

APPENDIX C: HISTORICAL AUSTRALIAN GOVERNMENT DATA

Appendix C reports historical data for selected fiscal aggregates of the Australian Government general government sector.

DATA SOURCES

Data are sourced from Australian Government *Final Budget Outcomes*, the Australian Bureau of Statistics (ABS) and Australian Government *Consolidated Financial Statements*.

- Accrual data from 1996-97 onwards, and cash data and net debt data from 1999-2000 onwards are sourced from Australian Government *Final Budget Outcomes*. Back-casting adjustments for accounting classification changes and other revisions have been made from 1998-1999 onwards where applicable.
- Cash data prior to 1999-2000 are sourced from ABS data, which have been calculated using methodology consistent with that used for later years in ABS cat. no. 5512.0 *Government Finance Statistics*.
- Net debt data prior to 1999-2000 are from ABS cat. no. 5512.0 *Government Finance Statistics* 2003-04 in 1998-99, ABS cat. no. 5501.0 *Government Financial Estimates* 1999-2000 and ABS cat. no. 5513.0 *Public Sector Financial Assets and Liabilities* 1998 in 1987-88 to 1997-98, and Treasury estimates (see Treasury's Economic Roundup, Spring 1996, pages 97-103) prior to 1987-88.

COMPARABILITY OF DATA ACROSS YEARS

The data set contains a number of structural breaks owing to accounting classification differences and changes to the structure of the budget which cannot be eliminated through back-casting because of data limitations. These breaks can affect the comparability of data across years, especially when the analysis is taken over a large number of years. Specific factors causing structural breaks include:

- from 2005-06 onwards, underlying Government Finance Statistics (GFS) data are provided by agencies applying Australian Accounting Standards (AAS) which includes International Financial Reporting Standards (IFRS) as adopted in Australia. Prior to 2005-06, underlying GFS data are based on data provided by agencies applying AAS prior to the adoption of IFRS;
- most recent accounting classification changes that require revisions to the historical series have been back-cast (where applicable) to 1998-1999, ensuring that data are

consistent across the accrual period from 1998-1999 onwards. However, because of data limitations, these changes have not been back-cast to earlier years;

- prior to 1999-2000, Australian Government general government sector debt instruments are valued at historic cost, whereas from 1999-2000 onwards they are valued at market prices (consistent with accrual GFS standards). This affects net debt and net interest payments;
- cash data up to and including 1997-98 are calculated under a cash accounting framework, while cash data from 1998-99 onwards is derived from an accrual accounting framework.¹ Although the major methodological differences associated with the move to the accrual framework have been eliminated through back-casting, comparisons across the break may still be affected by changes to some data sources and collection methodologies;
- changes in arrangements for transfer payments, where tax concessions or rebates have been replaced by payments through the social security system. This has the effect of increasing both cash receipts and payments, as compared with earlier periods, but not changing cash balances. Changes in the opposite direction (tax expenditures replacing payments) reduce both cash payments and receipts; and
- classification differences in the data relating to the period prior to 1976-77 (which means that earlier data may not be entirely consistent with data for 1976-77 onwards).

REVISIONS TO PREVIOUSLY PUBLISHED DATA

Under the accrual GFS framework and generally under AAS, flows are recorded in the period in which they occurred. As a result, prior period outcomes may be revised for classification changes relating to information that could reasonably have been expected to be known in the past, is material in at least one of the affected periods, and can be reliably assigned to the relevant period(s).

¹ Prior to the 2008-09 Budget, cash data calculated under the cash accounting framework was used up to and including 1998-99. In the 2008-09 Budget, cash data prior to 1998-99 was replaced by ABS data derived from the accrual framework.

DEFLATING REAL SPENDING GROWTH BY THE CONSUMER PRICE INDEX

The 2013 Economic Statement, including the historical series, calculates real spending growth using the Consumer Price Index (CPI) as the deflator. This is also the benchmark against which the Government's fiscal strategy is based. Prior to the 2008-09 Budget the non-farm GDP (NFGDP) deflator was used and has therefore been shown in this appendix for comparative purposes.

The use of the CPI, rather than the non-farm GDP deflator, provides a more accurate depiction of real government spending growth, especially in the current economic climate. The non-farm GDP deflator incorporates fluctuations in global commodity prices which are not relevant for Government expenditures. Therefore, deflating government spending by the non-farm GDP deflator distorts trends in real spending growth.

DATA SOURCE FOR 2012-13

The fiscal estimates for 2012-13 in the historical series are as published in the 2013-14 Budget. The 2012-13 outcome will be published in the 2012-13 Final Budget Outcome by 30 September 2013.

Table C1: Australian Government general government sector receipts, payments, net Future Fund earnings and underlying cash balance^(a)

	Receipts(b)		Payments(c)				Net Future Fund earnings	Underlying cash balance(d)	
					Per cent				
		Per cent		Per cent	real growth				Per cent
	\$m	of GDP	\$m	real growth (CPI)	(NFGDP deflator)(f)	of GDP	\$m	\$m	of GDP
1970-71	8,290	20.6	7,389	na	na	18.3	-	901	2.2
1971-72	9,135	20.5	8,249	4.1	4.7	18.6	-	886	2.0
1972-73	9,735	19.6	9,388	7.7	7.8	18.9	-	348	0.7
1973-74	12,228	20.3	11,078	4.2	3.6	18.4	-	1,150	1.9
1974-75	15,643	22.0	15,463	19.9	14.5	21.7	-	181	0.3
1975-76	18,727	22.5	20,225	15.7	13.5	24.3	-	-1,499	-1.8
1976-77	21,890	22.8	23,157	0.6	1.9	24.1	-	-1,266	-1.3
1977-78	24,019	22.9	26,057	2.7	3.3	24.8	-	-2,037	-1.9
1978-79	26,129	22.0	28,272	0.3	2.8	23.8	-	-2,142	-1.8
1979-80	30,321	22.5	31,642	1.5	2.1	23.5	-	-1,322	-1.0
1980-81	35,993	23.6	36,176	4.6	3.6	23.7	-	-184	-0.1
1981-82	41,499	23.6	41,151	2.9	0.5	23.4	-	348	0.2
1982-83	45,463	24.0	48,810	6.3	6.2	25.8	-	-3,348	-1.8
1983-84	49,981	23.4	56,990	9.4	9.7	26.7	-	-7,008	-3.3
1984-85	58,817	25.0	64,853	9.1	8.4	27.5	-	-6,037	-2.6
1985-86	66,206	25.4	71,328	1.5	3.4	27.4	-	-5,122	-2.0
1986-87	74,724	26.2	77,158	-1.1	0.8	27.0	-	-2,434	-0.9
1987-88	83,491	25.7	82,039	-0.9	-0.3	25.3	-	1,452	0.4
1988-89	90,748	24.7	85,326	-3.1	-4.3	23.2	-	5,421	1.5
1989-90	98,625	24.4	92,684	0.6	1.7	22.9	-	5,942	1.5
1990-91	100,227	24.1	100,665	3.1	3.8	24.2	-	-438	-0.1
1991-92	95,840	22.6	108,472	5.7	6.0	25.6	-	-12,631	-3.0
1992-93	97,633	22.0	115,751	5.6	5.9	26.0	-	-18,118	-4.1
1993-94	103,824	22.2	122,009	3.5	4.3	26.1	-	-18,185	-3.9
1994-95	113,458	22.9	127,619	1.4	2.6	25.7	-	-14,160	-2.9
1995-96	124,429	23.5	135,538	1.9	3.3	25.6	-	-11,109	-2.1
1996-97	133,592	24.0	139,689	1.7	1.5	25.1	-	-6,099	-1.1
1997-98	140,736	23.9	140,587	0.6	-0.6	23.9	-	149	0.0
1998-99	152,063	24.5	148,175	4.1	4.7	23.8	-	3,889	0.6
1999-00	166,199	25.1	153,192	1.0	0.8	23.1	-	13,007	2.0
2000-01	182,996	25.9	177,123	9.1	10.7	25.1	-	5,872	0.8
2001-02	187,588	24.8	188,655	3.5	4.2	25.0	-	-1,067	-0.1
2002-03	204,613	25.5	197,243	1.4	1.6	24.6	-	7,370	0.9
2003-04	217,775	25.3	209,785	3.9	2.9	24.4	-	7,990	0.9
2004-05	235,984	25.6	222,407	3.5	1.9	24.1	-	13,577	1.5
2005-06	255,943	25.7	240,136	4.6	2.8	24.1	51	15,757	1.6
2006-07	272,637	25.2	253,321	2.5	0.6	23.4	2,127	17,190	1.6
2007-08	294,917	25.1	271,843	3.8	2.7	23.1	3,319	19,754	1.7
2008-09	292,600	23.3	316,046	12.7	10.3	25.2	3,566	-27,013	-2.2
2009-10	284,662	22.0	336,900	4.2	5.6	26.1	2,256	-54,494	-4.2
2010-11	302,024	21.5	346,102	-0.4	-3.1	24.7	3,385	-47,463	-3.4

Table C1: Australian Government general government sector receipts, payments, net Future Fund earnings and underlying cash balance^(a) (continued)

	Receipts(b)		Payments(c)				Net Future Fund earnings	Underlying cash balance(d)	
					Per cent				
					Per cent	real growth			
					real growth	(NFGDP	Per cent		
					(CPI)	deflator)(f)	of GDP		
	\$m	Per cent of GDP	\$m					\$m	Per cent of GDP
2011-12	329,874	22.4	371,032	4.8	5.4	25.2	2,203	-43,360	-2.9
2012-13(e)	350,410	23.2	367,286	-3.2	-0.4	24.3	2,501	-19,377	-1.3
2013-14(e)	369,364	23.6	396,560	5.7	6.7	25.3	2,946	-30,142	-1.9
2014-15(e)	390,160	23.8	411,170	1.6	2.3	25.1	2,962	-23,972	-1.5
2015-16(p)	423,288	24.6	424,806	0.8	1.0	24.6	3,189	-4,708	-0.3
2016-17(p)	450,736	24.8	443,315	1.8	2.0	24.4	3,393	4,027	0.2

(a) Data have been revised in the 2013 Economic Statement to improve accuracy and comparability through time.

(b) Receipts are equal to receipts from operating activities and sales of non-financial assets.

(c) Payments are equal to payments for operating activities, purchases of non-financial assets and net acquisition of assets under finance leases.

(d) Underlying cash balance is equal to receipts less payments, less net Future Fund earnings. For the purposes of consistent comparison with years prior to 2005-06, net Future Fund earnings should be added back to the underlying cash balance.

(e) Estimates.

(f) Real spending growth using the non-farm GDP deflator has not been used as the relevant measure of real spending growth since 2007-08, and is included for comparative purposes only.

(p) Projections.

Table C2: Australian Government general government sector taxation receipts, non-taxation receipts and total receipts^(a)

	Taxation receipts		Non-taxation receipts		Total receipts(b)	
	\$m	Per cent of GDP	\$m	Per cent of GDP	\$m	Per cent of GDP
1970-71	7,193	17.8	1,097	2.7	8,290	20.6
1971-72	7,895	17.8	1,240	2.8	9,135	20.5
1972-73	8,411	16.9	1,324	2.7	9,735	19.6
1973-74	10,832	18.0	1,396	2.3	12,228	20.3
1974-75	14,141	19.9	1,502	2.1	15,643	22.0
1975-76	16,920	20.3	1,807	2.2	18,727	22.5
1976-77	19,714	20.5	2,176	2.3	21,890	22.8
1977-78	21,428	20.4	2,591	2.5	24,019	22.9
1978-79	23,409	19.7	2,720	2.3	26,129	22.0
1979-80	27,473	20.4	2,848	2.1	30,321	22.5
1980-81	32,641	21.4	3,352	2.2	35,993	23.6
1981-82	37,880	21.6	3,619	2.1	41,499	23.6
1982-83	41,025	21.7	4,438	2.3	45,463	24.0
1983-84	44,849	21.0	5,132	2.4	49,981	23.4
1984-85	52,970	22.5	5,847	2.5	58,817	25.0
1985-86	58,841	22.6	7,365	2.8	66,206	25.4
1986-87	66,467	23.3	8,257	2.9	74,724	26.2
1987-88	75,076	23.1	8,415	2.6	83,491	25.7
1988-89	83,452	22.7	7,296	2.0	90,748	24.7
1989-90	90,773	22.4	7,852	1.9	98,625	24.4
1990-91	92,739	22.3	7,488	1.8	100,227	24.1
1991-92	87,364	20.6	8,476	2.0	95,840	22.6
1992-93	88,760	20.0	8,873	2.0	97,633	22.0
1993-94	93,362	20.0	10,462	2.2	103,824	22.2
1994-95	104,921	21.1	8,537	1.7	113,458	22.9
1995-96	115,700	21.8	8,729	1.6	124,429	23.5
1996-97	124,559	22.4	9,033	1.6	133,592	24.0
1997-98	130,984	22.2	9,752	1.7	140,736	23.9
1998-99	138,420	22.3	13,643	2.2	152,063	24.5
1999-00	151,313	22.9	14,887	2.2	166,199	25.1
2000-01	170,354	24.1	12,641	1.8	182,996	25.9
2001-02	175,108	23.2	12,481	1.7	187,588	24.8
2002-03	192,131	24.0	12,482	1.6	204,613	25.5
2003-04	206,091	24.0	11,683	1.4	217,775	25.3
2004-05	223,314	24.2	12,669	1.4	235,984	25.6
2005-06	241,215	24.2	14,728	1.5	255,943	25.7
2006-07	257,392	23.8	15,245	1.4	272,637	25.2
2007-08	278,376	23.7	16,540	1.4	294,917	25.1
2008-09	272,627	21.7	19,973	1.6	292,600	23.3
2009-10	260,973	20.2	23,689	1.8	284,662	22.0
2010-11	280,839	20.0	21,185	1.5	302,024	21.5
2011-12	309,943	21.0	19,931	1.4	329,874	22.4
2012-13(e)	326,297	21.6	24,113	1.6	350,410	23.2
2013-14(e)	348,040	22.2	21,325	1.4	369,364	23.6
2014-15(e)	367,351	22.5	22,809	1.4	390,160	23.8
2015-16(p)	398,471	23.1	24,817	1.4	423,288	24.6
2016-17(p)	427,936	23.6	22,800	1.3	450,736	24.8

(a) Data have been revised in the 2013 Economic Statement to improve accuracy and comparability through time.

(b) Receipts are equal to receipts from operating activities and sales of non-financial assets.

(e) Estimates.

(p) Projections.

Table C3: Australian Government general government sector net debt and net interest payments^(a)

	Net debt(b)		Net interest payments(c)	
	\$m	Per cent of GDP	\$m	Per cent of GDP
1970-71	344	0.9	-189	-0.5
1971-72	-496	-1.1	-245	-0.6
1972-73	-790	-1.6	-252	-0.5
1973-74	-1,851	-3.1	-286	-0.5
1974-75	-1,901	-2.7	-242	-0.3
1975-76	-341	-0.4	-330	-0.4
1976-77	898	0.9	-62	-0.1
1977-78	2,896	2.8	4	0.0
1978-79	4,983	4.2	254	0.2
1979-80	6,244	4.6	440	0.3
1980-81	6,356	4.2	620	0.4
1981-82	5,919	3.4	680	0.4
1982-83	9,151	4.8	896	0.5
1983-84	16,015	7.5	1,621	0.8
1984-85	21,896	9.3	2,813	1.2
1985-86	26,889	10.3	3,952	1.5
1986-87	29,136	10.2	4,762	1.7
1987-88	27,344	8.4	4,503	1.4
1988-89	21,981	6.0	4,475	1.2
1989-90	16,123	4.0	4,549	1.1
1990-91	16,915	4.1	3,636	0.9
1991-92	31,041	7.3	3,810	0.9
1992-93	55,218	12.4	3,986	0.9
1993-94	70,223	15.0	5,628	1.2
1994-95	83,492	16.8	7,292	1.5
1995-96	95,831	18.1	8,861	1.7
1996-97	96,281	17.3	9,489	1.7
1997-98	82,935	14.1	8,279	1.4
1998-99	72,065	11.6	8,649	1.4
1999-00	53,869	8.1	7,514	1.1
2000-01	42,719	6.0	6,195	0.9
2001-02	38,180	5.1	5,352	0.7
2002-03	29,047	3.6	3,758	0.5
2003-04	22,639	2.6	3,040	0.4
2004-05	10,741	1.2	2,502	0.3
2005-06	-4,531	-0.5	2,303	0.2
2006-07	-29,150	-2.7	228	0.0
2007-08	-44,820	-3.8	-1,015	-0.1
2008-09	-16,148	-1.3	-1,196	-0.1
2009-10	42,283	3.3	2,386	0.2
2010-11	84,551	6.0	4,608	0.3
2011-12	147,334	10.0	6,609	0.4
2012-13(e)	161,603	10.7	8,238	0.5
2013-14(e)	184,065	11.7	8,351	0.5
2014-15(e)	212,246	13.0	9,485	0.6
2015-16(p)	219,114	12.7	11,508	0.7
2016-17(p)	217,634	12.0	9,969	0.5

(a) Data have been revised in the 2013 Economic Statement to improve accuracy and comparability through time.

(b) Net debt is equal to the sum of deposits held, government securities, loans and other borrowing, minus the sum of cash and deposits, advances paid and investments, loans and placements.

(c) Net interest payments are equal to the difference between interest paid and interest receipts.

(e) Estimates.

(p) Projections.

