

2000
POCKET YEAR BOOK
AUSTRALIA

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Preface

Pocket Year Book Australia is a companion publication to *Year Book Australia* (1301.0). It provides a broad statistical picture of Australia's economic and social environment in a convenient pocket size.

Tables for this *Pocket Year Book* have been selected from *Year Book Australia 2000*. However, due to size and space constraints, time series data have been reduced.

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Symbols and units of measurement

Yearly periods shown as, for example, 1999 refers to the year ended 31 December 1999. Those shown as, for example, 1998–99 refer to the year ended 30 June, 1999.

Values are shown in Australian dollars (\$) or cents (c) unless another currency is specified.

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

\$	dollars
°C	degrees Celsius
\$m	\$ million
\$b	\$ billion (thousand million)
'000	thousand
est.	estimates
GL	gigalitres
Gt	gigatonnes
ha	hectares
kg	kilograms
km	kilometres
km ²	square kilometres
kt	kilotonnes
kW.h	kilowatt hours
L	litres

m ²	square metres
m ³	cubic metres
ML	megalitres
mL	millilitres
mm	millimetres
mtoe	million tonnes of oil
equivalent	
n.a.	not available
n.e.c.	not elsewhere classified
n.e.i.	not elsewhere included
n.e.s.	not elsewhere specified
n.f.d.	not further defined
no.	number
n.p.	not published
p	preliminary
p.a.	per annum
PJ	petajoules
t	tonnes
TJ	terajoules
TL	teralitres
—	nil or rounded to zero
. .	not applicable
*	subject to sampling
	variability too high for
	most practicable
	purposes
%	per cent

Abbreviations

ABS	Australian Bureau of Statistics
AIDS	Acquired Immune Deficiency Syndrome
AIHW	Australian Institute of Health and Welfare
AUSLIG	Australian Surveying and Land Information Group
GDP	Gross Domestic Product
GMT	Greenwich Mean Time
HECS	Higher Education Contribution Scheme
HIV	Human Immunodeficiency Virus
LPG	Liquefied Petroleum Gas
R&D	Research and Development

The following abbreviations are used for the titles of Australia, its States and Territories:

NSW	New South Wales
Vic.	Victoria
Qld	Queensland
WA	Western Australia
SA	South Australia
Tas.	Tasmania
NT	Northern Territory
ACT	Australian Capital Territory
Aust.	Australia

1.1 AREA, COASTLINE, TROPICAL AND TEMPERATE ZONES, AND STANDARD TIMES

State/Territory	Estimated area		Length of coastline(a) km	% of total area		Standard times	
	Total km ²	Total area %		Tropical zone	Temperate zone	Meridian selected	Ahead of GMT(b) hours
New South Wales	800 640	10.41	2 140	..	100	150°E	10.0
Victoria	227 420	2.96	2 510	..	100	150°E	10.0
Queensland	1 730 650	22.5	13 350	54	46	150°E	10.0
South Australia	983 480	12.79	5 070	..	100	142°30' E	9.5
Western Australia	2 529 880	32.89	20 780	37	63	120°E	8.0
Tasmania	68 400	.89	4 880	..	100	150°E	10.0
Northern Territory	1 349 130	17.54	10 950	81	19	142°30' E	9.5
Australian Capital Territory	2 360	.03	..	..	100	150°E	10.0
Jervis Bay Territory	70	..	60	..	100	150°E	10.0
Australia	7 692 030	100.00	59 740	39	61	..	..

(a) Includes islands. (b) Greenwich Mean Time. During daylight saving periods, an hour should be added to the times in this column.

Source: Bureau of Meteorology and AUSLIG.

1.2 AREAS OF CONTINENTS

	Area '000 km ²
Continents	
Asia	44 614
Africa	30 319
North, Central America and West Indies	24 247
South America	17 834
Europe	10 600
Australia and Oceania	8 504
Total land mass (excluding Antarctic continent)	135 774

Source: Encyclopaedia Britannica; World Book Encyclopedia.

1.3 AREAS OF SELECTED COUNTRIES

Country	Area '000 km ²
Countries (seven largest)	
Russia	17 075
Canada	9 976
China	9 596
United States of America	9 629
Brazil	8 511
Australia	7 692
India	3 287
Selected other countries	
Belorus	208
France	547
Germany	357
Indonesia	1 919
Japan	377
Kazakhstan	2 717
Papua New Guinea	462
New Zealand	269
Ukraine	604
United Kingdom	244

Source: *Encyclopaedia Britannica; World Book Encyclopedia; AUSLIG.*

1.4 HIGHEST DAILY RAINFALLS(a)

State/Territory	Amount mm	Date
New South Wales		
Dorrigo (Myrtle Street)	809	21.2.1954
Lowanna (Yalamurra)	662	22.4.1974
Victoria		
Tanybryn	375	22.3.1983
Nowa Nowa (Wairawa)	275	12.3.1906
Queensland(b)		
Beerwah (Crohamhurst)	907	3.2.1893
Finch Hatton PO	878	18.2.1958
South Australia		
Motpena	273	14.3.1989
Nilpena	247	14.3.1989

For footnotes see end of table.

...continued

1.4 HIGHEST DAILY RAINFALLS(a)—continued

State/Territory	Amount mm	Date
Western Australia		
Roebourne (Whim Creek)	747	3.4.1898
Roebuck Plains	568	6.1.1917
Tasmania		
Cullenswood	352	22.3.1974
Mathinna	337	5.4.1929
Northern Territory		
Roper Valley Station	545	15.4.1963
Angurugu (Groote Eylandt)	513	28.3.1953

(a) The standard daily rainfall period is 9 a.m. to 9 a.m. (b) Bellenden Ker (Top Station) has recorded a 24 hour total of 960 mm from 3 p.m. to 3 p.m. on 3 and 4 January 1979.

Source: Bureau of Meteorology.

1.5 EXTREME MAXIMUM TEMPERATURES

Station	°C	Date
New South Wales Wilcannia	50.0	11.1.1939
Victoria Swan Hill	49.4	18.1.1906
Queensland Cloncurry	53.1	16.1.1889
South Australia Oodnadatta	50.7	2.1.1960
Western Australia Mardie	50.5	20.2.1998
Tasmania Bushy Park	40.8	26.12.1945
Hobart	40.8	4.1.1976
Northern Territory Finke	48.3	2.1.1960
Australian Capital Territory Canberra (Acton)	42.8	11.1.1939

Source: Bureau of Meteorology.

1.6 EXTREME MINIMUM TEMPERATURES

Station	°C	Date
New South Wales Charlotte Pass	-23.0	18.6.1994
Victoria Mount Hotham	-12.8	30.7.1931
Queensland Stanthorpe	-11.0	4.7.1895
South Australia Yongala	-8.2	20.7.1976
Western Australia Booylgoo Springs	-6.7	12.7.1969
Tasmania Shannon	-13.0	30.6.1983
Butlers Gorge	-13.0	30.6.1983
Tarraleah	-13.0	30.6.1983
Northern Territory Alice Springs	-7.5	12.7.1976
Australian Capital Territory Gudgenby	-14.6	11.7.1971

Source: Bureau of Meteorology.

1.7 SURFACE WATER RESOURCES, By Drainage Division

Drainage division	Area km ²	Surface water resource			
		Mean annual run-off GL	Mean annual outflow GL	Major divertible resource(c) GL	Developed resource GL
North-East Coast	451 000	83 900	83 900	22 900	3 540
South-East Coast	274 000	41 900	41 900	15 100	4 280
Tasmania	68 200	52 900	52 900	10 900	1 020
Murray-Darling	1 060 000	24 300	12 200	12 400	10 000
South Australian Gulf	82 300	877	767	269	118
South-West Coast	315 000	6 670	6 600	2 870	385
Indian Ocean	519 000	3 960	3 840	295	27
Timor Sea	547 000	80 700	80 700	22 000	1 980
Gulf of Carpentaria	641 000	92 500	92 500	13 200	78
Lake Eyre	1 170 000	6 310	0	204	26
Bulloo-Bancannia	101 000	1 090	0	41	0
Western Plateau	2 450 000	1 580	0	102	0
Total(a)	(b)7 680 000	397 000	375 307	100 000	21 500

(a) Totals rounded. (b) Total area differs slightly from that in table 1.1, due to improvements in mapping reflected in that table, but not in this table from an earlier source. (c) includes Fresh, Marginal, Brackish, and Saline.

Source: Australian Water Resources Council, 1987.

**2.1 STATE OF THE PARTIES, Commonwealth
Parliament—At September 1999**

	no.
House of Representatives	
Australian Labor Party	67
Liberal Party	64
National Party	16
Independent	1
Senate	
Australian Labor Party	29
Liberal Party	31
Australian Democrats	9
National Party	3
Country Liberal Party	1
The Greens	1
One Nation	1
Independent	1

Source: *Department of the Parliamentary Library.*

2.2 REPRESENTATION ENTITLEMENTS, States and Territories

State/Territory	1991 no.	1994 no.	1997 no.
New South Wales	50	50	50
Victoria	38	37	37
Queensland	25	26	27
South Australia	12	12	12
Western Australia	14	14	14
Tasmania	5	5	5
Northern Territory	1	1	1
Australian Capital Territory	2	3	2
Total Parliament	147	148	148

Source: Department of the Parliamentary Library.

**2.3 COMMONWEALTH PARLIAMENTARY ELECTIONS,
Votes recorded—3 October 1998**

State/Territory	House of Representatives no.	Senate no.
First preference votes		
Australian Labour Party	4 422 853	4 182 963
Liberal-National Party	—	2 452 407
Liberal Party	3 764 691	1 528 730
National Party	588 087	208 536
Country Liberal Party	36 014	36 063
Pauline Hanson's One Nation	926 183	1 007 439
Australian Democrats	564 321	947 940
The Greens	284 747	305 228
Unity—Say No to Hanson	87 252	93 968
Christian Democratic Party	63 117	121 593
Senator Harradine Group	—	24 254
Others	306 566	302 782
Formal votes	11 043 831	11 211 903
Informal votes	432 778	375 383
Total votes recorded	11 476 609	11 587 286

Source: *Department of the Parliamentary Library.*

**3.1 TOTAL AUSTRALIAN AID FLOWS, By Recipient Country/
Region(a)—1999–2000(b)**

Region/Country	\$m
Papua New Guinea	328.9
Pacific	
Fiji	21.6
Vanuatu	17.7
Solomon Islands	17.1
Samoa	14.5
Tonga	13
Kiribati	9.4
Nauru	3.3
Tuvalu	3.3
Other and regional	37.1
<i>Total Pacific</i>	<i>136.9</i>

For footnotes see end of table.

...continued

**3.1 TOTAL AUSTRALIAN AID FLOWS, By Recipient Country/
Region(a)—1999–2000(b)—continued**

Region/Country	\$m
East Asia	
Indonesia	121.1
Viet Nam	72.4
Philippines	61.8
China	55.5
Cambodia	36.8
Thailand	26.3
Laos PDR	20.8
Malaysia	3.4
Other and regional	23.2
<i>Total East Asia</i>	<i>421.4</i>

For footnotes see end of table.

...continued

**3.1 TOTAL AUSTRALIAN AID FLOWS, By Recipient Country/
Region(a)—1999–2000(b)—continued**

Region/Country	\$m
Other regions	
Bangladesh	36.3
India	18.7
Sri Lanka	11.1
Pakistan	4.3
Africa	75.4
Other and regional	31.8
<i>Total other regions</i>	177.6
World unallocated	441.4
Total Australian aid flow	1506.2

(a) Country totals include country and regional programs as well as humanitarian and NGO and volunteer programs expenditure (b) On a cash basis.

Source: AusAID.

4.1 DEFENCE OUTLAYS

	Actual outlays					Budget
	1994-95	1995-96	1996-97	1997-98	1998-99	1999-2000
	\$m	\$m	\$m	\$m	\$m	\$m
Defence outlays	9 731	10 011	9 999	10 415	10 946	(a)11 093
Outlays as a percentage of—						
Total Commonwealth outlays	8.0	7.9	7.8	8.4	8.7	n.a.
Gross Domestic Product	2.1	2.0	1.9	1.9	1.9	1.8

(a) This figure reflects Departmental Appropriations net of the capital use charge. In real terms it does not reflect an increase in funding.

Source: Department of Defence.

**4.2 DEFENCE PERSONNEL NUMBERS, Permanent Service and Civilian
—1988–1989 to 1999–2000**

	Navy	Army	Air Force	Civilian
1988–1989	15 641	31 896	22 468	32 502
1989–1990	15 652	30 894	22 279	24 400
1990–1991	15 786	30 789	22 055	24 412
1991–1992	15 549	30 733	21 893	23 750
1992–1993	15 294	30 064	20 780	22 558
1993–1994	14 776	27 802	18 642	20 724
1994–1995	14 702	26 483	17 456	20 188
1995–1996	14 473	26 746	17 240	19 830
1996–1997	14 377	25 682	16 705	19 042
1997–1998	14 206	25 196	16 172	17 664
1998–1999	13 661	24 169	15 065	16 642
1999–2000 (est.)	13 550	23 200	13 250	16 471

Source: Department of Defence.

5.1 POPULATION, Australia's States and Territories—1901–98

As at 30 June	NSW '000	Vic. '000	Qld '000	SA '000	WA '000	Tas. '000	NT '000	ACT '000	Aust. '000
1901	1 362	1 203	502	356	189	172	5	..	3 788
1908	1 571	1 238	556	378	258	186	4	..	4 191
1918	1 941	1 423	701	451	308	197	5	2	5 029
1928	2 459	1 750	887	571	408	214	5	8	6 302
1938	2 702	1 865	1 004	593	464	235	6	12	6 899
1948	3 016	2 092	1 131	661	515	261	12	20	7 709
1958	3 692	2 718	1 439	897	700	333	22	41	9 842
1968	4 359	3 324	1 729	1 122	915	380	68	112	12 009
1978	5 054	3 864	2 172	1 296	1 228	418	110	218	14 359
1988	5 707	4 263	2 740	1 405	1 535	451	159	272	16 532
1998p	6 342	4 661	3 456	1 487	1 831	472	190	308	18 751

Source: *Australian Demographic Statistics (3101.0)*; *Australian Demographic Trends (3102.0)*.

5.2 ESTIMATED RESIDENT POPULATION IN MAJOR POPULATION CENTRES—As at 30 June(a)

	1993	1998p
Major population centre	'000	'000
Capital City Statistical Division		
Sydney	3 734.8	3 986.7
Melbourne	3 197.9	3 371.3
Brisbane	1 422.8	1 574.6
Adelaide	1 068.6	1 088.4
Perth	1 225.6	1 341.9
Hobart	193.6	195.0
Darwin	78.6	86.6
Canberra	298.2	308.1

For footnotes see end of table.

...continued

5.2 ESTIMATED RESIDENT POPULATION IN MAJOR POPULATION CENTRES—As at 30 June(a)—continued

	1993	1998p
Major population centre	'000	'000
Other		
Newcastle(b)	451.1	473.9
Gold Coast–Tweed(b)	306.4	379.2
Canberra–Queanbeyan(b)	333.8	346.2
Wollongong(b)	248.7	260.1
Sunshine Coast(b)	133.7	167.8
Geelong(b)	152.1	154.1
Townsville(b)	117.5	124.9
Cairns(b)	93.6	112.0
Launceston(b)	97.8	98.4
Albury–Wodonga(b)	90.2	94.2
Toowoomba City(c)	85.6	87.0
Ballarat(b)	78.7	80.3
Burnie–Devonport(b)	79.3	78.6
Bendigo(b)	73.1	75.9
La Trobe Valley(b)	78.6	75.2

For footnotes see end of table.

...continued

5.2 ESTIMATED RESIDENT POPULATION IN MAJOR POPULATION CENTRES—As at 30 June(a)—continued

	1993	1998p
Major population centre	'000	'000
Other		
Bathurst-Orange(b)	70.1	73.0
Rockhampton(b)	63.8	64.4
Mackay(b)	56.4	63.5
Coffs Harbour(b)	52.4	60.0
Hastings(b)	53.3	59.2
Wagga(b)	55.5	56.6
Bundaberg(b)	50.9	55.3
Greater Taree(b)	42.8	43.7
Lismore(b)	43.0	43.5
Mildura(b)as	39.9	42.7
Shepparton(c)	40.5	41.9
Gladstone(c)	34.8	38.6
Dubbo(d)	35.0	37.0
Tamworth(d)	36.0	35.3
Kalgoorlie/Boulder(d)	27.0	31.4

(a) Based on 1997 Statistical Local Area boundaries. (b) Statistical District. (c) Statistical Subdivision.
(d) Statistical Local Area.

Source: Australian Demographic Statistics (3101.0). (d) Statistical local area.

5.3 SUMMARY STATISTICS FOR BIRTHS, DEATHS, MARRIAGES AND DIVORCES

Year	Registered births no.	Registered deaths no.	Registered marriages no.	Divorces granted no.
1976	227 810	112 662	109 973	63 230
1981	235 842	109 003	113 905	41 412
1986	243 408	114 981	114 913	39 417
1990	262 648	120 062	116 959	42 635
1991	257 247	119 146	113 869	45 652
1992	264 151	123 660	114 752	45 729
1993	260 229	121 599	113 255	48 363
1994	258 051	126 692	111 174	48 312
1995	256 190	125 133	109 386	49 712
1996	253 834	128 719	106 103	52 466
1997	251 842	129 350	106 735	51 288
1998	n.a.	n.a.	110 598	51 370

Source: Australian Demographic statistics (3101.0); Marriages and Divorces, Australia (3310.0).

5.4 FAMILY TYPE—1986–96

Family type	1986(a) %	1991(a) %	1996 %
One parent family with dependent children	7.8	8.8	9.9
Couple only	30.3	31.4	34.1
Couple with dependent children	44.8	44.4	40.6
Couple with non-dependent children only	10.9	9.5	9.0
Other families	6.2	5.9	6.4
Total	100.0	100.0	100.0

(a) Excludes caravan park dwellers.

Source: 1976–91: *Australian Social Trends, 1994* (4102.0); 1996 *Census of Population and Housing*.

5.5 LIFE EXPECTANCY AT BIRTH, Selected Countries

Country	Reference period	Males years	Females years
Australia	1997	75.6	81.3
Canada	1992	74.6	80.9
China	1990-95	66.9	70.5
France	1995	73.9	81.9
Greece	1995	75.0	80.2
Hong Kong (SAR of China)	1996	76.3	81.8
Indonesia	1990-95	61.0	64.5
Italy	1994	74.3	80.7
Japan	1996	77.0	83.6
Korea (Republic of)	1991	67.7	75.7
Malaysia	1996	69.3	74.1
New Zealand	1992-94	73.4	79.1
Papua New Guinea	1990-95	55.2	56.7
Singapore	1997	75.0	79.2
Sweden	1996	76.5	81.5
United Kingdom	1996	74.3	79.5
United States of America	1995	72.5	78.9
Viet Nam	1990-95	62.9	67.3

Source: Deaths, Australia (3302.0); United Nations 1997.

5.6 ESTIMATES OF THE INDIGENOUS POPULATION—At 30 June

State/Territory	1996(a)		2001(b)	
	no.	%	no.	%
New South Wales	109 925	28.5	121 142	28.4
Victoria	22 598	5.9	24 856	5.8
Queensland	104 817	27.2	118 749	27.8
South Australia	22 051	5.7	24 313	5.7
Western Australia	56 205	14.6	61 505	14.4
Tasmania	15 322	4.0	16 644	3.9
Northern Territory	51 876	13.4	56 364	13.2
Australian Capital Territory	3 058	0.8	3 589	0.8
Australia(c)	386 049	100.0	427 162	100.0

(a) Estimate based on the 1996 Census of Population and Housing. (b) Projection based on low series, which assumes no further increase in propensity to identify as Indigenous from 1996. (c) Includes Jervis Bay.

Source: *Experimental Estimates of the Aboriginal and Torres Strait Islander Population, 30 June 1991–30 June 1996* (3230.0).

5.7 PERMANENT AND LONG TERM MIGRATION—Five Years Ended 30 June

	1988 no.	1993 no.	1998 no.
Arrivals			
Permanent (settlers)	495 918	571 952	419 414
Long-term			
Australian residents	267 919	299 341	398 397
Overseas visitors	177 809	284 846	417 239
<i>Permanent and long-term arrivals</i>	<i>941 646</i>	<i>1 156 139</i>	<i>1 235 050</i>
Departures			
Permanent departures	103 181	137 662	144 740
Long-term			
Australian residents	250 243	319 553	356 615
Overseas visitors	127 377	210 501	290 053
<i>Permanent and long-term departures</i>	<i>480 801</i>	<i>667 715</i>	<i>791 408</i>
Category jumping	37 421	-21 286	-19 529
Net overseas migration	498 236	467 137	424 113

Source: Migration, Australia (3412.0).

5.8 BIRTHPLACE OF SETTLER ARRIVALS

Country	'000	%
1984-88		
United Kingdom and Ireland	91.9	18.5
New Zealand	62.6	12.6
Viet Nam	37.8	7.6
Philippines	27.0	5.4
South Africa	14.7	3.0
Poland	7.7	1.5
1994-98		
New Zealand	58.3	13.9
United Kingdom and Ireland	53.6	12.8
China	29.8	7.1
Viet Nam	19.4	4.6
Hong Kong (SAR of China)	19.0	4.5
Philippines	17.1	4.1

Source: *Australian Demography* (a Commonwealth Bureau of Census & Statistics publication); *Australian Immigration—Consolidated Statistics, No. 10, 1978*; *Overseas Arrivals and Departures, Australia (3401.0)*.

5.9 MAIN COUNTRIES OF BIRTH OF THE POPULATION

Country	1981(a) '000	1991(a) '000	1998p(a) '000
United Kingdom and Ireland	1 175.7	1 244.3	1 230.4
New Zealand	175.7	286.4	339.3
Italy	285.3	272.0	251.4
Former Yugoslav Republics	156.1	168.0	202.2
Viet Nam	43.4	124.8	169.6
Greece	153.2	147.4	141.6
Germany	115.2	120.4	121.2
China	26.8	84.6	139.8
Hong Kong (SAR of China)	16.3	(b)62.4	(b)64.9
Netherlands	100.5	100.9	95.3
Philippines	15.8	79.1	111.7
Total overseas	3 111.0	3 965.3	4 394.4
Australia	11 812.3	13 318.8	14 356.6
Total population	14 923.3	17 284.0	18 751.0

(a) Estimated resident population. (b) Includes Macao.

Source: *Australia in Profile* (2821.0); *Estimated Resident Population by Country of Birth, Age and Sex, Australia* (3221.0); *Migration, Australia* (3412.0).

5.10 RELIGIOUS AFFILIATION

	1991		1996		Growth %
	No. '000	Proportion %	No. '000	Proportion %	
Christianity					
Anglican	4 018.8	23.8	3 903.3	22.0	-2.9
Baptist	279.8	1.7	295.2	1.7	5.5
Catholic	4 606.7	27.3	4 799.0	27.0	4.2
Churches of Christ	78.3	0.5	75.0	0.4	-4.2
Jehovah's Witness	74.7	0.4	83.4	0.5	11.6
Lutheran	250.9	1.5	250.0	1.4	-0.4
Orthodox	474.9	2.8	497.0	2.8	4.7
Pentecostal	150.6	0.9	174.7	1.0	16.0
Presbyterian and Reformed	732.0	4.3	675.5	3.8	-7.7
Salvation Army	72.3	0.4	74.1	0.4	2.5
Uniting Church	1 387.7	8.2	1 334.9	7.5	-3.8
Other Christian	339.6	2.0	420.6	2.4	23.9

...continued

5.10 RELIGIOUS AFFILIATION—continued

	1991		1996		Growth %
	No. '000	Proportion %	No. '000	Proportion %	
Buddhism	139.8	0.8	199.8	1.1	42.9
Hinduism	43.6	0.3	67.9	0.4	54.4
Islam	147.5	0.9	200.9	1.1	36.2
Judaism	74.3	0.4	79.8	0.4	7.6
Other religions	40.0	0.2	68.6	0.4	71.6
No religion	2 176.6	12.9	2 948.9	16.6	35.5
Not stated/inadequately described	1 762.1	10.5	1 604.7	9.0	-8.9
Total	16 850.3	100.0	17 752.8	100.0	5.4

Source: Unpublished data, 1991 and 1996 Census of Population and Housing.

**6.1 CIVILIAN POPULATION AGED 15 AND OVER(a),
Labour Force Status, Annual Average**

	Unit	1996-97	1997-98	1998-99
Males				
Employed	'000	4 757.0	4 818.9	4 914.2
Unemployed				
Looking for full-time work	'000	400.9	386.0	357.5
Looking for part-time work	'000	58.5	59.4	58.6
<i>Total unemployed</i>	'000	459.4	445.5	416.1
Labour force	'000	5 216.4	5 264.3	5 330.3
Not in the labour force	'000	1 892.0	1 949.9	1 993.4
Civilian population	'000	7 108.4	7 214.3	7 323.7
Unemployment rate	%	8.8	8.5	7.8
Participation rate	%	73.4	73.0	72.8

For footnotes see end of table.

...continued

**6.1 CIVILIAN POPULATION AGED 15 AND OVER(a),
Labour Force Status, Annual Average—continued**

	Unit	1996–97	1997–98	1998–99
Females				
Employed	'000	3 623.7	3 677.5	3 766.5
Unemployed				
Looking for full-time work	'000	223.8	215.2	194.9
Looking for part-time work	'000	109.3	103.6	107.3
<i>Total unemployed</i>	'000	333.0	318.8	302.1
Labour force	'000	3 956.7	3 996.3	4 068.7
Not in the labour force	'000	3 390.3	3 454.2	3 486.6
Civilian population	'000	7 347.0	7 450.5	7 555.3
Unemployment rate	%	8.4	8.0	7.4
Participation rate	%	53.9	53.6	53.9

(a) Estimates from January 1995 to January 1999 have been revised to reflect revisions in the civilian population arising from the 1996 Census.

Source: *Unpublished data, Labour Force Survey.*

6.2 CIVILIAN LABOUR FORCE, By Birthplace, Annual Average—1998–99

	Employed		Unemployed		Total labour force '000	Unemployment rate %	Participation rate %
	Full-time workers '000	Total '000	Looking for full-time work '000	Total '000			
Born in Australia	4 804.9	6 560.2	397.4	522.7	7 083.0	7.4	66.6
Born outside Australia							
Main English-speaking countries	708.3	921.0	53.5	66.4	987.4	6.7	64.8
Other countries	914.4	1 199.6	101.4	129.1	1 328.7	9.7	54.1
Oceania	201.8	257.1	21.6	26.9	284.1	9.5	74.1
Europe and the former USSR	865.3	1 134.3	68.2	83.0	1 217.2	6.8	54.2
The Middle East and North Africa	60.9	80.5	14.3	16.9	97.5	17.4	49.6
South-East Asia	193.2	251.0	26.3	33.5	284.5	11.8	62.0
North-East Asia	91.4	124.5	8.2	11.7	136.2	8.6	51.9
Northern America	39.4	50.2	2.5	3.1	53.3	5.8	71.1
Other	170.8	222.9	13.9	20.4	243.3	8.4	68.0
Total born outside Australia	1 622.7	2 120.5	155.0	195.5	2 316.0	8.4	58.2
Total	6 427.6	8 680.8	552.4	718.2	9 399.0	7.6	63.2

Source: Unpublished data, Labour Force Survey.

6.3 EMPLOYED PERSONS(a), Status in Employment, Annual Average(b)

	1996-97	1997-98	1998-99
	'000	'000	'000
Employers	338.9	357.3	349.8
Own-account workers	819.5	855.7	822.5
Employees	7 121.1	7 183.1	7 399.7
Contributing family workers	75.2	65.4	66.3
Total	8 354.7	8 461.4	8 638.4

(a) Estimates from January 1995 to January 1999 have been revised to reflect revisions in the civilian population arising from the 1996 Census. (b) Annual averages based on quarterly data.

Source: Unpublished data, Labour Force Survey.

**6.4 UNEMPLOYED PERSONS(a), Duration of Unemployment,
Annual Average**

Duration of unemployment (weeks)	1996-97 '000	1997-98 '000	1998-99 '000
Under 4	135.2	126.4	129.4
4 and under 13	177.9	161.1	154.5
13 and under 26	115.5	108.1	97.8
26 and under 52	132.5	126.9	107.3
52 and over	231.4	241.7	229.2
Total	792.4	764.2	718.2

(a) Estimates from January 1995 to January 1999 have been revised to reflect revisions in the civilian population arising from the 1996 Census.

Source: Unpublished data, Labour Force Survey.

6.5 JOB VACANCIES, By State/Territory

State/Territory	May 1997 '000	May 1998 '000	May 1999 '000
New South Wales	19.6	20.5	29.7
Victoria	11.5	20.2	17.6
Queensland	12.1	* 15.4	8.8
South Australia	3.0	* 2.7	3.5
Western Australia	* 8.6	11.0	6.7
Tasmania	* 1.4	* 0.6	* 1.6
Northern Territory	0.9	1.6	* 1.0
Australian Capital Territory	* 1.0	1.4	2.2
Australia	58.1	73.3	71.1

Source: *Job Vacancies and Overtime, Australia (6354.0)*.

6.6 AVERAGE WEEKLY EARNINGS

	May 1997 \$	May 1998 \$	May 1999 \$
Males			
Full-time adult employees			
Average weekly ordinary time earnings	740.70	773.20	798.40
Average weekly total earnings	795.80	829.90	853.40
All male employees			
Average weekly total earnings	687.10	714.50	733.00
Females			
Full-time adult employees			
Average weekly ordinary time earnings	620.30	646.90	669.60
Average weekly total earnings	634.80	660.60	683.50
All female employees			
Average weekly total earnings	457.40	468.30	483.00
Persons			
Full-time adult employees			
Average weekly ordinary time earnings	696.60	726.90	750.80
Average weekly total earnings	736.80	767.80	790.60
All employees			
Average weekly total earnings	577.80	596.20	611.10

Source: *Average Weekly Earnings, States and Australia (6302.0)*.

**6.7 PROPORTION OF EMPLOYEES WHO RECEIVED SUPERANNUATION
BENEFITS—August 1998**

Industry	Full-time %	Part-time %	Total %
Agriculture, forestry and fishing	84.2	69.5	80.2
Mining	95.9	79.2	95.4
Manufacturing	96.8	71.4	94.3
Electricity, gas and water supply	100.0	100.0	100.0
Construction	88.5	71.5	86.5
Wholesale trade	95.8	74.6	92.9
Retail trade	93.2	60.5	76.2
Accommodation, cafes and restaurants	92.6	66.9	78.4
Transport and storage	94.7	78.4	92.5
Communication services	95.6	78.1	93.2
Finance and insurance	97.5	95.1	97.1
Property and business services	93.5	71.2	88.0
Government administration and defence	98.9	85.4	96.8
Education	97.6	82.6	92.9
Health and community services	96.1	88.7	92.7
Cultural and recreational services	96.0	64.3	82.7
Personal and other services	95.1	58.4	85.5
All industries	95.0	72.7	88.7

Source: *Employee Earnings, Benefits and Trade Union Membership* (6310.0).

6.8 WORKING DAYS LOST, By Industry

Industry(a)	1996 '000	1997 '000	1998 '000
Mining			
Coal	160.8	95.7	60.4
Other	4.4	1.1	1.4
Manufacturing			
Metal products; Machinery and equipment	58.6	76.9	27.5
Other	44.8	68.7	67.7
Construction	334.8	107.8	210.9
Transport and storage; Communication services	20.4	47.7	52.8
Education; Health and community services	239.8	94.0	75.8
Other industries(a)	64.9	42.1	29.8
All industries	928.5	534.2	526.3

(a) Include: Agriculture, forestry and fishing; Electricity, gas and water supply; Wholesale trade; Retail trade; Accommodation, cafes and restaurants; Finance and insurance; Property and business services; Government administration and defence; Cultural and recreational services; Personal and other services.

Source: *Industrial Disputes, Australia* (6322.0).

7.1 ALL INCOME UNITS, Selected Characteristics by Gross Weekly Income Quintile Groups—1997–98

	Unit	Lowest 20%	Second quintile	Third quintile	Fourth quintile	Highest 20%	All income units
Upper boundary of quintile group	\$	204	387	613	995	..	—
Mean income	\$	124	295	498	784	1 590	658
Median income	\$	166	296	499	774	1 367	499
Principal source of income (% of income units)							
Weekly employee income	%	8.7	25.2	68.5	84.4	88.1	54.9
Weekly own business income	%	2.7	4.5	5.6	8.3	8.0	5.8
Weekly government pensions and allowances	%	67.4	62.3	16.7	1.4	**0.0	29.6
Weekly income from other sources	%	9.8	7.9	9.1	5.8	3.9	7.3
Total(a)	%	100.0	100.0	100.0	100.0	100.0	100.0
Estimated number of income units	'000	1 825	1 837	1 815	1 828	1 824	9 129

(a) Includes income units with nil or negative income.

Source: Unpublished data, 1997–98 Survey of Income and Housing Costs.

7.2 INCOME SUPPORT PAYMENTS

Type of payment	1996-97 \$'000	1997-98 \$'000	1998-99 \$'000
The retired			
Age Pension	13 204 658	13 141 895	13 569 056
Wife Pension (Aged)	..	254 752	243 433
People with disabilities or the sick			
Carer Payment	..	258 474	307 506
Child Disability Allowance	233 106	248 429	244 896
Disability Support Pension	5 299 148	4 599 452	4 920 223
Wife Pension (DSP)	..	599 136	534 069
Disability Wage Supplement(a)	2 193	2 034	..
Mobility Allowance	38 118	41 863	46 137
Rehabilitation Allowance	-36	-219	..
Sickness Allowance	144 280	92 684	93 043
The unemployed			
AUSTUDY Payment(b)	..	..	287 173
Fares Allowance(b)	..	..	675
Newstart Allowance	6 047 829	5 804 836	5 370 669
Mature Age Allowance	472 469	443 380	401 698
Partner Allowance	497 841	532 278	590 185
Pensioner Education Supplement(b)	..	..	44 601
Student Financial Supplement(c)	..	..	259 745
Youth Allowance(d)	..	..	1 843 498
For footnotes see end of table.			...continued

7.2 INCOME SUPPORT PAYMENTS—continued

Type of payment	1996-97 \$'000	1997-98 \$'000	1998-99 \$'000
Families with children			
Double Orphan Pension	1 681	1 778	1 725
Family Allowance	6 284 731	6 363 712	6 391 490
Family Tax Payment	288 564	558 735	546 217
Maternity Allowance	196 716	183 607	167 085
Parenting Allowance(e)	2 216 628	1 570 502	-17 192
Parenting Payment(f)	..	1 455 563	5 402 944
Sole Parent Pension(e)	2 992 322	2 206 233	-18 274
Provision for special circumstances	38 550 242	38 894 385	41 667 765
Payments made under other Acts	159 138	318 365	160 975
Unexplained remittances	..	266	330
Total Special Appropriations(g)	38 550 242	39 054 839	41 825 371

(a) Disability Wage Supplement was abolished on 1 January 1998. All recipients were transferred to Disability Support Pension. (b)Replaces, in part, the former AUSTUDY (Department of Employment, Education, Training and Youth Affairs). (c) Previously administered by the (then) Department of Employment, Education, Training and Youth Affairs. (d) From 1 July 1998, Youth Allowance replaced payments made to certain recipients of the following: Newstart Allowance; Youth Training Allowance; Sick Leave Allowance and AUSTUDY. (e) Parenting Allowance and Sole Parent Pension replaced by Parenting Payment on 20 March 1998. (f) comprising Parenting Payment (Partnered) and Parenting Payment (Sole Parent). (g) Components do not add to total as Youth Training Allowance is also included under Newstart Allowance in this table.

Source: Department of Family and Community Services.

7.3 AGE PENSIONERS

	Unit	June 1997	June 1998	June 1999
Age group (years)				
60-64	no.	208 309	187 256	189 410
65-69	no.	481 624	479 884	478 856
70-74	no.	364 766	388 474	414 302
75 and over	no.	625 515	627 003	633 224
Males	no.	597 859	613 587	634 112
Females	no.	1 082 355	1 069 030	1 081 680
Persons	no.	1 680 214	1 682 617	1 715 792
Wife pensioners (age)	no.	36 577	36 233	32 196
Total payments in financial year ending 30 June(a)	\$'000	13 204 658	13 396 647	13 812 488

(a) Includes allowances, Rent Assistance, and Wife Pension (age) where applicable.

Source: Department of Family and Community Services.

7.4 OLDER PERSONS(a), Formal Assistance by Activity—1998

	Government '000	Private non-profit '000	Private for profit '000	All receiving formal assistance(b) '000	All needing assistance '000
Activities					
Self care	23.2	7.5	*6.3	35.3	155.0
Mobility	32.7	11.3	9.4	51.1	275.0
Communication	n.p.	—	—	n.p.	28.3
Health care	105.9	14.4	132.2	238.6	376.0
Transport	38.5	18.5	11.9	64.9	453.9
Paperwork	*4.4	**2.1	*4.6	11.0	144.3
Housework	108.1	13.6	59.8	177.5	403.9
Property maintenance	42.5	24.5	234.5	284.9	626.1
Meal preparation	20.0	12.3	*7.6	39.2	142.2
One or more activities(c)	237.5	74.6	350.1	506.7	887.9
All receiving any assistance(d)	..	..	..	853.3	..

(a) Aged 65 and over, living in households. (b) Total may be less than the sum of the components as persons may receive assistance from more than one provider. (c) Total may be less than the sum of the components as persons may need or receive assistance with more than one activity. (d) Persons receiving formal and/or informal assistance.

Source: *Disability, Ageing and Carers: Summary of Findings, Australia (4430.0)*.

7.5 OLDER PERSONS(a), Informal Assistance by Activity—1998

Activities	Relationship of informal provider to older person receiving assistance						All receiving informal assistance(b) '000	All needing assistance '000
	Female partner '000	Male partner '000	Daughter '000	Son '000	Female relative/friend '000	Male relative/friend '000		
Self care	46.3	33.9	39.4	*7.5	9.3	*3.5	127.4	155.0
Mobility	50.9	47.5	84.6	39.2	55.9	30.3	246.4	275.0
Communication	9.5	*3.1	11.3	**1.8	*5.0	**2.6	25.2	28.3
Health care	65.7	29.7	50.0	16.8	18.4	*3.5	172.6	376.0
Transport	40.8	63.2	132.8	62.1	85.4	58.8	372.8	453.9
Paperwork	36.5	19.4	49.2	17.8	16.7	*5.5	133.7	144.3
Housework	59.5	85.9	90.0	37.8	35.1	10.7	281.0	403.9
Property maintenance	66.8	91.8	77.6	116.7	35.9	114.8	422.4	626.1
Meal preparation	33.6	25.5	38.3	10.7	13.1	*3.1	115.7	142.2
One or more activities(c)	143.2	151.7	222.9	170.6	155.7	171.7	710.9	887.9
All receiving any assistance(d)	..	..	..	..	..	..	853.3	..

(a) Aged 65 and over, living in households. (b) Total may be less than the sum of the components as persons may receive assistance from more than one provider. (c) Total may be less than the sum of the components as persons may need or receive assistance with more than one activity. (d) Persons receiving informal and/or formal assistance.

Source: *Disability, Ageing and Carers: Summary of Findings, Australia (4430.0)*.

7.6 DISABILITY AND WAR WIDOWS' PENSIONS

Number of disability pensions in force, 30 June

Year	Incapacitated veterans no.	Dependants of incapacitated veterans no.	Dependants of deceased veterans no.	Total no.	Annual expenditure(a) to 30 June \$'000
1997	160 145	74 405	98 493	333 043	1 819 338
1998	161 829	69 484	101 647	332 960	1 888 416
1999	162 810	64 486	104 967	332 263	2 067 783

(a) Includes associated allowances.

Source: Department of Veterans' Affairs.

7.7 SERVICE PENSIONS, Number and Expenditure

Year	Pensions in force, 30 June			Annual expenditure(a) \$'000
	Veterans no.	Wives and widows no.	Total no.	
1997	186 228	142 520	328 748	2 644 118
1998	179 673	138 906	318 579	2 602 122
1999	172 654	135 904	308 558	2 680 409

(a) Includes associated allowances.

Source: Department of Veteran's Affairs.

8.1 DWELLINGS, By Dwelling Structure and State/Territory—1997-98

	Separate house	Semi- detached/row or terrace house/ townhouse	Flat/unit/ apartment	Total(a)	Total(a)
	%	%	%	%	'000
New South Wales	74.0	9.1	16.3	100.0	2 336.5
Victoria	81.2	7.2	11.2	100.0	1 724.7
Queensland	82.2	5.8	10.8	100.0	1 301.6
South Australia	78.5	13.2	7.5	100.0	603.1
Western Australia	81.9	12.9	5.0	100.0	689.3
Tasmania	84.4	9.1	5.8	100.0	185.8
Northern Territory(b)	74.6	11.8	11.6	100.0	52.4
Australian Capital Territory	79.3	12.4	8.0	100.0	118.9
Australia	78.8	8.8	11.7	100.0	7 012.3

(a) Includes other dwellings. (b) Excludes remote and sparsely settled areas.

Source: Unpublished data, Survey of Income and Housing Costs, 1997-98.

8.2 TENURE, By State/Territory—1997-98

State/Territory	Owner without a mortgage %	Owner with a mortgage %	Renter				Total '000
			State housing authority %	Private landlord %	Total(a) %	Rent-free %	
New South Wales	41.1	26.7	5.8	21.7	29.9	2.2	2 336.5
Victoria	41.4	33.7	3.6	18.2	22.9	2.0	1 724.7
Queensland	36.9	30.3	3.9	24.5	31.1	1.7	1 301.6
South Australia	37.8	31.3	10.4	15.7	28.4	2.6	603.1
Western Australia	37.3	33.5	5.7	19.6	27.5	1.7	689.3
Tasmania	42.4	30.7	6.5	16.4	25.1	(b)1.8	185.8
Northern Territory(c)	15.0	27.7	20.4	22.7	53.0	(b)4.3	52.4
Australian Capital Territory	29.0	33.9	12.4	20.8	36.9	n.p.	118.9
Australia	39.4	30.4	5.6	20.5	28.2	2.0	7 012.3

(a) Includes a small number of other landlord types. (b) The estimate has a relative standard error of 25% to 50%. (c) Excludes remote and sparsely settled areas.

Source: Unpublished data, Survey of Income and Housing Costs, 1997-98.

8.3 HOUSING COSTS, By Tenure Type and Capital City—1997–98

Capital city	Tenure Type					Total owner and renter households '000
	Owner without a mortgage '000	Owner with a mortgage '000	Renter—State housing authority '000	Renter—private landlord '000	Total renters(c) '000	
Sydney	573.6	385.6	87.7	332.8	454.9	1 414.1
Melbourne	483.1	440.9	47.5	234.3	295.9	1 219.8
Brisbane	180.7	195.0	33.4	145.2	185.4	561.1
Adelaide	149.7	148.0	44.5	66.8	121.5	419.2
Perth	191.1	174.4	26.8	97.1	127.8	493.3
Hobart	31.5	25.2	(b)5.4	13.2	20.3	77.0
Canberra	34.5	40.3	14.8	24.7	43.9	118.7
All capital cities(a)	1 652.1	1 423.9	270.6	926.1	1 277.3	4 353.3

(a) Includes households in the Northern Territory for which disaggregated data are not acceptable for most purposes. (b) The estimate has a relative standard error of 25% to 50%. (c) Includes other renters.

Source: Unpublished data, Survey of Income and Housing Costs.

8.4 VALUE OF DWELLINGS(a), By Dwelling Structure and Capital City—1997–98

	Median value of dwellings				Dwellings '000
	Separate house \$'000	Semi- detached/row or terrace house/ townhouse \$'000	Flat/unit/ apartment \$'000	All dwellings(d) \$'000	
Sydney	251.8	253.4	236.9	251.2	959.2
Melbourne	150.0	165.4	112.1	148.2	924.0
Brisbane	155.4	(c)141.5	(c)114.2	152.9	375.7
Adelaide	116.9	104.0	(c)100.3	116.1	297.7
Perth	158.1	106.8	(c)94.8	152.4	365.5
Hobart	118.1	(c)106.5	(c)84.7	116.9	56.7
Canberra	154.4	(c)135.4	n.p.	152.2	74.8
All capital cities(b)	163.9	168.0	161.3	164.0	3 076.0

(a) According to owners. (b) Includes households in the Northern Territory for which disaggregated data are not acceptable for most purposes. (c) The estimate has a relative standard error of 25% to 50%. (d) Includes other dwellings.

Source: Unpublished data, Survey of Income and Housing Costs, 1997–98.

9.1 INDICATORS OF HEALTH STATUS(a)—1995

Population characteristics	Self-assessed health status(b)			Number of conditions(c)	
	Good or better %	Fair or poor %	None or one %	Two or three %	Four or more %
Labour force status					
Employed	90.9	9.1	23.0	32.2	44.8
Unemployed	81.5	18.5	28.4	30.6	40.9
Not in labour force(d)	72.0	28.0	30.2	24.5	45.3
Equivalent income(e)					
Low	72.9	27.1	25.9	24.8	49.3
Medium	83.9	16.1	28.8	28.2	43.0
High	91.6	8.4	24.9	31.6	43.6
Birthplace					
Australia	84.4	15.6	27.9	28.7	43.4
Overseas					
Arrived in last 5 years	91.4	8.6	47.1	28.4	24.4
Arrived 5 years or more ago	80.0	20.0	20.8	26.3	52.9
Language at home(f)					
English	84.1	15.9	23.0	28.2	48.8
Other than English	76.2	23.8	36.4	25.5	38.1
All persons	83.5	16.6	26.9	28.2	44.9

(a) Age and sex standardised. (b) Respondents aged 15 years or more. (c) Recent and/or long-term conditions combined. (d) Includes children and retired persons. (e) Based on Henderson Equivalence Scale. Excludes persons for whom equivalent income could not be derived. (f) Persons aged six years or more.

Source: Unpublished data, 1995 National Health Survey.

9.2 LEADING CAUSES OF DEATH—1997

Nutrients	Males no.	Females no.	Persons no.	Proportion of total deaths %
All causes	67 752	61 598	129 350	100.0
Malignant neoplasms (cancer)	19 279	15 037	34 316	26.5
Malignant neoplasms of trachea, bronchus and lung	4 605	2 058	6 663	5.2
Ischaemic heart disease	15 565	13 486	29 051	22.5
Cerebrovascular disease (stroke)	4 879	7 254	12 133	9.4
Chronic obstructive pulmonary disease and allied conditions	3 830	2 627	6 457	5.0
Pneumonia and influenza	2 151	2 866	5 017	3.9
Accidents	2 935	1 617	4 552	3.5
Motor vehicle traffic accidents	1 240	561	1 801	1.4
Diseases of arteries, arterioles and capillaries	1 538	1 395	2 933	2.3
Diabetes mellitus	1 425	1 420	2 845	2.2
Suicide	2 146	577	2 723	2.1
Hereditary and degenerative diseases of the central nervous system	896	1 112	2 008	1.6
<u>All other causes</u>	<u>13 108</u>	<u>14 207</u>	<u>27 315</u>	<u>21.1</u>

Source: Causes of Death, Australia, 1997 (3303.0).

9.3 EXTERNAL CAUSES OF DEATH—1997

Cause of death	no.	%	Crude death rate(a)
Males			
Suicide	2 146	39.8	23.3
Motor vehicle accidents	1 240	23.0	13.5
Accidental falls	486	9.0	5.3
Homicide	215	4.0	2.3
Drowning and submersion	217	4.0	2.4
Poisoning by drugs/medications	194	3.6	2.1
Other	895	16.6	9.7
<i>All external causes</i>	5 393	100.0	58.5
Females			
Suicide	577	24.6	6.2
Motor vehicle accidents	561	23.9	6.0
Accidental falls	639	27.3	6.9
Homicide	114	4.9	1.2
Drowning and submersion	59	2.5	0.6
Poisoning by drugs/medications	121	5.2	1.3
Other	273	11.6	2.9
<i>All external causes</i>	2 344	100.0	25.2

For footnotes see end of table.

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9.3 EXTERNAL CAUSES OF DEATH—1997—continued

Cause of death	no.	%	Crude death rate(a)
Persons			
Suicide	2 723	35.2	14.7
Motor vehicle traffic accidents	1 801	23.3	9.7
Accidental falls	1 125	14.5	6.1
Homicide	329	4.3	1.8
Drowning and submersion	276	3.6	1.5
Poisoning by drugs/medications	315	4.1	1.7
Other	1 168	15.1	6.3
All external causes	7 737	100.0	41.7

(a) Deaths per 100,000 population.

Source: *Causes of Death, Australia, 1997* (3303.0).

9.4 NEWLY DIAGNOSED HIV CASES(a)(b), AIDS CASES AND DEATHS FOLLOWING DIAGNOSIS

Year of diagnosis	HIV cases(a) no.	AIDS cases(b) no.	AIDS deaths(b) no.
Prior to 1990	9 813	1 947	1 057
1990	1 422	674	515
1991	1 415	802	586
1992	1 239	787	598
1993	1 100	844	695
1994	1 031	950	735
1995	945	798	651
1996	929	662	509
1997	795	370	240
1998	721	348	170
Total	19 427	8 182	5 756

(a) Not adjusted for multiple reporting. Total includes 17 cases for which the date of HIV diagnosis was not reported. (b) AIDS cases and deaths following AIDS in 1996, 1997 and 1998 were adjusted for reporting delays; AIDS cases and deaths in previous years were assumed to be completely reported.

Source: *HIV/AIDS and Related Diseases in Australia, Annual Surveillance Report 1998, National Centre in HIV Epidemiology and Clinical Research.*

9.5 PEOPLE WITH DIABETES(a), By Type and Sex—1995

Type of diabetes	Males '000	Females '000	Persons '000	Persons %
Non-insulin dependent diabetes mellitus	92.9	88.9	181.8	42.2
Insulin dependent diabetes mellitus	43.7	35.8	79.5	18.5
Gestational diabetes mellitus	—	27.0	27.0	6.3
Diabetes type unknown	69.6	72.8	142.4	33.1
Total diabetes	206.2	224.5	430.7	100.0

(a) Based upon people who reported a diabetes diagnosis at any time during their lives.

Source: *National Health Survey: Diabetes, Australia, 1995 (4371.0)*.

9.6 SMOKER STATUS, By Age and Sex—1995

Status	18-44 years %	45-64 years %	65 years or more %	Males %	Females %	Persons %
Smoker	28.9	20.7	11.3	27.3	20.3	23.8
Ex-smoker	21.8	32.2	38.3	32.4	22.5	27.4
Never smoked	49.3	47.1	50.4	40.4	57.1	48.9
All adults	100.0	100.0	100.0	100.0	100.0	100.0

Source: 1995 National Health Survey.

9.7 TOTAL HEALTH EXPENDITURE AND RATE OF GROWTH

Year	Expenditure		Rate of growth	
	Current prices \$m	Chain volume measures \$m	Current prices %	Chain volume measures %
1995-96	41 783	42 421	7.2	5.3
1996-97	44 279	44 279	6.0	4.4
1997-98(a)	47 267	46 544	6.7	5.1

(a) Based on preliminary AIHW and ABS estimates.

Source: Australian Institute of Health and Welfare, Health Expenditure Data Base.

9.8 PERSONS WITH PRIVATE INSURANCE, Proportion of Total Population

	June 1990 %	June 1994 %	June 1998 %
With private hospital cover	44.5	37.2	30.6
With private ancillary cover	39.9	34.5	31.7

Source: Private Health Insurance Administration Council, Quarterly Statistics, June 1998.

10.1 SCHOOLS, STUDENTS AND TEACHING STAFF—1998

	Government schools no.	Non-government schools no.	All schools no.
Schools	6 998	2 589	9 587
Students			
Males	1 144 801	482 422	1 627 223
Females	1 094 574	476 858	1 571 432
Persons	2 239 375	959 280	3 198 655
FTE of teaching staff(a)			
Males	49 851	22 277	72 128
Females	96 180	40 771	136 951
Persons	146 031	63 048	209 079

(a) Full-time teaching staff plus full-time equivalent (FTE) of part-time teaching staff.

Source: *Schools, Australia (4221.0)*.

10.2 STUDENTS, By Category of School and Sex

	1996 no.	1997 no.	1998 no.
Government schools			
Males	1 136 634	1 140 874	1 144 801
Females	1 084 923	1 089 178	1 094 574
<i>Persons</i>	2 221 557	2 230 052	2 239 375
Non-government schools			
Males	464 109	473 898	482 422
Females	457 349	467 674	476 858
<i>Persons</i>	921 458	941 572	959 280
All schools			
Males	1 600 743	1 614 772	1 627 223
Females	1 542 272	1 556 852	1 571 432
<i>Persons</i>	3 143 015	3 171 624	3 198 655

Source: *Schools, Australia (4221.0)*.

10.3 HIGHER EDUCATION STUDENTS(a), By Age and Sex

	19 and under no.	20-24 no.	25-29 no.	30 and over no.	Total no.
Males					
1993	68 660	92 101	35 397	71 828	267 986
1995	70 683	94 182	37 661	76 294	278 820
1998	76 554	103 040	43 987	80 793	304 374
Females					
1993	90 794	97 397	33 671	85 769	307 631
1995	93 997	101 455	37 858	92 047	325 357
1998	104 823	117 327	46 705	98 624	367 479
Persons					
1993	159 454	189 498	69 068	157 597	575 617
1995	164 680	195 637	75 519	168 341	604 177
1998	181 377	220 367	90 692	179 417	671 853

(a) Includes students in enabling and non-award courses.

Source: Department of Education, Training and Youth Affairs, 'Selected Higher Education Student Statistics, 1998'; and unpublished data, Higher Education Student Collection.

10.4 PERSONS AGED 15–64, Education Participation Rates—May 1998

	Age (years)				
	15–19	20–24	25–44	45 and over	All 15–64
	%	%	%	%	%
Attending					
School	50.8	*0.3	*0.0	*0.0	5.4
Tertiary					
Full-time	17.5	18.3	2.1	0.3	4.9
Part-time	7.2	11.6	6.1	2.3	5.6
Total tertiary	24.7	29.9	8.2	2.6	10.5
Total attending	75.5	30.2	8.2	2.6	15.8
Not attending	24.5	69.8	91.8	97.4	84.2
Total	100.0	100.0	100.0	100.0	100.0

Source: Unpublished data, transition from Education to Work.

10.5 PERSONS AGED 15–64, By Educational Attainment—May 1998

Educational attainment	Age group (years)					Total '000
	15–24 '000	25–34 '000	35–44 '000	45–54 '000	55–64 '000	
With post-school qualifications						
Higher degree	*3.6	44.1	83.0	69.5	25.8	226.0
Postgraduate diploma	11.3	63.9	76.7	67.9	29.8	249.6
Bachelor degree	143.6	439.9	362.9	241.7	104.9	1 292.9
Undergraduate diploma	57.6	140.9	171.3	156.6	75.6	602.0
Associate diploma	58.1	110.8	93.5	74.1	33.3	369.8
Skilled vocational	128.0	391.6	377.0	281.7	202.0	1 380.4
Basic vocational	181.1	276.3	276.0	218.0	100.6	1 052.1
<i>Total</i>	583.3	1 467.5	1 440.4	1 109.5	572.0	5 172.8

For footnotes see end of table.

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10.5 PERSONS AGED 15–64, By Educational Attainment—May 1998—continued

Educational attainment	Age group (years)					Total '000
	15–24 '000	25–34 '000	35–44 '000	45–54 '000	55–64 '000	
Without post-school qualifications						
Completed highest level of school						
Attending tertiary in May 1998	506.6	80.7	29.5	12.5	*2.3	631.6
Not attending tertiary in May 1998	358.0	436.9	355.4	299.3	195.1	1 644.6
Total	864.5	517.5	384.9	311.7	197.5	2 276.2
Did not complete highest level of school						
Attending tertiary in May 1998	121.1	49.0	42.1	22.9	5.6	240.8
Not attending tertiary in May 1998	408.0	802.9	970.7	985.7	805.2	3 972.6
Total	529.1	851.9	1 012.8	1 008.6	810.8	4 213.3
<i>Total(a)</i>	1 394.0	1 371.9	1 399.2	1 324.1	1 012.8	6 502.0
Still at school	662.4	*2.3	*0.6	*0.6	*0.2	666.1
Total	2 639.8	2 841.7	2 840.2	2 434.2	1 585.0	12 340.9

(a) Includes persons who never attended school.

Source: *Transition from Education to Work, Australia* (6227.0).

10.6 GOVERNMENT OUTLAYS ON EDUCATION—1997-98

	General government final consumption expenditure \$m	Personal benefit payments \$m	Expenditure on new fixed assets \$m	Expenditure on second- hand fixed assets \$m (net)	Other (a) \$m	Inter- sector transfers \$m	Own source outlays (b) \$m
Primary and secondary education	9 972	697	688	-13	3 374	—	14 718
Tertiary education							
University	3 292	910	894	-63	102	—	5 135
Technical and further	2 165	230	276	-11	77	—	2 737
Tertiary education n.e.c.	122	19	13	—	18	—	172
Total tertiary education	5 580	1 159	1 183	-74	195	2	8 045

For footnotes see end of table.

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10.6 GOVERNMENT OUTLAYS ON EDUCATION—1997–98—continued

	General government final consumption expenditure \$m	Personal benefit payments \$m	Expenditure on new fixed assets \$m	Expenditure on secondhand fixed assets \$m (net)	Other (a) \$m	Inter- sector transfers \$m	Own source outlays (b) \$m
Preschool, special and other education	1 291	11	22	—	108	—	1 433
Transportation of students	702	23	—	—	15	—	740
Education n.e.c.	169	1	-13	-28	114	—	243
Total government outlays	17 714	1 891	1 880	-115	3 807	-95	25 082

(a) Outlays on education less transfers (e.g. grants and taxes on education paid to or received from sectors).

(b) Outlays on education less specific purpose grants received from other levels of government. In the case of the Commonwealth Government, this simply represents its total outlays, but in the case of State, local governments and universities it represents outlays financed from their own resources and non-specific Commonwealth grants.

Source: *Expenditure on Education, Australia, 1997–98 (5510.0)*.

10.7 STUDENT ASSISTANCE SCHEMES—1998

Scheme	Students no.	Assistance \$m
AUSTUDY(a)	402 976	697
ABSTUDY	50 495	127
AIC	12 182	27
Student Financial Supplement Loan		
ABSTUDY	8 433	35
AUSTUDY(a)	45 237	112
Youth Allowance(b)(c)	40 030	120

(a) Only includes the number of students supported and assistance paid until 30 June 1998. (b) Number of students receiving assistance at 30 October 1998. Youth Allowance student numbers should not be added to Austudy student numbers as many students were likely to have been supported (and counted) in both periods. (c) Total amount of assistance paid for the period 1 July to 31 December 1998.

Source: Department of Education, Training and Youth Affairs (DETYA), and Centrelink.

11.1 GOVERNMENT EXPENDITURE ON PUBLIC ORDER AND SAFETY

Expenditure category	1995-96 \$m	1996-97 \$m	1997-98 \$m
Current outlays	5 875	6 515	6 792
Capital outlays	540	538	532
Total outlays	6 415	7 053	7 324

Source: *Government Finance Statistics, Australia, 1997-98 (5512.0)*.

11.2 SIZE OF POLICE FORCES(a)

Police force	At 1 July 1997 no.	At 1 July 1998 no.
National Crime Authority	105	114
Australian Federal Police	2 027	1 931
— of which ACT	647	666
NSW	13 010	13 407
Vic.	10 086	9 750
Qld	6 549	6 813
SA	3 385	3 437
WA	4 744	4 705
Tas.	1 031	1 018
NT	818	866

(a) Includes sworn police officers only.

Source: NCA; AFP (but not for the ACT figure); Queensland Police Service for 1998 Qld figure; Report on Government Services 1999 for all other State and Territory figures.

11.3 OFFENCES RECORDED BY POLICE

Offence category	1996 no.	1997 no.	1998 no.
Homicide			
Murder	312	321	284
Attempted murder	335	318	382
Manslaughter	38	39	49
Driving causing death(a)	342	n.a.	262
Assault	114 156	124 500	132 967
Sexual assault	14 542	14 353	14 568
Kidnapping/abduction	480	562	662
Robbery			
Armed robbery	6 256	9 054	10 850
Unarmed robbery	10 116	12 251	12 928
Blackmail/extortion	268	360	298
Unlawful entry with intent	402 079	421 569	435 670
Motor vehicle theft	122 914	130 138	131 572
Other theft	521 762	530 881	565 214

(a) Complete counts and rate details for the offence Driving causing death are not available for 1997.

Source: *Recorded Crime, Australia, 1997 (4510.0)*; *Recorded Crime, Australia, 1998 (4510.0)*.

**11.4 VICTIMS OF REPORTED CRIME(a), By Use of Weapon
in Commission of Offence**

Offence category	Firearm %	Other weapon %	Weapon n.f.d. %	Total weapons %	No weapons %	Total %
Homicide						
Murder	19.0	48.6	3.2	70.8	29.2	100.0
Attempted murder	19.4	64.7	0.5	84.6	15.4	100.0
Manslaughter	—	40.8	—	40.8	59.2	100.0
Assault	0.5	9.2	0.4	10.2	89.8	100.0
Sexual assault	0.2	1.9	—	2.1	97.9	100.0
Kidnapping/abduction	3.9	11.0	0.2	15.1	84.9	100.0
Armed robbery	17.6	73.1	9.3	100.0	—	100.0

(a) Victims of armed robbery refers to individual persons or organisations. All other offence categories used in this table refer to individual persons.

Source: *Recorded Crime, Australia, 1997 (4510.0)*; *Recorded Crime, Australia, 1998 (4510.0)*.

11.5 TOTAL OFFENDERS, By Drug Type—1 July 1997 to 30 June 1998

Drug type	NSW no.	Vic. no.	Qld no.	SA no.	WA no.	Tas. no.	NT no.	ACT no.	Aust. no.
Cannabis	15 460	9 034	13 021	13 452	11 487	1 196	635	374	64 659
Cocaine	325	32	65	15	23	—	—	—	460
Heroin	3 467	5 544	429	192	623	16	9	86	10 366
Amphetamine	1 612	744	1 305	379	667	15	26	18	4 766
Hallucinogens	176	2	135	74	122	2	8	5	524
Steroids	34	—	9	—	23	—	3	2	71
Other drugs	853	819	878	264	353	106	3	—	3 276
Total	21 927	16 175	15 842	14 376	13 298	1 335	684	485	84 122

Source: Australian Bureau of Criminal Intelligence, Australian Illicit Drug Report, 1997-98.

11.6 OFFENDERS, By Type of Detention—1997–98

Offence category	NSW no.	Vic. no.	Qld no.	SA no.	WA no.	Tas. no.	NT no.	ACT no.	Aust. no.
Prisoners	6 358	2 692	4 586	1 421	2 255	269	610	153	18 344
Periodic detention	1 531	..	..	..	..	..	..	42	1 573
Community corrections(a)									
Home detention	n.a.	..	84	113	57	..	24	..	278
Fine option	n.a.	n.a.	7 092	4 542	329	174	n.a.	n.a.	12 137
Community service	n.a.	n.a.	1 882	1 412	1 777	988	306	n.a.	6 365
Supervision	n.a.	n.a.	8 068	3 189	3 867	592	672	775	17 163
Total community corrections(b)	14 199	7 069	17 126	8 375	4 593	1 754	1 002	775	54 893
Total offenders	22 088	9 761	21 712	9 796	6 848	2 023	1 612	970	74 810

(a) NSW counted each offender once, regardless of the number of orders or order types they were serving. (b) The total number of persons in community corrections may not equal the sum of persons serving each type of order because an individual may be serving more than one order.

Source: *Steering Committee for the Review of Commonwealth/State Service Provision*,

11.7 SENTENCED PRISONERS, By Most Serious Offence(a)—1998

Offence category	NSW %	Vic. %	Qld %	SA %	WA %	Tas. %	NT %	ACT(b) %	Aust. %	Aust. no.
Homicide	7.4	10.0	10.4	11.1	9.1	16.8	8.3	8.3	9.2	1 576
Assault	13.5	5.7	13.0	12.6	11.0	9.4	19.2	13.5	12.0	2 060
Sex offences	10.5	16.7	16.5	8.9	17.3	10.2	7.9	7.7	13.3	2 283
Robbery	12.7	9.2	15.4	12.8	16.0	8.6	3.5	11.5	12.9	2 200
Break and enter	11.7	11.4	15.7	15.0	16.5	17.2	13.0	9.6	13.4	2 300
Fraud and misappropriation	5.2	3.2	2.8	7.7	1.9	0.8	2.2	1.3	4.0	682
Other theft	6.4	10.6	3.9	2.7	4.8	9.4	10.1	5.8	6.2	1 056
Government security(c)	10.3	8.2	5.2	7.9	6.6	9.8	4.0	7.7	8.0	1 372
Drug offences	11.4	12.1	7.0	7.8	6.4	2.4	2.4	12.2	9.2	1 568
Driving offences	5.5	1.2	2.7	2.8	2.8	5.5	10.1	8.3	3.9	671
Other offences	5.7	10.4	7.7	10.7	12.4	10.2	17.4	14.0	7.7	1 350
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17 118

(a) The most serious offence is the offence with the longest sentence a prisoner has received. Where the sentences are equal, or the longest sentence cannot be determined, the most serious offence is the offence with the lowest Australian National Classification of Offences (ANCO) code. (b) Prisoners sentenced to full-time custody in the ACT are held in NSW prisons and are also included in the NSW figures. (c) Government security also includes Justice procedures.

Source: *Prisoners in Australia, 1998—A report prepared for the Corrective Services Ministers' Council by the National Correctional Services Statistics Unit, ABS.*

12.1 ATTENDANCE(a) AT SELECTED CULTURAL VENUES

	Year	No. of attendees '000
National parks	1996-97	3 339
Museums and art museums	1995	7 044
Botanic gardens	1995	5 411
Zoological parks and aquaria	1995	4 966
Libraries	1995	5 403
Music performances		
Popular	1995	3 791
Classical	1995	1 081
Performing arts		
Dance	1995	1 408
Theatre	1995	5 058
Other	1995	2 634
Cinema	1995	8 734

(a) Persons who attended at least once during the 12 month period.

Source: *Population Survey Monitor, 1996-97; Attendance at Selected Cultural Venues, March 1995 (4114.0).*

12.2 CULTURAL FUNDING BY LEVEL OF GOVERNMENT—1997–98

	Level of government			Total \$m
	Commonwealth \$m	State/Territory \$m	Local \$m	
Zoological and botanic gardens	1.7	67.5	23.1	92.3
Libraries and archives	52.4	254.1	422.2	728.6
Literature and publishing	10.2	3.8	2.9	16.8
Museums	63.4	246.0	8.1	317.5
Art galleries	18.4	75.3	28.1	121.8
Visual arts/crafts and photography	15.5	9.6	4.5	29.6
Performing arts venues and arts centres	—	104.2	56.6	160.8
Music (excluding opera)	50.8	12.3	1.8	64.9
Other performing arts	36.7	50.1	5.5	92.3
Cultural heritage	71.8	49.5	14.7	135.9
Radio and television broadcasting	686.4	0.3	0.6	687.3
Film and video	79.2	38.8	3.2	121.2
Multimedia	6.2	1.2	0.1	7.5
Administration of culture	31.8	29.3	12.8	73.8
Community cultural activities	34.2	10.7	12.6	57.6
Public halls and civic centres	—	1.0	161.3	162.3
National parks and wildlife services	77.5	539.0	6.9	623.4
Other culture n.e.c.	16.6	10.4	10.4	37.4
Total	1 252.9	1 502.9	775.2	3 531.0

Source: *Cultural Funding in Australia 1996–97* (4183.0).

**12.3 PROPORTIONS OF MEN AND WOMEN PLAYING SPORT
—1993 and 1997**

Type of involvement	1993		1997	
	Men	Women	Men	Women
Age group (years)	%	%	%	%
15-24	55.5	39.4	57.9	40.0
25-34	42.5	28.1	42.7	25.7
35-44	32.3	20.7	32.8	17.6
45-54	25.0	14.8	25.2	14.3
55-64	21.1	14.5	23.2	14.8
65 and over	20.3	12.2	22.2	12.9
Total	35.3	23.1	35.7	21.5
	'000	'000	'000	'000
Total playing sport	2 382.1	1 581.5	2 536.4	1 578.8

Source: Unpublished data, 1993 Involvement in Sport Survey; Involvement in Sport, Australia, 1997 (6285.0).

12.4 ATTENDANCE AT SELECTED SPORTING EVENTS—1995

Sporting event	Persons '000	Attendance rate %
Australian Rules football	1 874	13.3
Horse racing	1 701	12.1
Rugby League	1 462	10.4
Cricket	1 166	8.3
Basketball	692	4.9
Harness racing	600	4.3
Soccer	559	4.0
Motor sports	452	3.2
Tennis	432	3.1
Rugby Union	358	2.5
Netball	312	2.2

Source: *Sports Attendance, Australia, 1995* (4174.0).

**13.1 GROSS PRODUCT(a) AND EMPLOYMENT(b),
By Industry—1997–98**

Industry	Gross product		Employment(b)	
	\$m	Contribution to GDP(P)(c) (d)%	'000	Contribution to total employment %
Agriculture, forestry and fishing	17 525	3.4	417	4.9
Mining	25 092	4.8	87	1.0
Manufacturing	69 004	13.2	1 095	12.8
Electricity, gas and water	14 272	2.7	66	0.8
Construction	29 973	5.7	619	7.2
Wholesale trade	29 432	5.6	528	6.2
Retail trade	30 314	5.8	1 243	14.5
Accommodation, cafes and restaurants	11 954	2.3	423	4.9
Transport and storage	33 081	6.3	396	4.6
Communication services	16 182	3.1	146	1.7
Finance and insurance	33 644	6.4	325	3.8
Property and business services	56 198	10.8	921	10.8

For footnotes see end of table.

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**13.1 GROSS PRODUCT(a) AND EMPLOYMENT(b),
By Industry—1997–98—continued**

Industry	Gross product		Employment(b)	
	\$m	Contribution to GDP(P)(c) (d)%	'000	Contribution to total employment %
Government administration and defence	23 828	4.6	(e)329	3.9
Education	25 578	4.9	608	7.1
Health and community services	32 514	6.2	820	9.6
Cultural and recreational services	10 572	2.0	205	2.4
Personal and other services	12 116	2.3	328	3.8
Ownership of dwellings	50 572	9.7	n.a.	n.a.
Total	521 851	100.0	8 555	100.0

(a) Gross Domestic Product at basic prices. (b) Estimates relate to May 1998 and are entirely sourced from the Labour Force Survey. (c) Production-based measure of GDP. (d) Percentage contributions do not sum to 100% due to rounding. (e) Defence forces are not included in the estimates of employment.

Source: *Unpublished data, Australian System of National Accounts, 1997–98; Australian System of National Accounts (5204.0); and Labour Force, Australia (6203.0).*

13.2 INDUSTRY PERFORMANCE RATIOS(a)—1997-98

Industry	Profit margin %	Return on assets %	Long-term debt to equity times	Interest coverage times	Investment rate %
Agriculture, forestry and fishing	13.4	2.9	0.1	3.5	47.8
Mining	13.7	6.7	1.0	4.1	n.a.
Manufacturing	6.0	7.0	0.6	5.0	19.9
Electricity, gas and water supply	14.8	4.2	0.7	1.7	n.a.
Construction	4.1	8.6	0.8	4.6	18.2
Wholesale trade	2.9	6.6	0.5	4.5	11.5
Retail trade	3.4	12.1	0.9	3.8	10.7
Accommodation, cafes and restaurants	7.2	7.3	0.7	3.5	24.0
Transport and storage	8.2	6.9	1.0	3.5	23.1
Communication services	15.9	10.6	0.8	5.3	28.7
Finance and insurance	27.8	3.0	..	1.9	..
Property and business services	11.6	5.8	0.5	3.8	15.7

For footnotes see end of table.

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13.2 INDUSTRY PERFORMANCE RATIOS(a)—1997–98—continued

Industry	Profit margin %	Return on assets %	Long-term debt to equity times	Interest coverage times	Investment rate %
Education	5.8	5.6	0.3	5.4	16.7
Health and community services	13.2	13.9	0.7	8.5	11.8
Cultural and recreational services	11.2	6.4	0.5	5.3	63.2
Personal and other services	10.8	8.2	0.2	6.8	25.4
All industries(b)	8.9	4.7	0.6	2.7	25.2

(a) The underlying data include private employing and public trading businesses, but exclude non-employed businesses and entities in the general government sector. (b) Long-term debt to equity and Investment rate for All industries exclude Mining, Electricity, gas and water supply and Finance and insurance businesses. Interest coverage for All industries also excludes Mining and Electricity, gas and water supply.

Source: *Business Operations and Industry Performance, Preliminary (8142.0)*.

13.3 NUMBER OF BUSINESSES(a), By Employment Category of Business

Employment category	1997-98	Change from 1996-97	Average annual rate of growth 1986-87 to 1997-98
	'000	%	%
Employment category			
Non-employing businesses	433.6	6.0	2.5
1-9 employees	459.9	4.7	4.5
10-19 employees	49.8	8.0	2.8
20-99 employees	28.5	-2.1	1.7
100 or more employees	6.1	3.4	2.4
Total	977.9	5.2	3.4

(a) Excludes public trading and general government entities, and businesses in the Agriculture, fishing and forestry industries.

Source: *Small Business in Australia, Data Report (1321.0.40.001)*.

**14.1 BIODIVERSITY SCHEDULED UNDER COMMONWEALTH LEGISLATION AS
AT RISK OR PRESUMED EXTINCT—At August 1999**

Species	Endangered	Vulnerable	Extinct
Fish	11	12	0
Amphibians	13	3	0
Invertebrates	0	4	0
Reptiles	12	40	0
Birds	36	60	23
Mammals	35	20	19
Non Vascular plants	1	1	0
Plants	370	700	68
Ecological Communities	2	0	0
Total	478	840	110

Source: Environment Australia, Biodiversity Group.

**14.2 AUSTRALIA'S GROUND WATER RESOURCES AND ANNUAL USE,
By Drainage Division**

Drainage Division	Area of aquifers square km	Divertible ground water gigalitres	Annual ground water use gigalitres	Annual total water use gigalitres
North-east Coast	114 250	2 875	735	1 660
South-east Coast	71 660	3 350	500	2 530
Tasmania	7 240	553	44	174
Murray-Darling	908 500	3 680	894	8 660
South Australian Gulf	2 500	406	80	312
South-west Coast	328 000	3 010	303	678
Indian Ocean	487 400	1 668	60	64
Timor Sea	328 900	6 230	22	128
Gulf of Carpentaria	340 250	3 210	128	244
Lake Eyre	834 030	2 209	125	135
Bulloo-Bancannia	90 100	167	17	18
Western Plateau	1 706 700	2 774	25	41
Total	5 219 530	30 300	2 933	14 600

Source: 1985 Review of Australia's Water Resources and Water Use.

14.3 AUSTRALIAN MARINE INDUSTRIES, Estimated Annual Value

Industry	\$b
Offshore petroleum and gas	7.8
Commercial fisheries and aquaculture	2.0
Defence ship building	1.1
Civil ship building	0.8
Boat building	0.4
Coastal shipping	0.6
International shipping	1.6
Domestic marine tourism and recreation	13.2
International marine tourism and recreation	2.0
Total	29.3

Source: Marine Industry Development Strategy, 1997.

**14.4 NATIONAL ENVIRONMENT PROTECTION EXPENDITURE,
By Industry Groups—1996–97**

	Capital	Current	Total	Industry EPE	National EPE	EPE as a ratio of Industry Gross Value Added(a)
	\$m	\$m	\$m	%	%	%
Agriculture	49	154	203	7	2	5
Manufacturing	418	494	911	30	11	5
Mining	141	216	357	12	4	6
Utilities (electricity and gas)	73	84	158	5	2	7
Service industries	106	1 295	1 402	46	16	2
Total	787	2 243	3 030	100	35	3

(a) Industry Gross Value Added is the market value of goods and services produced by an industry less the costs of goods and services used in the production process.

Source: *Environment Protection Expenditure, Australia (4603.0)*.

15.1 EMPLOYED PERSONS(a) IN AGRICULTURE AND RELATED SERVICES TO AGRICULTURE, Annual Averages

	Married males '000	All males '000	Married females '000	All females '000	Persons '000
1994	180.5	257.6	97.5	118.7	376.3
1995	180.6	259.3	101.5	123.8	383.0
1996	185.1	272.1	99.5	122.1	394.2
1997	190.6	276.7	102.8	126.3	403.0
1998	178.4	268.2	98.3	125.6	394.0

(a) The estimates of employed persons include persons who worked without pay for at least one hour per week in a family business or on a farm (that is, unpaid family helpers). Persons who worked in another industry and in agriculture are classified to the industry of predominant activity.

Source: *Unpublished data, Labour Force Survey.*

15.2 AGRICULTURAL COMMODITIES PRODUCED, Gross Value

Commodity	1994-95 \$m	1995-96 \$m	1996-97 \$m
Crops			
Barley for grain	622.2	1 276.4	1 306.1
Oats for grain	165.8	289.4	226.7
Wheat for grain	2 127.2	4 304.6	4 878.0
Other cereal grains	580.2	764.8	1.0
Sugar cane cut for crushing	1 207.7	1 232.7	1 186.4
Fruit and nuts	1 426.3	1 506.3	1 701.2
Grapes	511.1	708.4	721.5
Vegetables	1 491.6	1 629.8	1 663.0
All other crops(a)	2 999.6	3 716.1	3 689.9
<i>Total crops</i>	<i>11 131.7</i>	<i>15 396.7</i>	<i>16 137.6</i>

For footnotes see end of table.

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15.2 AGRICULTURAL COMMODITIES PRODUCED, Gross Value—continued

Commodity	1994-95 \$m	1995-96 \$m	1996-97 \$m
Livestock slaughterings and other disposals(b)			
Cattle and calves(c)	4 213.5	3 575.9	3 390.1
Sheep and lambs	833.7	1 035.7	1 038.9
Pigs	630.6	597.8	671.1
Poultry	902.0	948.1	1 053.3
<i>Total livestock slaughterings and other disposals(d)</i>	6 615.7	6 192.7	6 190.1
Livestock products			
Wool	3 317.9	2 548.5	2 621.2
Milk	2 419.1	2 993.5	2 808.9
Eggs	230.6	266.7	274.9
<i>Total livestock products(e)(f)</i>	5 993.7	5 851.4	5 753.6
Total value of agricultural commodities produced(g)	23 750.3	27 451.9	28 089.7

(a) Includes pastures and grasses. Excludes crops for green feed or silage. (b) Includes net exports of livestock.

(c) Includes dairy cattle slaughtered. (d) Includes goat slaughterings and Tasmanian pigs and poultry. (e) Includes honey and beeswax. (f) Excludes Northern Territory milk and eggs. (g) Includes pigs, poultry, milk and eggs in the Northern Territory.

Source: *Value of Agricultural Commodities Produced, Australia (7503.0); Agriculture, Australia 1996-97 (7113.0)*.

15.3 FARM BUSINESSES, Selected Financial Aggregates

	1995-96 \$m	1996-97 \$m	1997-98 \$m
Sales from crops	13 159.6	13 581.2	13 493.1
Sales from livestock	6 339.7	5 964.7	5 922.0
Sales from livestock products	4 975.1	5 403.3	5 556.5
Turnover	26 724.9	27 122.3	27 300.1
Purchases and selected expenses	14 948.6	15 692.3	15 472.4
Value added(a)	11 185.3	10 797.4	12 034.4
Adjusted(b) value added(a)	9 552.5	9 103.2	10 145.0
Gross operating surplus(a)	7 176.6	6 588.3	7 608.1
Interest paid	1 666.7	1 719.9	1 595.1
Cash operating surplus(c)	6 429.3	5 906.3	6 091.7
Net capital expenditure	2 307.9	2 480.7	2 624.7
Gross indebtedness	19 592.7	20 464.2	21 630.8

(a) Includes an estimate for the increase (or decrease) in the value of livestock. (b) The estimate of value added less the estimates of rates and taxes, insurance payments and other expenses. (c) Excludes an estimate for the increase (or decrease) in the value of livestock.

Source: *Agricultural Industries, Financial Statistics, Australia (7507.0)*; *Agriculture, Australia (7223.0)*.

15.4 AGRICULTURAL LAND USE IN AUSTRALIA

31 March	Area of			Area of establishments with agricultural activity mill. ha	Total
	Crops(a) mill. ha	Sown pastures and grasses mill. ha	Balance(b) mill. ha		Proportion of Australian land area(c) %
1993	17.3	29.0	413.8	460.1	59.8
1994	18.0	29.5	421.6	469.1	61.0
1995	17.0	(d)	410.2	463.3	60.2
1996	19.4	17.1	428.7	465.2	60.5
1997	21.1	19.0	422.0	462.2	60.1
1998	21.5	22.8	419.4	463.8	60.3

(a) Pastures and grasses harvested for hay and seed are included in 'sown pastures and grasses'. (b) Includes areas of arid or rugged land held under grazing licences but not always used for grazing, and also variable amounts of fallow land. (c) About 769,203,000 ha. (d) Collected in the Northern Territory only.

Source: AgStats (7117.0); *Agriculture, Australia 1997-98* (7113.0).

15.5 AREA OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY

31 March	NSW mill. ha	Vic. mill. ha	Qld mill. ha	SA mill. ha	WA mill. ha	Tas. mill. ha	NT mill. ha	Aust. (incl. ACT) mill. ha
1996	61.0	12.8	149.7	56.9	114.5	1.9	68.3	465.2
1997	60.9	12.7	149.6	56.2	112.5	1.9	68.3	462.2
1998	60.3	12.7	148.2	57.5	115.8	1.9	67.3	463.8

Source: AgStats (7117.0); Agriculture, Australia 1997-98 (7113.0).

15.6 SELECTED CROPS, Area, Production and Gross Value

Crop	1996-97			1997-98		
	Area '000 ha	Production '000 t	Gross value \$m	Area '000 ha	Production '000 t	Gross value \$m
Cereals for grain						
Barley	3 367	6 696	1 306	3 521	6 482	1 068
Grain sorghum	544	1 425	257	507	1 081	183
Maize	67	398	80	57	272	55
Oats	1 052	1 653	227	937	1 634	223
Rice	152	1 255	310	147	1 324	392
Wheat	10 936	22 924	4 878	10 439	19 224	3 802
Lupins for grain	1 259	1 522	250	1 425	1 561	306
Crops for hay						
Oats	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Wheat	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sugar cane cut for crushing	390	38 633	1 186	415	39 531	1 248
Tobacco	3	9	54	3	8	46
Seed cotton	378	1 485	1 342	381	1 518	1 360
Peanuts (in shell)	24	47	35	19	32	22
Soybean	39	74	31	32	54	22

...continued

15.6 SELECTED CROPS, Area, Production and Gross Value—continued

Crop	1996–97			1997–98		
	Area '000 ha	Production '000 t	Gross value \$m	Area '000 ha	Production '000 t	Gross value \$m
Canola	407	623	239	697	855	328
Sunflower	139	143	47	90	84	34
Orchard fruit						
Oranges	n.a.	523	264	n.a.	500	254
Apples	n.a.	353	393	n.a.	309	298
Pears (excluding Nashi)	n.a.	168	106	n.a.	153	109
Peaches	n.a.	72	60	n.a.	65	54
Other fruit						
Bananas	10	200	217	10	223	230
Pineapples	3	123	39	3	123	37
Grapes	90	943	722	99	1 112	1 000
Vegetables						
Carrots	7	257	142	7	267	150
Potatoes	41	1 286	449	43	1 372	515
Tomatoes	9	393	177	8	380	173
Total all crops (excluding pastures and grasses)	21 133	..	15 659	21 595	..	15 606

Source: AgStats (7117.0), Value of Agricultural Commodities Produced, Australia (7503.0).

15.7 VITICULTURE, Area, Production and Value

Year	Area		Production of grapes(a) used for		Total production(b)	
	Bearing '000 ha	Total '000 ha	Winemaking '000 t fresh weight	Drying '000 t fresh weight	Quantity '000 t fresh weight	Gross value \$m
1995-96	65	81	782	248	1 087	714.3
1996-97	72	90	743	136	943	721.5
1997-98	78	99	871	177	1 112	1 000.2

(a) Excludes the Northern Territory and the Australian Capital Territory. (b) Includes grapes used for table and other purposes.

Source: *Value of Agricultural Commodities Produced, Australia (7503.0)*; *Agricultural Commodities, Australia 1997-98 (7121.0)*; *Agriculture, Australia 1997-98 (7113.0)*.

15.8 PRODUCTION OF MEAT(a)

Year	Carcass weight					Dressed weight(b)(c)		
	Beef '000 t	Veal '000 t	Mutton '000 t	Lamb '000 t	Pig meat '000 t	Total meat '000 t	Total all chickens '000 t	Total poultry(d) '000 t
1995-96	1 711	34	310	265	347	2 667	481	516
1996-97	1 777	38	298	275	339	2 727	496	532
1997-98	1 911	44	333	283	356	2 927	550	587
1998-99	1 973	38	301	312	370	2 994	573	616

(a) Excludes offal. (b) Excludes Tasmania, the Northern Territory and the Australian Capital Territory. (c) Dressed weight of whole birds, pieces and giblets. (d) Includes other fowls, turkeys, ducks and drakes.

Source: *Unpublished data. Livestock Products, Australia (7215.0).*

15.9 SHEARING, WOOL PRODUCTION AND VALUE

Year	Wool production					
	Sheep and lambs shorn millions	Average fleece weight kg	Total wool			Gross value(b) \$m
			Shorn wool '000 t	Other wool(a) '000 t	Quantity '000 t	
1995-96	146.7	4.46	659.8	43.6	703.4	2 559.7
1996-97	156.4	4.37	681.5	46.7	728.2	2 621.2
1997-98	155.5	4.22	655.1	48.9	704.0	2 753.9

(a) Comprises dead and fellmongered wool, and wool exported on skins. (b) Gross value is based for shorn wool upon the average price realised for greasy wool sold at auction and, for skin wools, on prices recorded by fellmongers and skin exporters.

Source: *Value of Agricultural Commodities Produced, Australia (7503.0)*; *Livestock Products, Australia (7215.0)*; *Agriculture, Australia 1997-98 (7113.0)*.

15.10 APPARENT PER CAPITA CONSUMPTION OF FOODSTUFFS

Commodity	Units	Average 3 years ended 1988-89	1996-97	1997-98 p
Meat (carcass equivalent weight)				
Beef	kg	38.3	37.8	36.6
Veal	kg	1.7	1.8	1.9
Beef and veal	kg	40.0	39.6	38.4
Lamb	kg	14.9	11.1	10.9
Mutton	kg	7.3	6.0	5.9
Pigmeat	kg	17.5	17.6	17.8
Total meat	kg	79.8	74.2	73.0
Offal and meat, n.e.i.	kg	3.1	1.4	1.2
<i>Total meat and meat products (carcass equivalent weight)</i>	kg	82.8	75.6	74.2
Canned meat (canned weight)	kg	n.a.	n.a.	n.a.
Bacon and ham (cured carcass weight)	kg	6.9	8.4	n.a.
Poultry (dressed weight)(a)	kg	24.1	28.4	30.7

For footnotes see end of table.

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15.10 APPARENT PER CAPITA CONSUMPTION OF FOODSTUFFS—continued

Commodity	Units	Average 3 years ended 1988–89	1996–97	1997–98 p
Milk and milk products				
Market milk (fluid whole litres)	L	101.7	104.2	103.7
Cheese (natural equivalent weight)	kg	8.8	10.9	10.9
Oils and fats				
Butter	kg	3.2	2.8	2.9
Margarine	kg	9.0	6.6	6.7
Table margarine	kg	6.8	4.7	4.4
Other margarine	kg	2.2	1.9	2.3
Beverages				
Tea	kg	1.2	0.8	0.8
Coffee	kg	2.0	2.4	2.3
Aerated and carbonated waters	L	87.4	114.4	111.7
Beer	L	113.1	95.5	95.0
Wine	L	20.2	19.0	19.7
Spirits (litres alcohol)	L	1.2	1.3	1.4

(a) Excludes Tasmania, the Northern Territory and the Australian Capital Territory.

Source: *Apparent Consumption of Foodstuffs, Australia (4306.0)*.

**16.1 WOOD AND PAPER PRODUCT MANUFACTURING INDUSTRIES,
Summary of Operations—1997–98**

Industry	Employment at 30 June(a) '000	Wages and salaries(b) \$m	Turnover \$m
Log sawmilling and timber dressing			
Log sawmilling	7.0	178.8	771.3
Wood chipping	0.9	36.2	506.8
Timber resawing and dressing	7.4	240.6	1 215.3
<i>Total</i>	15.3	455.6	2 493.3
Other wood product manufacturing			
Plywood and veneer manufacturing	1.5	50.2	237.7
Fabricated wood manufacturing	3.4	148.3	842.9
Wooden structural component manufacturing	18.7	479.3	2 184.3
Wood product manufacturing n.e.c.	6.5	125.9	560.4
<i>Total</i>	30.2	803.7	3 825.3

For footnotes see end of table.

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**16.1 WOOD AND PAPER PRODUCT MANUFACTURING INDUSTRIES,
Summary of Operations—1997–98—continued**

Industry	Employment at 30 June(a) '000	Wages and salaries(b) \$m	Turnover \$m
Paper and paper product manufacturing			
Pulp, paper and paperboard manufacturing	4.8	260.3	1 961.2
Solid paperboard container manufacturing	2.4	108.5	506.4
Corrugated paperboard container manufacturing	5.4	265.5	1 440.2
Paper bag and sack manufacturing	1.2	47.4	278.2
Paper product manufacturing n.e.c.	3.5	147.9	993.1
Total	17.2	829.6	5 179.0
Total wood and paper product manufacturing	62.6	2 088.9	11 497.5

(a) Includes working proprietors. (b) Excludes the drawings of working proprietors.

Source: *Manufacturing Industry, Australia* (8221.0).

16.2 PRODUCTION OF WOOD AND SELECTED WOOD PRODUCTS

Commodity	Quantity	1995-96	1996-97	1997-98
Sawn Australian grown timber				
Coniferous	'000 m ³	2 053	2 063	2 327
Broadleaved	'000 m ³	1 391	1 418	1 322
<i>Total</i>	'000 m ³	3 445	3 481	3 649
Hardwood woodchips(a)	'000 t	4 827	4 779	5 665
Railway sleepers	'000 m ³	86	72	67
Plywood	'000 m ³	131	151	170
Unlaminated particle board(a)	'000 m ³	826	790	882
Medium density fibreboard	'000 m ³	377	434	501
Wood pulp(a)	'000 t	986	949	958
Paper and paperboard				
Newsprint(a)	'000 t	445	421	444
Printing and writing	'000 t	351	364	424
Household and sanitary	'000 t	180	181	191
Packaging and industrial	'000 t	1 344	1 452	1 483

(a) Excludes production of small single establishment management units with fewer than four persons employed, and establishments engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing.

Source: Unpublished data, Australian Bureau of Statistics and Australian Bureau of Agricultural and Resource Economics.

16.3 GROSS VALUE OF SELECTED MAJOR FISHERIES CATEGORIES

	1995-96 \$m	1996-97(a) \$m	1997-98(a) \$m
Prawns	368	344	378
Rock lobster	372	412	373
Tuna	85	96	111
Other fin fish	352	378	405
Abalone	142	152	176
Scallops	71	36	37
Oysters	52	51	44
Pearls	122	172	190
Other n.e.i.	126	137	147
Total	1 690	1 778	1 860

(a) Estimate only.

Source: Australian Bureau of Agricultural and Resource Economics.

16.4 AUSTRALIAN FISHERIES PRODUCTION, By Category(a)

	1995-96 tonnes	1996-97 tonnes	1997-98 tonnes
Fish			
Tuna	9 245	13 025	11 091
Other	123 530	123 654	128 343
Total	132 775	136 679	139 434
Crustaceans			
Prawns	29 366	27 565	28 919
Rock lobster	15 784	15 703	16 087
Other	8 298	7 915	8 012
Total	53 449	51 182	53 019
Molluscs			
Abalone	5 408	5 240	5 253
Scallops	16 018	8 589	9 874
Oysters	10 061	10 743	9 206
Other	6 848	7 856	6 052
Total	38 335	32 429	30 384
Total	224 559	220 290	222 837

(a) Includes an estimate for aquaculture production, but excludes production from inland commercial fisheries.

Source: Australian Bureau of Agricultural and Resource Economics.

16.5 DESTINATION OF EXPORTS OF AUSTRALIAN FISHERIES PRODUCTS(a)

Country	1995-96		1996-97		1997-98	
	\$m	%	\$m	%	\$m	%
Japan	491	36.2	447	33.7	483	32.0
Hong Kong (SAR of China)	234	17.3	236	17.8	245	16.2
Taiwan	219	16.1	217	16.3	179	11.9
China	21	1.5	53	4.0	120	8.0
United States of America	64	4.7	76	5.7	110	7.3
Singapore	46	3.4	40	3.0	41	2.7
New Zealand	11	0.8	12	0.9	14	0.9
Thailand	13	1.0	8	0.6	14	0.9
Spain	15	1.1	10	0.8	13	0.9
Switzerland	8	0.6	8	0.6	9	0.6
France	13	1.0	4	0.3	6	0.4
South Korea	13	1.0	10	0.8	5	0.3
Germany	6	0.4	8	0.6	5	0.3
Other	202	14.9	198	14.9	266	17.6
Total	1 356	100.0	1 327	100.0	1 510	100.0

(a) Includes non-edible products (e.g. marine fats and oils, fish meal, pearls and ornamental fish).

Source: *International Trade database*.

17.1 MINING, Summary of Operations by Industry—1996-97

	Employ- ment at 30 June (a) no.	Wages and salaries (b) \$m	Turnover (c) \$m	Stocks		Purchases and selected expenses \$m	Value added \$m	Net capital expend- iture \$m
				Open \$m	Close \$m			
Coal mining	26 000	2 088	10 912	826	999	4 963	6 123	1 329
Oil and gas extraction	4 134	373	9 047	304	263	750	8 256	1 191
Metal ore mining								
Iron ore mining	5 740	438	3 746	330	384	1 385	2 415	283
Bauxite mining	1 786	115	898	77	95	239	677	133
Copper ore mining	2 605	148	1 332	165	295	540	921	177
Gold ore mining	8 152	454	4 710	544	617	2 616	2 167	737

For footnotes see end of table.

...continued

17.1 MINING, Summary of Operations by Industry—1996-97—continued

	Employ- ment at 30 June (a) no.	Wages and salaries (b) \$m	Turnover (c) \$m	Stocks		Purchases and selected expenses \$m	Value added \$m	Net capital expend- iture \$m
				Open \$m	Close \$m			
Metal ore mining— (continued)								
Mineral sand mining	2 204	108	849	160	203	404	488	167
Silver-lead-zinc ore mining	3 146	212	1 291	136	161	537	779	226
Other(d)	1 946	157	1 315	272	314	731	626	258
Total metal ore mining	25 579	1 631	14 142	1 684	2 067	6 453	8 072	1 980
Total mining 1996-97	55 713	4 093	34 101	2 813	3 328	12 165	22 451	4 501
Total mining 1995-96	56 810	3 917	32 076	2 529	2 788	11 700	20 635	4 862

(a) Includes working proprietors. (b) Excludes amounts drawn by working proprietors. (c) Includes transfers out to other establishments of the same management unit where appropriate. (d) Includes nickel ores, tin ores, uranium ores and non-ferrous metal ores n.e.c.

Source: *Australian Mining Industry (8414.0)*.

17.2 MINERAL PRODUCTION, Selected Minerals, Australia

	Units	1994-95	1995-96	1996-97(a)
Metallic minerals				
Bauxite	'000 t	45 384	50 724	46 874
Copper concentrate(b)(c)	'000 t	9 423	1 316	1 787
Gold bullion (dore)(d)	kg	298 697	291 965	287 676
Iron ore(e)	'000 t	137 525	137 267	162 480
Lead concentrate	'000 t	766	774	774
Manganese ore(f)	'000 t	n.p.	1 298	n.p.
Mineral sands(g)	'000 t	2 375	2 491	3 044
Uranium concentrate (U3O8)(b)	t	n.a.	3 200	n.p.
Zinc concentrate(h)	'000 t	1 699	1 295	2 007
<i>Total value of metallic minerals</i>	<i>\$m</i>	<i>(i)11 715</i>	<i>12 708</i>	<i>13 422</i>
Coal				
Black coal	'000 t	191 903	194 492	205 442
Brown coal	'000 t	50 679	54 281	58 886
<i>Total value of coal(k)</i>	<i>\$m</i>	<i>(j)7 340</i>	<i>8 006</i>	<i>9 115</i>

For footnotes see end of table.

...continued

17.2 MINERAL PRODUCTION, Selected Minerals, Australia—continued

	Units	1994-95	1995-96	1996-97(a)
Oil and gas				
Crude oil(l)	ML	31 301	30 763	29 130
Natural gas(m)	GL	17 486	19 169	n.a.
Ethane	GL	208	199	n.a.
Propane(n)	GL	1 999	2 092	2 150
Butane(n)	GL	1 480	1 544	1 593
Liquefied natural gas	'000 t	6 888	7 346	n.a.
Total value of oil and gas	\$m	7 683	8 070	8 821
Total value of metallic minerals, coal, oil and gas	\$m	26 738	28 784	31 358

(a) Break in series—data for 1996-97 derived solely from information supplied through the ABS mining collection. Data for prior years derived from information supplied by State mines departments or directly to the ABS, supplemented in some cases by data from other sources. (b) Excludes South Australia. (c) Includes copper concentrate in other forms. (d) Includes alluvial gold. (e) Includes iron ore pellets. (f) Metallurgical grade. (g) Includes ilmenite, beneficiated ilmenite, leucoxene, monazite, rutile, synthetic rutile and zircon. (h) Includes zinc-lead concentrate. (i) Includes Tasmanian coal production. (j) Excludes Tasmania. (k) Excludes briquettes. (l) Stabilised. Includes condensate. (m) Includes field and plant usage. (n) Excludes refinery production.

Source: *Australian Mining Industry (8414.0)*.

**17.3 PRODUCTION OF PRINCIPAL MANUFACTURED PRODUCTS
OF MINERAL ORIGIN**

	Units	1995-96	1996-97	1997-98
Metals				
Non-ferrous				
Alumina	'000 t	13 293	13 252	13 581
Refined aluminium	'000 t	1 331	1 395	1 589
Refined copper	'000 t	300	305	284
Lead bullion(a)	'000 t	181	191	171
Refined lead	'000 t	224	202	185
Refined zinc	'000 t	330	319	304
Refined tin	t	550	570	650
Ferrous				
Pig iron	'000 t	7 554	7 545	7 928
Precious				
Refined gold	t	318	326	348
Refined silver	t	350	339	227

For footnotes see end of table.

...continued

**17.3 PRODUCTION OF PRINCIPAL MANUFACTURED PRODUCTS
OF MINERAL ORIGIN—continued**

	Units	1995-96	1996-97	1997-98
Fuels				
Petroleum products				
Diesel automotive oil	ML	12 202	12 968	13 183
Industrial and marine fuel	ML	78	45	48
Fuel oil	ML	1 998	1 795	1 662
Petrol	ML	18 358	18 084	18 589
Building Materials				
Clay bricks	m	1 455	1 467	1 532
Portland cement	'000 t	6 397	6 701	7 235
Chemicals				
Superphosphate(b)	'000 t	1 697	1 511	1 819

(a) Metallic content. (b) Double and triple superphosphate expressed in terms of single phosphate, that is 9% P equivalent.

Source: Australian Bureau of Agricultural and Resource Economics (1999); Department of Industry, Science and Resources (1999); ABS Manufacturing Production (8301.0).

17.4 PRIVATE MINERAL EXPLORATION EXPENDITURE(a), By State/Territory

State/Territory	1995-96 \$m	1996-97 \$m	1997-98 \$m
New South Wales	80.4	94.1	88.2
Victoria	42.6	51.8	43.1
Queensland	181.0	160.7	133.2
South Australia	24.1	35.1	45.0
Western Australia	519.5	691.7	660.4
Tasmania	18.8	26.0	20.7
Northern Territory	93.9	88.9	75.9
Australia	960.3	1 148.6	1 066.8

(a) Excludes expenditure on petroleum exploration.

Source: Actual and Expected Private Mineral Exploration, Australia (8412.0).

17.5 PRIVATE PETROLEUM EXPLORATION EXPENDITURE

	1995-96 \$m	1996-97 \$m	1997-98 \$m
Onshore	174.8	251.9	232.2
Offshore	550.3	601.0	748.9
Total	725.1	853.0	981.2

Source: Actual and Expected Private Mineral Exploration, Australia (8412.0).

18.1 ENERGY PRODUCTION FOR SELECTED COUNTRIES—1995–96

	Australia	Canada	Japan	Netherlands	United Kingdom	United States of America
Nuclear						
Million tonnes of oil equivalent	0.0	24.2	78.8	1.1	24.7	186.4
Per cent change since 1986	0.0	26.0	79.6	-1.3	60.2	63.0
Coal						
Million tonnes of oil equivalent	129.9	41.6	3.6	0.0	31.1	547.0
Per cent change since 1986	45.5	32.6	-61.9	0.0	-50.1	16.9
Oil						
Million tonnes of oil equivalent	27.5	116.9	0.8	3.2	135.9	399.0
Per cent change since 1986	-3.1	33.2	15.8	-37.1	3.1	-19.8
Natural gas						
Million tonnes of oil equivalent	25.4	135.1	2.0	68.3	75.8	440.2
Per cent change since 1986	107.0	105.3	5.9	22.1	102.8	17.1
Other(a)						
Million tonnes of oil equivalent	6.2	39.5	17.4	0.8	1.6	114.8
Per cent change since 1986	27.8	11.1	26.1	>500.0	289.3	13.5
Total						
Million tonnes of oil equivalent	189.0	357.3	102.5	73.4	269.1	1 687.3
Per cent change since 1986	40.2	49.1	47.3	17.7	8.8	8.4

(a) Includes hydro, geothermal, solar, wind, combustible renewables and waste.

Source: *International Energy Agency; Organisation for Economic Co-operation and Development, 1998.*

18.2 ENERGY CONSUMPTION FOR SELECTED COUNTRIES—1995–96

	Australia	Canada	Japan	Netherlands	United Kingdom	United States of America
Industry						
Million tonnes of oil equivalent	26.0	68.4	143.3	20.5	46.0	424.9
Per cent change since 1986	32.7	13.3	22.5	1.5	7.4	0.9
Transport						
Million tonnes of oil equivalent	26.1	50.7	90.2	13.4	50.2	562.8
Per cent change since 1986	29.4	26.7	50.2	41.9	27.2	20.9
Other						
Million tonnes of oil equivalent	14.1	62.8	103.6	25.2	66.2	455.8
Per cent change since 1986	31.3	22.3	41.2	20.2	11.9	15.4
Total						
Million tonnes of oil equivalent	66.1	181.9	337.1	59.1	162.4	1 443.5
Per cent change since 1986	31.1	19.9	34.6	16.8	14.8	12.6

Source: *International Energy Agency; Organisation for Economic Co-operation and Development, 1998.*

18.3 AUSTRALIA'S DEMONSTRATED ENERGY RESOURCES AND PRODUCTION, By Resource Type

	Unit	Demonstrated resources				Production 1997
		1985	1990	1995	1997	
Black coal	Gt	35	55	54	55	0.27
Brown coal	Gt	44	45	44	44	0.06
Crude oil(a)	Gt	377	487	550	517	32.90
Natural gas	Bcm	1 530	2 055	2 362	2 344	30.00
Liquid petroleum gas	Gt	98	209	234	251	4.10
Uranium	kt	521	529	706	708	6.50

(a) Includes condensate.

Source: *Mineral Account, Australia (4608.0)*; Bureau of Resource Sciences, 1998.

18.4 ENERGY RESOURCES EXTRACTED

	1996-97		1997-98	
	Petajoules	%	Petajoules	%
Black coal	5 580.0	47.6	5 885.0	48.4
Brown coal	559.1	4.8	631.6	5.2
Uranium	2 817.7	24.1	2 724.6	22.4
Crude oil	1 148.8	9.8	1 256.6	10.3
Natural gas	1 219.8	10.4	1 272.0	10.4
Liquid petroleum gas	100.4	0.9	117.6	1.0
Renewables	284.9	2.4	283.7	2.3
Total	11 710.7	100.0	12 171.0	100.0

Source: Australian Bureau of Agricultural and Resource Economics, 1999.

18.5 EXPORTS OF ENERGY PRODUCTS

	1996-97		1997-98		1998-99	
	\$m	Total exports %	\$m	Total exports %	\$m	Total exports %
Coal, whether or not pulverised but not agglomerated	7 958	10.1	9 562	10.9	9 301	10.8
Petroleum oils and oils obtained from bituminous minerals, crude	1 883	2.4	1 972	2.2	1 595	1.9
Petroleum products	1 922	2.4	2 008	2.3	1 537	1.8
Gas, natural and manufactured	1 895	2.4	1 968	2.2	1 727	2.0
Ores and concentrates of uranium or thorium	245	0.3	288	0.3	287	0.3
Total	13 903	17.6	15 798	17.9	14 447	16.8

Source: *International Merchandise Trade, Australia* (5422.0).

18.6 ELECTRICITY CONSUMPTION by State/Territory—1997–98(a)

	NSW and ACT million kWh	Vic. million kWh	Qld million kWh	SA million kWh	WA million kWh	Tas. million kWh	NT million kWh	Aust. million kWh
Residential	18 315	10 281	9 369	3 693	3 268	1 887	412	47 225
Other(b)	40 398	24 574	22 841	6 246	7 796	7 098	1 113	110 065
Total	58 713	34 855	32 210	9 939	11 063	8 985	1 525	157 290

(a) Figures do not include internal usage by supply authorities or consumption on unread meters at 30 June.

(b) Includes commercial, industrial, traction and public lighting.

Source: *Electricity Supply Association of Australia, 1999.*

18.7 NATURAL GAS OPERATIONS OF UTILITIES, Consumption by State/Territory—1996–97

	NSW(a) tera- joules	Vic.(b) tera- joules	Qld tera- joules	SA tera- joules	WA tera- joules	Tas.(c) tera- joules	NT tera- joules	ACT tera- joules	Aust.(d) tera- joules
Residential	14 714	76 616	1 497	7 536	n.p.	—	2	2 744	103 109
Commercial	11 513	21 786	1 310	3 350	n.p.	—	75	2 209	40 243
Industrial	75 324	77 162	8 975	30 591	n.p.	—	14	99	192 165
Total	101 551	175 564	11 782	41 477	n.p.	—	92	5 052	335 517

(a) Excludes the ACT. (b) Includes Albury. (c) Natural gas not available in Tasmania. (d) Excludes Western Australia.

Source: *The Australian Gas Association, 1998.*

19.1 MANUFACTURING, Summary of Operations by Industry(a)—1997–98

Industry subdivision	Employment at 30 June(a) '000	Wages and salaries(b) \$m	Turnover \$m	Turnover per person employed \$'000
Food, beverage and tobacco manufacturing	170.4	5 959	47 142	277
Textile, clothing, footwear and leather manufacturing	80.2	2 074	10 545	131
Wood and paper product manufacturing	63.6	2 093	11 602	182
Printing, publishing and recorded media	102.1	3 543	15 038	147
Petroleum, coal, chemical and associated product manufacturing	94.2	3 935	33 563	356
Non-metallic mineral product manufacturing	36.5	1 400	8 982	246
Metal product manufacturing	149.8	5 793	39 048	261
Machinery and equipment manufacturing	208.5	7 864	41 711	200
Other manufacturing	59.7	1 473	6 725	113
Total manufacturing	965.0	34 135	214 355	222

(a) Includes working proprietors. (b) Excludes the drawings of working proprietors.

Source: *Manufacturing Industry, Australia, Preliminary (8201.0)*.

19.2 MANUFACTURING INDUSTRY TURNOVER, By State/Territory—1997–98

Industry subdivision	NSW \$m	Vic. \$m	Qld \$m	SA \$m	WA \$m	Tas. \$m	NT \$m	ACT \$m	Aust. \$m
Food, beverage and tobacco manufacturing	14 205	14 271	9 550	4 287	3 193	1 424	93	119	47 142
Textile, clothing, footwear and leather manufacturing	3 357	5 303	623	757	298	189	6	12	10 545
Wood and paper product manufacturing	3 515	3 255	1 830	1 015	721	1 193	30	42	11 602
Printing, publishing and recorded media	6 736	4 710	1 522	779	878	183	37	193	15 038
Petroleum, coal, chemical and associated product manufacturing	12 074	11 493	4 943	1 570	3 259	192	29	3	33 563
Non-metallic mineral product manufacturing	2 829	2 199	1 945	611	1 040	223	91	42	8 982
Metal product manufacturing	14 141	8 770	6 579	2 612	5 203	1 081	629	33	39 048
Machinery and equipment manufacturing	10 502	17 554	3 565	7 232	2 226	453	75	104	41 711
Other manufacturing	1 930	2 276	1 093	610	688	65	17	45	6 725
Total manufacturing	69 289	69 832	31 651	19 474	17 506	5 003	1 006	594	214 355

Source: *Manufacturing Industry, Australia, Preliminary (8201.0)*.

19.3 PRIVATE NEW CAPITAL EXPENDITURE IN MANUFACTURING INDUSTRY

Industry subdivision	1995-96 \$m	1996-97 \$m	1997-98 \$m
Food, beverage and tobacco manufacturing	1 895	1 997	2 408
Textile, clothing, footwear and leather manufacturing	271	251	287
Wood and paper product manufacturing	1 112	920	901
Printing, publishing and recorded media	673	587	790
Petroleum, coal, chemical and associated product manufacturing	1 719	1 664	1 578
Non-metallic mineral product manufacturing	756	1 071	880
Metal product manufacturing	2 192	1 501	1 671
Machinery and equipment manufacturing	1 611	2 007	2 125
Other manufacturing	227	199	302
Total manufacturing	10 457	10 198	10 942

Source: *Private New Capital Expenditure, Australia, Actual and Expected Expenditure (5626.0)*.

**19.4 SELECTED COMMODITIES PRODUCED BY MANUFACTURING
ESTABLISHMENTS(a)**

Commodity	Unit of quantity	1995-96	1996-97	1997-98
Red meat	'000 t	2 652	2 716	2 927
Chicken meat	'000 t	481	497	551
Cheese	'000 t	264	285	300
Butter	'000 t	145	147	154
Beer(b)	ML	1 743	1 735	1 757
Tobacco and cigarettes	t	20 390	22 193	21 257
Newsprint	'000 t	446	422	402
Wood pulp	'000 t	1 019	949	958
Undressed sawn timber	'000 m ³	3 444	3 382	3 650
Hardwood woodchips	'000 t	4 828	4 779	5 665
Automotive gasoline	ML	18 358	18 084	18 592
Fuel oil	ML	1 998	1 795	1 673
Aviation turbine fuel	ML	4 882	5 284	5 423
Automotive diesel oil	ML	12 202	12 968	13 183
Portland cement	'000 t	6 397	6 701	7 236

For footnotes see end of table.

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**19.4 SELECTED COMMODITIES PRODUCED BY MANUFACTURING
ESTABLISHMENTS(a)—continued**

Commodity	Unit of quantity	1995-96	1996-97	1997-98
Clay bricks	millions	1 455	1 468	1 532
Ready mixed concrete	'000 m ³	14 556	15 544	17 412
Basic iron, spiegeleisen and sponge iron	'000 t	7 553	7 346	7 928
Blooms and slabs of iron or steel	'000 t	7 951	7 775	8 356
Alumina	'000 t	13 312	13 253	13 538
Zinc	'000 t	330	319	304
Silver	'000 t	351	340	227
Copper	'000 t	282	305	286
Lead	'000 t	223	202	185
Tin	'000 t	550	570	650
Gold	'000 t	318	327	349
Electricity	million kWh	167 544	168 415	176 212
Gas(c)	PJ	621	636	649

(a) Data in this table exclude production by single establishment businesses employing fewer than four persons.

(b) Includes ale, stout and porter. Excludes extra light beer containing less than 1.15% by volume of alcohol.

(c) Available for issue through mains. Includes natural gas.

Source: *Manufacturing Production, Australia (8301.0)*.

**20.1 CONSTRUCTION ACTIVITY, By Type of Activity,
At Average 1989–90 Prices**

Financial year	Residential building \$m	Non-residential building \$m	Engineering construction \$m	Total construction(a) \$m
1993–94	18 323	9 078	13 135	40 586
1994–95	19 022	10 144	13 455	42 666
1995–96	15 745	11 486	14 716	41 955
1996–97	15 619	12 755	15 166	43 540
1997–98	18 509	12 850	16 837	48 223

(a) Chain volume measures are not additive for most periods; the component measures do not sum to a total in the same way as the corresponding current price components do.

Source: *Building Activity, Australia (8752.0)*; *Engineering Construction Activity, Australia (8762.0)*.

20.2 RESIDENTIAL BUILDING, By Public/Private Sector—1998

	New houses no.	New other residential dwelling units no.	Conversions, etc. no.
Private sector			
Approved	104 014	42 869	3 091
Commenced	100 370	40 795	3 811
Completed	96 525	36 848	3 606
Public sector			
Approved	2 990	2 970	3
Commenced	2 734	2 935	68
Completed	2 089	2 558	39
Total			
Approved	107 004	45 839	3 094
Commenced	103 104	43 730	3 879
Completed	98 614	39 406	3 645

Source: *Building Approvals, Australia (8731.0)*; *Building Activity, Australia (8752.0)*.

20.3 VALUE OF RESIDENTIAL BUILDING—1998

	Approved \$m	Work done \$m
New residential buildings		
New houses	12 228	11 731
New other residential buildings	4 804	5 130
<i>Total new residential buildings</i>	<i>17 032</i>	<i>16 861</i>
Alterations and additions to residential buildings(a)	3 004	3 189

(a) Valued at \$10,000 or more.

Source: *Building Approvals, Australia* (8731.0); *Building Activity, Australia* (8752.0).

20.4 VALUE OF NON-RESIDENTIAL BUILDING

	1997		1998	
	Approved \$m	Work done \$m	Approved \$m	Work done \$m
Hotels, etc.	1 147	1 098	1 007	1 125
Shops	1 987	2 310	2 093	2 322
Factories	1 071	1 140	924	917
Offices	1 950	2 012	2 213	2 460
Other business premises	1 680	1 830	2 365	2 260
Educational	1 384	1 365	1 391	1 387
Religious	65	82	82	85
Health	1 380	1 081	1 585	1 321
Entertainment and recreational	1 483	1 467	997	1 410
Miscellaneous	704	704	705	739
Total non-residential building(a)	12 851	13 090	13 363	14 026

(a) Valued at \$50,000 or more.

Source: *Building Approvals, Australia (8731.0)*; *Building Activity, Australia (8752.0)*.

**20.5 VALUE OF ENGINEERING CONSTRUCTION WORK DONE,
By Public/Private Sector and Nature of Project**

	1997			1998		
	For the private sector \$m	For the public sector \$m	Total \$m	For the private sector \$m	For the public sector \$m	Total \$m
Roads, highways and subdivisions	1 524	3 296	4 819	2 013	3 784	5 797
Bridges	29	217	246	26	248	274
Railways	94	1 046	1 140	194	945	1 139
Harbours	142	139	281	240	134	374
Water storage and supply	127	317	444	133	337	470
Sewerage and drainage	90	457	547	86	530	616
Electricity generation, transmission and distribution	489	1 119	1 608	553	958	1 511
Pipelines	265	44	309	356	72	428
Recreation	573	202	775	597	226	823
Telecommunications	126	2 415	2 542	61	2 967	3 028
Heavy industry	2 502	158	2 660	3 630	70	3 700
Other	44	16	60	54	12	66
Total	6 005	9 426	15 431	7 943	10 283	18 226

Source: *Engineering Construction Activity, Australia (8762.0)*.

21.1 RETAIL TURNOVER, Chain Volume Estimates(a) by Industry

Year	Food retailing \$m	Department stores \$m	Clothing and softgood retailing \$m	Household good retailing \$m	Recreational good retailing \$m	Other retailing \$m	Hospitality and services \$m	Total(b) \$m
1993-94	47 553	11 043	8 319	13 193	6 696	11 119	20 839	118 775
1994-95	50 272	11 164	8 476	13 859	7 133	11 627	22 735	125 194
1995-96	52 464	11 699	8 681	14 510	7 683	12 285	23 095	130 364
1996-97	52 819	11 628	8 525	15 271	7 402	12 693	21 913	130 251
1997-98	54 616	11 962	8 764	15 388	7 621	13 802	22 428	134 582

(a) The reference year for chain volume measures is 1997-98. (b) Chain volume measures are not additive for most periods; the component measures do not sum to a total in the same way as the corresponding current price components do.

Source: Unpublished data, Retail Trade.

21.2 WHOLESALE SALES, Chain Volume Estimates(a) by Industry

	Basic material wholesaling	Machinery and motor vehicle wholesaling	Personal and household good wholesaling	Total(b)
	\$m	\$m	\$m	\$m
1994-95	47 926	60 358	56 356	158 576
1995-96	47 302	59 858	54 002	161 149
1996-97	50 099	64 444	52 518	167 061
1997-98	57 672	70 833	55 255	183 760

(a) Reference year for chain volume measures is 1996-97. (b) Chain volume measures are not additive for most periods; the component measures do not sum to a total in the same way as the corresponding current price components do.

Source: *Unpublished data, Inventories and Sales, Selected Industries, Australia (5629.0)*.

21.3 SELECTED SERVICE INDUSTRIES, Summary of Operations

Industry group	Reference year	Businesses no.	Employment persons	Gross Income \$m	Operating profit before tax \$m	Operating profit margin %
Accommodation industry	1997-98	6 143	97 201	6 763	502.0	7.8
Clubs (hospitality)	1997-98	3 749	67 272	6 012.5	561.0	9.4
Pubs, taverns and bars	1997-98	4 792	81 724	8,253.3	681.1	8.3
Gambling services	1997-98	1 776	37 035	7 935.3	419.0	5.3
Real estate agents	1995-96	8 082	45 956	3 369.6	275.4	8.3
Legal services	1995-96	9 796	67 494	5 590.9	1 750.4	31.5
Accounting services	1995-96	8 389	66 792	4 939.1	954.6	19.4
Consultant engineering services	1995-96	5 514	30 736	3 233.3	351.0	11.0
Computing services	1995-96	9 679	55 046	8 088.3	455.0	5.7
Private medical practices	1994-95	22 298	106 134	7 240.9	1 850.3	25.8
Community services	1995-96	7 207	248 953	7 294.6	n.a.	n.a.

...continued

21.3 SELECTED SERVICE INDUSTRIES, Summary of Operations—continued

Industry group	Reference year	Businesses no.	Employment persons	Gross Income \$m	Operating profit before tax \$m	Operating profit margin %
Sports industries	1994–95	5 066	58 414	2 517.0	169.7	7.3
Travel agency services	1996–97	3 266	24 451	1 979.5	37.3	2.0
Interest groups	1995–96	3 737	47 072	3 251.2	n.a.	n.a.
Libraries	1996–97	564	11 877	666.6	n.a.	n.a.
Museums	1996–97	224	5 636	425.2	n.a.	n.a.
Motion picture exhibition	1996–97	188	7 739	832.2	119.9	14.9
Zoos, parks and gardens	1996–97	802	19 721	1 571.9	n.a.	n.a.
Radio services	1996–97	261	5 064	622.7	92.6	14.9
Television services	1996–97	48	8 873	3 351.0	-324.0	-9.7
Film and video production	1996–97	2 003	9 438	1 128.5	-66.9	-6.1
Film and video distribution	1996–97	66	1 341	973.9	3.1	0.3
Performing arts industries	1996–97	1 399	13 359	1 281.3	34.3	3.8

Source: various ABS publications

**22.1 SUMMARY OF PERSON TRIPS AND NIGHTS AWAY(a),
By State/Territory of Origin—1998**

State/Territory of origin	Estimated population as at 30 June 1998(b) '000	Person trips '000	Average trips per person	Total nights away '000	Average nights away per person trip
New South Wales	5 025	25 251	5	96 533	4
Victoria	3 711	19 786	5	73 215	4
Queensland	2 712	13 069	5	54 605	4
South Australia	1 191	5 176	4	22 982	4
Western Australia	1 435	6 133	4	28 005	5
Tasmania	370	1 842	5	7 579	4
Northern Territory	140	681	5	4 026	6
Australian Capital Territory	243	1 874	8	6 509	3
Australia	14 827	73 811	5	293 456	4

(a) For persons aged 15 years and over. (b) Population aged 15 years and over.

Source: National Visitor Survey, Bureau of Tourism Research.

22.2 OVERSEAS ARRIVALS AND DEPARTURES

Year	Inbound visitors no.	Change(a) %	Australian residents travelling abroad no.	Change %
1992	2 603 270	9.8	2 276 260	8.4
1993	2 996 220	15.1	2 267 080	-0.4
1994	3 361 720	12.2	2 354 310	3.8
1995	3 725 830	10.8	2 518 620	7.0
1996	4 164 830	11.8	2 731 970	8.5
1997	4 317 870	3.7	2 932 760	7.3
1998	4 167 210	-3.5	3 161 060	7.8

(a) From previous year.

Source: *Overseas Arrivals and Departures, Australia (3401.0)*.

22.3 INBOUND VISITORS, By Country/Region of Residence and Main Purpose of Trip—1998

Country/region of residence	Main purpose of trip							Total visitors '000	Change on 1997 %
	Convention/conference '000	Business '000	Visiting friends/relatives '000	Holiday '000	Employment '000	Educ-ation '000	Other and not stated '000		
New Zealand	20.5	108.8	198.4	308.3	7.9	4.1	61.3	709.4	3.5
Other Oceania	4.5	10.2	27.1	53.3	0.5	6.4	25.7	127.6	9.1
Germany	2.1	9.4	19.3	85.2	0.8	3.2	7.4	127.4	-1.2
United Kingdom	5.0	36.8	202.3	208.9	9.3	2.8	33.6	498.6	21.4
Other Europe	11.3	33.1	71.3	154.1	3.3	9.7	42.8	325.6	-2.7
Indonesia	1.8	6.9	15.2	38.4	1.1	14.7	15.0	93.0	-42.0
Malaysia	2.9	8.0	21.5	56.8	0.6	10.3	12.0	112.1	-22.0
Singapore	4.9	25.0	29.5	158.8	0.9	11.5	16.6	247.1	3.2
Hong Kong (SAR of China)	2.6	13.9	29.5	78.0	0.4	9.6	9.4	143.4	-5.5

...continued

22.3 INBOUND VISITORS, By Country/Region of Residence and Main Purpose of Trip—1998—continued

Country/region of residence	Main purpose of trip							Total visitors '000	Change on 1997 %
	Convention/conference '000	Business '000	Visiting friends/relatives '000	Holiday '000	Employment '000	Educ-ation '000	Other and not stated '000		
Japan	4.1	27.2	19.3	626.1	2.6	12.8	59.0	751.1	-7.7
Korea	2.5	7.4	14.3	28.5	0.3	6.9	6.8	66.7	-71.5
Taiwan	1.2	6.2	8.3	109.8	0.3	6.9	17.3	150.0	-2.1
Other Asia	11.3	40.7	49.1	70.9	2.2	18.4	33.8	226.3	-2.4
United States of America	18.9	75.1	75.8	158.0	3.7	11.4	31.0	373.9	13.4
Other America	4.6	9.7	28.7	41.6	1.3	3.7	10.2	99.7	10.2
Middle East and North Africa	1.4	3.6	10.8	17.2	0.3	0.9	8.0	42.1	16.6
Other Africa	2.1	8.2	22.1	24.6	0.7	1.4	11.7	70.9	26.1
Not stated	0.0	0.1	0.1	0.2	0.0	0.1	2.0	2.5	210.0
Total	101.6	430.4	842.4	2 218.5	36.0	134.8	403.4	4 167.2	-3.5

Source: Overseas Arrivals and Departures, Australia (3401.0).

**22.4 AVERAGE VISITOR EXPENDITURE, By Country/Region of Residence
and Expenditure Item—1998**

Country/region of residence	Items of expenditure								Total \$
	Package tours \$	Prepaid inter- national airfares \$	Trans- port \$	Food, drink and accomm- odation \$	Shopping \$	Entertain- ment and gambling \$	Educat- ion fees \$	Other \$	
New Zealand	339	524	122	418	331	52	7	67	1 860
Germany	1 630	1 576	601	1 256	386	72	34	177	5 732
United Kingdom	1 108	1 858	334	1 124	393	105	7	130	5 060
Other Europe	1 174	1 701	437	1 347	455	116	175	212	5 617
Indonesia	144	728	312	1 168	646	215	1 284	673	5 170
Malaysia	200	531	180	697	438	171	833	183	3 233
Singapore	416	526	165	778	547	120	613	297	3 462
Hong Kong (SAR China)	600	839	251	896	499	255	473	222	4 034
Japan	2 219	225	83	370	619	63	138	61	3 778
Korea	411	625	325	1 209	560	343	898	243	4 614
Taiwan	1 635	325	129	523	602	95	372	130	3 811
Thailand	258	585	241	1 002	562	251	855	258	4 012

...continued

22.4 AVERAGE VISITOR EXPENDITURE, By Country/Region of Residence and Expenditure Item—1998—continued

Country/region of residence	Items of expenditure								Total \$
	Package tours \$	Prepaid international airfares \$	Transport \$	Food, drink and accommodation \$	Shopping \$	Entertainment and gambling \$	Educational fees \$	Other \$	
China	1 144	803	368	1 275	810	309	898	683	6 290
Other Asia	281	1 160	269	854	595	101	554	177	3 991
USA	1 506	2 229	347	1 022	377	126	97	185	5 889
Canada	828	2 000	405	1 156	389	117	42	161	5 098
Other countries	391	1 489	247	785	536	111	352	271	4 182
All countries	1 071	1 036	242	801	480	110	243	170	4 153

Source: International Visitor Survey, Bureau of Tourism Research.

22.5 TOURIST ACCOMMODATION(a)—1998

Accommodation type	Unit	Quarter ended				Year ended December 1998
		March	June	September	December	
Licensed hotels with facilities(b)						
Establishments	no.	750	750	751	747	747
Guest rooms	no.	69 124	70 019	70 414	70 802	70 802
Bed spaces	no.	185 113	186 675	190 182	191 147	191 147
Room occupancy rates	%	61.6	57.5	62.5	64.5	61.6
Bed occupancy rates	%	37.4	34.9	38.4	39.2	37.5
Gross takings from accommodation	\$'000	505 731	458 529	515 942	550 378	2 030 580
Motels and guest houses with facilities(b)						
Establishments	no.	2 377	2 376	2 387	2 386	2 386
Guest rooms	no.	83 427	83 402	84 322	84 701	84 701
Bed spaces	no.	249 154	249 467	250 991	252 044	252 044
Room occupancy rates	%	53.9	52.0	54.4	54.7	53.7
Bed occupancy rates	%	32.2	30.2	32.3	32.3	31.7
Gross takings from accommodation	\$'000	314 800	301 598	334 949	331 903	1 283 251

For footnotes see end of table.

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22.5 TOURIST ACCOMMODATION(a)—1998—continued

Accommodation type	Unit	Quarter ended				Year ended December 1998
		March	June	September	December	
Serviced apartments(b)						
Establishments	no.	482	502	522	552	552
Guest rooms	no.	21 643	22 671	24 332	26 558	26 558
Bed spaces	no.	77 423	80 897	85 570	93 563	93 563
Room occupancy rates	%	62.4	55.6	63.2	60.6	60.5
Bed occupancy rates	%	38.3	33.3	38.9	37.5	37.0
Gross takings from accommodation	\$'000	134 968	120 958	147 171	160 874	563 970
Total hotels, motels and serviced apartments(b)						
Establishments	no.	3 609	3 628	3 660	3 685	3 685
Guest rooms	no.	174 194	176 092	179 068	182 061	182 061
Bed spaces	no.	511 690	517 039	526 743	536 754	536 754
Room occupancy rates	%	58.0	54.6	58.7	59.4	57.7
Bed occupancy rates	%	35.0	32.4	35.6	35.7	34.7
Room nights occupied	'000	9 056	8 725	9 639	9 904	37 325
Gross takings from accommodation	\$'000	955 499	881 085	998 062	1 043 155	3 877 800

(a) Comprising establishments with 15 or more rooms or units. (b) For definitions see the source below.

Source: *Tourist Accommodation, Australia, December quarter 1998* (8635.0).

**23.1 LENGTHS OF ROADS OPEN FOR GENERAL TRAFFIC,
By Road Surface and State/Territory—At 30 June**

Surface of roads	NSW(a) 1999 km	Vic.(b) 1999 km	Qld 1997 km	SA 1999 km	WA(c) 1999 km	Tas. 1999 km	NT(d) 1999 km	ACT 1999 km
Bitumen or concrete	88 553	73 795	66 130	27 117	48 154	10 143	6 638	2 490
Gravel, crushed stone or other improved surface	92 746	52 002	50 807	40 939	55 824	12 817	7 888	133
Formed only	(e)	29 658	44 949	20 926	27 776	700	7 082	—
Cleared only	n.a.	(f)	15 131	7 470	14 321	(f)	9 580	—
Total	181 299	155 455	177 017	96 452	146 075	23 660	31 188	2 623

(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) Excludes roads managed by local government bodies. Approximately 1,000 kilometres of roads were transferred to NT Government as Aboriginal Strategic Roads from 1 July 1997. (e) Included in gravel, crushed stone or other improved surface. (f) Included with Formed only.

Source: Derived mainly from Road and Traffic Authorities and local government sources in each State and Territory.

23.2 MOTOR VEHICLE CENSUS—31 October 1998

State/Territory	Passenger vehicles(a) '000	Light commercials '000	Trucks			Buses '000	Total(b) '000	Motor cycles '000
			Rigid '000	Articulated '000	Non-freight carrying '000			
NSW	2 967.4	481.6	108.5	16.8	3.3	16.5	3 594.1	88.5
Vic.	2 581.8	390.8	85.0	17.3	5.6	14.5	3 095.1	82.3
Qld	1 685.7	377.9	66.3	12.4	2.8	13.5	2 158.6	70.3
SA	839.6	125.3	26.6	5.9	1.8	3.9	1 003.2	27.9
WA	1 010.7	209.8	45.2	7.3	2.7	9.5	1 285.3	41.9
Tas.	240.3	59.7	9.8	1.5	0.9	2.2	314.5	8.2
NT	66.9	24.3	3.2	0.8	0.2	2.9	98.3	3.9
ACT	168.1	17.1	2.4	0.3	0.1	1.0	188.9	5.8
Aust.	9 560.6	1 686.4	347.2	62.3	17.5	64.0	11 737.9	328.8

(a) Includes campervans. (b) Excludes motor cycles, tractors, plant and equipment, caravans and trailers.

Source: *Motor Vehicle Census, Australia* (9309.0).

23.3 REGISTRATIONS OF NEW MOTOR VEHICLES, Australia

Year	Passenger vehicles(a) no.	Light commercial vehicles(b) no.	Trucks				Buses no.	Total (excludes motor cycles) no.	Motor cycles no.
			Rigid no.	Articulated no.	Non-freight carrying(c) no.				
1994-95	528 502	88 840	11 392	4 815	867	4 493	638 909	20 505	
1995-96	531 778	86 666	9 726	2 909	1 074	4 376	636 529	22 345	
1996-97	557 962	88 204	9 470	3 145	1 099	3 972	663 852	22 842	
1997-98	654 697	96 762	11 387	4 006	1 247	3 746	771 845	26 765	
1998-99	671 513	103 568	13 182	3 973	1 194	3 636	797 066	30 070	

(a) Formerly described as motor cars and station wagons. From 1 July 1991 includes forward control passenger vehicles of less than 10 seats. (b) Combination of utilities and panel vans. From 1 July 1991 includes cab chassis vehicles 3.5 tonnes gross vehicle mass or less. (c) Formerly 'Other truck type vehicles'.

Source: *New Motor Vehicle Registrations, Australia, Preliminary (9301.0) and unpublished statistics.*

23.4 ROAD TRAFFIC FATALITIES, By State/Territory—1998

State/Territory	Number	Persons killed	
		Per 100,000 population(a)	Per 10,000 motor vehicles registered(b)
New South Wales	560	8.8	1.5
Victoria	391	8.4	1.2
Queensland	279	8.1	1.3
South Australia	168	11.3	1.6
Western Australia	226	12.3	1.7
Tasmania	48	10.2	1.5
Northern Territory	69	36.3	6.8
Australian Capital Territory	22	7.0	1.1
Australia	1 763	9.4	1.5

(a) Estimated resident population at 30 June 1998. (b) Number of registered motor vehicles and motor cycles (excluding tractors, plant and equipment) at 31 October 1998.

Source: *Road Statistics Data—Federal Office of Road Safety, Road Fatalities Australia, 1998*; *Population Data—Estimated Resident Population, Australia, June 1998 (3201.0)*; *Registered Vehicle Data—Motor Vehicle Census, Australia, 31 October 1998 (9309.0)*.

23.5 RAIL PASSENGER OPERATIONS 1997-98(a)

	NSW	Vic.	Qld	SA	WA	GSR(b)	Tourism(c)	Aust.
Passengers('000)								
Urban	268 500	229 789	41 500	7 983	28 300	—	—	576 072
Non-urban	1 800	6 694	843	—	250	250	300	10 137
Total	270 300	236 483	42 343	7 983	28 550	250	300	586 209
Revenue (\$'000)								
Urban	370 300	257 000	68 438	n.a.	108 500	—	—	n.a.
Non-urban	63 700	30 000	45 236	—	n.a.	n.a.	n.a.	n.a.
Total	434 000	287 000	113 674	n.a.	n.a.	n.a.	n.a.	n.a.

(a) Includes tram and light rail. (b) Great Southern Railway operates the 'Overland', 'Ghan' and 'Indian Pacific' interstate passenger services Melbourne-Adelaide, Melbourne-Alice Springs and Sydney-Perth. (c) Tourist and historic rail operations.

Source: Australasian Railway Association Inc.

23.6 SHIPS REGISTERED(a) IN AUSTRALIA—30 June 1999

Location	Nature of registration					Total no.
	Recreational no.	Fishing no.	Government no.	Demise chartered(b) no.	Commercial and trading(c) no.	
New South Wales	1 682	291	4	7	237	2 221
Victoria	621	203	—	2	99	925
Queensland	1 517	734	19	9	373	2 652
South Australia	280	309	1	—	40	630
Western Australia	583	410	—	2	142	1 137
Tasmania	233	214	2	—	56	505
Northern Territory	258	61	1	—	23	343
Australia	5 174	2 222	27	20	970	8 413

(a) Australian-owned commercial or trading ships of 24 metres or more in tonnage length. All ships, regardless of tonnage length, must be registered before departing on a voyage from Australia or from a foreign port where there is an Australian diplomatic representative. (b) These ships are not necessarily engaged in trade or commerce.

(c) Relates to ships used for trading and commercial purposes. Some of these ships are less than 24 metres in tonnage length.

Source: Australian Maritime Safety Authority.

23.7 PASSENGER TRAFFIC THROUGH AUSTRALIAN INTERNATIONAL AIRPORTS—Year ended December

Airport	1996 no. of passengers	1997 no. of passengers	1998 no. of passengers
Sydney	6 477 744	6 840 696	6 934 052
Melbourne	2 193 309	2 373 135	2 489 495
Brisbane	2 192 110	2 294 900	2 251 240
Perth	1 292 127	1 399 514	1 434 077
Cairns	719 396	745 110	688 058
Adelaide	205 863	208 890	223 035
Darwin	147 888	171 319	177 773
Norfolk Island	14 797	16 176	15 704
Coolangatta(a)	463	13 822	14 519
Christmas Island(b)	14 513	3 895	2 712
Hobart	5 103	3 689	2 690
Port Hedland	1 536	3 209	4 398
Broome(c)	2 338	260	—
Townsville(d)	—	240	416
Total	13 267 187	14 074 855	14 238 169

(a) International operations commenced in December 1996. (b) International operations commenced in November 1993, ceased in February 1997, and recommenced in October 1997. (c) International operations commenced in January 1996, and ceased in February 1997. (d) International operations ceased in October 1994, and recommenced in May 1997.

Source: Department of Transport and Regional Services.

23.8 DOMESTIC AIRLINE ACTIVITY

	Unit	1993-94	1994-95	1995-96	1996-97	1997-98
Domestic airlines						
Hours flown	no.	398 337	437 793	454 365	445 567	439 848
Aircraft departures	no.	477 316	505 580	507 212	484 072	478 466
Total revenue passengers(a)	no.	21 302 395	22 789 674	23 678 307	23 375 317	23 574 788
Cargo on board(b)	tonne	163 135	169 446	172 761	190 680	192 770
Passenger kilometres performed	'000	22 674 835	24 625 411	26 191 426	26 357 069	26 774 140
Cargo tonne kilometres(b)	'000	198 281	204 903	207 760	233 659	2 383 990
Total tonne kilometres	'000	2 239 017	2 421 190	2 564 988	2 605 795	2 648 072
Seat kilometres available	'000	29 660 834	33 129 881	35 639 503	35 402 870	35 466 723
Revenue passenger load factor	%	76.4	74.3	73.5	74.4	75.5
Revenue weight load factor	%	61.1	59.0	57.8	58.2	58.7
Regional airlines						
Total revenue passengers(a)	no.	3 504 101	3 783 244	4 160 984	(c)4 712 143	(c)4 844 077
Cargo on board(b)	tonne	2 807	2 804	2 782	(c)2 983	(c)3 122

(a) The unit of measurement is traffic on board (which includes transit traffic). (b) Includes freight and mail.

(c) Provisional data include estimates.

Source: Department of Transport and Regional Services.

24.1 COMMUNICATION SERVICES INDUSTRIES, Structure and Performance

Selected technologies	Unit	1995-96	1996-97	1997-98
Industry structure				
Operating businesses	no.	2 824	3 694	5 222
Employment	'000	138	126	120
Income statement				
Sale of goods and services	\$m	21 709	23 723	24 973
Less cost of sales	\$m	9 314	11 141	10 718
<i>Trading profit</i>	\$m	12 395	12 582	14 256
Plus interest	\$m	179	171	141
Plus other operating income	\$m	624	79	293
Less labour costs	\$m	6 298	6 612	6 175
Less depreciation	\$m	2 793	3 028	3 092
Less other operating expenses	\$m	144	443	437
<i>Earnings before interest and tax</i>	\$m	3 963	2 749	4 987
Less interest expenses	\$m	724	743	942
<i>Operating profit before tax</i>	\$m	3 239	2 006	4 045

For footnotes see end of table.

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**24.1 COMMUNICATION SERVICES INDUSTRIES,
Structure and Performance—continued**

Selected technologies	Unit	1995–96	1996–97	1997–98
Total assets	\$m	34 432	37 989	38 166
Total liabilities	\$m	17 756	23 628	23 113
<i>Net worth</i>	<i>\$m</i>	<i>16 676</i>	<i>14 361</i>	<i>15 053</i>
Capital expenditure	\$m	6 261	5 369	5 362
Gross operating surplus	\$m	6 625	8 893	12 480
Industry gross product(a)	\$m	12 923	15 505	..
Industry value added(a)	\$m	..	..	18 655

(a) Starting with estimates for 1997–98, under the new international standard, the 1993 edition of the System of National Accounts (SNA93), the contribution to GDP by industries is measured by 'industry value added' (IVA). Estimates for IVA measure the value added by an industry to the intermediate inputs used by that industry. Previously the corresponding contribution to GDP was measured by the variable 'industry gross product' (IGP). Further information on the changes to international standards can be found in the Information Paper: Implementation of Revised International Standards in the Australian National Accounts (5251.0).

Source: *Business Operations and Industry Performance, Australia, Preliminary (8140.0)*.

**24.2 BUSINESS INDICATORS, By Telecommunication Services
Sub-industry—1996–97**

	Units	Carriers	Internet service providers	Other service providers (including agents/dealers)	Total
Businesses at 30 June 1997	no.	3	306	102	411
Income					
Income from telecommunication services					
Voice services	\$m	9 365.7	—	1 106.2	10 471.9
Mobile services	\$m	3 401.4	—	453.1	3 854.4
Internet services	\$m	30.5	151.2	1.7	183.5
Data services and other telecommunication services	\$m	2 315.2	1.3	196.6	2 513.2
<i>Total</i>	<i>\$m</i>	<i>15 112.8</i>	<i>152.6</i>	<i>1 757.7</i>	<i>17 023.0</i>
Commission income	\$m	—	—	76.2	76.3
Income from rebates/incentives	\$m	—	—	57.5	57.5
Rent, leasing and hiring income	\$m	2 260.2	0.2	88.8	2 349.3
Other income	\$m	1 179.0	7.6	234.5	1 421.1
<i>Total income</i>	<i>\$m</i>	<i>18 552.0</i>	<i>160.4</i>	<i>2 214.7</i>	<i>20 927.2</i>
Total expenses	\$m	16 621.7	192.8	2 643.7	19 458.2
Operating profit before tax	\$m	1 934.9	-32.4	-429.7	1 472.8
Operating profit margin	%	10.5	-20.7	-19.7	7.1
Industry gross product	\$m	12 263.7	20.3	-49.6	12 234.4

Source: Telecommunication Services, Australia (Preliminary) (8148.0).

24.3 AUSTRALIAN POSTAL CORPORATION, Consolidated Financial Statement

	1996-97	1997-98	1998-99
	\$m	\$m	\$m
Revenue	3 123.6	3 300.3	3 448.7
Expenditure	2 787.0	2 923.9	3 074.4
Operating profit before abnormals and tax	353.1	335.2	373.0
Dividends	219.9	215.1	148.7
Total taxes and government charges(a)	307.6	294.6	309.5
Cost of Universal Service Obligations(b)	67.0	71.0	70.0
Total assets(c)	2 588.6	2 735.8	2 853.5
	%	%	%
Return on assets(d)	15.1	13.4	14.6

(a) Includes sales tax and customs duty, payroll tax, local government taxes and charges, federal excise duty, and fringe benefits tax. (b) The Universal Service Obligation ensures that all Australians have reasonable access to the letter service; this includes the delivery of standard letters by ordinary post at a uniform price even when the delivery cost is higher. (c) At 30 June of the financial years shown. (d) Operating profit before net interest and income tax divided by average total assets.

Source: Australian Postal Corporation

24.4 AUSTRALIAN POSTAL CORPORATION, Total Postal Articles Handled

	1994-95	1995-96	1996-97	1997-98	1998-99
	million	million	million	million	million
Posted in Australia for delivery in Australia	3 529.9	3 733.7	3 888.1	4 046.1	4 188.0
Posted in Australia for delivery overseas	146.4	159.1	157.3	165.1	168.6
Posted overseas for delivery in Australia	151.4	154.6	160.3	160.8	164.2
Total articles through mail network	3 827.7	4 047.4	4 205.7	4 372.0	4 520.8

Source: Australian Postal Corporation.

25.1 EXPENDITURE ON R&D, By Sector

	1993-94	1994-95	1995-96	1996-97	1997-98
	\$m	\$m	\$m	\$m	\$m
Business	3 119.2	3 508.3	4 343.1	4 200.2	4 043.8
General government					
Commonwealth	n.a.	1 196.7	n.a.	1 265.6	n.a.
State	n.a.	785.9	n.a.	824.6	n.a.
Total	n.a.	1 982.6	n.a.	2 090.2	n.a.
Higher education(a)	n.a.	1 829.6	2 039.1	2 307.6	n.a.
Private non-profit	n.a.	155.7	n.a.	171.4	n.a.
Total	n.a.	7 476.2	n.a.	8 769.4	n.a.

(a) Data for the calendar year ending within the financial year shown.

Source: *Research and Experimental Development, Business Enterprises, Australia (8104.0)*; *Research and Experimental Development, Higher Education Organisations, Australia (8111.0)*; *Research and Experimental Development, All Sector Summary, Australia (8112.0)*.

**25.2 EXPENDITURE ON R&D AS A PERCENTAGE OF GDP,
OECD Countries—1996–97**

Country	Business %	Government %	Higher education %	Total(a) %
Japan	2.01	0.27	0.42	2.83
Korea	2.04	0.45	0.26	2.79
Switzerland	1.94	0.07	0.67	2.74
United States	1.92	0.23	0.39	2.62
Finland	1.71	0.41	0.47	2.58
France	1.43	0.47	0.39	2.32
Germany	1.51	0.35	0.42	2.29
Netherlands	1.10	0.37	0.60	2.09
Denmark	1.25	0.32	0.42	2.01
United Kingdom	1.26	0.28	0.38	1.94
Australia	0.80	0.40	0.45	1.68
Canada	0.99	0.26	0.36	1.63
Iceland	0.47	0.62	0.36	1.51
Czech Republic	0.64	0.33	0.09	1.07
Italy	0.56	0.22	0.25	1.03
Spain	0.42	0.16	0.28	0.87
Poland	0.31	0.24	0.21	0.76
Hungary	0.29	0.19	0.16	0.66
Turkey	0.12	0.05	0.28	0.45

(a) Includes private non-profit.

Source: *Main Science and Technology Indicators 1998—2*, OECD, Paris, 1999.

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25.3 BUSINESSES, R&D Resources by Industry of Business

Industry of business	Businesses	Expenditure on R&D	Effort on R&D
	1997-98	1997-98	1997-98
	no.	\$m	'000 person years
Mining (including services to mining)	104	392	1.0
Manufacturing			
Food, beverage and tobacco	147	179	1.1
Textile, clothing, footwear and leather	55	22	0.2
Wood and paper product	37	117	0.3
Printing, publishing and recorded media	39	19	0.2
Petroleum, coal, chemical and associated product	307	308	2.3
Non-metallic mineral product	61	72	0.5
Metal product	182	334	1.4
Motor vehicle and part and other transport equipment	122	436	2.7
Photographic and scientific equipment	95	93	0.9
Electronic and electrical equipment and appliance	326	442	2.9
Industrial machinery and equipment	245	123	1.2
Other manufacturing	73	36	0.2
<i>Total manufacturing</i>	<i>1 689</i>	<i>2 182</i>	<i>13.7</i>
Total other industries	1 402	1 470	9.8
Total all industries	3 195	4 044	24.4

Source: Research and Experimental Development, Business Enterprises, Australia (8104.0).

25.4 BARRIERS TO STARTING TECHNOLOGICAL INNOVATION—1996–97

Barrier	Business size			All %
	Small %	Medium %	Large %	
Potential market already dominated	33.8	48.2	56.2	35.6
Current economic climate	39.4	49.9	45.8	40.6
Market too small or unknown	28.1	46.3	54.7	30.4
Innovation project too large	16.5	27.4	34.0	17.9
Excessive risk perceived by business/parent company	30.3	47.1	64.7	32.6
Excessive risk perceived by financiers/investors	17.9	33.0	26.3	19.6
Insufficient funds to recruit staff	30.2	25.4	17.6	29.5
Lack of appropriate sources of finance	32.5	35.0	19.6	32.6
Insufficient retained earnings	36.0	37.7	24.6	36.0
Government standards and regulations	29.5	37.6	37.6	30.5
Government policy and taxation	40.3	43.7	43.4	40.7

Source: *Innovation in Manufacturing, Australia (8116.0)*.

25.5 BUSINESS PERFORMANCE, Effects of Innovation Activity—1996–97

Aspect affected	Proportion of technological innovators	
	Decrease %	Increase %
Employment levels		
Management	*3.0	12.5
Research	0.3	6.8
Technical	0.5	12.7
Production	6.3	32.7
Marketing	*1.9	12.6
Administration	3.0	12.9
External consultants	0.9	9.8
Production activities		
Production levels	2.1	61.4
Cleaner production process	**0.8	26.6
Labour usage	16.7	28.8
Materials consumption	9.8	37.4
Energy consumption	8.2	30.0
Wastage	21.1	15.0
Capital utilisation	*2.3	32.8
Maintenance support	3.9	16.9
Profitability	7.3	38.1

Source: *Innovation in Manufacturing, Australia (8116.0)*.

26.1 FINANCIAL ASSETS OF FINANCIAL INSTITUTIONSDepository Corporations

At 30 June	Reserve Bank \$b	Banks \$b	Other \$b	Life insurance corporations \$b	Pension funds \$b	Other insurance corporations \$b	Central borrowing authorities \$b	Financial inter- mediaries nec \$b	Consol- idated total \$b
1995	36.6	434.0	134.4	127.4	177.1	37.1	115.7	77.5	851.0
1996	35.6	478.6	146.1	130.6	207.2	47.8	100.7	93.7	928.1
1997	49.1	534.6	155.7	149.9	257.0	51.6	92.7	119.6	1 043.8
1998	45.1	586.4	171.7	158.3	300.5	58.6	96.7	161.2	1 148.2
1999	44.6	654.7	176.6	168.0	343.4	59.0	96.5	150.5	1 229.1

Source: Australian National Accounts: Financial Accounts (5232.0).

26.2 PENSION FUNDS, Financial Assets

	June 1997 \$m	June 1998 \$m	June 1999 \$m
Currency and deposits	17 359	22 919	25 380
Bills of exchange	4 990	5 225	6 471
One name paper	7 076	7 879	10 969
Bonds	22 428	29 728	30 360
Loans and placements	10 346	12 029	12 987
Equities	121 679	138 158	156 747
Unfunded superannuation claims	3 514	4 818	6 095
Net equity of pension funds in life office reserves	65 023	76 040	90 098
Other accounts receivable	4 619	3 753	4 219
Total	257 034	300 549	343 398

Source: Joint ABS/ISC Survey.

26.3 DEMAND FOR CREDIT

	Net transactions during year		
	1995-96	1996-97	1997-98
	\$m	\$m	\$m
Funds (including equity) raised on conventional credit markets by			
Private non-financial corporations	51 336	45 188	50 190
National public non-financial corporations	-592	1 870	11 022
State and local public non-financial corporations	-3 696	-1 779	-976
National general government	12 418	-475	-1 843
State and local general government	-7 527	-3 767	-98
Households	30 614	28 958	41 576
Total	82 553	69 995	83 283

Note: Positive numbers indicate an increase in borrowings. Negative numbers indicate debt repayment.

Source: *Australian National Accounts: Financial Accounts (5232.0)*.

26.4 BANK RETAIL DEPOSIT AND LENDING RATES

	June 1997 % p.a.	June 1998 % p.a.	June 1999 % p.a.
Bank deposit rates			
Six month fixed deposit	4.65	4.15	3.70
Cash management accounts(a)	3.70	3.20	2.90
Bank lending rates			
Housing loans—variable	7.20	6.70	6.50
Small business loans—variable	9.50	7.70	7.45
Credit cards	16.00	15.30	15.30

(a) Accounts from \$20,000 to less than \$100,000.

Source: Reserve Bank of Australia Bulletin.

26.5 FINANCIAL INSTITUTIONS, Lending Commitments

Type of lending activity	1996-97 \$m	1997-98 \$m	1998-99 \$m
Housing finance	49 978	54 663	61 471
Personal finance	35 568	42 921	46 576
Commercial finance	154 537	172 489	171 979
Lease finance	7 378	8 983	9 486
Total	247 461	279 056	289 512

**27.1 ALL AUSTRALIAN GOVERNMENTS AND UNIVERSITIES,
General Government**

Economic transactions	1995-96 \$m	1996-97 \$m	1997-98 \$m
Outlays	171 126	179 384	182 815
Revenue	163 926	177 327	185 643
Financing and deficit measures	7 201	2 057	-2 828
Less increase in provisions (net)	1 042	954	1 245
Deficit (+) or surplus (-)	8 242	3 011	-1 583
Of which			
Current deficit(a)	-6 000	-12 600	-15 150
Capital deficit(b)	14 242	15 611	13 567

(a) Current outlays minus current revenues and current grants received less increase in provisions. (b) Capital outlays less capital revenues and capital grants received.

Source: *Government Finance Statistics, Australia, 1997-98 (5512.0)*.

27.2 TAXES OF ALL LEVELS OF GOVERNMENT

Type of tax	1995-96 \$m	1996-97 \$m	1997-98 \$m
Taxes on income	80 920	89 216	94 401
Employers' payroll taxes	9 861	10 523	10 936
Taxes on property	13 130	14 436	15 556
General taxes (sales tax)	12 970	13 293	14 085
Taxes on provision of goods and services	35 150	36 227	37 971
Taxes on use of goods and performance of activities	8 767	9 273	9 081
Total taxes(a)	147 828	159 675	167 945
Income taxes paid by public non financial enterprises	1 712	1 236	992

(a) Excludes income taxes paid by public non financial enterprises.

Source: *Government Finance Statistics, Australia, 1997-98 (5512.0)*.

**27.3 TOTAL OUTLAYS, ALL AUSTRALIAN GOVERNMENTS AND UNIVERSITIES,
Consolidated Government by Purpose(a)**

Purpose classification	1995-96 \$m	1996-97 \$m	1997-98 \$m
General public services	14 015	14 399	14 367
Defence	9 394	9 454	9 827
Public order and safety	6 415	7 053	7 324
Education	22 763	24 203	25 096
Health	27 294	28 819	31 541
Social security and welfare	49 280	52 451	53 401
Housing and community amenities	5 105	4 947	5 511
Recreation and culture	4 875	5 227	5 927
Fuel and energy	3 392	2 555	2 536
Agriculture, forestry and fishing	2 984	2 463	2 798
Mining, manufacturing and construction	730	718	718
Transport and communications	14 661	15 045	14 798
Other economic affairs	5 499	4 185	3 863
Public debt transactions	25 344	20 165	18 132
Other purposes	454	471	573
Total	192 205	192 155	196 412

(a) Due to transactions between sectors, consolidated totals are not always the sum of totals for the general government and public non-financial corporation sectors.

Source: *Government Finance Statistics, Australia, 1997-98 (5512.0)*.

**27.4 FINANCIAL ASSETS AND LIABILITIES FOR ALL LEVELS OF
GOVERNMENT—At 30 June**

	1996 \$m	1997 \$m	1998 \$m
Commonwealth Government			
General government			
Gross debt	115 374	116 120	99 499
Total cash, deposits and lending	19 543	19 839	16 513
Net debt	95 831	96 281	82 935
Unfunded employee entitlements	67 352	68 567	70 525
Public non-financial corporations			
Gross debt	11 293	11 861	11 688
Total cash, deposits and lending	3 545	3 500	3 216
Net debt	7 748	8 361	8 472
Unfunded employee entitlements	685	600	655
Public financial corporations			
Gross debt	97 999	44 934	37 980
Total cash, deposits, lending and international reserves	109 718	57 958	55 367
Net debt	-11 719	-13 024	-17 387
Unfunded employee entitlements	839	165	168

...continued

**27.4 FINANCIAL ASSETS AND LIABILITIES FOR ALL LEVELS OF
GOVERNMENT—At 30 June—continued**

	1996 \$m	1997 \$m	1998 \$m
Commonwealth Government—(continued)			
Consolidated government			
Gross debt	204 154	147 275	131 119
Total cash, deposits, lending and international reserves	112 294	55 658	57 099
Net debt	91 860	91 617	74 020
Unfunded employee entitlements	68 877	69 332	71 348
State and Territory Governments			
General government			
Gross debt	56 132	50 869	48 321
Total cash, deposits and lending	31 386	31 728	33 213
Net debt	24 746	19 141	15 108
Unfunded employee entitlements	55 027	55 240	55 999
Public non-financial corporations			
Gross debt	39 596	38 533	36 264
Total cash, deposits and lending	7 210	9 146	9 365
Net debt	32 387	29 387	26 899
Unfunded employee entitlements	5 679	4 533	4 169

...continued

**27.4 FINANCIAL ASSETS AND LIABILITIES FOR ALL LEVELS OF
GOVERNMENT—At 30 June—continued**

	1996 \$m	1997 \$m	1998 \$m
State and Territory Governments—(continued)			
Public financial corporations			
Gross debt	111 472	101 031	96 782
Total cash, deposits, lending and international reserves	119 343	113 384	109 864
Net debt	-7 871	-12 353	-13 083
Unfunded employee entitlements	76	252	280
Consolidated government			
Gross debt	106 446	101 494	97 502
Total cash, deposits, lending and international reserves	57 184	65 318	68 577
Net debt	49 262	36 176	28 924
Unfunded employee entitlements	60 781	60 025	60 448
Local Governments			
Consolidated government			
Gross debt	6 065	6 159	6 246
Total cash, deposits and lending	5 891	5 604	5 494
Net debt	174	554	752
Unfunded employee entitlements	n.a.	n.a.	n.a.

...continued

**27.4 FINANCIAL ASSETS AND LIABILITIES FOR ALL LEVELS OF
GOVERNMENT—At 30 June—continued**

	1996 \$m	1997 \$m	1998 \$m
Universities			
General government			
Gross debt	457	489	507
Total cash, deposits, lending and international reserves	3 313	3 291	3 692
Net debt	-2 856	-2 802	-3 185
Unfunded employee entitlements	2 543	2 621	2 382
Commonwealth, State, Territory and Local Consolidated government			
Consolidated government			
Gross debt	299 775	240 780	216 071
Total cash, deposits, lending and international reserves	161 336	115 234	115 560
Net debt	138 440	125 545	100 511
Unfunded employee entitlements	n.a.	n.a.	n.a.

Source: Government Finance Statistics, Australia, (5512.0).

28.1 CONSUMER PRICE INDEX, All Groups Index Numbers(a)(b)

Year	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart	Canberra	Darwin	Weighted average of eight capital cities
Index No.(c)									
1996-97	120.4	119.9	121.0	122.3	118.3	121.4	121.2	121.6	120.3
1997-98	120.5	119.8	121.6	121.6	118.0	121.3	120.4	121.3	120.3
1998-99	122.5	120.9	122.9	123.2	120.1	122.5	121.5	122.4	121.8
Change from previous year (%)									
1996-97	1.4	1.3	1.6	0.9	1.4	1.5	0.7	1.8	1.3
1997-98	0.1	-0.1	0.5	-0.6	-0.3	-0.1	-0.7	-0.2	0.0
1998-99	1.7	0.9	1.1	1.3	1.8	1.0	0.9	0.9	1.2

(a) Reference base year 1989-90 = 100.0. (b) The separate city indexes measure price movements within each city individually. They do not compare price levels between cities. (c) Index numbers for financial years are calculated as the simple arithmetic averages of the quarterly index numbers.

Source: *Consumer Price Index, Australia (6401.0)*.

28.2 CONSUMER PRICE INDEX, Group Index Numbers—Weighted Average of Capital Cities(a)

Heading	Index no.(b)			Change from previous year (%)		
	1996-97	1997-98	1998-99	1996-97	1997-98	1998-99
Food	119.7	121.8	126.5	3.2	1.8	3.9
Clothing	107.3	107.4	106.7	0.3	0.1	-0.7
Housing	101.6	94.5	95.8	-4.1	-7.0	1.4
Household equipment and operation	113.5	113.8	113.7	1.6	0.3	-0.1
Transportation	124.3	123.5	122.1	1.4	-0.6	-1.1
Tobacco and alcohol	161.4	164.6	168.7	3.4	2.0	2.5
Health and personal care	149.1	153.6	153.7	5.1	3.0	0.1
Recreation and education	119.7	123.6	126.2	1.7	3.3	2.1
All groups	120.3	120.3	121.8	1.3	0.0	1.2

(a) Reference base year 1989-90 = 100.0. (b) Index numbers for financial years are calculated as the simple arithmetic averages of the quarterly index numbers.

Source: *Consumer Price Index, Australia (6401.0)*.

28.3 CONSUMER PRICE INDEX, International Comparisons(a)(b)

Country	Index no.			Change since previous year		
	1996-97	1997-98	1998-99	1996-97	1997-98	1998-99
Australia	123.9	125.4	126.9	2.3	1.2	1.2
New Zealand(c)	113.7	114.9	116.9	1.6	1.1	1.7
Hong Kong (SAR China)	168.2	175.1	174.0	4.6	4.1	-0.6
Indonesia	174.1	232.7	368.3	6.4	33.7	58.3
Japan	108.2	112.4	112.4	0.8	3.9	0.0
Republic of Korea	151.3	162.1	169.0	4.8	7.1	4.3
Singapore	118.1	119.4	118.5	1.8	1.2	-0.8
Taiwan	125.7	127.2	128.2	2.6	1.2	0.8
Canada	118.8	120.6	122.0	2.4	1.5	1.2
United States of America	124.3	125.8	127.2	2.8	1.2	1.1
Germany	118.2	120.3	120.7	1.0	1.8	0.3
United Kingdom	131.5	134.6	137.2	2.5	2.4	1.9

(a) Reference base year 1989-90 = 100.0. (b) All groups excluding housing. (c) From March quarter 1994, the statistics for New Zealand refer to 'all groups excluding housing and credit services'.

Source: *Consumer Price Index (6401.0)*.

**28.4 PRICE INDEX OF MATERIALS USED IN HOUSE BUILDING,
Six State Capital Cities(a)(b)**

Year	Weighted average of six State capital cities	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart
1996-97	116.1	116.3	115.3	115.3	120.6	115.3	120.1
1997-98	118.2	119.7	117.1	117.1	123.3	115.9	121.0
1998-99	119.5	121.6	118.0	118.2	125.0	116.1	122.2

(a) Reference base year 1989-90 = 100.0. (b) The separate city indexes measure price movement within each city individually. They do not compare price levels between cities.

Source: *Price Index of Materials Used in House Building, Six State Capital Cities (6408.0)*.

**28.5 PRICE INDEX OF MATERIALS USED IN BUILDING OTHER THAN HOUSE
BUILDING, Six State Capital Cities(a)(b)**

Year	Weighted average of six State capital cities	Sydney	Melbourne	Brisbane	Adelaide	Perth	Hobart
1996-97	113.2	113.1	110.9	115.9	114.1	114.6	116.3
1997-98	114.2	114.4	111.4	117.2	115.1	114.6	117.4
1998-99	115.2	115.2	113.2	118.4	115.5	114.1	118.5

(a) Reference base year 1989-90 = 100.0. (b) The separate city indexes measure price movements within each city individually. They do not compare price levels between cities.

Source: *Price Index of Materials Used in Building Other than House Building, Six State Capital Cities (6407.0)*.

29.1 GROSS DOMESTIC PRODUCT, Chain volume measure(a)

Year	GDP \$m	GDP per capita \$m
1995-96	515 868	28 358
1996-97	532 204	28 948
1997-98	556 923	29 883

(a) Reference year 1996-97.

Source: *Australian National Accounts: National Income, Expenditure and Product (5206.0)*; *Australian System of National Accounts (5204.0)*.

**29.2 GROSS DOMESTIC PRODUCT ACCOUNT,
Current Prices—Annual**

	1995–96	1996–97	1997–98
	\$m	\$m	\$m
Final consumption expenditure			
General government	95 200	97 810	103 581
Households	301 571	312 935	332 311
<i>Total final consumption expenditure</i>	<i>396 771</i>	<i>410 745</i>	<i>435 892</i>
Gross fixed capital formation			
Private	89 822	98 730	111 015
Public	22 977	22 161	20 915
<i>Total gross fixed capital formation</i>	<i>112 799</i>	<i>120 891</i>	<i>131 930</i>
Changes in inventories	1 219	-1 217	2 413
<i>Gross national expenditure</i>	<i>510 789</i>	<i>530 419</i>	<i>570 235</i>
Exports of goods and services	99 095	105 330	114 203
less Imports of goods and services	101 078	103 545	118 510
Statistical discrepancy (expenditure-based)	0	0	-1 223
Gross domestic product	508 806	532 204	564 705

...continued

**29.2 GROSS DOMESTIC PRODUCT ACCOUNT,
Current Prices—Annual—continued**

	1995-96	1996-97	1997-98
	\$m	\$m	\$m
Compensation of employees	242 231	258 759	270 084
Gross operating surplus	156 214	159 672	173 878
Gross mixed income	51 158	52 024	54 217
<i>Total factor income</i>	<i>449 603</i>	<i>470 455</i>	<i>498 179</i>
Taxes less subsidies on production and imports	59 203	61 749	64 966
Statistical discrepancy (income-based)	0	0	1 560
Gross domestic product	508 806	532 204	564 705

Source: Australian System of National Accounts (5204.0).

29.3 NATIONAL INCOME ACCOUNT, Current Prices—Annual

	1995-96 \$m	1996-97 \$m	1997-98 \$m
Income			
Compensation of employees	242 231	258 759	270 084
Gross operating surplus	156 214	159 672	173 878
Gross mixed income	51 158	52 024	54 217
Taxes less subsidies on production and imports	59 203	61 749	64 966
Net primary income from non-residents	-19 874	-19 296	-18 794
<i>Gross national income</i>	488 932	512 908	544 351
Net secondary income from non-residents	54	-107	-165
Gross disposable income	488 986	512 801	544 186
Use of gross disposable income			
Final consumption expenditure			
General government	95 200	97 810	103 581
Households	301 571	312 935	332 311
<i>Total final consumption expenditure</i>	396 771	410 745	435 892
Net saving(a)	11 604	19 684	20 278
Consumption of fixed capital	80 611	82 372	88 016
Total use of gross disposable income	488 986	512 801	544 186

(a) Net saving is derived as a balancing item.

Source: Australian System of National Accounts (5204.0).

29.4 NATIONAL CAPITAL ACCOUNT, Current Prices—Annual

	1995-96 \$m	1996-97 \$m	1997-98 \$m
Net saving			
Non-financial corporations	6 533	2 048	4 268
Financial corporations	1 541	1 615	2 591
General government	-13 001	-3 361	2 062
Households	16 531	19 382	11 357
<i>Total net saving</i>	<i>11 604</i>	<i>19 684</i>	<i>20 278</i>
Consumption of fixed capital	80 611	82 372	88 016
Net capital transfers receivable from non-residents	1 049	1 323	1 097
Gross saving and capital transfers	93 264	103 379	109 391
Gross fixed capital formation			
Private	89 822	98 730	111 015
Public corporations	11 522	9 826	8 591
General government	11 455	12 335	12 324
<i>Total gross fixed capital formation</i>	<i>112 799</i>	<i>120 891</i>	<i>131 930</i>

...continued

29.4 NATIONAL CAPITAL ACCOUNT, Current Prices—Annual—continued

	1995-96 \$m	1996-97 \$m	1997-98 \$m
Changes in inventories			
Private non-farm	2 170	1 627	2 012
Farm and public authorities	-951	-2 844	401
<i>Total changes in inventories</i>	<i>1 219</i>	<i>-1 217</i>	<i>2 413</i>
Acquisitions less disposals of non-produced non-financial assets	-25	6	-30
Statistical discrepancy	0	0	-2 783
Net lending to non-residents	-20 729	-16 301	-22 139
Total capital accumulation and net lending	93 264	103 379	109 391

Source: Australian System of National Accounts (5204.0).

29.5 OVERSEAS TRANSACTIONS ACCOUNT, Current Prices—Annual

	1995-96 \$m	1996-97 \$m	1997-98 \$m
Income of non-residents			
Imports of goods and services	101 078	103 545	118 510
Primary income receivable			
Compensation of employees receivable	458	539	659
Property income receivable	26 550	27 305	28 230
<i>Total primary income receivable</i>	<i>27 008</i>	<i>27 844</i>	<i>28 889</i>
Secondary income receivable	3 238	3 604	3 925
Total income of non-residents	131 324	134 993	151 324
Capital transfers to non-residents	907	877	971
Use of income by non-residents			
Exports of goods and services	99 095	105 330	114 203
Primary income payable			
Compensation of employees payable	610	678	751
Property income payable	6 524	7 870	9 344
<i>Total primary income payable</i>	<i>7 134</i>	<i>8 548</i>	<i>10 095</i>
Secondary income payable	3 292	3 497	3 760
Balance on external current account	21 803	17 618	23 266
Total use of income by non-residents	131 324	134 993	151 324
Capital transfers from non-residents	1 956	2 200	2 068
Net lending to non-residents	-21 803	-17 618	-23 266

Source: Australian System of National Accounts (5204.0).

30.1 BALANCE OF PAYMENTS, Summary

	1996-97 \$m	1997-98 \$m	1998-99 \$m
Current account	-17 818	-22 776	-32 417
<i>Goods and services</i>	1 570	-4 746	-14 933
Credits	105 160	113 829	111 603
Debits	-103 590	-118 575	-126 536
<i>Goods</i>	1 496	-3 546	-12 860
Credits	80 934	88 538	85 655
Debits	-79 438	-92 084	-98 515
<i>Services</i>	74	-1 200	-2 073
Credits	24 226	25 291	25 948
Debits	-24 152	-26 491	-28 021
<i>Income</i>	-19 307	-17 955	-17 534
Credits	8 563	10 384	10 744
Debits	-27 870	-28 339	-28 278
<i>Current transfers</i>	-81	-75	50
Credits	3 497	3 976	4 093
Debits	-3 578	-4 051	-4 043

...continued

30.1 BALANCE OF PAYMENTS, Summary—continued

	1996-97 \$m	1997-98 \$m	1998-99 \$m
Capital and financial account	17 309	22 631	31 716
<i>Capital account</i>	1 317	1 127	1 197
Capital transfers	1 323	1 097	1 189
Credits	2 200	2 068	2 197
Debits	-877	-971	-1 008
Net acquisition/disposal of non-produced, non-financial assets	-6	30	8
<i>Financial account</i>	15 992	21 504	30 519
Direct investment	4 901	1 051	12 686
Abroad	-5 726	-6 405	-2 640
In Australia	10 627	7 456	15 326
Portfolio investment	16 084	15 996	7 827
Other investment	210	5 039	10 574
Reserve assets	-5 203	-582	-568
Net errors and omissions	509	145	701

Source: *Balance of Payments and International Investment Position, Australia (5302.0)*.

30.2 INTERNATIONAL TRADE IN SERVICES

	1996-97 \$m	1997-98 \$m	1998-99 \$m
Credits			
Services credits	24 226	25 291	25 948
Transportation services	6 648	6 720	6 885
Passenger	5 697	5 678	5 600
Freight	951	1 042	1 285
Other	n.p.	n.p.	n.p.
Travel services	11 756	11 499	11 782
Business	675	893	968
Personal	11 081	10 606	10 814
Communications services	947	1 378	1 140
Construction services	70	31	15
Insurance services	772	840	859
Financial services	634	713	716
Computer and information services	277	532	658
Royalties and licence fees	376	449	469
Other business services	1 882	2 224	2 456
Merchanting and other trade-related	436	481	527
Operational leasing	10	8	8
Miscellaneous business, professional and technical	1 436	1 735	1 921
Personal, cultural and recreational services	304	352	411
Government services n.e.i.	560	553	557

...continued

30.2 INTERNATIONAL TRADE IN SERVICES—continued

	1996-97 \$m	1997-98 \$m	1998-99 \$m
Debits			
Services debits	-24 152	-26 491	-28 021
Transportation services	-8 439	-9 125	-9 428
Passenger	-3 003	-3 224	-3 558
Freight	-4 373	-5 013	-5 005
Other	-1 063	-888	-865
Travel services	-7 769	-8 372	-8 884
Business	-2 286	-2 416	-2 160
Personal	-5 483	-5 956	-6 724
Communications services	-1 066	-1 407	-1 465
Construction services	0	0	0
Insurance services	-1 012	-915	-922
Financial services	-451	-442	-468
Computer and information services	-253	-336	-398
Royalties and license fees	-1 397	-1 519	-1 756
Other business services	-2 699	-3 003	-3 173
Merchanting and other trade-related	-362	-392	-359
Operational leasing	-814	-864	-1 009
Miscellaneous business, professional and technical	-1 523	-1 747	-1 805
Personal, cultural and recreational services	-547	-780	-894
Government services n.e.i.	-519	-592	-633

Source: *Balance of Payments and International Investment Position, Australia (5302.0)*.

30.3 INTERNATIONAL INVESTMENT POSITION

Net international investment position	Position at beginning of period \$m	Changes in position reflecting				Position at end of period \$m
		Transactions \$m	Price changes \$m	Exchange rate changes \$m	Other adjustments \$m	
Total						
1996-97	279 089	15 990	9 570	-2 313	776	303 112
1997-98	303 112	21 501	-4 027	1 568	-1 263	320 891
1998-99	320 891	30 520	3 922	619	-2 256	353 696
Equity						
1996-97	85 919	3 069	6 500	-3 418	-1 778	90 292
1997-98	90 292	19 930	-5 643	-10 555	-166	93 858
1998-99	93 858	21 402	6 792	4 370	-797	125 625
Debt						
1996-97	193 170	12 921	3 069	1 107	2 553	212 820
1997-98	212 820	1 572	1 616	12 122	-1 097	227 033
1998-99	227 033	9 118	-2 872	-3 751	-1 457	228 071

Source: *Balance of Payments and International Investment Position, Australia (5302.0)*.

30.4 LEVELS OF FOREIGN DEBT—At 30 June

	1996 \$m	1997 \$m	1998 \$m
Foreign assets(a)	-83 037	-93 728	-113 384
<i>Public sector</i>	-30 639	-31 045	-37 391
General government	-1 591	-2 771	-4 294
Financial corporations	-28 143	-26 853	-32 059
Reserve Bank	-18 444	-22 164	-23 999
Central Borrowing Authorities	-11	-8	-179
Other financial corporations	-9 688	-4 681	-7 881
Non-financial corporations	-905	-1 421	-1 037
<i>Private sector</i>	-52 398	-62 683	-75 993
Financial corporations	-37 999	-44 986	-56 956
Non-financial corporations	-14 399	-17 697	-19 037

For footnotes see end of table.

...continued

30.4 LEVELS OF FOREIGN DEBT—At 30 June—continued

	1996 \$m	1997 \$m	1998 \$m
Foreign liabilities(a)	276 207	306 548	340 417
<i>Public sector</i>	100 413	97 632	88 880
General government	39 046	43 849	40 580
Financial corporations	56 267	48 213	41 392
Reserve Bank	51	72	48
Central Borrowing Authorities	41 388	40 203	36 571
Other financial corporations	14 828	7 938	4 774
Non-financial corporations	5 100	5 570	6 908
<i>Private sector</i>	175 793	208 916	251 537
Financial corporations	113 494	144 635	177 994
Non-financial corporations	62 300	64 281	73 543

For footnotes see end of table.

...continued

30.4 LEVELS OF FOREIGN DEBT—At 30 June—continued

	1996 \$m	1997 \$m	1998 \$m
Net foreign debt	193 170	212 820	227 033
<i>Public sector</i>	69 775	66 587	51 489
General government	37 455	41 078	36 286
Financial corporations	28 125	21 360	9 333
Reserve Bank	-18 393	-22 092	-23 951
Central Borrowing Authorities	41 378	40 195	36 391
Other financial corporations	5 140	3 257	-3 107
Non-financial corporations	4 195	4 148	5 870
<i>Private sector</i>	123 396	146 233	175 544
Financial corporations	75 495	99 648	121 038
Non-financial corporations	47 900	46 585	54 506

(a) Foreign debt levels between direct investors and direct investment enterprises are recorded on a gross basis for assets and liabilities.

Source: *Balance of Payments and International Investment Position, Australia (5302.0)*.

**30.5 LEVELS OF AUSTRALIAN INVESTMENT ABROAD AND FOREIGN
INVESTMENT IN AUSTRALIA—At 30 June**

	1996 \$m	1997 \$m	1998 \$m
Levels of Australian investment abroad	-179 121	-209 141	-248 911
<i>Direct investment abroad(a)</i>	-64 939	-77 106	-90 878
Equity capital and reinvested earningsz	-65 706	-77 589	-91 305
Other capital	766	484	427
Claims on affiliated enterprises	-3 548	-4 483	-4 766
Liabilities to affiliated enterprises	4 314	4 967	5 193
<i>Portfolio investment assets</i>	-57 460	-69 940	-82 828
Equity securities	-38 250	-47 534	-55 303
Debt securities	-19 210	-22 406	-27 525
<i>Other investment assets</i>	-37 663	-39 305	-49 757
Trade credits	-6 720	-8 083	-10 030
Loans and other assets	-25 943	-26 433	-32 829
Currency and deposits	-5 000	-4 788	-6 899
<i>Reserve assets</i>	-19 059	-22 791	-25 448

For footnotes see end of table.

...continued

**30.5 LEVELS OF AUSTRALIAN INVESTMENT ABROAD AND FOREIGN
INVESTMENT IN AUSTRALIA—At 30 June—continued**

	1996 \$m	1997 \$m	1998 \$m
Levels of foreign investment in Australia	458 210	512 254	569 803
<i>Direct investment in Australia(b)</i>	136 394	150 221	155 730
Equity capital and reinvested earnings	116 308	128 153	134 939
Other capital	20 086	22 068	20 792
Claims on direct investors	-3 557	-4 743	-5 888
Liabilities to direct investors	23 642	26 811	26 679
<i>Portfolio investment liabilities</i>	261 817	301 470	338 542
Equity securities	73 566	87 263	105 528
Debt securities	188 251	214 208	233 015
<i>Other investment liabilities</i>	60 000	60 562	75 530
Trade credits	7 620	6 180	7 549
Loans	32 008	30 378	30 743
Currency and deposits	18 358	21 772	34 430
Other liabilities	2 014	2 232	2 807

(a) Net direct investment in Australia, after deduction of claims of Australian direct investment enterprises on direct investors. (b) Net direct investment in Australia, after deduction of claims of Australian direct investment enterprises on direct investors.

Source: *Balance of Payments and International Investment Position, Australia (5302.0)*.

30.6 MERCHANDISE EXPORTS AND IMPORTS, By Country

	1996-97		1997-98		1998-99	
	Exports \$m	Imports \$m	Exports \$m	Imports \$m	Exports \$m	Imports \$m
Asia Pacific Economic Co-operation (APEC)						
Australia (Re-imports)	..	224	..	344	..	333
Canada	1 178	1 265	1 276	1 436	1 274	1 547
China	3 584	4 203	3 872	5 303	3 945	6 106
Hong Kong (SAR of China)	3 105	900	4 138	1 031	3 068	1 229
Indonesia	3 305	1 864	2 751	2 868	2 200	3 272
Japan	15 377	10 241	17 582	12 660	16 587	13 586
Korea, Republic of	7 134	2 550	6 397	3 767	6 324	3 895
Malaysia	2 332	1 891	2 097	2 404	1 857	2 845
New Zealand	6 214	3 685	5 663	3 723	5 820	3 950
Papua New Guinea	1 272	1 091	1 152	768	1 012	781
Philippines	1 226	282	1 163	418	1 208	405
Singapore	3 410	2 620	3 697	2 643	3 421	2 947
Taiwan	3 620	2 522	4 180	2 809	4 198	2 979
Thailand	1 693	1 201	1 390	1 480	1 306	1 902
United States of America	5 526	17 642	7 794	19 834	7 982	20 893
Viet Nam	211	433	325	664	349	972
Other(a)	492	308	734	387	800	487
<i>Total</i>	<i>59 678</i>	<i>52 923</i>	<i>64 213</i>	<i>62 542</i>	<i>61 350</i>	<i>68 130</i>

For footnotes see end of table.

...continued

30.6 MERCHANDISE EXPORTS AND IMPORTS, By Country—continued

	1996-97		1997-98		1998-99	
	Exports \$m	Imports \$m	Exports \$m	Imports \$m	Exports \$m	Imports \$m
European Union (EU)						
Austria	21	423	32	458	44	474
Belgium-Luxembourg	923	760	1 154	739	1 082	661
Denmark	100	383	205	399	77	459
Finland	303	606	295	686	191	601
France	799	1 980	856	2 029	914	2 203
Germany	1 058	4 558	1 243	5 207	1 415	6 082
Greece	39	95	61	91	55	101
Ireland	53	498	66	830	173	1 000
Italy	1 354	2 304	1 752	2 614	1 562	2 916
Netherlands	584	817	829	847	863	918
Portugal	32	106	31	121	54	141
Spain	328	458	514	652	563	653
Sweden	220	1 497	157	1 557	160	1 576
United Kingdom	2 357	5 182	3 040	5 593	4 419	5 548
Total	8 171	19 666	10 236	21 824	11 574	23 334
Total other countries	11 083	6 409	13 320	6 318	13 076	6 159
Total	78 932	78 998	87 769	90 684	86 000	97 623

(a) APEC countries 'other' are; Brunei, Chile, Peru, Russian Federation and Mexico

Source: *International Trade database, August 1999.*

**30.7 MERCHANDISE IMPORTS OF SELECTED MAJOR
COMMODITIES—1998–99**

Published major commodities	\$m	%
Aircraft and associated equipment	2 451	2.5
Apparel and clothing accessories	2 459	2.5
Baby carriages, toys, games and sporting goods	1 096	1.1
Cars and other passenger motor vehicles (excl. public transport vehicles)	6 483	6.6
Chemical materials and products, n.e.s.	1 248	1.3
Chemicals, inorganic(a)	752	0.8
Chemicals, organic(a)	2 388	2.4
Civil engineering and contractors' plant and equipment	1 178	1.2
Clay and refractory construction materials and mineral manufactures, n.e.s.	585	0.6
Computing equipment	4 497	4.6
Electrical and non-electrical equipment, household type, n.e.s.(a)	980	1.0
Electrical apparatus for switching or protecting electrical circuits	972	1.0
Electrical machinery and apparatus, n.e.s.	1 467	1.5
Fish, crustaceans, molluscs and aquatic invertebrates, and preparations thereof	745	0.8

For footnotes see end of table.

...continued

**30.7 MERCHANDISE IMPORTS OF SELECTED MAJOR
COMMODITIES—1998-99—continued**

Published major commodities	\$m	%
Glass, glassware and pottery	599	0.6
Internal combustion piston engines, and parts thereof, n.e.s.	1 087	1.1
Iron and steel	1 472	1.5
Machinery and equipment specialised for particular industries and parts thereof	936	1.0
Manufactures of base metals, n.e.s.	944	1.0
Measuring, checking, analysing and controlling instruments and apparatus, n.e.s.	1 666	1.7
Medical and pharmaceutical products	3 041	3.1
Motor vehicles for the transport of goods	2 202	2.3
Paper, paperboard and articles of paper pulp, of paper or of paperboard	2 082	2.1
Paper, paperboard and articles of paper pulp, of paper or of paperboard(a)	2 210	2.3
Parts and accessories of motor vehicles and tractors, track-laying and wheeled	2 227	2.3
Parts and accessories for computers and office machines	3 601	3.7
Petroleum oils and oils obtained from bituminous minerals (other than crude)	706	0.7

For footnotes see end of table.

...continued

**30.7 MERCHANDISE IMPORTS OF SELECTED MAJOR
COMMODITIES—1998-99—continued**

Published major commodities	\$m	%
Photographic and cinematographic supplies	561	0.6
Plastics in primary and non-primary forms(a)	1 887	1.9
Printed matter	1 001	1.0
Pumps, centrifuges, filtering or purifying apparatus and parts thereof	1 158	1.2
Rubber tyres, interchangeable tyre treads, tyre flaps and inner tubes for wheels of all kinds	828	0.8
Ships, boats (including hovercraft) and floating structures	316	0.3
Telecommunications equipment, n.e.s. and parts and accessories, n.e.s.	3 586	3.7
Television and radio broadcast receivers	969	1.0
Textile yarn	549	0.6
Tractors, track-laying and wheeled	562	0.6
Woven fabrics of cotton or man-made textile material	727	0.7
<i>Total major commodities(a)</i>	62 218	63.7
Total imports	97 623	100.0

(a) Excludes commodities subject to a 'No commodity details' restriction.

Source: *International Trade database, August 1999.*

30.8 MERCHANDISE EXPORTS OF MAJOR COMMODITIES—1998–99

Published major commodities	\$m	%
Aircraft and associated equipment	761	0.9
Alumina (aluminium oxide)	2 843	3.3
Aluminium	3 298	3.8
Barley, unmilled	698	0.8
Cars and other road vehicles	2 091	2.4
Cheese and curd	696	0.8
Coal	9 283	10.8
Computing equipment and office machines	1 455	1.7
Copper ores and concentrates	1 005	1.2
Copper and copper alloys, unwrought (excl. master alloys)	396	0.5
Cotton (other than linters), not carded or combed	1 559	1.8
Crustaceans, molluscs and aquatic invertebrates (except canned or bottled)	835	1.0
Fruit and nuts, fresh, dried or preserved and fruit preparations (incl. fruit and vegetable juices)(a)	656	0.8
Gas, natural and manufactured	1 727	2.0
Gold, non-monetary (excl. gold ores and concentrates)	6 335	7.4

For footnotes see end of table.

...continued

**30.8 MERCHANDISE EXPORTS OF MAJOR COMMODITIES—
1998-99—continued**

Published major commodities	\$m	%
Hides and skins, bovine and equine, raw(a)	230	0.3
Iron and steel	1 540	1.8
Iron ore concentrates and agglomerates (excl. roasted iron pyrites)	3 843	4.5
Lead and lead alloys, unwrought	316	0.4
Machinery specialised for particular industries	1 377	1.6
Meat of bovine animals fresh, chilled or frozen	2 930	3.4
Meat of sheep and goats fresh, chilled or frozen	657	0.8
Milk and cream and milk products other than butter or cheese	1 228	1.4
Nickel and nickel alloys, unwrought	450	0.5
Nickel oxide sinters	95	0.1
Petroleum oils and oils obtained from bituminous minerals, crude	1 597	1.9
Petroleum products	1 536	1.8
Photographic and cinematographic supplies	414	0.5
Plastics in primary and non-primary forms(a)	409	0.5
Power generating machinery and equipment	713	0.8

For footnotes see end of table.

...continued

**30.8 MERCHANDISE EXPORTS OF MAJOR COMMODITIES—
1998–99—continued**

Published major commodities	\$m	%
Rice(a)	409	0.5
Sheep and goats, live	191	0.2
Skins, sheep and lamb, with wool on, raw	131	0.2
Sorghum, unmilled	47	0.1
Titanium, molybdenum, niobium, etc ores and concentrates(a)	545	0.6
Uranium and thorium ores and concentrates	288	0.3
Wheat (incl. spelt) and meslin, unmilled	3 396	3.9
Wood, in chips or particles	590	0.7
Wool, greasy (incl. fleece washed wool)	1 454	1.7
Wool, other, not carded or combed	539	0.6
Zinc and zinc alloys, unwrought	444	0.5
Zinc ores and concentrates	686	0.8
<i>Total major commodities(a)</i>	59 697	69.4
Total exports	86 000	100.0

(a) Excludes commodities subject to a 'No commodity details' or 'Broad commodity details' restriction.

Source: *International Trade database, August 1999.*

30.9 MERCHANDISE EXPORTS AND IMPORTS, By Industry of Origin

Australian and New Zealand Industrial Classification	1996-97		1997-98		1998-99	
	Exports \$m	Imports \$m	Exports \$m	Imports \$m	Exports \$m	Imports \$m
Agriculture, forestry and fishing	10 776	741	10 402	851	10 056	815
Mining	17 937	4 210	21 458	3 719	20 228	3 963
Manufacturing	48 494	73 747	53 304	85 746	51 894	92 450
Other industries(a)	1 725	301	2 605	369	3 822	396
Total	78 932	78 998	87 769	90 684	86 000	97 623

(a) Includes commodities subject to a 'No commodity details' restriction.

Source: *International Trade database, August 1999.*

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