Annual).

Example of Information Available

<http://www.roadsafety.net>

SHIPPING

NAME OF COLLECTION

Coastal Shipping

Contact

Contact Officer
Sea, Air and Safety
Bureau of Transport Economics
PO Box 501
CANBERRA ACT 2601

Telephone: Canberra 02 6274 6751
Facsimile: Canberra 02 6274 6816
Email: swheatst@email.dot.gov.au
Internet:
<http://www.dot.gov.au/programs/bte/genpub/welcome.htm>

Purpose

To provide information on sea freight moved between Australian coastal ports.

Description

The Coastal Shipping collection obtains data from port authorities on all coastal freight imported and exported.

Data Detail

- Origin port;
- Destination port;
- Commodity;
- Commodity code (ATFCC);
- Pack code;
- Loaded/unloaded; and
- Weight.

Geographic Coverage

Australian Ports.

Frequency of Data Availability

Data are released annually.

Historical Data

Data are available from 1995—96.

SHIPPING

Products and Services

Other

Data analysis services

Example of Information Available

<http://www.dot.gov.au/programs/bte/genpub/welcome.htm>

NAME OF COLLECTION

Marine Incidents in Queensland

Contact

Senior Advisor, Marine Incidents
 Maritime Division
 Queensland Transport
 Floor 22 Mineral House
 41 George Street
 BRISBANE QLD 4000

Telephone: Brisbane 07 3224 2617
 Facsimile: Brisbane 07 3224 8718
 Email: johnmregan/maritime/q.qdot/au
 Internet: <http://www.transport.qld.gov.au>

Purpose

To provide data on marine incidents in Queensland.

Description

Data are collected from Marine Incident Report Forms.

Data Detail

- Commercial accidents;
- Private accidents;
- Private and commercial accidents;
- Vessel type;
- Nature of incident;
- Contributing factors;
- Fatalities;
- Injury;
- Vessel damage;
- Property damage; and
- Location.

Geographic Coverage

Queensland, regional harbour master jurisdiction, location of incident.

Frequency of Data Availability

Data are published twice a year.

SHIPPING

Historical Data

Data are available from 1991.

Products and Services

Publications

- *Marine Incidents in Queensland*

NAME OF COLLECTION

NSW Regional Ports Trade Statistics for Yamba and Eden

Contact

Business Analyst
 Waterways Authority
 Ministry for Forest and Marine Administration
 PO Box 11
 MILLERS POINT NSW 2000

Telephone: Sydney 02 9364 2039
 Facsimile: Sydney 02 9364 2444
 Email: Michael.Freeland@mail.ccsu.nsw.gov.au
 Internet: <http://www.waterways.nsw.gov.au>

Purpose

To provide data on cargo and shipping movements in the NSW ports of Yamba and Eden.

Description

Data are collected for all ship visits to the ports of Yamba and Eden.

Data Detail

- Cargo type;
- Revenue tonnes;
- Revenue tonnes by type;
- Revenue tonnes—overseas;
- Revenue tonnes—domestic;
- Number of visits;
- Mass tonnes;
- Mass tonnes by type;
- Mass tonnes—overseas;
- Mass tonnes—domestic;
- Vessel type; and
- Vessel name.

Geographic Coverage

Ports of Yamba and Eden in NSW.

SHIPPING

Frequency of Data Availability

Data are available annually (fiscal year).

Historical Data

Annual data are available from 1990.

Products and Services

Publications

- *MFMA Annual Report*

NAME OF COLLECTION

Port Kembla Trade and Ship Visits

Contact

Business Analyst
 Port Kembla Port Corporation
 PO Box 89
 PORT KEMBLA NSW 2505

Telephone: Port Kembla 02 4275 0113
 Facsimile: Port Kembla 02 4274 0643
 Email: nzs@kemblaport.com.au
 Internet: <http://www.kemblaport.com.au>

Purpose

To provide data on exports and imports and number of ship visits through Port Kembla.

Description

The data from this collection serve as input to the ABS Freight Movements Survey.

Data for Port Kembla are compiled from the Maritime Trade Information System database.

Data Detail

Exports/imports by:

- Intrastate trade;
- Interstate trade;
- Overseas trade; and
- Commodity

Vessel visits by:

- Vessel size;
- Flag; and
- Turnaround time.

Geographic Coverage

Australia, Port Kembla.

SHIPPING

Frequency of Data Availability

Data are compiled monthly.

Historical Data

Annual data are available from 1989.

Products and Services

Publications

- *Port Kembla Port Corporation Annual Report*

Other

- Specific data are available on request.

NAME OF COLLECTION

Registration of Vessels (Victoria)

Contact

Boating Safety Officer
 Recreational Boating
 Marine Board of Victoria
 PO Box 2797Y
 MELBOURNE VIC 3001

Telephone: Melbourne 03 9655 3399
 Facsimile: Melbourne 03 9655 6611
 Email: steve.parsons@doi.vic.gov.au
 Internet: <http://www.marineboard.vic.gov.au>

Purpose

To register vessels.

Description

Data are collected from registrations of vessels and annual renewals.

Data Detail

- Registered vessels.

Geographic Coverage

Victoria.

Frequency of Data Availability

Data are available annually.

Historical Data

Data are available from 1971.

SHIPPING

NAME OF COLLECTION

Ship Movement Data

Contact

Contact Officer
Sea, Air and Safety
Bureau of Transport Economics
PO Box 501
CANBERRA ACT 2601

Telephone: Canberra 02 6274 6751
Facsimile: Canberra 02 6274 6816
Email: stephen.wheatstone@email.dotrs.gov.au
Internet:
<http://www.dotrs.gov.au/programs/bte/genpub/welcome.htm>

Purpose

To provide information on ship movements (including international ports) of ships visiting Australian ports.

Description

Ship movement data are included in Lloyd's Maritime Information Services database on voyage movements. This collection only includes vessels visiting Australia in each quarter. Data are collected from agents.

Data Detail

Ship data:

- Vessel;
- Name;
- Flag;
- Year built;
- Dead weight;
- Gross tonnage;
- Type;
- Subtype;
- Owner; and
- Lloyd's number;

Data Detail *continued**Voyage data:*

- Vessel;
- Movement;
- Port;
- Arrival date and qualifiers;
- Departure date and qualifiers;
- Visit purpose—pass by, business, repairs; and
- Last port.

Geographic Coverage

Australia, international ports and ship flag by country.

Frequency of Data Availability

Data are released quarterly.

Historical Data

Data are available from 1993–94.

Products and Services

- Data analysis services

Example of Information Available

<http://www.dot.gov.au/programs/bte/genpub/welcome.htm>

SHIPPING

NAME OF COLLECTION

Trade Statistics for Port of Newcastle

Contact

Research Officer
Newcastle Port Corporation
PO Box 664
NEWCASTLE NSW 2300

Telephone: Newcastle 02 4927 2495
Facsimile: Newcastle 02 4927 2429
Email: harbour@ozemail.com.au
Internet: <http://www.newportcorp.com.au>

Purpose

To provide details of imports and exports moving through the Port of Newcastle and details on vessels using the Port.

Description

Manifests are submitted by vessels using the port to discharge/load cargo and details are entered into a database by Newcastle Port Corporation.

Data Detail

- Trade statistics

Geographic Coverage

Australia, NSW, local government areas and Port of Newcastle.

Frequency of Data Availability

Data are available monthly.

Historical Data

Annual data are available from 1989.

Products and Services

Publications

- Annual Reports
- Import/Export Analysis

Example of Information Available

<http://www.newportcorp.com.au>

NAME OF COLLECTION

Trade Statistics for Queensland Ports

Contact

Project Officer
 Transport Coordination and Logistics Division
 Queensland Transport
 GPO Box 1549
 BRISBANE QLD 4001

Telephone: Brisbane 07 3224 8454
 Facsimile: Brisbane 07 3237 9691
 Email: Catherine.M.Reid@transport.qld.gov.au
 Internet: <http://www.transport.qld.gov.au>

Purpose

To produce trade statistics for Queensland ports for the five year period ending June of each financial year.

Description

The publication is divided into two parts. Part I contains details of imports and exports for the individual ports. Part II contains details of imports and exports of the main commodities and groups of commodities traded through Queensland ports.

Data are collected from eight port authorities by mail questionnaire and telephone interview.

Data Detail

- Import and export commodities by individual ports;
- Import and export commodities by commodity groups;
- Tonnages; and
- Commodity trends.

Geographic Coverage

Coastal Queensland ports.

Frequency of Data Availability

Data are released annually.

Historical Data

Annual data are available from 1987.

Products and Services

Publications

- *Trade Statistics for Queensland Ports*

SHIPPING

NAME OF COLLECTION

Vessel Costs for Australian and International Shipping

Contact

Director
Apelbaum Consulting Group
PO Box 6712 St Kilda Road Central
MELBOURNE VIC 3004

Telephone: Melbourne 03 9530 2588
Facsimile: Melbourne 03 9530 2510
Email: acg1@tpgi.com.au

Purpose

To determine the cost competitive gap between Australian and foreign shipping.

Description

The review of Australian and international shipping is undertaken on an on-going basis to determine the cost differential of various registrations. It involves Australian and international vessel attributes and provides an industry overview of costs not specific to a particular operator.

Data are collected by mail questionnaire and personal interview from approximately 20 organisations.

Data Detail

- Capital costs;
- Manning costs;
- Crew to berth ratios;
- Taxation measures; and
- Operating costs (including fuel, port costs, stores, repair and maintenance, insurance, victualling and dry docking).

Geographic Coverage

Australia, New Zealand, Germany, Japan, USA, Singapore, South Korea, UK and Norway.

Frequency of Data Availability

Data release is irregular.

Historical Data

Data were collected in 1992, 1994 and 1998.

NAME OF COLLECTION

Waterline Statistics (BTE)

Contact

Contact Officer
 Waterline Statistics
 Bureau of Transport Economics
 PO Box 501
 CANBERRA ACT 2601

Telephone: Canberra 02 6274 6628
 Facsimile: Canberra 02 6230 6816
 Email: TCarlson@email.dot.gov.au
 Internet: <http://www.dot.gov.au/programs/bte/btehome.htm>

Purpose

To provide information on the Maritime industry.

Description

Data is provided by port authorities/corporations, ship owners, shipping lines and stevedoring companies.

Data Detail

Stevedoring productivity, waterfront reliability, crew-to-berth ratios, port authority financial and non-financial indicators, and port interface costs.

Australia as a whole.

Geographic Coverage

Australia.

Frequency of Data Availability

Quarterly

Historical Data

Available from 1994.

Products and Services

Publications

- *Waterline*

Example of Information Available

<http://www.dot.gov.au/programs/bte/btehome.htm>

TOURISM

NAME OF COLLECTION

International Visitor Survey

Contact

Bureau of Tourism Research Statistical Inquiries
Bureau of Tourism Research (BTR)
Survey Research Section
GPO Box 1545
CANBERRA ACT 2601

Telephone: Canberra 02 6213 7124
Facsimile: Canberra 02 6213 6983
Internet: bureau.tourism.research@isr.gov.au
Website (URL): www.btr.gov.au

Purpose

To enhance the development of tourism in Australia by measuring the travel behaviour and characteristics of overseas visitors.

Description

Information on characteristics of short-term international visitors aged 15 years and over is collected by face-to-face interviews. A sample of 20,000 departing international visitors is surveyed at departure lounges of international airports throughout the year.

Data Detail

Data are collected on the following topics which are cross-classified by country of residence and purpose of visit:

- age, sex, occupation and all reasons for visit;
- travel arrangements (inclusive or group tour);
- size and composition of group and reasons for visit;
- type of fare and pre-paid arrangements;
- type of information sources;
- time away from home and stop-overs;
- city of arrival and departure;
- duration of stay and region of stay;
- type of accommodation
- activities undertaken;
- places of interest visited;
- expenditure and income.

Geographic Coverage

Australia, States and Territories and capital cities and some regions.

Frequency of Data Availability

Quarterly.

Historical Data

Irregular until 1986; a continuous time series is available from 1988.

Products and Services Available

Publications

- *International Visitors in Australia, Quarterly Reports*
- *International Visitors in Australia, Annual Reports* (for each calendar year)

Other

- Detailed tabulations of survey output (quarterly and annual) CD-MOTA (Monitor of Tourism Activity) (data on compact disk with specialised cross-tabulation software)
- Special purpose tables or reports are available on request.

TOURISM

NAME OF COLLECTION

National Visitors Survey

Contact

Bureau of Tourism Research Statistical Inquiries
Bureau of Tourism Research
GPO Box 1545
CANBERRA ACT 2601

Telephone: Canberra 02 6213 7124
Facsimile: Canberra 02 6213 6983
Internet: bureau.tourism.research@isr.gov.au

Purpose

To enhance the development of domestic tourism in Australia by measuring the travel behaviour and characteristics of domestic visitors.

Description

Sample Survey

An annual sample of 80,000 Australian residents is surveyed throughout the year and information is collected from them about recent travel.

Mail out-Mail back questionnaires.

Telephone interview (computer assisted)

Face-to -face personal interview

Information on characteristics of domestic visitors aged 15 years and over is conducted by telephone interviews.

Data Detail

Data are collected on:

- Number of overnight, day and outbound visitors
- Number of visitor nights
- Expenditure by overnight, day and outbound visitors Cross classified (as appropriate) by
- Origin of traveller
- Places visited and purpose of visit
- Accommodation and transport used
- Leisure activities participated in
- Travel party type and size

Data Detail *continued*

- Travel package expenditure, and itemised expenditure
- Port of departure and airline used (outbound only)
- Age, sex and lifecycle information
- Country of birth and years in Australia
- Employment status and annual household income
- Impact of long term health conditions/impairments on ability to travel
- Intentions to visit Sydney during the 2000 Olympic Games

Geographic Coverage

Australia, States and Territories and Tourism regions

Frequency of Data Availability

Quarterly

Historical Data

Data available from 1998.

Replaces Domestic Tourism Monitor (see directory entry for historical data from 1984–85 to March qtr 1998).

Data from the Domestic Tourism Monitor and some State Tourism Surveys which have now been replaced by the National Visitors Survey (NVS) are not directly comparable with NVS results.

Products and Services

Detailed tabulations of survey output (quarterly and annual)

Special purpose tables or reports available upon request

Publications

- Travel by Australians: Results of the National Visitor Survey, Annual Reports for each Calendar year
- Travel by Australians: Results of the National Visitor Survey, Quarterly Reports

TRANSPORT COSTS

NAME OF COLLECTION

Consumer Price Index

Contact

Assistant Director
Consumer Price Indexes Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6251
Facsimile: Canberra 02 6253 6130
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure changes over time in retail prices of a constant basket of goods and services representative of consumption expenditure by all private households in Australian metropolitan areas.

Description

The Consumer Price Index (CPI) is used as a measure of inflation for macro-economic policy management, for general indexation of public and private sector contracts and as input to the income adjustment process.

Prices of goods and services are generally collected quarterly in retail outlets. However, some important items are priced monthly or more frequently (e.g. bread, fresh meat and seafood, fresh fruit and vegetables, petrol) and a small number annually (e.g. seasonal clothing).

The 13th series CPI, introduced in the September quarter 1998, is specifically designed to provide a general measure of price inflation for the household sector. The most noticeable changes from the previous CPI are the exclusion of mortgage interest and consumer credit charges from the index and the inclusion of net expenditure on new dwellings (excluding land).

Also from September quarter 1998, the population coverage of the CPI was expanded from the previous restriction to wage and salary earner households to cover all private households in the eight capital cities.

Data Detail

Price indexes are produced each quarter for eight major commodity groups, 33 sub-groups and 101 expenditure classes for each of the eight capital cities and a weighted average of the eight capital cities.

The goods and services are arranged in the following eight groups:

- Food;
- Clothing;
- Housing;
- Household equipment and operation;
- Transportation;
- Alcohol and tobacco;
- Health and personal care; and
- Recreation and education.

Private motoring and urban transport fares are included in the transportation group. Domestic and overseas holiday travel fares are included in the recreation and education group.

Geographic Coverage

Australia's eight capital cities and a weighted average of the eight capital cities.

Frequency of Data Availability

Data are released quarterly.

Historical Data

Retail price indexes have been constructed since 1912. The consumer price index was first compiled in the June quarter of 1960 and index numbers were calculated retrospectively to the September quarter of 1948.

TRANSPORT COSTS

Products and Services

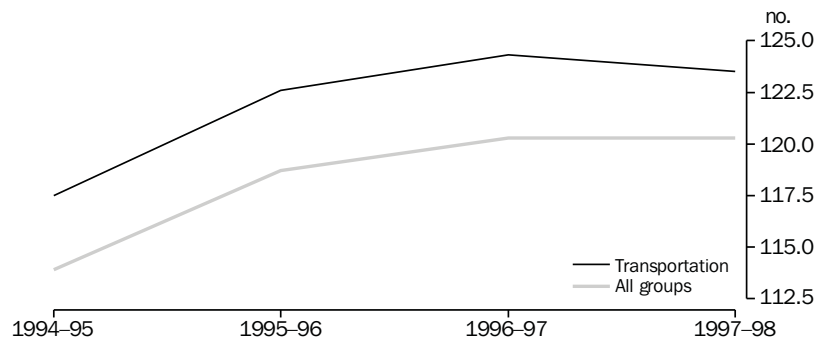
Publications

- *Consumer Price Index* (Cat. no. 6401.0)
- *Average Retail Prices of Selected Items, Eight Capital Cities* (Cat. no. 6403.0)
- *House Price Indexes, Eight Capital Cities* (Cat. no. 6416.0)
- *A Guide to the Consumer Price Index* (Cat. no. 6440.0)

Other

- Dial-a-statistic 1900 986 400
- CPI Infoline 1902 981 074
- Special data services are available on request.

WEIGHTED AVERAGE OF EIGHT CAPITAL CITIES, TRANSPORTATION AND ALL GROUPS, INDEX NUMBERS(a)



(a) Base of each index: 1989-90 = 100.0

NAME OF COLLECTION

Household Expenditure Survey

Contact

Contact Officer
 Household Income and Expenditure Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7866
 Facsimile: Canberra 02 6252 6870
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To measure the levels and patterns of expenditure on commodities and services by households in Australia.

Description

The Household Expenditure Survey (HES) collects detailed information about the expenditure, income and household characteristics of a sample of households resident in private dwellings throughout Australia. The 1993–94 survey comprised a sample of 8,389 households. Household members keep diaries of their expenditure during a two-week period. Information on personal income, personal and household characteristics, and irregular or infrequent expenditure are collected by personal interview.

Data Detail

Broad expenditure categories are:

- Current housing costs (selected dwellings);
- Fuel and power;
- Food and non-alcoholic beverages;
- Tobacco;
- Clothing and footwear;
- Household furnishings and equipment;
- Household services and operation;
- Medical care and health expenses;
- Transport;
- Recreation;
- Personal care; and
- Miscellaneous commodities and services.

TRANSPORT COSTS

Data Detail *continued*

In relation to transport, data are available for household expenditure on:

- Motor vehicle purchase, registration and insurance;
- Motor vehicle fuel, lubricants and additives;
- Other running expenses of vehicles such as batteries and tyres;
- Public transport fares; and
- Other fare and freight charges.

There are also data on domestic and overseas holidays, including the amount spent on fares and petrol.

Some data are also available at a person level showing expenditure patterns by occupation (ASCO).

Geographic Coverage

For HES publications and unpublished data: rural, urban, capital city, State and Australia.

For HES small area data (AUSPEND): data are available for small areas based on Census Collection Districts. Data for areas containing under 1,000 households are not considered to be reliable.

Frequency of Data Availability

The surveys are conducted every five years. The latest survey was conducted from July 1998 to June 1999. The results will be available in July 2000.

Historical Data

Household expenditure surveys have been conducted in 1974–75, 1975–76, 1984 (a calendar year), 1988–89 and 1993–94.

Note: Data for 1974–75 were collected from households in capital cities only (excluding Darwin). Data for 1975–76 and later surveys were collected from households in capital cities, other urban and rural areas. The first two surveys collected information on fewer commodities and services than those from 1984 and subsequent surveys.

Products and Services

Publication

- *User Guide: Household Expenditure Survey, Australia* (Cat. no. 6527.0).
- *Household Expenditure Survey, Australia: Detailed Expenditure Items* (Cat. no. 6535.0).

Other

- *AUSPEND, Australia* (Cat. no. 6536.0). AUSPEND data are only available in respect of the 1993–94 survey.
- Special data services are available on request, including tables to meet specific requests such as data at personal level and confidentialised unit record files.

Example of Information Available

AVERAGE WEEKLY HOUSEHOLD EXPENDITURE BY STATE AND TERRITORY, AUSTRALIA, 1993–94

	NSW	Vic.	Qld.	SA	WA	Tas.	Darwin	Canberra	Australia
<i>Commodity or service</i>	\$	\$	\$	\$	\$	\$	\$	\$	\$
Transport									
Motor vehicle purchase	28.2	25.4	28.9	23.2	26.8	17.3	26.8	42.3	27.1
Other vehicle purchase(a)	0.4	0.5	0.1	0.6	0.1	0.3	-0.7	1.1	0.4
Motor vehicle fuel, lubricants and additives	24.7	27.9	24.1	23.1	27.3	25.6	24.2	30.0	25.6
Vehicle registration and insurance	15.5	15.2	14.0	14.1	13.6	11.7	11.2	16.1	14.8
Other running expenses of vehicles	18.9	18.0	23.1	17.7	20.3	18.3	24.4	30.5	19.9
Public transport fares	3.5	3.1	2.2	1.9	1.8	1.5	0.9	3.1	2.8
Other fare and freight charges (excl. holiday fares)(b)	2.9	3.6	3.2	3.3	2.3	2.0	6.4	4.6	3.2
Total transport	94.2	93.6	95.5	83.9	92.1	76.7	93.2	127.7	93.6

(a) Includes households outside Darwin. (b) At least one of the estimates in this row has a relative standard error greater than 50 per cent and are subject to sampling variability too high for most practical purposes.

TRANSPORT COSTS

NAME OF COLLECTION

**Producer Price Indexes for Selected Service Industries,
Australia**

Contact

Carolyn O'Rourke
Services Price Index Development
Australian Bureau of Statistics
Box 10
Belconnen ACT 2606

Telephone: Canberra 02 6252 6081
Facsimile: Canberra 02 6252 7060
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure changes in prices of services provided by establishments classified to ANZSIC Division I, Transport and Storage and ANZSIC Division L, Property and Business Services.

Description

In recognition of the increasing contribution of service industries to the Australian economy, the ABS has embarked on a long-term development program to progressively extend the scope of the producer price indexes into the service sectors of the economy.

For most industries, quarterly index numbers are presented back to the September quarter 1998.

The service industry price indexes are being developed within the Australian and New Zealand Standard Industrial Classification (ANZSIC) framework. Indexes have been established for most of the industry classes within the **Transport and Storage Division** and **Property and Business Services Division** of the ANZSIC.

In respect of the transport industry, indexes are being compiled for important freight transport industries:

— road, rail, sea and air.

Because of the wide range of diverse industries involved, customised approaches to price collection have been adopted on a case-by-case basis. Extensive consultation was undertaken with industry associations and individual businesses to determine the most viable approach. An important consideration was to keep the workload involved in businesses completing their forms to a minimum.

Data Detail

Please note that the price indexes for Transport and Storage cover freight activities only. That is, passenger transport is excluded.

Industry classes for Transport and Storage are:

Road transport

Rail transport

Water transport—international sea transport and coastal water transport

Air transport—international and domestic air freight transport

Services to water transport—stevedoring, water transport terminals, and port operators.

Customs agency

Grain storage

Storage nec

Geographic Coverage

All indexes compiled represent activities across Australia. State indexes are not available.

Frequency of Data Availability

The ABS has commenced releasing indexes on an on-going basis. The first issue of a new quarterly publication entitled,

Producer Price Indexes for Selected Service Industries, Australia (Cat. no. 6423.0) was released for the March quarter 2000 on 18 April 2000.

The reference base period is 1998-99=100.0. For the service industries represented in 6423.0, quarterly index numbers are presented back to the September quarter 1998.

Where available, indexes will be presented previous to the September quarter 1998.

Historical Data

First results from this service industry development program were published in March 1999, by way of experimental indexes, in *Information Paper: Producer Price Index Developments* (Cat. no. 6422.0).

TRANSPORT COSTS

Products and Services

Publications

- *Producer Price Indexes for Selected Service Industries, Australia* (Cat. no. 6423.0)
- *Information paper, Producer Price Index Developments* (Cat. no. 6422.0)
- *Producer Price Indexes and the New Tax System* (Cat. no. 6425.0)

Other

Special data services are available on request.

TRANSPORT INDUSTRY

NAME OF COLLECTION

Australian Business Expectations Survey

Contact

Contact Officer
 Economy Wide Statistics Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7045
 Facsimile: Canberra 02 6252 8004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To provide information about business conditions and confidence in Australia.

Description

This survey provides estimates of future economic activity based on the expectations of senior executives, managers and proprietors of businesses operating in Australia. It provides both a qualitative indicator of business confidence (a weighted net balance) and a quantitative measure of expected change (a weighted aggregate) for a range of business performance indicators. The survey is conducted by mail questionnaire each quarter. It is based on a stratified random sample of approximately 3,000 employing businesses of all sizes, in all industries except General Government and Agriculture.

Data Detail

Expected weighted aggregate percentage change and weighted net balance indicators are provided with respect to the next quarter (compared with current quarter), and the same quarter of the following year (compared with the current quarter).

The following indicators are provided:

- Operating income;
- Selling prices;
- Profits;
- Capital expenditure;
- Stocks;
- Employment;
- Wage costs and non-wage labour costs; and
- Other operating costs.

TRANSPORT INDUSTRY

Data Detail *continued*

Data are available for the above items for the transport, storage and communication industry.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are released quarterly.

Historical Data

Data were first published in December 1993 and September 1994.

Products and Services

Publications

- *Australian Business Expectations* (Cat. no. 5250.0)

Other

- Special data services are available on request.

Example of Information Available

TRANSPORT, STORAGE & COMMUNICATION INDUSTRY EXPECTATIONS, SHORT-TERM OUTLOOK EXPECTED AGGREGATE CHANGE

	EXPECTED AGGREGATE CHANGE OVER THE PREVIOUS QTR				
	Dec Qtr 1997	Mar Qtr 1998	Jun Qtr 1998	Sep Qtr 1998	Dec Qtr 1998
<i>Business performance indicators</i>	%	%	%	%	%
Trading Performance					
Operating income	0.7	0.3	1.3	0.5	3.7
Selling prices	0.4	0.4	-0.4	-0.1	0.1
Profit	-6.5	-2.7	3.9	7.7	14.2
Investment					
Capital expenditure	3.0	-2.6	2.1	3.3	8.2
Stocks	1.0	-0.9	-1.0	-0.1	-4.4
Employment					
Full time equivalent	-0.4	2.2	-0.8	-1.0	-0.8
Operating expenses					
Wages	1.0	0.8	0.6	0.4	0.4
Non-wage labour	1.1	1.1	0.6	-0.8	-0.9
Other	2.0	0.5	1.5	-1.0	1.4
Total	1.7	0.6	1.2	-0.7	1.0

NAME OF COLLECTION

Business Growth and Performance Survey

Contact

Assistant Director
 Small Business & Science and Technology Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6726
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To provide estimates on the growth and performance of Australian employing businesses and to identify selected economic and structural characteristics of those businesses.

Description

This survey collects data on business performance and the factors which affect performance. The information from the survey will enable analysis of employment growth in the Australian economy. It is a longitudinal survey so the same sample is used for each of the years of the survey. The sample for the 1996–97 survey will include approximately 5,000 businesses from the 1995–96 survey and new businesses added to the ABS Register of Businesses since the 1995–96 sample was selected.

Data are collected by mail questionnaire.

Data Detail

- Employment;
- Sales;
- Size of business;
- Performance ratios; and
- Business intentions.

Detailed data on the transport and storage industry are not published but are available on request.

Geographic Coverage

Australia.

Frequency of Data Availability

The survey is conducted annually.

TRANSPORT INDUSTRY

Historical Data

The survey was first conducted in 1994–95.

Products and Services

Publications

- *Small and Medium Enterprises, Business Growth and Performance Survey, Australia* (Cat. no. 8141.0)

Other

- Special data services are available on request.

NAME OF COLLECTION

Business Register

Contact

Manager
 Statistical Output
 Business Register
 Australian Bureau of Statistics
 GPO Box 2796Y
 MELBOURNE VIC 3001

Telephone: Melbourne 03 9615 7476
 Facsimile: Melbourne 03 9615 7705
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To provide a comprehensive source of business names and addresses from which selections can be made for inclusion in ABS economic censuses and surveys.

Description

The Business Register comprises a comprehensive list of businesses which employ wage and salary earners. Data are sourced from group employer registrations (with Australian Taxation Office) and feedback and updating from ABS collections.

Statistical units on the Register are:

- Legal entity;
- Enterprise group;
- Management unit;
- Establishment; and
- Location.

Data Detail

- Counts of businesses;
- Aggregate employment of business;
- Industry type based on ANZSIC;
- Size of business (employment range); and
- Type of legal organisation.

Data are available for the above items for business units classified to the transport industries.

TRANSPORT INDUSTRY

Geographic Coverage

Australia, States and Territories, SLA. Data are also available for aggregates of SLAs and postcodes.

Frequency of Data Availability

Data are available annually.

Historical Data

Data are available from May 1986. Historical data are not recommended for time series analysis.

Products and Services

Publications

- *Profiles of Australian Businesses 1992* (Cat. no. 1322.0) (Discontinued)

Other

- Special data services are available on request. Telephone 03 9615 7506.

Example of Information Available

ABS BUSINESS REGISTER COUNTS AS AT SEPTEMBER 1997, TRANSPORT AND STORAGE(a)

State	Locations by Employment Size						Total Locations
	<5	5-9	10-19	20-49	50-99	100+	
New South Wales	11 525	1 866	776	482	154	123	14 926
Victoria	8 593	1 224	538	387	101	91	10 934
Queensland	7 899	1 150	511	265	78	79	9 982
South Australia	2 213	479	170	118	38	27	3 045
Western Australia	2 908	544	218	145	53	54	3 922
Tasmania	844	190	69	47	13	3	1 166
Northern Territory	381	110	57	22	4	1	575
Australian Capital Territory	322	55	16	13	6	9	421
Australia	34 685	5 618	2 355	1 479	447	387	44 971

(a) The non-employee component of the industry is excluded from the table.

NAME OF COLLECTION

Characteristics of Small Business Owners

Contact

Assistant Director
 Small Business & Science and Technology Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6726
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To provide data on the characteristics of small businesses and operators.

Description

This survey provides a snapshot of the characteristics of small businesses in Australia. The 1997 survey defined small businesses as those with fewer than 20 employees, excluding agriculture businesses. The survey was run as a supplementary survey in conjunction with the 1997 Labour Force Survey. It was repeated in November 1999 with results expected in April 2000.

Data are collected by personal interview.

Data Detail

- Characteristics of small business operators;
- Small business operations;
- Operators' perception of success;
- Small business use of computers and the Internet;
- Home-based small business; and
- Family business.

Above details are available for the transport and storage industry as unpublished data.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

The survey is conducted every two years.

TRANSPORT INDUSTRY

Historical Data

The survey was first conducted in 1995 and repeated in 1997 and 1999.

Products and Services

Publications

- *Characteristics of Small Business, Australia* (Cat. no. 8127.0)

Other

Special data services are available on request.

NAME OF COLLECTION

Survey of Company Profits

Contact

Assistant Director
Investment and Profits
Australian Bureau of Statistics
GPO Box 796
SYDNEY NSW 2001

Telephone: Sydney 02 9268 4357
Facsimile: Sydney 02 9268 4270
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide data for the estimation of Gross Domestic Product (Income) in the National Accounts and produce aggregated profit information for use by policy makers and commentators.

Description

This survey collects information about profits and selected revenues and expenses of incorporated private sector businesses. The information from the survey is an indicator of the effectiveness of both broad monetary policy and specific industry initiatives. The survey is based on a stratified random sample of approximately 3,800 private business units selected from the ABS Register of Businesses.

Data are collected by mail questionnaire to private businesses every quarter.

Data Detail

- Profits (before income tax);
- Depreciation; and
- Net interest paid.

Data are available for the above items for the transport industries.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released quarterly.

Historical Data

The survey was first conducted in 1961.

TRANSPORT INDUSTRY

Products and Services

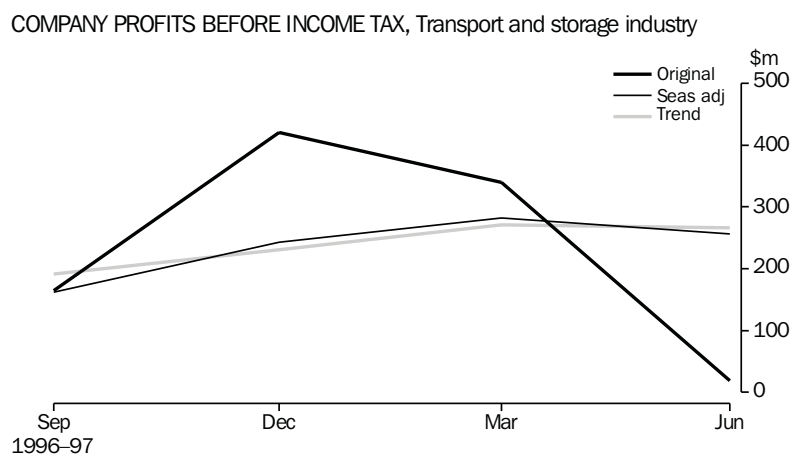
Publications

- *Company Profits, Australia* (Cat. no. 5651.0)

Other

- PC AUSSTATS 02 6252 6017.
- Special data services are available on request.

Example of Information Available



NAME OF COLLECTION

Economic Activity Survey

Contact

Assistant Director
 Economy Wide Statistics Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5427
 Facsimile: Canberra 1800 246 303
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

The prime purpose of the Economic Activity Survey is to derive a set of economic measures based on information available from the standard financial accounts of trading and employing businesses for most industries of the Australian economy.

Description

The Economic Activity Survey (EAS) is an annual collection carried out by mail questionnaire to a sample of about 21,000 businesses across all industries, with the following exceptions:

- Agricultural businesses with an estimated value of agricultural operations less than \$22,500;
- Non-employed businesses in all other industries ie. businesses which have not registered as group employers with the ATO; and
- Businesses classified to the General Government sector (Note: Government-owned Public Trading Enterprises were included).

This survey produces statistics classified according to the Australian and New Zealand Standard Industrial Classification, 1993.

The business unit about which information is collected and published for the EAS is termed the management unit. The management unit is the highest level unit within a business, having regard to the required level of industry dissection, for which a set of management accounts are maintained. In most cases it coincides with the legal entity owning the business (i.e. company, partnership, trust, sole operator, etc.). However, in the case of large diversified businesses there are often a number of management units, each coinciding with a 'division' or 'line of business'. A division or line of business is recognised where separate and comprehensive accounts are compiled for it.

TRANSPORT INDUSTRY

Description *continued*

Data contained in *Business Operations and Industry Performance, Australia* (Cat. no. 8140.0) is now supplemented by the inclusion of experimental estimates for selected industries, primarily service industries, commencing with the 1996-97 issue of 8140.0, in respect of 1994-95 to 1996-97 data. The data is a combination of EAS and business income tax data provided to the Australian Taxation Office (ATO).

Data Detail

- Number of operating businesses;
- Employment;
- Operating income;
- Operating expenditure;
- Profit;
- Assets;
- Liabilities;
- Capital expenditure; and
- Measures of productivity, profitability, performance and indebtedness are included among the ratios presented; and
- Industry (ANZSIC).

Data are available for above items for the Transport and Storage industry (subject to confidentiality).

- Road Transport (61);
- Rail Transport (62);
- Water Transport (63);
- Air and Space Transport (64);
- Other Transport (65);
- Services to Transport (66); and
- Storage (67).

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released annually:

Business Operations and Industry Performance, Australia Preliminary (Cat. no. 8142.0) - released in May.

Business Operations and Industry Performance, Australia (Cat. no. 8140.0) - released in December.

Frequency of Data Availability *continued*

Summaries of Industry Performance, Australia
(Cat. no. 8140.0.40.002) - released in December.

Historical Data

Data are available for each financial year from 1990–91.

Products and Services

Publications

- *Business Operations and Industry Performance, Australia Preliminary* (Cat. no. 8142.0)

This publication contains preliminary estimates from the Economic Activity Survey (EAS). The data contained in this publication are classed by ANZSIC division and are based on lower response rates than those published in Business Operations and Industry Performance, Australia (Cat. no. 8140.0). Estimates for previous years contain revisions that have resulted from the further analysis of data.

- *Business Operations and Industry Performance, Australia* (Cat. no. 8140.0)

Estimates produced in this publication are classed by ANZSIC subdivision, with estimates produced for the following categories;

- Large businesses include all management units which employ over 200 persons or have assets worth more than \$200 million; and
- Other businesses are those management units which employ less than 200 persons and do not have assets worth more than \$200 million.

Data contained in this publication is now supplemented by the inclusion of experimental estimates for selected industries, primarily service industries, commencing with the 1996-97 issue of 8140.0, in respect of 1994-95 to 1996-97 data. The data is a combination of EAS and business income tax data provided to the Australian Taxation Office (ATO). The combined data will enable finer dissections of business input costs by data item and industry.

- *Summaries of Industry Performance, Australia* (Cat. no. 8140.0.40.002)

The Summaries of Industry Performance contain a selection of statistics which summarise the changing structure, activity and performance of each of the major industry groups of the Australian economy. This publication presents EAS estimates for the last six financial years, classed by ANZSIC subdivision with estimates produced for the following categories:

TRANSPORT INDUSTRY

Products and Services *continued*

- Large businesses include all management units which employ over 200 persons or have assets worth more than \$200 million; and
- Other businesses are those management units which employ less than 200 persons and do not have assets worth more than \$200 million.

Note: Data for different size classifications (such as small businesses) are also available. For further information please telephone (02) 6252 5427.

Example of Information Available

SUMMARY OF INDUSTRY PERFORMANCE, TRANSPORT AND STORAGE

<i>Selected Indicators</i>	<i>Unit</i>	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
Operating businesses	unit	27 320	26 910	27 281	26 603	26 908	27 286
Total operating income	\$m	42 614	45 366	48 111	54 648	57 456	58 358
Interest expenses	\$m	1 318	1 461	1 495	1 582	1 901	1 656
Depreciation	\$m	2 443	2 944	3 066	3 018	3 044	3 238
Total operating expenses(a)	\$m	39 209	42 703	45 206	50 736	52 834	53 853
Operating profit before tax	\$m	3 405	2 663	2 905	3 912	4 622	4 505
Total assets	\$m	52 664	63 744	63 386	63 395	71 054	70 909
Total liabilities	\$m	30 977	34 260	33 995	36 071	44 327	44 161
Net worth	\$m	21 687	29 484	29 391	27 324	26 727	26 748
Capital expenditure	\$m	3 394	4 766	5 062	5 004	5 262	5 988
Industry gross product	\$m	17 063	17 377	19 837	20 400	21 467	..
Industry value added	\$m	22 588	22 551

(a) Includes change in inventories.

NAME OF COLLECTION

Government Trading Enterprises Performance Indicators

Contact

Secretariat
Steering Committee on National Performance Monitoring of
Government Trading Enterprises Productivity Commission
Locked Bag 2 Collins Street East
MELBOURNE VIC 8003

Telephone: Melbourne 03 9653 2100
Facsimile: Melbourne 03 9653 2199
Internet: <http://www.pc.gov.au>

Purpose

To provide financial and non-financial indicators of performance for each Government Trading Enterprise (GTE).

Description

This publication was compiled by the Secretariat under the direction of the Steering Committee on National Performance Monitoring of Government Trading Enterprises. Data are collected from all participating GTEs.

Data Detail

- Participating GTEs by industry and state;
- Financial performance indicators; and
- Non-financial performance indicators.

In relation to transport, data are available for urban transport, railways, port authorities and air services.

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data are available annually.

Historical Data

Data are available for 1987–88 to 1991–92, 1988–89 to 1992–93, 1989–90 to 1993–94, 1990–91 to 1994–95, 1991–92 to 1995–96, 1992–93 to 1996–97.

Products and Services

Publications

- *Government Trading Enterprises Performance Indicators 1992–93 to 1996–97*

TRANSPORT INDUSTRY

Example of Information Available

FINANCIAL RATIOS, ACT INTERNAL OMNIBUS NETWORK					
	1992-93	1993-94	1994-95	1995-96	1996-97
<i>Financial ratios</i>	%	%	%	%	%
Return on assets	4.9	10.7	6.8	4.3	-1.1
Return on operating assets	4.9	10.8	6.8	4.3	-1.1
Operating sales margin	8.9	18.1	11.9	7.9	-2
Return on equity	-4.4	10.2	0.2	-3.3	-13.2
Dividend to equity ratio	0	0	0	0	0
Dividend payout ratio	0	0	0	0	0
Debt to equity	142.7	118.3	112.9	106.8	44.8
Total liabilities to equity	172.9	143.1	138.9	136.3	69.5
Current ratio	59	71.1	58.1	52.6	47.2
Interest cover	74.5	159.2	101.1	75.8	-19.9
Cost recovery ratio	41.9	58.5	61.2	56.4	95.5
Operational performance	-27.7	-20.2	-19.2	-22.2	-2.6

NAME OF COLLECTION

Survey of Information Technology

Contact

Assistant Director
 Small Business and Science and Technology Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5614
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To collect data on the demand (usage) of information and communication technology goods and services by business enterprises.

Description

The information from the survey will enable Australian and State governments to plan for the development of an effective Information Technology and Telecommunications (IT&T) industry in Australia. Approximately 8,500 businesses were selected from the ABS Register of Businesses for the survey.

Data are collected by mail questionnaire.

Data Detail

- IT&T penetration by industry, by size;
- IT&T expenditure by industry;
- Computing equipment installed by industry;
- IT&T staff usage by type of work and industry;
- IT&T operating expenses by type of expense and industry;
- IT&T in-house support costs by type of cost and industry; and
- IT&T performance ratios by industry and size.

Data are available for the above items for transport and storage industry.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released biennially.

TRANSPORT INDUSTRY

Historical Data

The first survey was conducted in 1993–94.

Products and Services

Publications

- *Business Use of Information Technology, Australia*
(Cat. no. 8129.0)

Example of Information Available

COMPUTING EQUIPMENT INSTALLED BY INDUSTRY, AUSTRALIA, JUNE 1994

	Workstations			PCs used as servers	Mid-range computers(b)	Large-scale computers(c)
	PCs(a)	Other	Total			
Transport and storage	48 191	27 639	75 830	3 353	4 461	32
Total	1 049 859	474 316	1 524 175	66 804	31 460	942

(a) Excludes PC's used as servers in LANS etc. (b) Includes mini computers generally valued at between \$15,000 and \$1.5 million. (c) Includes mainframe and supercomputers generally valued at more than \$1.5 million.

NAME OF COLLECTION

Innovation in Industry

Contact

Assistant Director
 Small Business and Science and Technology Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5189
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To assess the rate, type and impact of innovation in Australian industries.

Description

The ABS has conducted Innovation surveys in respect of 1993–94 and 1996–97. The surveys are based on a stratified random sample of businesses from the ABS Register of Businesses. The 1993–94 sample comprised approximately 5,000 businesses in the manufacturing industry and 6,700 in various non-manufacturing industries. The 1996–97 survey was restricted to the manufacturing industry and comprised approximately 6,000 businesses.

Data are collected by mail questionnaire.

Data Detail

For manufacturing industries:

- Rate of innovation;
- Impact of innovation;
- Qualitative aspects of innovative businesses;
- Expenditure on innovation; and
- Characteristics of main innovations.

For other industries:

- Level of innovation only.

Data are available for the transport and storage industry.

Geographic Coverage

Australia.

TRANSPORT INDUSTRY

Frequency of Data Availability

Data release is irregular. Two surveys have been conducted in respect of 1993–94 and 1996–97.

Historical Data

The results from the first survey were released in 1994 and from the second survey, in 1998.

Products and Services

Publications

- *Innovation in Manufacturing* (Cat. no. 8116.0) 1993–94 and 1996–97
- *Innovation in Selected Australian Industries* (Cat. no. 8118.0) 1993–94 only

Example of Information Available

From the 1993–94 Survey

PROPORTION OF BUSINESSES UNDERTAKING INNOVATIVE ACTIVITIES,
AUSTRALIA, JUNE 1994(a)

	Innovation type				
	Goods	Services	Technological(c)	Non- technological	One or more
<i>Selected industries(b)</i>	%	%	%	%	%
Transport and storage	3.2	6.4	6.5	12.9	17.4
Total all selected industries	5.4	8.7	11.5	14.0	20.6

(a) Relates to innovation undertaken during the period July 1993 to June 1994. (b) Excludes Divisions (A) Agriculture, forestry and fishing, (C) Manufacturing and (M) Government, administration and defence. (c) Those businesses which undertook goods and/or services innovation during the period July 1993 to June 1994.

From the 1996–97 Survey

PROPORTION OF BUSINESSES UNDERTAKING INNOVATIVE ACTIVITIES,
AUSTRALIA, JUNE 1997(a)

	Innovation type		
	Product	Process	Technological
<i>Selected industries(b)</i>	%	%	%
Motor Vehicle and Part Manufacturing	18.4	19.0	22.8
Other Transport Equipment Manufacturing	23.2	10.9	25.2

(a) Relates to innovation undertaken during the period July 1994 to June 1997.

NAME OF COLLECTION

Survey of New Capital Expenditure

Contact

Assistant Director
Investment and Profits
Australian Bureau of Statistics
GPO Box 796
SYDNEY NSW 2001

Telephone: Sydney 02 9268 4357
Facsimile: Sydney 02 9268 4270
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure the value and quarter to quarter movements of new capital expenditure by private businesses in Australia.

Description

This survey collects data on actual and expected new capital expenditure by private businesses in Australia. It is based on a stratified random sample of approximately 7,500 private business units selected from the ABS Register of Businesses.

Data are collected by mail questionnaire sent to private businesses every quarter.

Data Detail

- Actual capital expenditure;
- Short term expectation; and
- Long term expectation.

Data are available for the above items for the transport industries.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released quarterly.

Historical Data

The survey was first conducted in 1947.

TRANSPORT INDUSTRY

Products and Services

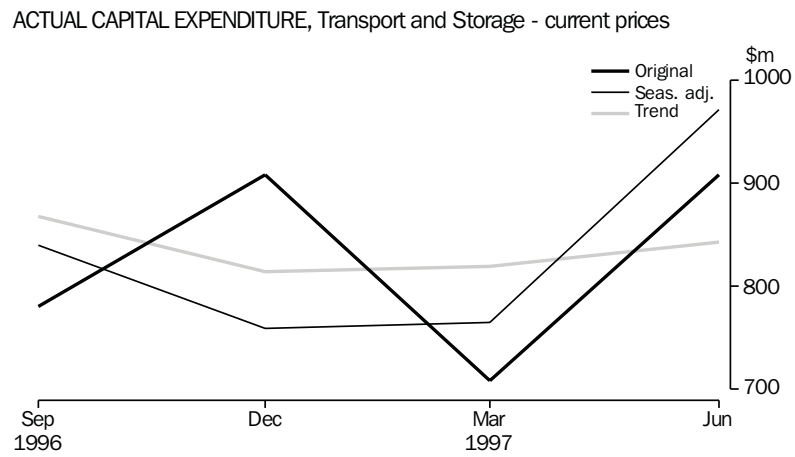
Publications

- *Private New Capital Expenditure and Expected Expenditure, Australia* (Cat. no. 5625.0)
- *State Estimates of Private New Capital Expenditure* (Cat. no. 5646.0)

Other

- PC AUSSTATS 02 6252 6017.

Example of Information Available



NAME OF COLLECTION

Survey of Research and Experimental Development

Contact

Assistant Director
 Small Business and Science and Technology Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5627
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To monitor the nature and distribution of research and development activity in Australia.

Description

The R&D surveys collect estimates of R&D expenditure and human resources devoted to R&D by business enterprises, general government, private non-profit organisations and higher education organisations in Australia.

The surveys are based on a complete enumeration of businesses and organisations identified by the ABS as likely R&D performers.

Data are collected by mail questionnaire.

Data Detail

- Expenditure on R&D;
- Human resources devoted to R&D;
- Comparison with GDP;
- Industry comparison;
- Type of expenditure;
- Source of funds for R&D;
- Location of expenditure;
- Socio-economic objective;
- Field of research;
- Expected R&D expenditure; and
- Type of human resources;

TRANSPORT INDUSTRY

Data Detail *continued*

Data are available for the manufacture of motor vehicles and parts, transport equipment and for transport as an economic objective. Detailed data on the transport industries are not published but are available on request.

Geographic Coverage

Australia.

Frequency of Data Availability

Data are released annually and biennially.

Historical Data

The Business Enterprises, General Government, Private Non-Profit, and Higher Education Organisations surveys were first conducted by the ABS in 1976–77, 1978–79, 1978–79 and 1978, respectively.

Products and Services

Publications

- *Research and Experimental Development, Business Enterprises, Australia* (Cat. no. 8104.0)
- *Research and Experimental Development, General Government and Private Non-Profit Organisations, Australia* (Cat. no. 8109.0)
- *Research and Experimental Development, Higher Education Organisations, Australia* (Cat. no. 8111.0)
- *Research and Experimental Development, All Sector Summary, Australia* (Cat. no. 8112.0)

Example of Information Available

RESOURCES DEVOTED TO R&D BY BUSINESS ENTERPRISES, BY SOCIO-ECONOMIC OBJECTIVE—AUSTRALIA, 1995–96(a)

	Type of expenditure				Human resources person years
	Total	Capital expenditure	Labour costs(b)	Other current expenditure	
<i>Socio-economic objective</i>	\$'000	\$'000	\$'000	\$'000	
Economic development					
Transport	139 964	5 839	58 279	75 846	965
Total economic development	3 863 508	468 153	1 417 895	1 977 460	23 975
Total	4 242 916	502 937	1 575 622	2 164 357	26 570

(a) Excludes enterprises in ANZSIC Division A. (b) Includes wages and salaries, overtime allowances, penalty rates, leave loadings, bonuses, commission payments, all paid leave, employer contributions to superannuation and pension schemes, payroll tax, fringe benefits tax, payments to contract staff on the payroll, severance, termination and redundancy payments and workers compensation insurance.

NAME OF COLLECTION

Retail Activity Survey

Contact

Assistant Director
 Services Industries Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5644
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To monitor the structure and performance of the retail and services industries in Australia.

Description

Data for the 1991–92 survey were based on a mail questionnaire sent to 29,000 in-scope retail businesses in Australia.

Data Detail

For industry data:

- Number of businesses/management units;
- Persons employed;
- Wages and salaries;
- Turnover;
- Cost of goods sold;
- Industry gross product;
- Total assets;
- Total liabilities;
- Income, expenditure and profit by ANZSIC group; and
- Performance measures (e.g. liquidity ratio) by ANZSIC class.

For commodity data:

- Components of turnover (e.g. retail sales, service income); and
- Commodity sales and other revenue by ANZSIC class.

In relation to transport, data are available for motor vehicle retailing and motor vehicle services.

TRANSPORT INDUSTRY

Geographic Coverage

Australia, States and Territories

Frequency of Data Availability

Data release is irregular—approximately every six years. The 1991–92 survey data were released in 1994. The data for 1998–99 survey are expected to be released in June 2000.

Historical Data

The survey was first conducted in 1991–92.

Products and Services

Publications

- *Retail Industry, Australia* (Cat. no. 8622.0)
- *Retail Industry, Commodity Sales, Australia* (Cat. no. 8624.0)
- *Retail Industry, State and Territory Summary* (Cat. no. 8625.0)

Other

- Special data services are available on request.

Example of Information Available

SUMMARY OF OPERATIONS BY ANZSIC CLASS, AUSTRALIA, 1991–92

	<i>Management units</i>	<i>Persons employed</i>	<i>Wages and salaries</i>	<i>Turnover</i>	<i>Cost of goods sold</i>	<i>Industry gross product</i>	<i>Total assets</i>	<i>Total liabilities</i>
	<i>no.</i>	<i>no.</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
Motor vehicle retailing	4 730	52 432	1 255	20 648	17 373	1 839	4 075	3 765
Motor vehicle services	19 318	114 072	1 974	16 696	12 146	2 931	3 954	3 001
Total retail	83 596	831 315	12 483	114 307	82 377	18 095	39 277	30 031

NAME OF COLLECTION

Retail and Services Census

Contact

Assistant Director
 Services Industries Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5644
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To monitor the structure and performance of the retail and services industries in Australia.

Description

Data for the 1991–92 census were based on a mail questionnaire sent to 250,000 in-scope retail and selected services outlets in Australia.

Data Detail

- Number of shops/locations;
- Floor space;
- Persons employed;
- Wages and salaries; and
- Turnover.

In relation to transport, data are available for motor vehicle retailing and motor vehicle services.

Geographic Coverage

Australia, States and Territories. Data are also available upon request (and subject to confidentiality) at the SLA level.

Frequency of Data Availability

Data release is irregular—approximately every six years. The 1991–92 census data were released in 1993. No further retail censuses are currently proposed.

Historical Data

The census was first conducted in 1948.

TRANSPORT INDUSTRY

Products and Services

Publications

- *Retailing in Australia* (Cat. no. 8613.0)
- *Retailing in New South Wales* (Cat. no. 8623.1)
- *Retailing in Victoria* (Cat. no. 8623.2)
- *Retailing in Queensland* (Cat. no. 8623.3)
- *Retailing in South Australia* (Cat. no. 8623.4)
- *Retailing in Western Australia* (Cat. no. 8623.5)
- *Retailing in Tasmania* (Cat. no. 8623.6)
- *Retailing in Northern Territory* (Cat. no. 8623.7)
- *Retailing in the Australian Capital Territory* (Cat. no. 8623.8)

Other

- Special data services are available on request.

Example of Information Available

MOTOR VEHICLE RETAILING AND SERVICES, SUMMARY STATISTICS, AUSTRALIA, 1991-92

	<i>Locations at 30 June</i>	<i>Persons employed</i>	<i>Wages and salaries</i>	<i>Turnover</i>	<i>Turnover per person employed</i>
	<i>no.</i>	<i>no.</i>	<i>\$million</i>	<i>\$million</i>	<i>\$/person</i>
Motor vehicle retailing	5 398	60 684	1 503	24 955	411 230
Motor vehicle services	31 907	159 977	2 229	19 999	125 010
Total motor vehicle retailing and services	37 305	220 661	3 731	44 954	203 723

NAME OF COLLECTION

Small Business in Australia

Contact

Assistant Director
 Small Business & Science and Technology Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6726
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To summarise statistics on the structure of the small business sector in Australia.

Description

Small Business Australia (Cat. no. 1321.0) draws together information from various sources of data, such as the Survey of Employment and Earnings, Labour Force, the Business Growth and Performance Survey and Characteristics of Small Business Owners, to give a comprehensive picture of the Australian private sector, particularly small businesses. Data from the publication is of use to analysts who wish to measure the performance of small businesses relative to other businesses in their industry and/or their industry's performance relative to other industries.

Data Detail

- Number of businesses;
- Employment;
- Average annual growth;
- Bankruptcies;
- Training;
- Business use of computers and the Internet;
- Business performance; and
- Legal status of employing businesses.

Data are available for the transport and storage industry.

TRANSPORT INDUSTRY

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

The publication is released biennially.

Historical Data

The first edition was released in 1988. Data are available for 1988, 1990, 1993, 1995 and 1997.

The 1999 edition is expected to be released in April 2000.

Products and Services

Publications

- *Small Business in Australia* (Cat. no. 1321.0)

Example of Information Available

NUMBER OF SMALL BUSINESSES AND PERSONS EMPLOYED BY INDUSTRY, 1995

Industry	Small Business					Total All Businesses			
	Employing	Non-employing	Total Small Business	Employing	Non-employing	Total Small Business	Employment	Number of businesses	Employment
	Number of businesses	Number of employers	Number of employees	Number of businesses	Number of persons working in own business	Number of businesses	Employment	Number of businesses	Employment
Transport and storage	15.3	12.2	62.7	28.7	48.1	44.1	123.0	45.5	242.3
Total	358.2	309.0	1726.8	427.6	640.5	785.8	2676.3	812.4	5452.6

(a) Includes the Electricity, gas and water supply and Communication services industries.

NAME OF COLLECTION

Survey of Inventories and Sales

Contact

Assistant Director
Investment and Profits
Australian Bureau of Statistics
GPO Box 796
SYDNEY NSW 1041

Telephone: Sydney 02 9268 4241
Facsimile: Sydney 02 9268 4789
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure the value and quarter to quarter movements of inventories and sales by private businesses in Australia.

Description

This survey produces estimates of inventories, manufacturers' actual sales, sales of goods and services by wholesale trade and other selected income items by private businesses in Australia. The survey size expanded from the March Quarter 1999 and it is now based on a stratified random sample of approximately 14,500 private business units selected from the ABS Register of Businesses.

Data are collected by mail questionnaire sent to private businesses every quarter.

Data Detail

- Value of inventories
- Manufacturers' actual sales
- Wholesale trade of goods and services

The expanded survey collects data on the Transport and Storage, and Motor Vehicle Retailing and Services industries (from March 1999). For Transport and Storage data, data is available at the sub-division level of the ANZSIC industry classification. For Motor Vehicle Retailing and Services, data is available for selected industries at the class level.

The previous survey provides sales and inventories data on the motor vehicle and part manufacturing industry. This is not published but available on request.

TRANSPORT INDUSTRY

Geographic Coverage

Australia

Frequency of Data Availability

Data are released quarterly.

Historical Data

The survey was first conducted in 1947. Data is available as a continuous series (via the ABS PCAusstats service) from June 1984.

Products and Services

Publications

- *Inventories and Sales, Selected Industries, Australia*
(Cat. no. 5629.0)

Other

- PC AUSSTATS 02 6252 6017.
- Special data services are available on request.

NAME OF COLLECTION

Transport Industry Survey/Business Vehicle Survey

Contact

Director
 Transport, Tourism and Construction Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6068
 Facsimile: Canberra 02 6251 5324
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To obtain an economic profile of transport operators in Australia.

Description

The ABS last conducted a Transport Industry Survey (TIS) in 1983–84. A Business Vehicle Survey was conducted in conjunction with the TIS.

Data Detail

For TIS:

- Number of establishments;
- Employment;
- Wages and salaries;
- Turnover;
- Stocks;
- Purchases;
- Value added; and
- Fixed capital expenditure.

For Business Vehicle Survey:

- Number of enterprises;
- Number of trucks operated;
- Number of truck drivers;
- Wages and salaries;
- Truck running expenses; and
- Tonnes of freight carried.

TRANSPORT INDUSTRY

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

The first issue was in respect of 1983–84. The ABS has no current plans to run another TIS. The ABS produces industry statistics from a wide variety of collections. It is planned to produce an information paper on the statistics available from these collections.

Historical Data

Data are only available in respect of 1983–84.

Products and Services

Publications

- *Transport Establishments: Summary of Operations by Industry Class, Australia and States* (Cat. no. 9103.0)
- *Transport Establishments: Details of Operations by Industry Class, Australia and States* (Cat. no. 9104.0)
- *Transport Establishments: Selected Items of Data Classified by Industry and Size Group, Australia* (Cat. no. 9105.0)
- *Road Freight Transport Activity of Private Enterprises by Industry Division, Australia and States* (Cat. no. 9107.0)

Example of Information Available

TRANSPORT ESTABLISHMENTS, NUMBER OF EMPLOYEES AT 30 JUNE 1984, BY INDUSTRY CLASS	
	<i>Australia</i>
	<i>no.</i>
Road freight transport	53 840
Road passenger transport	32 814
Rail transport	86 881
Water transport	8 826
Air transport	23 580
Total modal transport	205 941

NAME OF COLLECTION

Wholesale Industry Survey

Contact

Assistant Director
 Services Industries Section
 Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5644
 Facsimile: Canberra 02 6252 7004
 Email: client.services@abs.gov.au
 Internet: <http://www.abs.gov.au>

Purpose

To provide information on the size, structure, operations and output of the wholesale industry.

Description

The last Wholesale Industry Survey (WIS) was conducted in respect of the 199–1992 reference year. It was based on a sample survey of 11,000 wholesale businesses. Financial information on income, commodity sales, expenses, assets, and liabilities, were collected by mail questionnaire.

Data Detail

- Number of businesses/management units;
- Persons employed;
- Wages and salaries;
- Turnover;
- Cost of goods sold;
- Total assets;
- Total liabilities;
- Industry gross product;
- Performance measures (e.g. turnover ratios) by size of business and ANZSIC group;
- Income and expenditure by ANZSIC group; and
- Wholesale sales by main commodity items and ANZSIC group.

In relation to transport, data are available for motor vehicle wholesaling.

TRANSPORT INDUSTRY

Geographic Coverage

Australia, States and Territories.

Frequency of Data Availability

Data release is irregular.

Historical Data

The survey was conducted in 1968–69, 1981–82 and 1991–92.

Products and Services

Publications

- *Wholesale Industry, Australia* (Cat. no. 8638.0)

Other

- Special data services are available on request.

Example of Information Available

MOTOR VEHICLE WHOLESALING, SUMMARY OF OPERATIONS, AUSTRALIA, 1991–92

	<i>Manage- ment units</i>	<i>Persons employed</i>	<i>Wages and salaries</i>	<i>Turnover</i>	<i>Cost of goods sold</i>	<i>Total assets</i>	<i>Total liabilities</i>	<i>Industry gross product</i>
	<i>no.</i>	<i>no.</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
Motor vehicle wholesaling	4 084	42 149	1 004	16 254	13 007	5 992	4 384	1 770
Wholesale trade	29 967	350 401	9 952	141 951	110 291	69 193	50 082	16 651

TRAVEL

NAME OF COLLECTION

Survey of Cyclists Characteristics and Cycling Patterns

Contact

Executive Officer
 State Bicycle Committee
 2nd Floor, 60 Denmark Street
 KEW VIC 3101

Telephone: Melbourne 03 9854 2315

Facsimile: Melbourne 03 9854 2918

Purpose

To provide information on bicycle ownership, destinations, facilities and safety.

Description

The survey was conducted by Spectrum Research in 1987 which surveyed 1,626 persons through random telephone selected numbers.

Data Detail

- Number of households;
- Bicycle ownership;
- Reasons for not riding;
- Reasons for riding;
- Destinations;
- Frequency;
- Time;
- Distance;
- Safety and accidents;
- Lighting; and
- Theft.

Geographic Coverage

Melbourne Metropolitan Area.

Frequency of Data Availability

The survey was conducted once only—in 1987.

Historical Data

Data are available for 1987.

TRAVEL

NAME OF COLLECTION

Survey of Disability, Ageing and Carers

Contact

Assistant Director
Welfare Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7430
Facsimile: Canberra 02 6252 8007
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To enable government departments and community groups to develop policies for the current and future needs of older people and people with disabilities.

Description

This survey provides estimates of the numbers and main characteristics of persons with disabilities, persons aged 60 years or more, and their carers. It is the only national source of information on the assistance requirements of those groups, the extent to which these requirements are met, and the characteristics of those with unmet needs.

The survey is conducted in private dwellings, in establishments such as hospitals, nursing homes, hostels and retirement villages, and other special dwellings. For the 1998 survey, about 16,000 households representing 40,000 persons were selected at random for inclusion in the household component. About 7,000 persons from nursing homes, hostels and hospitals were randomly selected for the establishment component.

Information is collected by personal interview with persons with one or more disabilities, persons aged 60 years and over, and their carers. A mail-based methodology is used for persons living in cared establishments. The ABS provides instructions to the administrators on how to randomly select respondents from their list of occupants and on how to complete the forms.

Data Detail

- Disabling conditions;
- Core activity restrictions;
- Carers;
- Assistance (e.g. transport);

Data Detail *continued*

- Travel in the previous fortnight
- Community activities;
- Aids;
- Accommodation;
- Employment;
- Education;
- Income;
- Geographic details;
- Household description;
- Family description; and
- Personal description.

In relation to transport, data are available on ability to use public transport, private transport assistance, carers' involvement in providing assistance, possession of driver's licence and frequency of driving. A further module asks about travel for a range of common purposes (work, school, doctors, shopping, social and leisure) in the previous fortnight, and the main mode of travel on the most recent trip.

Geographic Coverage

Australia.

Frequency of Data Availability

The survey is conducted every five years. The most recent was conducted from March to May 1998. Results were released in April 1999.

Historical Data

Three previous surveys have been conducted, in 1981 (Survey of Handicapped Persons), 1988 (Survey of Disabled and Aged Persons) and 1993 (Survey of Disability, Ageing and Carers). These surveys collected similar but not strictly comparable information.

Products and Services

Publications from the 1993 survey

- *Disability, Ageing and Carers: Summary of Findings, Australia* (Cat. no. 4430.0)
- *Disability, Ageing and Carers: User Guide, Australia* (Cat. no. 4431.0)

TRAVEL

Products and Services continued

- *Focus on Families: Caring in Families: Support for Persons Who Are Older or Have Disabilities, 1995* (Cat. no. 4423.0)
- *Disability, Ageing and Carers: Disability and Disabling Conditions Australia* (Cat. no. 4433.0)
- *Disability, Ageing and Carers: Visual Impairment* (Cat. no. 4434.0)
- *Disability, Ageing and Carers: Hearing Impairment, Australia* (Cat. no. 4435.0)
- *Disability, Ageing and Carers: Brain Injury and Stroke, Australia* (Cat. no. 4437.0)

Other

- *Disability, Ageing and Carers: Unit Record File on Magnetic Media: Floppy Disk, Magnetic Tape, Compact Disc* (Cat. no. 4431.0)
- Special data services are available on request.

Example of Information Available

DISABLED PERSONS LIVING IN HOUSEHOLDS AND NEEDING HELP, ACTIVITIES FOR WHICH HELP WAS NEEDED BY AGE, AUSTRALIA, 1993 ('000)

Activities for which help was needed	Age group (years)								Total
	0-14	15-24	25-34	35-44	45-54	55-64	65-74	75 and over	
Transport	31.7	40.6	42.2	40.8	59.5	87.8	171.1	234.4	708.2
Total(a)	78.6	79.9	99.2	135.4	176.9	226.4	334.6	347.9	1 478.9

(a) Needs help with at least one activity. Total may be less than sum of components since persons may need help with more than one activity.

NAME OF COLLECTION

Home Interview Survey/Household Travel Survey

Contact

Client Services Manager
Transport Data Centre (TDC)
NSW Department of Transport
PO Box 1620
SYDNEY NSW 2001

Telephone: Sydney 02 9268 2858
Facsimile: Sydney 02 9268 2853
Email: tdcdata@transport.nsw.gov.au
Internet: <http://www.transport.nsw.gov.au>

Purpose

To provide data on personal travel patterns in the Greater Sydney Metropolitan Region (GSMR) to assist transport and land use policy and planning.

Description

The Home Interview was conducted in 1981 and 1991–92 to update information obtained by the 1971 Sydney Area Transportation Study on personal travel patterns within the GSMR.

For the 1991–92 survey, data were collected by personal interview of 12,000 households in respect of the nominated travel day.

The Household Travel Survey (HTS), which collects travel information for the nominated 24-hour period for all members of selected households, commenced in June 1997. Data are collected by personal interview of about 5,000 households annually.

Data Detail

Household data:

- Dwelling structure;
- Household type;
- Number of permanent residents;
- Number and characteristics of vehicles; and
- Number of bicycles.

TRAVEL

Data Detail *continued*

Person data:

- Sex;
- Age;
- Driver's licence;
- Employment status;
- Occupation;
- Employment industry;
- Income;
- School/childcare details;
- Restricted mobility; and
- Country of birth.

Travel data:

- Trip origin;
- Destination;
- Trip purpose;
- Mode of travel;
- Start/finish time;
- Fare type;
- Ticket type;
- Vehicle occupancy;
- Vehicle ownership;
- Who paid for fuel used; and
- Type of parking and who paid for parking.

Geographic Coverage

Sydney Statistical Division for 1981 survey, and GSMR (Sydney SD, Newcastle SSD and Illawarra SD excluding part of Shoalhaven) for 1991 and 1997 surveys.

Frequency of Data Availability

The 1981 and 1991 surveys were one-off collections. The first wave of a new continuous Household Travel Survey commenced in June 1997.

Historical Data

Data are available for 1971, 1981, 1991.

Products and Services

Publications

General:

- *Sydney in Summary*

Issues Papers:

- *Trends in Sydney's Travel Patterns, 1981–1991*
(Issues Paper 96/2)
- *Public Transport Users in Sydney* (Issues Paper 97/1)
- *Bus Users in Sydney* (Issues Paper 97/2)
- *Train Users in Sydney* (Issues Paper 98/1)

Reports:

- *Public Transport Travel Patterns* (TDC Report 96/3)
- *1991–92 HIS Survey Results* (TDC Report 94/6)
- *1991–92 HIS Methodology and Data Directory*
(TDC Report 93/8)

Other

Customised data requests available in hardcopy (tables, graphs, mapped) or electronically (text, database, spreadsheet format). Data can be provided on CD-ROM, floppy disk or by email.

Example of Information Available

www.transport.nsw.gov.au

TRAVEL

NAME OF COLLECTION

Journey to Work Data Set

Contact

Client Services Manager
Transport Data Centre (TDC)
NSW Department of Transport
PO Box 1620
SYDNEY NSW 2001

Telephone: Sydney 02 9268 2858
Facsimile: Sydney 02 9268 2853
Email: tdcdata@transport.nsw.gov.au
Internet: <http://www.transport.nsw.gov.au>

Purpose

To provide small area employment and travel to work statistics to assist government and other bodies in the development of policies and programs related to transport and urban development.

Description

The Journey to Work data set contains information gathered by the ABS in the Census of Population and Housing on the employment, personal and household characteristics of employed persons aged 15 years and over, enumerated in the TDC Study Area (Greater Sydney Metropolitan Region) on census night. This information is coded to a fine geographic level known as travel zone.

The dataset comprises standard tables, each with a different combination of variables. Therefore, not all variables are available together.

Data Detail

Employment:

- Industry;
- Occupation;
- Work hours;
- Location; and
- Employment status.

Household:

- Income;
- Number of household vehicles;
- Dwelling type; and
- Location.

Data Detail *continued**Person:*

- Age;
- Sex;
- Income; and
- Education level.

Geographic Coverage

GMSR (excludes Shoalhaven and Wingecaribee SLA's) in 1981, GMSR (excludes part of Shoalhaven SLA) in 1991, GMSR (Sydney SD, Newcastle SSD and Illawarra SD) in 1996.

Frequency of Data Availability

Data will be available every five years. No data are available for 1986.

Historical Data

Data are available for 1981, 1991 and 1996.

Products and Services

Publications

- *Journey to Work Summary Tables: Home SLA, 1991, 1996*
- *Journey to Work Summary Tables: Workplace SLA, 1991, 1996*
- *Journey to Work Travel Patterns in Sydney, 1981–1996*
- *Employment in Selected Commercial Centres, 1996*

Other

- Customised data requests are available in hardcopy (tables, graphs, mapped) or electronically (text, database, spreadsheet format). Data can be provided on CD-ROM, floppy disk or by email.

Example of Information Available

www.transport.nsw.gov.au

TRAVEL

NAME OF COLLECTION

Overseas Arrivals and Departures

Contact

Manager, OAD Statistics
Demography Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 5640
Facsimile: Canberra 02 6252 7494
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure the number and characteristics of Australian residents and overseas visitors arriving in, and departing from, Australia.

Description

Persons arriving in, or departing from, Australia are required to complete prescribed questionnaires in the form of Incoming and Outgoing Passenger cards. Incoming persons also provide information in visa applications, except those people travelling as Australian and New Zealand citizens.

These and other information available to the Department of Immigration and Multicultural Affairs (DIMA) serve as the source of statistics of overseas arrivals and departures.

Overseas arrival and departure statistics are derived from a combination of full enumeration and sampling. All movements with an intended duration of stay of one year or more (or permanently) are fully enumerated. Movements with an intended duration of stay of less than one year are sampled.

Data detail

Category of movement.

- country of residence/main destination;
- country of birth;
- country of citizenship (nationality);
- country of embarkation/disembarkation;
- State of clearance/major port of clearance;
- State of residence/stay;
- purpose of journey;
- duration of stay; and
- sex and age.

Data detail *continued*

Other variables are also available on request.

Geographic coverage

Australia. State of residence/stay. Port of clearance.

Frequency of data availability

Monthly (released eight weeks after the reference period).

Historical data

Data are available from May 1965.

Products and services available

Publications

- *Overseas Arrivals and Departures, Australia* (Cat. no. 3401.0) monthly
- *Tourism Indicators, Australia* (Cat. no. 8634.0) quarterly

Other

- PC AUSSTATS (02) 6252 6017
- Special data services are available on request.

Example of Information Available

SHORT-TERM MOVEMENTS(a), DEPARTURES OF OVERSEAS VISITORS, STATE/TERRITORY IN WHICH MOST TIME WAS SPENT ('000)

<i>State/Territory in which most time was spent</i>	Year ended 30 June		Quarter ended 31 March		Ten months to April		Month of April	
	1996	1997	1997	1998	1997	1998	1997	1998
New South Wales	1 749.6	1 835.4	536.7	496.3	1 566.6	1 531.1	159.0	157.6
Victoria	483.8	553.9	173.5	169.0	477.0	502.7	50.9	50.4
Queensland	1 111.2	1 233.9	311.0	281.1	1 056.3	1 035.7	101.2	97.1
South Australia	82.6	87.5	27.3	28.5	77.6	83.7	9.1	10.0
Western Australia	366.3	389.5	110.7	109.2	331.3	341.1	36.4	37.1
Tasmania	25.4	25.5	10.3	9.6	22.9	24.0	2.1	2.5
Northern Territory	42.2	43.2	7.9	8.8	34.9	37.0	2.7	2.8
Australian Capital Territory	31.7	33.3	8.9	9.3	29.2	29.5	3.1	3.2
Other Territories(b)	n.a.	14.9	4.2	1.1	13.0	6.0	1.2	0.5
Total(c)	3 910.1	4 217.0	1 190.6	1 112.9	3 608.7	3 590.8	365.7	361.2

(a) Figures for short-term movement are based on a sample and are subject to sampling error. (b) Not available prior to February 1995. Includes Territories of Christmas Island, Cocos (Keeling) Island and Jervis Bay. (c) Includes not stated.

TRAVEL

NAME OF COLLECTION

Parramatta Multimode Travel Time Survey

Contact

Manager
Transport and Environment
NRMA Limited
388 George Street
SYDNEY NSW 2000

Telephone: Sydney 1800 678 784
Facsimile: Sydney 02 9292 8485
Email: cleanair2000@nrma.com.au
Internet: <http://www.nrma.com.au>

Purpose

To provide an indicative assessment of the quality of travel choices for commuters travelling to and from the Parramatta CBD.

Description

This survey examines travel time efficiency of the car compared to alternative transport modes. A travel time survey was undertaken by NRMA and Bicycle NSW comparing the travel times of car, bicycle and public transport in peak periods.

The survey involved collection of travel time information for car trips and non-car trips between Parramatta CBD and seven regional centres during June and July 1997. The travel times for cars and bicycles were collected by physical surveys, whilst public transport times were determined using timetable information.

A similar survey was conducted for travel to Sydney CBD. See Sydney Multimode Travel Time Survey.

Data Detail

- Travel times to Parramatta—morning peak;
- Travel times from Parramatta—evening peak;
- Travel choice comparisons; and
- Congestion.

Geographic Coverage

Parramatta CBD and seven regional centres (Pennant Hills, Ryde, Strathfield, Bankstown, Cabramatta, Blacktown and Castle Hill).

Frequency of Data Availability

Data release is irregular.

Historical Data

Data are available for 1997.

Products and Services

Publications

- *Parramatta Multimode Travel Time Survey, 1997*

Example of Information Available

 TRAVEL TIME, WEEKDAY MORNING PEAK, COMMENCING 8AM (MINUTES)

	From						
	Ryde	Pennant Hills	Castle Hill	Blacktown	Cabramatta	Bankstown	Strathfield
To Parramatta—by							
Bicycle	30	48	na	25	na	42	26
Train	na	48	na	16	19	32	15
Bus	57	44	35	39	na	53	na
Car	19	31	30	27	24	33	15

TRAVEL

NAME OF COLLECTION

Sydney Multimode Travel Time Survey

Contact

Manager
Transport and Environment
NRMA Limited
388 George Street
SYDNEY NSW 2000

Telephone: Sydney 1800 678 784
Facsimile: Sydney 02 9292 8485
Email: cleanair2000@nrma.com.au
Internet: <http://www.nrma.com.au>

Purpose

To provide an indicative assessment of the journey times of some alternatives to the private car.

Description

This survey examines travel time efficiency of the car compared to alternative transport modes. A travel time survey was undertaken by NRMA and Bicycle NSW comparing the travel times of car, bicycle and public transport in the peak periods.

The survey involved collection of travel time information on six major routes into the Sydney CBD for six days over two weeks. The travel times for cars and bicycles were collected by physical surveys, whilst public transport times were determined using timetable information.

A similar survey was conducted for travel to Parramatta. See Parramatta Multimode Travel Time Survey.

Data Detail

- Travel time to the city—morning peak;
- Travel time from the city—evening peak; and
- Variance between modes.

Geographic Coverage

Sydney CBD (includes Brookvale, Killara, Ryde, Strathfield, Kogarah, and Little Bay).

Frequency of Data Availability

Data release is irregular.

Historical Data

Data are available for 1997.

Products and Services

Publications

- *Sydney Multimode Travel Time Survey, 1997*

Example of Information Available

TRAVEL TIME, WEEKDAY MORNING PEAK, COMMENCING 8AM (MINUTES)						
	From					
	<i>Brookvale</i>	<i>Killara</i>	<i>Ryde</i>	<i>Strathfield</i>	<i>Kogarah</i>	<i>Little Bay</i>
To Sydney—by						
Bicycle	37	35	33	47	50	28
Train/Bus	28	25	33	26	23	41
Car	42	35	35	31	42	31

TRAVEL

NAME OF COLLECTION

Time Use Survey

Contact

Assistant Director
Welfare Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7070
Facsimile: Canberra 02 6253 1673
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure the daily activity patterns of people in Australia in order to establish a basic Australian time use profile and to help derive a monetary value for all forms of unpaid work.

Description

This survey examines how people allocate time to different kinds of activities. It provides information on time spent in paid work, unpaid housework and shopping, caring for children and frail, sick and disabled people, community participation, education, leisure and personal maintenance. For the 1992 survey, a national sample was taken of approximately 3,000 households. Data were collected by personal interview of householders and by diaries kept by each person aged 15 and over in households. Basic demographic and socioeconomic characteristics were collected by interview. These include age, sex, birthplace, birthplace of parents, employment, education and income. Information was collected by diary on the activities in which people engaged and the time they spent on them.

Data detail

The main activity categories include:

- labour force;
- domestic activities;
- child care/minding;
- purchasing goods and services;
- personal care;
- education;

Data detail *continued*

- voluntary work and community participation;
- social life and entertainment;
- active leisure; and
- passive leisure.

Time use data are classified by socioeconomic and demographic characteristics of householders.

Data are available for Australia and larger States. Capital city, rest of State, urban and rest of State rural data may be available on a consultancy basis.

With regard to tourism, under the category 'active leisure', information was collected on the time spent on holiday travel and driving for pleasure.

Geographic coverage

Australia.

Frequency of data availability

Five-yearly to 1997, then twelve yearly.

Historical data

The first survey was conducted in 1992 and another in 1997. The next survey is scheduled for 2009.

Products and services available

Publications

- *Time Use Survey, Australia—User's Guide* (Cat. no. 4150.0)
- *How Australians Use Their Time—Selected Findings from the 1992 Time Use Survey, Australia* (Cat. no. 4153.0)
- *Focus on Families: Family Life* (Cat. no. 4425.0)

Other

- *Time Use Survey, Australian—Unit Record File* (Cat. no. 4152.0)

TRAVEL

Example of Information Available

AVERAGE TIME SPENT ON ALL ACTIVITIES, ALL PERSONS BY SEX, AUSTRALIA, 1992
(MINUTES PER DAY)

	<i>Males</i>	<i>Females</i>	<i>Persons</i>
Labour force—associated travel	24	11	18
Domestic activities—associated travel	1	1	1
Child care/minding—associated travel	2	6	4
Purchasing goods and services—associated travel	13	18	15
Sleeping, eating and personal care—associated travel	—	—	—
Education—associated travel	4	3	3
Voluntary work and community participation—associated travel	6	6	6
Social life and entertainment—associated travel	16	17	16
Active leisure—associated travel	6	4	5
Passive leisure—associated travel	—	—	—

NAME OF COLLECTION

Traffic Travel Time

Contact

Manager
 Road Information Section
 Information Services Department
 VicRoads
 60 Denmark Street
 KEW VIC 3101

Telephone: Melbourne 03 9854 2870
 Facsimile: Melbourne 03 9854 2166
 Email: Harveyw@vrnotes.roads.vic.gov.au
 Internet: <http://www.VicRoads.vic.gov.au>

Purpose

To provide strategic indicators for monitoring and benchmarking of Melbourne Metropolitan Declared road network.

Description

Traffic travel times are collected from a sample of the Melbourne metropolitan road network (all freeways and 15 per cent of arterial roads), using the floating car method. Travel time data are used to calculate Austroads performance indicators.

Data Detail

- Delays;
- Queue lengths; and
- Speed.

Geographic Coverage

Victoria, local government areas, metropolitan statistical divisions.

Frequency of Data Availability

Data are available every six months.

Historical Data

Data are available from 1994.

Products and Services

Publications

- *Traffic Parameters (Hardcopy)*
- *Traffic Volume Summary*
- *CULWAY Six Monthly Report*

TRAVEL

Other

- For data request, contact Road Information Customer Service
03 9854 2954.

Example of Information Available

<http://www.VicRoads.vic.gov.au>

OTHER

NAME OF COLLECTION

Australian Survey of Living Standards (proposed)

Contact

Contact Officer
Social Analysis and Reporting Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 6535
Facsimile: Canberra 02 6252 6870
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To develop measures of living standards in Australia.

Description

Development work for this survey is being undertaken by the ABS in co-operation with the Department of Social Security over the financial years 1997–98 and 1998–99. At this stage there is no obligation for a national living standards survey to proceed.

The project would enable links to be established for individuals and households between direct measures of living standards (such as housing), the resources available to support these (such as income and assets), and the various correlates of living standards (such as employment, health and transport).

Data are proposed to be collected by personal interview of households.

Data Detail

- Standard of living;
- Housing;
- Education;
- Employment;
- Transport;
- Health;
- Family;
- Social and leisure;
- Cash income;

OTHER

Data Detail *continued*

- In kind income;
- Capital transfers;
- Wealth/net worth;
- Financial security; and
- Demographic and other characteristics.

In relation to transport, testing has included data items on number of cars, average value of each car, number of cars comprehensively insured, and difficulty experienced travelling to important places.

Geographic Coverage

Australia.

Frequency of Data Availability

No data are available from development work. No commitment to a timetable for the survey has been made at this stage.

Historical Data

None

Products and Services

No products or services have been planned at this stage.

OTHER

NAME OF COLLECTION

Census of Population and Housing

Contact

Director
Census Processing and User Services Section
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7007
Facsimile: Canberra 02 6252 1809
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To measure the number and key characteristics of persons and dwellings in Australia on census night. Among other things, the information is used for forward planning by government, industry and community groups.

Description

The Census is conducted every five years and is an enumeration of the entire population. Information is collected from all Australian households by self-completion questionnaires.

Data Detail

- Demography (e.g. age, sex, marital status);
- Dwellings (e.g. number of bedrooms, rent, mortgage);
- Education;
- Ethnicity (e.g. birthplace, year of arrival);
- Income;
- Labour force (e.g. status, occupation, industry); and
- Transport.

In relation to transport, data are available for number of motor vehicles garaged, journey to work by mode of travel (includes origin/destination detail for selected areas), and a profiling capability for people working in the transport industry.

OTHER

Geographic Coverage

Australia, States and Territories. Data are classified according to the ASGC and are available for small areas down to Collection District.

Frequency of Data Availability

Data are available every five years.

Historical Data

The first census conducted by the Commonwealth of Australia was held in 1911 and censuses have been held at irregular intervals to 1961. Since 1961, a census has been conducted every five years, with the latest being 1996.

Products and Services

Publications

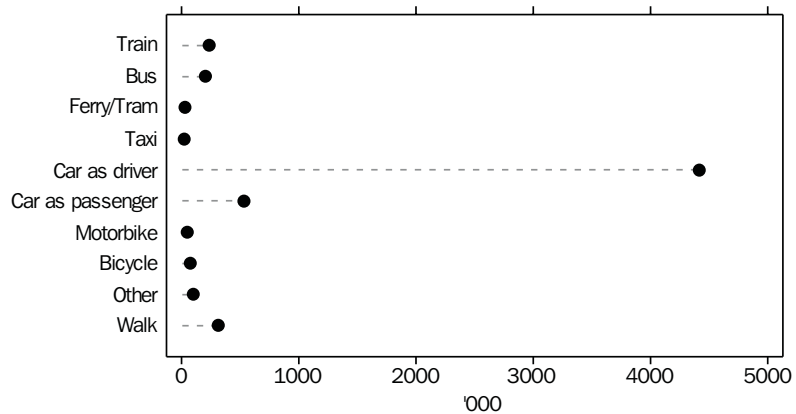
- Various publications are available and are listed in the *1996 Directory of Census Statistics* (Cat. no. 2910.0).

Other

- Community profiles are available in hard copy and all standard electronic formats. Customers with personal computers are supplied with simple data selection, viewing and aggregation software.
- Internet. A range of Community profile data and publications main features are available free of charge via the ABS web site at <http://www.abs.gov.au> (select the Census button).
- *CDATA96*. A CD-ROM product which contains census and digital map data and data manipulation and mapping software.
- Customised tables. Customers with personal computers are supplied with simple data selection, viewing and aggregation software.
- Map data are available in hard copy and all common digital forms.

Example of Information Available

METHOD OF GETTING TO WORK ON CENSUS DAY 1996, AUSTRALIA



OTHER

NAME OF COLLECTION

Transport Systems Centre

Contact

Administrative Officer
Transport Systems Centre
University of South Australia
GPO Box 2471
ADELAIDE SA 5001

Telephone: Adelaide 08 8302 1771
Facsimile: Adelaide 08 8302 1880
Email: kylie.cook.@unisa.edu.au
Internet: <http://www.unisa.edu.au/tsc/index.html>

Purpose

The Transport Statistics Centre (TSC) provides information and develops models on transportation systems for engineers, practitioners and decision makers.

Description

The Centre has conducted a number of studies in relation to transportation research including:

- Adelaide Taxi Industry Studies;
- Adelaide Taxi Safety Initiatives Study;
- Accessible Taxi Study;
- Road Safety Research;
- Road Traffic Studies (includes travel time and fuel consumption databases); and
- Road Traffic Network models;

The studies are based on data from the Department of Transport, the Office of Road Safety, other government agencies and data collected by the Centre.

Data Detail

For the Taxi Industry studies:

- Number;
- Kilometres travelled;
- Time taken;
- Fares;
- Origin and destination;
- Payment methods; and
- Rank, worksheet, and radio booking detail.

Data Detail

For the network modelling:

- Adelaide road transport network;
- Public transport routes;
- Network software databases for road engineering software; and
- Data from geographic information systems (GIS).

The road safety databases include:

- GIS based accident statistics for remote areas; and
- Location of hazardous light poles.

Geographic Coverage

Adelaide Metropolitan area.

Frequency of Data Availability

The majority are one-off studies but there is scope for extending the data available.

Historical Data

Many of the studies are post 1994 but data earlier than this may be available.

Products and Services

Publications

- The TSC actively disseminates its work through publications, conferences and workshops.

Example of Information Available

<http://www.unisa.edu.au/tsc/index.html>

OTHER

NAME OF COLLECTION

Year Book Australia

Contact

Director
Publishing and Electronic Dissemination
Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone: Canberra 02 6252 7142
Facsimile: Canberra 02 6252 6778
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Purpose

To provide a comprehensive overview of the economic and social conditions of contemporary Australia.

Description

The Year Book is the principal reference work produced by the ABS. It is a statistically oriented publication with sufficient background information to establish a context for the statistics included in it and to assist in understanding and interpreting them.

Many of the statistics are derived from other ABS statistical collections. However, a great deal of the information is also contributed by other, predominantly government, organisations. The official nature of the contributors to the Year Book ensures a high degree of objectivity and reliability in the picture presented of contemporary Australia.

Data Detail

The contents of the Year Book in respect to transport include:

- Road transport;
- Rail transport;
- Water transport;
- Air transport; and
- Government transport organisations.

Geographic Coverage

Australia.

Frequency of Data Availability

The Year Book is published annually.

Historical Data

The first Official Year Book of the Commonwealth was published in 1908.

Products and Services

Publications

- *Year Book Australia* (Cat. no. 1301.0)
- *New South Wales Year Book* (Cat. no. 1300.1)
- *Victorian Year Book* (Cat. no. 1301.2)
- *Queensland Year Book* (Cat. no. 1301.3)
- *South Australian Year Book* (Cat. no. 1301.4)
- *Western Australian Year Book* (Cat. no. 1300.5)
- *Tasmanian Year Book* (Cat. no. 1301.6)
- *Pocket Year Book, Australia* (Cat. no. 1302.0)
- *Queensland Pocket Year Book* (Cat. no. 1302.3)
- *Tasmanian Pocket Year Book* (Cat. no. 1302.6)

Other

- *Year Book Australia on CD-ROM* (Cat. no. 1301.0.30.001)

Example of Information Available

LENGTHS OF ROADS OPEN FOR GENERAL TRAFFIC, 30 June

	<i>NSW(a)</i> 1997	<i>Vic.(b)</i> 1997	<i>Qld</i> 1996	<i>SA</i> 1997	<i>WA(c)</i> 1997	<i>Tas.(d)</i> 1997	<i>NT(e)</i> 1997	<i>ACT</i> 1997
<i>Surface of roads</i>	<i>km</i>	<i>km</i>	<i>km</i>	<i>km</i>	<i>km</i>	<i>km</i>	<i>km</i>	<i>km</i>
Bitumen or concrete	87 188	72 674	65 129	26 233	45 845	10 012	6 255	2 457
Gravel, crushed stone or other improved surface	93 761	50 952	50 594	41 189	52 234	12 290	6 344	134
Formed only	(f)	34 442	44 606	20 393	32 219	841	4 577	—
Cleared only	n.a.	(g)	16 703	7 953	14 962	0	3 088	—
Total	180 949	158 068	177 032	95 768	145 260	23 143	20 264	2 591

(a) Excludes Lord Howe Island, forestry controlled roads or crown roads. (b) Excludes roads coming under the responsibility of the Department of Conservation and Natural Resources. (c) Excludes approximately 25,300 kilometres of forestry roads. (d) Forestry roads have been reclassified from cleared only to gravel. (e) Excludes roads in towns and Local Government Areas. There have been some roads transferred to Local Government Areas since 1992, 8,200 kilometres of roads on Aboriginal land, and 1,400 kilometres of park roads. (f) Included in gravel, crushed stone or other improved surface. (g) Included with Formed only.

Source: Derived mainly from Road and Traffic Authorities and local government sources in each State and Territory.

AUSTRALIAN BUREAU OF STATISTICS SERVICES

INTRODUCTION

The Australian Bureau of Statistics (ABS) is Australia's national statistical authority. It collects and disseminates information on a wide range of economic, social and demographic topics for Australia, its States and Territories.

Whether a small business owner, a marketing manager in a large corporation, a policy maker, a student, or whatever your interest, the ABS provides a range of information services designed to deliver statistical information to you. These include:

- Information consultancy service;
- Subscriptions;
- ABS bookshops;
- Electronic products and services;
- ABS statistics on the Internet;
- Library access to ABS information; and
- Statistical consultancy service.

INFORMATION CONSULTANCY SERVICE

To satisfy your information needs, the ABS provides an information consultancy service on a fee-for-service basis, ranging from a simple information inquiry to specialised in-depth data investigations. Information is provided in the format of your choice, for example, a hardcopy report (which can be mailed to you), or a file on computer diskette or compact disk (or a file which can be emailed to you).

ABS publications only contain a fraction of the available data.

SUBSCRIPTIONS

If you want access to ABS publications on a regular basis, the ABS subscription service is the solution. With subscription, you receive your choice of publications directly through the mail.

To subscribe to ABS publications, you order in advance on an annual basis. You can amend your subscription at any time and include new products as they become available. You may also subscribe to on-line services or a range of special non-publication data services.

ABS SERVICES

SUBSCRIPTIONS *continued*

For more information about the ABS subscription service:

Mail: ABS Subscription Services
GPO Box 2796Y
MELBOURNE VIC 3000 AUSTRALIA
Free call: Melbourne 1800 020 608
Facsimile: Melbourne 03 9615 7848

ABS BOOKSHOPS

ABS bookshops, located in ABS offices in each capital city, sell all publications released by the ABS which are currently in print.

If you are interested in purchasing a publication, you may visit any ABS bookshop in person or you may phone or fax to order a publication using your Bankcard, Visa, Mastercard or American Express credit card.

ELECTRONIC PRODUCTS AND SERVICES

In addition to printed publications you can access a wide range of statistical information through various electronic media, giving you instant access to a wide variety of information and the power to analyse and sort data via your personal computer.

You can obtain access to over 40,000 time series through the on-line PC Ausstats service or purchase the Integrated Regional Database (IRDB98), a CD-ROM product containing small area current and historical Australian economic, agricultural, social, demographic and environment data.

To find out more about the range of electronic data services available, contact Information Consultancy Services in any of our offices.

THE INTERNET

Basic ABS statistics are also available to the public via the Internet. The ABS StatSite contains ABS data across a range of subjects, including key economic indicators and also includes a full address list of Library Extension Program libraries across Australia.

The ABS StatSite address is <http://www.abs.gov.au>

University students—providing that your university is a subscriber, you can obtain a more extensive range of ABS data via the Internet—the ABS Time Series Service. Your university librarian should be contacted for assistance.

LIBRARY ACCESS TO ABS INFORMATION

If you wish to access the ABS statistical information, you can do so at any ABS office library. ABS office libraries are available for public reference, generally by appointment only (please contact your local ABS office for further information). These operate on a 'self-help' basis. However, ABS librarians are able to facilitate fee-based information consultancies for clients.

ABS statistical information is also available to the community through the libraries participating in the Library Extension Program via public, State, TAFE and university libraries. Staff in these libraries have received training in the use of ABS information and are able to meet many information needs of the general community. Many school libraries also hold ABS publications.

STATISTICAL CONSULTANCY SERVICE

The ABS also offers a specialised statistical consultancy service to clients.

ABS OFFICES AND CONTACT NUMBERS

NATIONAL OFFICE	Wing 5 Inquiries 02 6252 6627 Cameron Offices Fax 02 6207 0282 Chandler Street BELCONNEN ACT 2617 PO Box 10 BELCONNEN ACT 2616
NEW SOUTH WALES	5th Floor Inquiries 02 9268 4611 St Andrews House Fax 02 9268 4668 Sydney Square SYDNEY NSW 2000 GPO Box 796 SYDNEY NSW 2001
VICTORIA	5th Floor Inquiries 03 9615 7755 Commercial Union Tower Fax 03 9615 7798 485 LaTrobe Street MELBOURNE VIC 3000 GPO Box 2796Y MELBOURNE VIC 3001
QUEENSLAND	18th Floor Inquiries 07 3222 6351 313 Adelaide Street Fax 07 3222 6283 BRISBANE QLD 4000 GPO Box 9817 BRISBANE QLD 4001

ABS SERVICES

SOUTH AUSTRALIA	7th Floor East Inquiries 08 8237 7400 Commonwealth Centre Fax 08 8237 7566 55 Currie Street ADELAIDE SA 5000 GPO Box 2272 ADELAIDE SA 5001
WESTERN AUSTRALIA	Level 16, Exchange Plaza Inquiries 08 9360 5140 2 The Esplanade Fax 08 9360 5955 PERTH 6000 GPO Box K881 PERTH 6001
TASMANIA	200 Collins Street Inquiries 03 6222 5800 HOBART TAS 7000 Fax 03 6222 5995 GPO Box 66A HOBART TAS 7001
NORTHERN TERRITORY	7th Floor AANT House Inquiries 08 8943 2111 81 Smith Street Fax 08 8981 1218 DARWIN NT 0800 GPO BOX 3796 DARWIN NT 0801
AUSTRALIAN CAPITAL TERRITORY	Level 5 Inquiries 02 6252 6627 QBE Insurance Building Fax 02 6207 0282 33-35 Ainslie Avenue CANBERRA CITY ACT 2601 PO Box 10 BELCONNEN ACT 2616

CONTRIBUTORS AND OTHER SOURCES

Listed by State and Territory:

AUSTRALIAN CAPITAL TERRITORY

Australian Automobile Association
GPO Box 1555
CANBERRA ACT 2601
Telephone: Canberra 02 6247 7311
Facsimile: Canberra 02 6257 5320
Internet: <http://www.aaa.asn.au>
No Directory entry.

Australian Bureau of Agricultural and Resource Economics
Minerals, Energy and Resource Branch
GPO Box 1563
CANBERRA ACT 2601
Telephone: Canberra 02 6272 2140
Facsimile: Canberra 02 6272 2344
Email: sbush@abare.gov.au
Internet: <http://www.abare.gov.au>

Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616
Telephone: Canberra 02 6252 6627
Facsimile: Canberra 02 6253 1404
Email: client.services@abs.gov.au
Internet: <http://www.abs.gov.au>

Australian Chamber of Commerce and Industry
PO Box E14, Queen Victoria Tce
BARTON ACT 2600
Telephone: Canberra 02 6273 2311
Facsimile: Canberra 02 6273 3286
Email: acci@acci.asn.au
Internet: <http://www.acci.asn.au>
No Directory entry.

Australian Maritime Safety Authority
GPO Box 2181
CANBERRA CITY ACT 2601
Telephone: Canberra 02 6279 5000
Facsimile: Canberra 02 6279 5866
Email: dag@amsa.gov.au
Internet: <http://www.amsa.gov.au>
No Directory entry.

CONTRIBUTORS AND OTHER SOURCES

AUSTRALIAN CAPITAL TERRITORY *continued*

Bureau of Air Safety Investigation
GPO Box 967
CIVIC SQUARE ACT 2608
Telephone: Canberra 02 6274 6420
Facsimile: Canberra 02 6274 6474
Email: p.saint@dot.gov.au
Internet: <http://www.basi.gov.au>
No Directory entry.

Bureau of Tourism Research
GPO Box 1545
CANBERRA ACT 2601
Telephone: Canberra 02 6213 7124
Facsimile: Canberra 02 6213 6983
Email: bureau.tourism.research@dist.gov.au
Internet: <http://www.btr.gov.au>

Bureau of Transport Economics
Land and Environment Branch
PO Box 501
CANBERRA ACT 2601
Telephone: Canberra 02 6274 6879
Facsimile: Canberra 02 6274 7170
Email: David.Gargett@dotrs.gov.au
Internet: <http://www.dotrs.gov.au/bte/publist5.htm>

Bureau of Transport Economics
Sea, Air and Safety
PO Box 501
CANBERRA ACT 2601
Telephone: Canberra 02 6274 6751
Facsimile: Canberra 02 6274 6816
Email: stephen.wheatstone@dotrs.gov.au
Internet: <http://www.dotrs.gov.au/bte/publist5.htm>

Bureau of Transport Economics
Transport Indicators
PO Box 501
CANBERRA ACT 2601
Telephone: Canberra (02) 6274 6823
Facsimile: Canberra (02) 6230 1785
Email: Tony.Carmody@dotrs.gov.au
Internet:
<http://www.dot.gov.au/programs/bte/genpub/welcome.htm>

CONTRIBUTORS AND OTHER SOURCES

AUSTRALIAN CAPITAL TERRITORY *continued*

Bureau of Transport Economics
Waterline Statistics
PO Box 501
CANBERRA ACT 2601
Telephone: Canberra 02 6274 6628
Facsimile: Canberra 02 6230 6816
Email: TCarlson@email.dot.gov.au
Internet: <http://www.dot.gov.au/programs/bte/btehome.htm>

Department of Industry, Science and Resources
Downstream Petroleum Section
GPO Box 858
CANBERRA ACT 2601
Telephone: Canberra 02 6213 7966
Facsimile: Canberra 02 6213 7950
Email: nur.ahmed@isr.gov.au
Internet: <http://www.isr.gov.au>

Department of Transport and Regional Services
Aviation Statistics and Analysis
GPO Box 594
CANBERRA ACT 2601
Telephone: Canberra 02 6274 7720
Facsimile: Canberra 02 6274 7727
Email: AVSTATS@email.dot.gov.au
Internet: <http://www.dot.gov.au/programs/avpol/avstats.htm>

Department of Transport and Regional Services
GPO Box 594
CANBERRA ACT 2601
Telephone: Canberra 02 6274 7111
Facsimile: Canberra 02 6274 4736
Email: cmd@dot.gov.au
Internet: <http://www.dot.gov.au/phbook.htm>

Federal Chamber of Automotive Industries
GPO Box 313
CANBERRA ACT 2601
Telephone: Canberra 02 6247 3811
Facsimile: Canberra 02 6248 7673
Email: fc ai@spirit.com.au

Federal Office of Road Safety
GPO Box 594
CANBERRA ACT 2601
Telephone: Canberra 02 6274 7136
Facsimile: Canberra 02 6274 7922
Email: M.McFadde@atsb.gov.au
Internet: <http://www@atsb.gov.au>

CONTRIBUTORS AND OTHER SOURCES

AUSTRALIAN CAPITAL TERRITORY *continued*

Natroad Limited
GPO Box 2368
CANBERRA ACT 2601
Telephone: Canberra 02 6230 6889
Facsimile: Canberra 02 6230 1910
No Directory entry.

Road Transport Forum
GPO Box 1879
CANBERRA ACT 2601
Telephone: Canberra 02 6247 5832
Facsimile: Canberra 02 6248 9702
Email: rtf@truck.net.au
Internet: under construction
No Directory entry.

NEW SOUTH WALES

Australian Bus & Coach Association
Locked Bag 13
NORTH PARRAMATTA NSW 2151
Telephone: Sydney 02 9630 8655
Facsimile: Sydney 02 9683 1465
Email: abic@ozemail.com.au
Internet: <http://www.buscon.com.au>

Australian Chamber of Shipping Ltd
Level 5, 6 Underwood Street
SYDNEY NSW 2000
Telephone: Sydney 02 9251 9977
Facsimile: Sydney 02 9251 9505
Internet: under construction
No Directory entry.

The Australian Council for Infrastructure Development
Level 7, 167 Macquarie Street
Sydney NSW 2000
Telephone: Sydney 02 9231 0722
Facsimile:
Email: info@auscid.org.au
Internet: <http://www.auscid.org.au>

Austroads
PO Box K659
HAYMARKET NSW 2000
Telephone: Sydney 02 9264 2550
Facsimilie: Sydney 02 9264 1657
Email: austroads@ozemail.com.au
Internet: <http://www.austroads.com.au>
No Directory entry.

NEW SOUTH WALES *continued*

BIS Shrapnel
 Level 8, 181 Miller St
 NORTH SYDNEY NSW 2060
 Telephone: Sydney 02 9959 5924
 Facsimile: Sydney 02 9959 5795
 Email: shrapnel@bis.com.au
 Internet: <http://www.bis.com.au>

MariTrade
 PO Box Q177, QVB Post Office
 SYDNEY NSW 1230
 Telephone: Sydney 02 9264 1606
 Facsimile: Sydney 02 9267 2976
 Email: maritrade@ozemail.com.au
 Internet: <http://www.maritrade.com.au>

National Rail Corporation
 PO Box 1419
 PARRAMATTA NSW 2124
 Telephone: Sydney 02 9685 2404
 Facsimile: Sydney 02 9687 1804
 No Directory entry.

Newcastle Port Corporation
 PO Box 664
 NEWCASTLE NSW 2300
 Telephone: Newcastle 02 4927 2400
 Facsimile: Newcastle 02 4927 2429
 Email: harbour@ozemail.com.au
 Internet: <http://www.newportcorp.com.au>

NRMA Limited
 Transport and Environment
 388 George Street
 SYDNEY NSW 2000
 Telephone: Sydney 1800 678 784
 Facsimile: Sydney 02 9292 8485
 Email: cleanair2000@nrma.com.au
 Internet: <http://www.nrma.com.au>

NSW Department of Transport
 Transport Data Centre
 PO Box 1620
 SYDNEY NSW 2001
 Telephone: Sydney 02 9268 2858
 Facsimile: Sydney 02 9268 2853
 Email: tdcdata@transport.nsw.gov.au
 Internet: <http://www.transport.nsw.gov.au>

CONTRIBUTORS AND OTHER SOURCES

NEW SOUTH WALES *continued*

Port Kembla Port Corporation
PO Box 89
PORT KEMBLA NSW 2505
Telephone: Port Kembla 02 4275 0113
Facsimile: Port Kembla 02 4274 0643
Email: nzs@kemblaport.com.au
Internet: <http://www.kemblaport.com.au>

Roads and Traffic Authority of NSW
Registration Research Unit
PO Box K198
HAYMARKET NSW 1238
Telephone: Sydney 02 9218 3578
Facsimile: Sydney 02 9218 6563
Email: Barbara_Black@rta.nsw.gov.au
Internet: <http://www.rta.nsw.gov.au>

Roads and Traffic Authority of NSW
Road Safety and Traffic Management Directorate
Information Branch
PO Box K198
HAYMARKET NSW 1238
Telephone: (02) 9218 6888
Facsimile: (02) 9218 6619
Email: rta@rta.nsw.gov.au
Internet: <http://www.rta.nsw.gov.au>

Roads and Traffic Authority of NSW
Traffic Technology Branch
52 Rothschild Avenue
ROSEBERY NSW 2018
Telephone: Sydney 02 9662 5616
Facsimile: Sydney 02 9662 5169
Email: Ray_Daltrey@rta.nsw.gov.au
Internet: <http://www.rta.nsw.gov.au>

Sydney Ports Corporation
PO Box 25
MILLERS POINT NSW 2000
Email: enquiries@sydports.com.au
Internet: <http://www.sydports.com.au>
Telephone: Sydney 02 9296 4745
Facsimile: Sydney 02 9296 4742
No Directory entry.

NEW SOUTH WALES *continued*

University of Sydney
 Institute of Transport Studies
 SYDNEY NSW 2006
 Telephone: Sydney 02 9351 0071 or 02 9351 0086
 Facsimile: Sydney 02 9351 0088
 Email: jennyk@its.usyd.edu.au
 Internet: <http://www.its.usyd.edu.au>

University of Wollongong
 School of Mathematics and Statistics
 WOLLONGONG NSW 2522
 Telephone: Wollongong 02 4221 3421
 Facsimile: Wollongong 02 4221 4845
 Email: phillip.laird@uow.edu.gov

Maritime Assets Division
 Waterways Authority
 PO Box 11
 MILLERS POINT NSW 2000
 Telephone: Sydney 02 9364 2039
 Facsimile: Sydney 02 9364 2444
 Email: michael.freeland@mail.ccsu.nsw.gov.au
 Internet: <http://www.waterways.nsw.gov.au>

VICTORIA

Apelbaum Consulting Group
 PO Box 6712, St Kilda Road Central
 MELBOURNE VIC 3004
 Telephone: Melbourne 03 9530 2588
 Facsimile: Melbourne 03 9530 2510
 Email: acg1@tpgi.com.au

ARRB Transport Research
 500 Burwood Highway
 VERMONT SOUTH VIC 3133
 Telephone: Melbourne 03 9881 1566
 Facsimile: Melbourne 03 9887 8104
 Email: thorolft@arrb.org.au
 Internet: <http://www.arrb.org.au>

Australasian Railway Association
 Research Department
 PO Box 266, Collins Street West
 MELBOURNE VIC 8007
 Telephone: Melbourne 03 9614 5316
 Facsimile: Melbourne 03 9614 5514
 Email: DavidHill@access.net.au
 Internet: <http://www.ara.net.au>

CONTRIBUTORS AND OTHER SOURCES

VICTORIA *continued*

Department of Infrastructure
Victorian Taxi Directorate
PO Box 666
NORTH MELBOURNE VIC 3051
Telephone: Melbourne 03 9320 4374
Facsimile: Melbourne 03 9320 4339
Internet: <http://www.doi.vic.gov.au>

Department of Infrastructure
Tow Truck Directorate of Victoria
PO Box 666
NORTH MELBOURNE VIC 3051
Telephone: Melbourne 03 9320 4328
Facsimile: Melbourne 03 9320 4339
Email: jeff.dalman@doi.vic.gov.au
Internet: <http://www.doi.vic.gov.au>

FDF Management Pty Ltd
69 Grey St
EAST MELBOURNE VIC 3003
Telephone: Melbourne 03 9416 4211
Facsimile: Melbourne 03 9417 4407
Email: fdmgt@ozemail.com.au
Internet: <http://www.ozemail.com.au/~fdmgt>

Federal Chamber of Automotive Industries
VFACTS Unit
GPO Box 313
CANBERRA ACT 2601
Telephone: Melbourne 03 9829 1234
Facsimile: Melbourne 03 9867 4006
Email: vfacts@ocean.com.au
Internet: <http://autonews.net> (Restricted access)

Glass's Guide
48 La Trobe Street
MELBOURNE VIC 3000
Telephone: Melbourne 03 9663 3009
Facsimile: Melbourne 03 9663 3049
Email: glassad@glassguide.com.au
Internet: <http://www.glassguide.com.au>

Marine Board of Victoria
Recreational Boating
PO Box 2797Y
MELBOURNE VIC 3001
Telephone: Melbourne 03 9655 3399
Facsimile: Melbourne 03 9655 6611
Email: steve.parsons@doi.vic.gov.au

VICTORIA *continued*

Melbourne Port Corporation
 PO Box 4721
 MELBOURNE VIC 3001
 Telephone: Melbourne 03 9628 7555
 Facsimile: Melbourne 03 9628 7550
 Internet: <http://www.melbport.com.au>
 No Directory entry.

National Road Transport Commission
 PO Box 13105
 LAW COURTS VIC 8010
 Telephone: Melbourne 03 9321 8408
 Facsimile: Melbourne 03 9321 8408
 Email: nrtc@ozonline.com.au
 Internet: <http://www.nrtc.gov.au>

Port of Geelong
 PO Box 344
 GEELONG VIC 3213
 Telephone: Geelong 03 5222 1644
 Facsimile: Geelong 03 5221 6883
 No Directory entry.

Productivity Commission
 Steering Committee on National Performance Monitoring of
 Government Trading Enterprises
 Locked Bag 2 Collins Street East
 MELBOURNE VIC 8003
 Telephone: Melbourne 03 9653 2100
 Facsimile: Melbourne 03 9653 2199

RMIT University
 Transport Research Centre
 PO Box 598 Market St
 MELBOURNE VIC 8007
 Telephone: Melbourne 03 9629 4835 or 9925 5607
 Facsimile: Melbourne 03 9829 4839
 Email: trc@rmit.edu.au
 Internet: <http://www.trc.rmit.edu.au>

State Bicycle Committee
 2nd Floor, 60 Denmark Street
 KEW VIC 3101
 Telephone: Melbourne 03 9854 2315
 Facsimile: Melbourne 03 9854 2918
 Email: harry_tew@vrnotes.roads.vic.gov.au
 Internet: <http://www.vicroads.gov.au>

CONTRIBUTORS AND OTHER SOURCES

VICTORIA *continued*

Transec Pty Ltd
PO Box 18057 Collins Street East
MELBOURNE VIC 3000
Telephone: Melbourne 03 9650 3356
Facsimile: Melbourne 03 9650 3326
Email: transec@ozemail.com.au

Transport Workers Union of Australia
PO Box 211
CARLTON SOUTH VIC 3053
Telephone: Melbourne 03 9347 0099
Facsimile: Melbourne 03 9347 2502
Email: info@twu-federal.asn.au
Internet: <http://www.twu-federal.asn.au>
No Directory entry.

The Urban Transport Institute Pty Ltd
Level 7, 20 Queen Street
MELBOURNE VIC 3000
Telephone: Melbourne 03 9629 5078
Facsimile: Melbourne 03 9629 5349
Email: plh_tuti@hotmail.com.au
No Directory entry.

VicRoads
Information Services Department
Road Information Section
60 Denmark Street
KEW VIC 3101
Telephone: Melbourne 03 9854 2870
Facsimile: Melbourne 03 9854 2166
Email: Harveyw@vrnotes.roads.vic.gov.au
Internet: <http://www.VicRoads.vic.gov.au>

QUEENSLAND

Government Statistician's Office
PO Box 37 Albert Street
BRISBANE QLD 4002
Telephone: Brisbane 07 3224 5672
Facsimile: Brisbane 07 3227 7437
Email: gso@gso.qld.gov.au
Internet: <http://www.gso.qld.gov.au>
No Directory entry.

QUEENSLAND *continued*

Port of Brisbane Corporation
GPO Box 1818
BRISBANE QLD 4001
Telephone: 07 3258 4888
Facsimile: 07 3258 4703
Email: portbris@bo22.aone.net.au
Internet: <http://www.port-of-brisbane.qld.gov.au>
No Directory entry.

Queensland Tourist and Travel Corporation
Strategic Services Division
GPO Box 328
BRISBANE QLD 4001
Telephone: Brisbane 07 3406 5420
Facsimile: Brisbane 07 3406 5329
Email: pottera@qttc.com.au
Internet: <http://www.qttc.gov.au>
No Directory entry.

Queensland Transport
Maritime Division
Floor 22 Mineral House
41 George Street
BRISBANE QLD 4000
Telephone: Brisbane 07 3224 2617
Facsimile: Brisbane 07 3224 8718
Email: johnmregan/maritime/q.qdot/au
Internet: <http://www.transport.qld.gov.au>

Queensland Transport
Road Use Data Analysis
PO Box 673
FORTITUDE VALLEY QLD 4006
Telephone: Brisbane 07 3253 4229
Facsimile: Brisbane 07 3253 4410
Internet: <http://www.roadsafety.net>

Queensland Transport
Transport Coordination and Logistics Division
GPO Box 1549
BRISBANE QLD 4001
Telephone: Brisbane 07 3224 8454
Facsimile: Brisbane 07 3237 9691
Email: Catherine.M.Reid@transport.qld.gov.au
Internet: <http://www.transport.qld.gov.au>

CONTRIBUTORS AND OTHER SOURCES

SOUTH AUSTRALIA

Port of Adelaide
Ports Corporation South Australia
PO Box 19
PORT ADELAIDE SA 5015
Telephone: 08 8447 0611
Facsimile: 08 8447 0605
Email: portscorp@portscorp.com.au
Internet: <http://www.portscorp.com.au>
No Directory entry.

Transport SA
PO Box 1
WALKERVILLE SA 5081
Telephone: Adelaide 08 8343 2405
Facsimile: Adelaide 08 8343 2725
Email: lindsay.oxlad@roads.sa.gov.au
Internet: <http://www.transport.sa.gov.au>
No Directory entry.

University of South Australia
Transport Systems Centre
GPO Box 2471
ADELAIDE SA 5001
Telephone: Adelaide 08 8302 1771
Facsimile: Adelaide 08 8302 1880
Email: kylie.cook.@unisa.edu.au
Internet: <http://www.unisa.edu.au/tsc/index.html>

WESTERN AUSTRALIA

Mains Roads Departments
PO Box 6202
EAST PERTH WA 6892
Telephone: Perth 08 9323 4111
Facsimile: Perth 08 9323 4430
Email: dac@mrwa.wa.gov.au
Internet: <http://www.mrwa.wa.gov.au>
No Directory entry.

Murdoch University
Institute for Science and Technology Policy
Sustainable Urban Transport Research Group
MURDOCH WA 6150
Telephone: Perth (08) 9360 2876
Facsimile: Perth (08) 9360 6421
Email: kenworth@central.murdoch.edu.au
Internet: <http://wwwistp.murdoch.edu.au>

WESTERN AUSTRALIA *continued*

Port of Fremantle
PO Box 95
FREMANTLE WA 6950
Telephone: 08 9430 4911
Facsimile: 08 9336 1391
Email: mail@freport.wa.gov.au
Internet: <http://www.freport.gov.au>
No Directory entry.

Transport WA
PO Box 7272
Cloisters Square
PERTH WA 6880
Telephone: Perth 08 9320 9320
Facsimile: Perth 08 9320 9321
Internet: <http://www.transport.wa.gov.au>
No Directory entry.

TASMANIA

Hobart Port Authority
GPO Box 202B
HOBART TAS 7001
Telephone 03 6235 1000
Facsimile: 03 6231 0693
Internet: <http://www.hpc.com.au>
Email: pcontrol@hpc.com.au
No Directory entry.

Department of Transport
Land Transport Planning
GPO Box 936J
HOBART TAS 7001
Telephone: Hobart 03 6233 6035
Facsimile: Hobart 03 6233 4978
Email: e-gall@dot.tas.gov.au
Internet: <http://www.transport.tas.gov.au>

NORTHERN TERRITORY

NT Department of Transport and Works
Transport Group
GPO Box 2520
DARWIN NT 0801
Telephone: Darwin 08 8924 7038 or 8) 8924 7089
(Statistical liaison)
Facsimile: Darwin 08 8924 7937
Email: Phil.Cross@nt.gov.au
Internet: <http://www.nt.gov.au/dtw>
No Directory entry.

NORTHERN TERRITORY *continued*

Port of Darwin
GPO Box 390
DARWIN NT 0801
Telephone 08 8999 3990
Facsimile: 03 8981 1175
Internet: <http://www.nt.gov.au/dpa>
Email: bruce.wilson@dpa.nt.gov.au
No Directory entry.

CONTRIBUTOR AND DATA SOURCES INDEX

CONTRIBUTOR	DATA SOURCES	PAGE
Apelbaum Consulting Group	Australian Pipeline Use and Energy Consumed, Survey of Rail and Bus Use Survey	137
	Road User Data	121
	Vessel Costs for Australian and International Shipping	122
ARRB Transport Research	Compilation of Weigh in Motion Data for Trucks	166
	Vehicle Speed Survey: Non-urban Arterial Roads	130
Australasian Railway Association	Rail Industry Survey	138
Australian Bureau of Agricultural and Resource Economics	Biennial Fuel and Electricity Survey	84
Australian Bureau of Statistics	Agricultural Finance Survey	1
	Average Weekly Earnings	59
	Balance of Payments	50
	Business Expectations Survey	181
	Business Growth and Performance Survey	183
	Business Register	185
	Causes of Death	142
	Census of Population and Housing	238
	Characteristics of Small Business Owners	187
	Company Profits, Survey of	189
	Construction Industry Survey	11
	Consumer Price Index	172
	Disability, Ageing and Carers, Survey of	217
	Economic Activity Survey	191
	Education and Training, Survey of	17
	Employee Earnings and Hours	61
	Employment and Earnings, Survey of	63
	Engineering Construction Survey	13
	Environmental Attitudes and Practices	27
	Environmental Protection and Expenditure	
	Freight Movements Survey	34
	Government Finance Statistics	48
Household Expenditure Survey	175	
Industrial Disputes	65	
Information Technology, Survey of	196	
Innovation in Industry	198	
International Investment, Survey of	53	

CONTRIBUTOR AND DATA SOURCE INDEX

CONTRIBUTOR	DATA SOURCES	PAGE
Australian Bureau of Statistics <i>continued</i>	International Merchandise Trade Statistics	55
	Job Vacancies and Overtime	67
	Labour Costs	69
	Labour Force Supplementary Surveys	74
	Labour Force Survey	71
	Lending Finance	89
	Living Standards (proposed), Survey of	236
	Manufacturing Production Survey	80
	Manufacturing Survey	82
	Mining and Utilities Collection	86
	Motor Vehicle Census	102
	Motor Vehicle Hire Industry, Survey of	96
	Motor Vehicle Use, Survey of	119
	National Accounts	134
	National Health Survey	144
	New Capital Expenditure, Survey of	200
	New Motor Vehicle Registrations	105
	Overseas Arrivals and Departures	225
	Research and Experimental Development, Survey of	202
	Retail Activity Survey	204
	Retail and Services Census	206
	Small Business in Australia	208
	Time Use Survey	231
	Training Expenditure Survey	20
	Training Practices Survey	23
	Transport Industry Survey/Business Vehicle Survey	212
	Wage Cost Index	77
	Wholesale Industry Survey	214
	Year Book Australia	243
	Australian Bus & Coach Association	ABCA Factsheet—Bus & Coach Industry Statistics
Australian Council for Infrastructure Development	Infrastructure Survey 2000 (AusCID)	15
BIS Shrapnel	Road Freight	41
Bureau of Tourism Research	International Visitor Survey	168
	National Visitor Survey	170

CONTRIBUTOR AND DATA SOURCE INDEX

CONTRIBUTOR	DATA SOURCES	PAGE
Bureau of Transport Economics	Coastal Shipping	153
	Greenhouse Gas Emissions from Australian Transport: Long-Term Projections	30
	Freight Flows in Australian Transport Corridors	32
	International Cargo Statistics	39
	Ship Movement Data	162
	Statistical Information on Transport Freight, Transport Passenger, Communications and General Economics	44
Department of Infrastructure (Victoria)	Licenced Commercial Passenger Vehicles in Victoria	100
	Licenced Tow Trucks in Victoria	101
Department of Primary Industries and Energy	Australian Petroleum Statistics	46
Department of Transport and Regional Services (Aviation Statistics and Analysis)	General Aviation	4
	International Airlines	5
	Major Australian Airlines (formerly Domestic Airlines)	7
	Regional Airlines	9
Department of Transport (Tasmania)	Heavy Freight Demanders, Survey of	38
FDF Management Pty Ltd	FreightInfo TM	36
Federal Chamber of Automotive Industries	Australian Motor Industry New Truck Sales	107
	Australian Motor Industry New Vehicle Sales	109
Federal Office of Road Safety	Road Crash Database	148
Glass's Guide	Motor Vehicle Pricing, Specification and User and Trend Analyses . . .	98
Marine Board of Victoria	Registration of Vessels (Victoria)	161
MariTrade	Sea and Air Freight Cargo Statistics/Shipping Container Statistics	43
Ministry for Forest and Marine Administration (Office of Marine Administration)	NSW Regional Ports Trade Statistics (Yamba and Eden)	157

CONTRIBUTOR AND DATA SOURCE INDEX

CONTRIBUTOR	DATA SOURCES	PAGE
Murdoch University (Institute for Science and Technology Policy, Sustainable Urban Transport Research Group)	International Database on Urban Land Use and Transport	117
National Road Transport Commission	Large and Special Vehicle Survey	94
	Truck Load Survey—Survey of Truck Use and Loading Patterns	126
Newcastle Port Corporation	Trade Statistics for Port of Newcastle	164
NRMA Limited	Clean Air 2000 Monitor of Public Attitudes	25
	Parramatta Multimode Travel Time Survey	227
	Sydney Multimode Travel Time Survey	229
NSW Department of Transport	1991—92 Commercial Vehicles Survey	114
	Home Interview Survey/Household Travel Survey.	220
	Journey to Work Data Set.	223
Port Kembla Port Corporation	Port Kembla Trade and Ship Visits	159
Productivity Commission	Government Trading Enterprises Performance Indicators	194
Queensland Transport	Marine Incidents (Queensland)	155
	Road Traffic Crashes in Queensland	152
	Trade Statistics for Queensland Ports	165
RMIT University (Transport Research Centre)	Victorian Activity and Travel Survey.	132
Roads and Traffic Authority of NSW	Road Traffic Accidents	150
	Traffic Volume Data	125
	Vehicle and Driver Statistics	128
State Bicycle Committee (Victoria)	Cyclists Characteristics and Cycling Patterns, Survey of	216
Transec Pty Ltd	Transec Road Freight Cost Indices.	45
University of South Australia (Transport Systems Centre)	Adelaide Taxi Industry Studies	111
	Transport Systems Centre	241

CONTRIBUTOR AND DATA SOURCE INDEX

CONTRIBUTOR	DATA SOURCES	PAGE
University of Sydney (Institute of Transport Studies)	ITS International Bus and Coach Performance Benchmarking Program	93
University of Wollongong (School of Mathematics and Statistics)	Rail System Energy Use and Efficiency	140
VicRoads	Road Accident Statistics	146
	Total Vehicle and Truck Volumes	123
	Traffic Travel Time	234