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Australian National Accounts Quarterly State Details September Quarter 1998

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FURTHER INQUIRIES

For further information about these and related unpublished statistics,
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NOTES ON THE ESTIMATES

CHANGES IN THIS ISSUE	<p>Major changes to the Australian national accounts were introduced in the September quarter 1998 issue of <i>Australian National Accounts: National Income, Expenditure and Product</i> (5206.0). The changes reflect the implementation of new international standards for the compilation and presentation of national accounts, presented in the <i>System of National Accounts, 1993</i> (SNA93), including the integration of input-output tables with the quarterly and annual estimates of national income, expenditure and product, and the introduction of chain volume measures. For more information on the changes see the Information Paper titled <i>Upgraded Australian National Accounts, 1998</i> (5253.0), released on 4 November 1998, including the associated Addendum released on 11 November 1998. For more detailed background information see the Information Papers titled <i>Implementation of Revised International Standards in the Australian National Accounts</i> (5251.0) released on 30 September 1997 and <i>Introduction of Chain Volume Measures in the Australian National Accounts</i> (5248.0) released on 19 March 1998.</p> <p>The most obvious changes in <i>Australian National Accounts: Quarterly State Details</i> (5206.0.40.001) are the introduction of chain volume measures, the addition of two new categories of private gross fixed capital formation (livestock and intangible fixed assets) and changes in terminology for some components. In addition, in line with ABS publishing standards, the tables are now presented in portrait format rather than in landscape.</p>
ANNUAL STATE ACCOUNTS PUBLICATION	<p>The 1997-98 issue of <i>Australian National Accounts: State Accounts</i> (5220.0) is due for release in April 1999. However, it is expected that annual estimates of gross state product, in both current price and chain volume terms, will be available on request around the end of February 1999. Users wishing to receive these estimates should contact Dave Bain on telephone 02 6252 6071 in early February regarding the arrangements for this release.</p>
PRIVATE AND PUBLIC GROSS FIXED CAPITAL FORMATION IN VICTORIA	<p>In September quarter 1998, the Victorian government sold its remaining 25% share in the Portland aluminium smelter to the private sector for about \$500 million. As a result, private gross fixed capital formation on machinery and equipment in Victoria recorded a high value, while public gross fixed capital formation recorded a consequently low value. This large irregular transaction is reflected in the seasonally adjusted and original estimates shown in Tables 12 and 20, but it has been excluded from the calculation of the trend estimates shown in Table 2.</p>
PRIVATE AND PUBLIC GROSS FIXED CAPITAL FORMATION IN AUSTRALIAN CAPITAL TERRITORY	<p>In June quarter 1998, the Department of Administrative Services sold a number of Commonwealth properties to the private sector, many of which were in the ACT. Consequently, public gross fixed capital formation in the ACT recorded a negative value for the June quarter, while private other buildings and structures showed a corresponding high value. In the September quarter 1998, with a return to more normal levels of capital expenditure, the large movements in the June quarter were largely reversed. These transactions are reflected in the seasonally adjusted and original estimates in Tables 18 and 26, but have been excluded from the calculation of the trend estimates shown in Table 8.</p>

STATE FINAL DEMAND, New South Wales: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	7 611	7 669	7 720	7 811	7 927	8 021	8 141	8 275	8 415
Households	27 583	27 805	28 042	28 383	28 798	29 211	29 585	29 896	30 173
Gross fixed capital formation									
Private									
Dwellings	2 045	2 105	2 171	2 225	2 297	2 439	2 595	2 708	2 773
Other buildings and structures	1 420	1 409	1 376	1 384	1 460	1 577	1 652	1 654	1 613
Machinery and equipment	3 280	3 273	3 256	3 322	3 513	3 682	3 760	3 827	3 902
Livestock	77	73	73	78	84	88	88	87	87
Intangible fixed assets	485	505	515	523	532	535	534	537	542
Ownership transfer costs	541	579	633	690	723	730	718	705	690
Total private	7 848	7 942	8 026	8 223	8 608	9 051	9 344	9 517	9 622
Public	1 873	1 907	1 983	2 004	1 953	1 915	1 948	2 010	2 036
State final demand	44 914	45 322	45 770	46 421	47 286	48 198	49 011	49 694	50 311
Compensation of employees	22 734	23 124	23 347	23 590	23 974	24 320	24 689	25 128	25 620

	CHAIN VOLUME MEASURES (a)								
	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
Final consumption expenditure									
General government	7 670	7 694	7 697	7 728	7 788	7 850	7 934	7 993	8 031
Household	27 787	27 827	27 948	28 216	28 556	28 823	28 996	29 135	29 256
Gross fixed capital formation									
Private									
Dwellings	2 050	2 111	2 175	2 219	2 272	2 394	2 530	2 625	2 674
Other buildings and structures	1 430	1 413	1 375	1 369	1 420	1 506	1 556	1 541	1 490
Machinery and equipment	3 196	3 256	3 299	3 408	3 615	3 769	3 811	3 851	3 918
Livestock	70	72	75	77	82	84	80	74	71
Intangible fixed assets	476	501	519	534	549	560	567	577	590
Ownership transfer costs	572	585	621	660	680	681	676	677	677
Total private	7 800	7 943	8 063	8 263	8 615	8 994	9 219	9 345	9 425
Public	1 867	1 913	1 995	2 012	1 952	1 901	1 919	1 967	2 002
State final demand	45 114	45 372	45 701	46 220	46 912	47 570	48 062	48 438	48 723

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, Victoria: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	5 296	5 323	5 392	5 482	5 563	5 624	5 712	5 841	5 971
Households	19 427	19 654	19 960	20 363	20 776	21 114	21 369	21 626	21 912
Gross fixed capital formation									
Private									
Dwellings	1 252	1 332	1 433	1 517	1 579	1 672	1 764	1 800	1 776
Other buildings and structures	1 061	1 203	1 198	1 080	980	975	1 069	1 184	1 311
Machinery and equipment	2 574	2 645	2 757	2 808	2 771	2 720	2 732	2 785	2 801
Livestock	65	68	69	70	72	74	75	74	74
Intangible fixed assets	351	366	377	379	379	382	388	392	393
Ownership transfer costs	404	329	303	356	407	429	420	404	393
Total private	5 706	5 944	6 137	6 211	6 189	6 252	6 448	6 638	6 758
Public	1 053	1 087	1 220	1 310	1 263	1 214	1 229	1 269	1 244
State final demand	31 482	32 008	32 710	33 367	33 790	34 203	34 758	35 373	35 905
Compensation of employees	16 168	16 376	16 487	16 611	16 817	17 012	17 260	17 631	18 061

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	5 311	5 329	5 385	5 447	5 500	5 542	5 608	5 691	5 734
Household	19 531	19 671	19 917	20 266	20 613	20 849	20 996	21 164	21 378
Gross fixed capital formation									
Private									
Dwellings	1 254	1 333	1 431	1 512	1 570	1 659	1 745	1 775	1 745
Other buildings and structures	1 069	1 208	1 196	1 071	962	947	1 027	1 129	1 264
Machinery and equipment	2 521	2 659	2 818	2 896	2 863	2 795	2 787	2 830	2 847
Livestock	64	68	68	68	71	73	71	67	65
Intangible fixed assets	344	364	379	386	391	399	412	421	428
Ownership transfer costs	321	316	330	355	379	405	416	409	392
Total private	5 571	5 939	6 221	6 294	6 244	6 280	6 456	6 631	6 741
Public	1 030	1 103	1 261	1 341	1 271	1 217	1 257	1 324	1 330
State final demand	31 442	32 039	32 777	33 344	33 629	33 891	34 314	34 809	35 189

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, Queensland: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	3 710	3 659	3 637	3 695	3 819	3 956	4 066	4 166	4 255
Households	13 318	13 418	13 569	13 795	14 054	14 322	14 591	14 857	15 113
Gross fixed capital formation									
Private									
Dwellings	1 262	1 308	1 352	1 406	1 446	1 463	1 457	1 455	1 463
Other buildings and structures	1 023	1 052	1 015	959	933	915	918	938	960
Machinery and equipment	1 607	1 659	1 730	1 819	1 851	1 793	1 695	1 635	1 639
Livestock	58	56	56	57	58	59	60	59	59
Intangible fixed assets	182	190	194	190	183	182	187	190	190
Ownership transfer costs	264	268	274	283	295	304	309	314	317
Total private	4 396	4 532	4 621	4 715	4 767	4 716	4 627	4 594	4 614
Public	1 247	1 332	1 462	1 520	1 446	1 388	1 428	1 520	1 570
State final demand	22 670	22 942	23 289	23 725	24 087	24 382	24 710	25 136	25 590
Compensation of employees	10 470	10 724	10 828	10 850	10 920	11 065	11 256	11 463	11 670

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	3 724	3 663	3 636	3 687	3 790	3 906	3 995	4 064	4 107
Household	13 364	13 432	13 553	13 734	13 936	14 132	14 329	14 530	14 726
Gross fixed capital formation									
Private									
Dwellings	1 256	1 302	1 350	1 410	1 455	1 476	1 470	1 464	1 465
Other buildings and structures	1 024	1 052	1 014	955	924	900	902	922	946
Machinery and equipment	1 569	1 651	1 748	1 857	1 896	1 828	1 712	1 633	1 611
Livestock	47	54	59	61	64	62	52	43	38
Intangible fixed assets	180	189	195	192	186	186	193	198	200
Ownership transfer costs	266	265	273	283	289	289	288	287	284
Total private	4 340	4 513	4 642	4 761	4 815	4 741	4 618	4 548	4 533
Public	1 250	1 352	1 492	1 548	1 458	1 385	1 413	1 492	1 551
State final demand	22 668	22 957	23 323	23 730	23 999	24 163	24 353	24 640	24 939

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, South Australia: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	1 809	1 821	1 858	1 901	1 929	1 929	1 960	2 043	2 143
Households	5 686	5 700	5 737	5 812	5 916	6 026	6 122	6 207	6 288
Gross fixed capital formation									
Private									
Dwellings	292	304	327	345	352	350	354	369	389
Other buildings and structures	177	195	237	273	304	341	362	363	344
Machinery and equipment	706	720	708	719	762	796	798	772	738
Livestock	21	22	22	23	25	27	27	27	27
Intangible fixed assets	73	78	81	80	80	85	90	92	90
Ownership transfer costs	74	76	78	81	85	90	93	94	94
Total private	1 344	1 395	1 453	1 521	1 609	1 688	1 723	1 718	1 678
Public	326	335	325	328	322	303	286	278	291
State final demand	9 165	9 251	9 374	9 562	9 775	9 946	10 089	10 246	10 401
Compensation of employees	4 470	4 514	4 574	4 652	4 709	4 727	4 729	4 754	4 802

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	1 812	1 822	1 860	1 901	1 921	1 914	1 934	1 998	2 052
Household	5 713	5 707	5 724	5 786	5 879	5 969	6 035	6 089	6 131
Gross fixed capital formation									
Private									
Dwellings	287	302	330	352	360	353	351	361	377
Other buildings and structures	176	193	237	274	305	340	359	357	335
Machinery and equipment	690	715	714	731	774	803	794	759	716
Livestock	21	22	22	22	24	25	24	23	23
Intangible fixed assets	72	78	81	81	82	86	92	95	95
Ownership transfer costs	74	76	79	82	84	84	84	82	81
Total private	1 322	1 387	1 462	1 540	1 627	1 692	1 705	1 678	1 622
Public	322	335	327	327	320	303	283	268	274
State final demand	9 163	9 249	9 373	9 556	9 748	9 877	9 956	10 038	10 106

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, Western Australia: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 110	2 102	2 139	2 217	2 282	2 298	2 291	2 313	2 393
Households	7 207	7 246	7 344	7 470	7 587	7 694	7 795	7 902	8 021
Gross fixed capital formation									
Private									
Dwellings	630	647	683	706	716	738	753	745	716
Other buildings and structures	717	700	663	675	766	889	976	1 005	1 000
Machinery and equipment	1 410	1 308	1 354	1 466	1 641	1 818	1 914	1 963	1 984
Livestock	41	41	42	45	49	52	52	52	52
Intangible fixed assets	321	344	354	346	336	343	360	370	365
Ownership transfer costs	180	181	189	195	213	239	250	245	228
<i>Total private</i>	3 299	3 222	3 286	3 432	3 722	4 079	4 302	4 379	4 360
Public	553	635	736	772	761	749	757	771	761
State final demand	13 169	13 205	13 505	13 890	14 352	14 821	15 143	15 364	15 551
Compensation of employees	6 036	6 073	6 060	6 060	6 111	6 225	6 385	6 551	6 695

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 121	2 105	2 138	2 211	2 268	2 278	2 263	2 267	2 313
Household	7 233	7 253	7 335	7 442	7 535	7 608	7 668	7 732	7 804
Gross fixed capital formation									
Private									
Dwellings	632	649	685	708	719	741	754	742	709
Other buildings and structures	723	701	661	672	764	888	972	1 001	997
Machinery and equipment	1 377	1 311	1 376	1 495	1 661	1 811	1 878	1 901	1 905
Livestock	40	41	41	42	46	48	48	45	44
Intangible fixed assets	320	344	355	346	334	339	356	367	363
Ownership transfer costs	183	183	187	195	200	200	197	194	190
<i>Total private</i>	3 278	3 228	3 306	3 457	3 724	4 028	4 200	4 250	4 225
Public	556	646	752	785	765	744	748	760	753
State final demand	13 187	13 230	13 529	13 894	14 292	14 660	14 876	15 004	15 098

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, Tasmania: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	651	666	665	652	638	639	661	685	703
Households	1 760	1 772	1 788	1 810	1 834	1 860	1 878	1 889	1 894
Gross fixed capital formation									
Private									
Dwellings	106	105	107	106	104	99	93	88	86
Other buildings and structures	63	61	58	57	55	52	47	42	38
Machinery and equipment	170	185	196	195	192	183	168	156	152
Livestock	9	9	10	10	11	11	11	11	11
Intangible fixed assets	17	18	18	20	24	28	31	33	34
Ownership transfer costs	18	17	17	17	17	16	16	16	17
Total private	383	395	406	406	403	389	366	346	338
Public	131	124	118	110	107	112	118	119	116
State final demand	2 925	2 957	2 976	2 978	2 982	3 000	3 024	3 040	3 050
Compensation of employees	1 294	1 302	1 308	1 314	1 314	1 318	1 328	1 340	1 349

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	656	665	663	651	635	631	649	670	678
Household	1 774	1 773	1 780	1 799	1 822	1 841	1 847	1 846	1 843
Gross fixed capital formation									
Private									
Dwellings	106	105	107	106	104	99	93	89	87
Other buildings and structures	63	61	59	57	56	52	47	42	39
Machinery and equipment	167	185	197	197	194	183	167	154	150
Livestock	9	9	10	10	10	10	10	10	9
Intangible fixed assets	17	18	18	21	24	29	32	34	35
Ownership transfer costs	18	17	17	17	16	16	17	17	16
Total private	378	395	408	408	404	389	365	344	335
Public	130	124	118	111	108	113	119	119	114
State final demand	2 937	2 956	2 970	2 968	2 968	2 974	2 979	2 981	2 978

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, Northern Territory: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	459	467	483	502	523	546	566	583	595
Households	703	700	706	720	739	761	779	791	799
Gross fixed capital formation									
Private									
Dwellings	73	74	82	93	102	107	111	117	123
Other buildings and structures	82	73	59	50	47	51	56	57	55
Machinery and equipment	127	105	82	68	69	71	84	109	131
Livestock	8	7	7	7	7	7	7	7	7
Intangible fixed assets	69	69	69	67	72	84	97	105	106
Ownership transfer costs	14	15	15	16	18	19	19	17	17
Total private	372	343	314	302	315	339	374	411	442
Public	66	67	65	63	61	65	69	69	66
State final demand	1 599	1 577	1 569	1 587	1 638	1 711	1 788	1 855	1 902
Compensation of employees	699	719	737	747	749	756	767	779	787
CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	461	467	485	504	521	537	554	567	573
Household	708	701	704	715	732	752	767	775	779
Gross fixed capital formation									
Private									
Dwellings	74	75	81	91	99	103	108	113	119
Other buildings and structures	84	74	60	51	46	49	53	54	53
Machinery and equipment	125	106	85	71	70	70	82	106	128
Livestock	6	6	7	8	8	7	6	4	3
Intangible fixed assets	69	69	69	67	71	82	95	103	105
Ownership transfer costs	14	15	16	17	17	17	17	17	17
Total private	374	346	318	304	311	329	360	397	426
Public	65	67	66	64	62	66	69	69	64
State final demand	1 607	1 581	1 573	1 587	1 625	1 684	1 750	1 808	1 840

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, Australian Capital Territory: Trend

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 287	2 293	2 321	2 360	2 379	2 398	2 454	2 539	2 627
Households	1 416	1 425	1 439	1 465	1 498	1 528	1 549	1 569	1 592
Gross fixed capital formation									
Private									
Dwellings	81	85	88	87	83	79	78	78	79
Other buildings and structures	53	55	54	51	52	56	58	58	56
Machinery and equipment	55	52	58	67	67	58	56	66	77
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	29	30	31	31	32	32	33	33	33
Ownership transfer costs	18	19	20	20	19	20	21	21	20
Total private	238	242	252	257	253	245	246	256	269
Public	125	124	125	115	118	119	126	138	154
State final demand	4 066	4 084	4 137	4 198	4 248	4 289	4 374	4 502	4 647
Compensation of employees	1 732	1 747	1 754	1 763	1 780	1 790	1 811	1 845	1 886
CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 286	2 288	2 322	2 363	2 375	2 383	2 429	2 497	2 551
Household	1 420	1 425	1 437	1 462	1 493	1 515	1 525	1 535	1 547
Gross fixed capital formation									
Private									
Dwellings	81	85	88	88	84	80	78	79	79
Other buildings and structures	54	55	54	50	50	53	56	55	54
Machinery and equipment	52	51	59	70	71	61	59	68	85
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	28	30	31	32	33	34	35	36	37
Ownership transfer costs	19	19	19	20	20	20	21	21	21
Total private	234	240	252	261	258	248	248	259	277
Public	125	124	126	117	120	119	123	133	150
State final demand	4 065	4 077	4 137	4 203	4 245	4 266	4 325	4 424	4 526

(a) Reference year for chain volume measures is 1996-97.

COMPENSATION OF EMPLOYEES, Percentage changes: Trend

	1996-97 ..			1997-98				1998-99	Sep 97 to Sep 98
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	
New South Wales	1.7	1.0	1.0	1.6	1.4	1.5	1.8	2.0	6.9
Victoria	1.3	0.7	0.8	1.2	1.2	1.5	2.1	2.4	7.4
Queensland	2.4	1.0	0.2	0.6	1.3	1.7	1.8	1.8	6.9
South Australia	1.0	1.3	1.7	1.2	0.4	—	0.5	1.0	2.0
Western Australia	0.6	-0.2	—	0.8	1.9	2.6	2.6	2.2	9.6
Tasmania	0.6	0.4	0.5	—	0.3	0.7	0.9	0.7	2.6
Northern Territory	2.9	2.4	1.4	0.4	0.9	1.5	1.5	1.1	5.0
Australian Capital Territory	0.9	0.4	0.5	1.0	0.6	1.2	1.9	2.2	6.0

	1996-97 ..			1997-98				1998-99	
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Sep 97 to Sep 98
HOUSEHOLD FINAL CONSUMPTION EXPENDITURE									
New South Wales	0.1	0.4	1.0	1.2	0.9	0.6	0.5	0.4	2.5
Victoria	0.7	1.3	1.7	1.7	1.1	0.7	0.8	1.0	3.7
Queensland	0.5	0.9	1.3	1.5	1.4	1.4	1.4	1.4	5.7
South Australia	-0.1	0.3	1.1	1.6	1.5	1.1	0.9	0.7	4.3
Western Australia	0.3	1.1	1.5	1.3	1.0	0.8	0.8	0.9	3.6
Tasmania	-0.1	0.4	1.0	1.3	1.1	0.3	—	-0.2	1.2
Northern Territory	-0.9	0.4	1.6	2.3	2.7	2.0	1.1	0.5	6.5
Australian Capital Territory	0.4	0.9	1.8	2.1	1.5	0.7	0.7	0.8	3.7
PRIVATE GROSS FIXED CAPITAL FORMATION									
New South Wales	1.8	1.5	2.5	4.3	4.4	2.5	1.4	0.9	9.4
Victoria	6.6	4.7	1.2	-0.8	0.6	2.8	2.7	1.7	8.0
Queensland	4.0	2.8	2.6	1.1	-1.5	-2.6	-1.5	-0.3	-5.9
South Australia	5.0	5.4	5.4	5.6	4.0	0.7	-1.6	-3.3	-0.3
Western Australia	-1.5	2.4	4.6	7.7	8.2	4.3	1.2	-0.6	13.5
Tasmania	4.4	3.2	—	-0.9	-3.7	-6.2	-5.7	-2.8	-17.2
Northern Territory	-7.4	-8.2	-4.3	2.4	5.7	9.5	10.1	7.4	37.0
Australian Capital Territory	2.4	5.1	3.3	-1.1	-3.7	0.1	4.5	6.6	7.4
PUBLIC FINAL DEMAND									
New South Wales	0.8	0.9	0.5	—	0.1	1.1	1.1	0.5	2.8
Victoria	1.2	3.0	2.1	-0.2	—	1.5	2.2	0.7	4.5
Queensland	0.9	2.3	2.1	0.2	0.8	2.3	2.9	1.5	7.6
South Australia	1.1	1.4	1.9	0.6	-1.1	0.1	2.4	2.9	4.4
Western Australia	2.8	5.1	3.6	1.2	-0.3	-0.5	0.4	1.2	0.8
Tasmania	0.4	-0.9	-2.6	-2.5	0.1	3.2	2.9	0.8	7.2
Northern Territory	1.6	3.1	2.9	2.6	3.6	3.4	1.9	0.2	9.4
Australian Capital Territory	—	1.5	1.3	0.6	0.3	2.0	3.0	2.6	8.2
STATE FINAL DEMAND									
New South Wales	0.6	0.7	1.1	1.5	1.4	1.0	0.8	0.6	3.9
Victoria	1.9	2.3	1.7	0.9	0.8	1.2	1.4	1.1	4.6
Queensland	1.3	1.6	1.7	1.1	0.7	0.8	1.2	1.2	3.9
South Australia	0.9	1.3	2.0	2.0	1.3	0.8	0.8	0.7	3.7
Western Australia	0.3	2.3	2.7	2.9	2.6	1.5	0.9	0.6	5.6
Tasmania	0.6	0.4	-0.1	—	0.2	0.2	—	-0.1	0.3
Northern Territory	-1.6	-0.5	0.9	2.4	3.6	4.0	3.3	1.8	13.3
Australian Capital Territory	0.3	1.5	1.6	1.0	0.5	1.4	2.3	2.3	6.6

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	7 694	7 572	7 816	7 746	7 900	8 142	8 037	8 258	8 512
Households	27 635	27 655	28 128	28 392	28 698	29 277	29 664	29 798	30 221
Gross fixed capital formation									
Private									
Dwellings	2 001	2 121	2 208	2 210	2 275	2 429	2 604	2 773	2 713
Other buildings and structures	1 450	1 369	1 407	1 525	1 421	1 588	1 705	1 781	1 565
Machinery and equipment	3 192	3 409	3 161	3 306	3 620	3 739	3 877	3 563	4 112
Livestock	74	74	74	74	88	88	88	87	87
Intangible fixed assets	491	510	510	522	534	539	532	530	549
Ownership transfer costs	537	584	612	709	726	731	701	728	673
Total private	7 744	8 067	7 972	8 346	8 663	9 115	9 508	9 462	9 700
Public	1 805	1 885	1 991	1 951	1 745	1 892	1 976	1 880	2 061
State final demand	44 878	45 179	45 907	46 435	47 006	48 426	49 185	49 398	50 494
Compensation of employees	22 947	23 095	23 309	23 652	23 757	24 605	24 627	24 862	25 924

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	7 747	7 604	7 802	7 660	7 750	7 970	7 822	8 023	8 082
Household	27 849	27 756	27 899	28 268	28 509	28 882	29 037	29 045	29 319
Gross fixed capital formation									
Private									
Dwellings	2 004	2 127	2 213	2 204	2 252	2 383	2 538	2 689	2 613
Other buildings and structures	1 457	1 373	1 405	1 512	1 380	1 519	1 603	1 659	1 446
Machinery and equipment	3 109	3 400	3 188	3 407	3 726	3 825	3 931	3 580	4 120
Livestock	76	74	74	73	86	82	86	69	70
Intangible fixed assets	481	506	514	532	551	564	565	570	599
Ownership transfer costs	575	587	597	680	698	656	678	692	663
Total private	7 703	8 081	7 984	8 400	8 693	9 027	9 401	9 259	9 510
Public	1 801	1 891	2 003	1 966	1 735	1 882	1 949	1 839	2 012
State final demand	45 083	45 331	45 684	46 297	46 688	47 762	48 210	48 166	48 922

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	5 297	5 342	5 333	5 545	5 528	5 674	5 640	5 854	6 017
Households	19 355	19 680	19 983	20 273	20 813	21 231	21 270	21 598	21 990
Gross fixed capital formation									
Private									
Dwellings	1 266	1 277	1 465	1 565	1 524	1 658	1 775	1 898	1 669
Other buildings and structures	1 038	1 228	1 356	1 142	1 080	934	1 068	1 153	1 509
Machinery and equipment	2 492	2 633	2 699	4 051	2 584	2 839	2 720	2 729	3 371
Livestock	68	68	68	68	74	74	74	74	74
Intangible fixed assets	350	365	380	385	372	379	394	394	389
Ownership transfer costs	385	282	309	332	471	380	444	405	376
<i>Total private</i>	5 600	5 853	6 278	7 543	6 105	6 265	6 476	6 654	7 388
Public	972	1 065	1 114	328	1 056	1 133	1 274	1 355	521
State final demand	31 224	31 940	32 707	33 690	33 502	34 302	34 660	35 461	35 916
Compensation of employees	16 219	16 533	16 301	16 677	16 783	17 105	17 199	17 472	18 287

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	5 320	5 356	5 323	5 519	5 451	5 593	5 535	5 722	5 779
Household	19 466	19 689	19 924	20 198	20 648	20 964	20 915	21 085	21 498
Gross fixed capital formation									
Private									
Dwellings	1 268	1 278	1 462	1 559	1 514	1 646	1 755	1 874	1 637
Other buildings and structures	1 045	1 238	1 351	1 130	1 059	911	1 026	1 098	1 436
Machinery and equipment	2 442	2 651	2 752	4 224	2 674	2 919	2 772	2 759	3 428
Livestock	72	68	67	66	75	71	75	64	65
Intangible fixed assets	343	362	382	392	384	396	417	423	423
Ownership transfer costs	303	311	328	366	374	387	442	414	367
<i>Total private</i>	5 469	5 902	6 323	7 766	6 081	6 330	6 488	6 631	7 355
Public	933	1 071	1 194	284	1 039	1 145	1 302	1 401	628
State final demand	31 188	32 025	32 729	33 781	33 219	34 032	34 240	34 839	35 261

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	3 679	3 698	3 603	3 688	3 783	4 053	4 002	4 167	4 295
Households	13 328	13 394	13 570	13 799	14 023	14 401	14 502	14 917	15 106
Gross fixed capital formation									
Private									
Dwellings	1 220	1 331	1 343	1 398	1 462	1 460	1 471	1 422	1 487
Other buildings and structures	1 140	1 040	973	973	959	871	936	1 037	961
Machinery and equipment	1 552	1 678	1 747	1 789	1 826	1 948	1 549	1 625	1 705
Livestock	56	56	56	56	59	59	59	59	59
Intangible fixed assets	181	189	195	200	173	179	194	190	187
Ownership transfer costs	269	270	264	296	286	309	312	308	321
Total private	4 418	4 563	4 577	4 713	4 765	4 826	4 521	4 642	4 721
Public	1 135	1 351	1 460	1 626	1 362	1 431	1 303	1 543	1 558
State final demand	22 560	23 005	23 210	23 826	23 934	24 710	24 328	25 269	25 680
Compensation of employees	10 492	10 822	10 783	10 856	10 874	11 094	11 252	11 440	11 702

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	3 692	3 690	3 609	3 685	3 753	3 995	3 926	4 088	4 131
Household	13 383	13 408	13 546	13 746	13 915	14 189	14 261	14 570	14 726
Gross fixed capital formation									
Private									
Dwellings	1 216	1 322	1 341	1 403	1 471	1 472	1 484	1 435	1 484
Other buildings and structures	1 143	1 039	972	971	948	856	920	1 022	942
Machinery and equipment	1 515	1 673	1 758	1 835	1 872	1 984	1 562	1 623	1 686
Livestock	53	56	58	57	70	59	59	37	37
Intangible fixed assets	178	187	196	202	176	183	200	198	197
Ownership transfer costs	278	255	266	299	285	282	295	286	282
Total private	4 377	4 534	4 594	4 768	4 822	4 835	4 519	4 599	4 628
Public	1 140	1 370	1 485	1 665	1 372	1 420	1 285	1 540	1 518
State final demand	22 581	22 999	23 234	23 867	23 862	24 439	23 991	24 798	25 003

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	1 834	1 844	1 819	1 906	1 962	1 945	1 882	2 062	2 191
Households	5 688	5 707	5 720	5 807	5 933	6 011	6 137	6 208	6 279
Gross fixed capital formation									
Private									
Dwellings	281	307	326	352	351	346	363	346	413
Other buildings and structures	163	205	209	311	300	292	419	364	309
Machinery and equipment	784	690	682	755	722	818	812	774	711
Livestock	22	22	22	22	27	27	27	27	27
Intangible fixed assets	74	78	80	82	78	82	92	95	85
Ownership transfer costs	74	74	78	83	84	88	96	94	93
<i>Total private</i>	1 398	1 376	1 398	1 605	1 562	1 653	1 808	1 700	1 637
Public	322	326	367	277	320	385	188	312	307
State final demand	9 242	9 253	9 304	9 595	9 777	9 994	10 015	10 282	10 415
Compensation of employees	4 459	4 542	4 560	4 620	4 751	4 761	4 650	4 783	4 820

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	1 841	1 846	1 817	1 907	1 963	1 917	1 860	2 028	2 108
Household	5 721	5 711	5 700	5 788	5 889	5 965	6 048	6 084	6 133
Gross fixed capital formation									
Private									
Dwellings	276	303	329	361	361	349	358	339	399
Other buildings and structures	161	204	209	313	300	290	418	357	299
Machinery and equipment	766	687	684	770	735	825	808	761	686
Livestock	23	22	22	21	24	24	26	22	22
Intangible fixed assets	73	78	81	83	79	84	95	98	90
Ownership transfer costs	72	77	80	81	84	85	83	82	81
<i>Total private</i>	1 375	1 371	1 403	1 626	1 584	1 657	1 788	1 660	1 578
Public	318	327	369	277	314	384	189	306	298
State final demand	9 252	9 252	9 288	9 603	9 750	9 923	9 884	10 078	10 117

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	2 063	2 122	2 200	2 023	2 506	2 213	2 276	2 292	2 438
Households	7 147	7 251	7 370	7 436	7 613	7 699	7 787	7 886	8 044
Gross fixed capital formation									
Private									
Dwellings	611	639	689	728	702	709	792	758	679
Other buildings and structures	739	674	674	673	728	890	3 182	944	1 011
Machinery and equipment	1 320	1 392	1 289	1 427	1 756	1 685	2 054	1 902	1 982
Livestock	42	42	42	42	52	52	52	52	52
Intangible fixed assets	324	352	337	381	308	337	370	386	344
Ownership transfer costs	176	189	180	203	213	212	298	226	218
<i>Total private</i>	3 211	3 289	3 210	3 452	3 759	3 885	6 748	4 268	4 286
Public	528	650	708	873	682	739	-1 322	754	756
State final demand	12 949	13 312	13 488	13 785	14 559	14 536	15 488	15 200	15 525
Compensation of employees	6 129	6 090	5 986	6 097	6 109	6 219	6 316	6 676	6 617

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	2 072	2 125	2 200	2 016	2 498	2 184	2 247	2 258	2 363
Household	7 173	7 253	7 360	7 418	7 551	7 617	7 664	7 707	7 834
Gross fixed capital formation									
Private									
Dwellings	613	642	691	730	705	711	794	756	669
Other buildings and structures	748	672	670	671	726	885	3 161	938	1 002
Machinery and equipment	1 292	1 398	1 305	1 459	1 780	1 679	2 012	1 835	1 908
Livestock	44	41	41	40	47	47	51	43	43
Intangible fixed assets	323	351	338	382	306	332	367	382	344
Ownership transfer costs	186	182	182	199	199	202	193	199	188
<i>Total private</i>	3 203	3 290	3 225	3 483	3 762	3 856	6 579	4 153	4 153
Public	523	665	725	890	682	732	-1 296	729	736
State final demand	12 970	13 333	13 504	13 808	14 494	14 389	15 193	14 846	15 086

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	671	652	684	635	653	625	652	709	693
Households	1 757	1 770	1 791	1 807	1 835	1 859	1 881	1 895	1 886
Gross fixed capital formation									
Private									
Dwellings	101	106	105	111	100	99	97	80	91
Other buildings and structures	68	61	55	58	58	51	47	44	36
Machinery and equipment	168	193	195	190	201	167	192	130	160
Livestock	10	10	10	10	11	11	11	11	11
Intangible fixed assets	17	18	18	20	25	28	32	34	33
Ownership transfer costs	17	17	18	17	18	15	16	15	17
<i>Total private</i>	381	405	399	405	414	371	396	314	348
Public	136	125	114	117	98	115	116	128	107
State final demand	2 945	2 952	2 988	2 964	2 999	2 970	3 044	3 047	3 034
Compensation of employees	1 297	1 305	1 307	1 309	1 319	1 328	1 295	1 377	1 332

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	676	651	680	631	663	605	642	696	673
Household	1 770	1 780	1 770	1 797	1 828	1 840	1 847	1 852	1 836
Gross fixed capital formation									
Private									
Dwellings	102	107	105	110	100	99	98	80	91
Other buildings and structures	68	61	55	58	58	50	47	44	36
Machinery and equipment	165	193	195	193	204	167	191	128	159
Livestock	10	9	9	9	10	10	11	9	9
Intangible fixed assets	17	18	18	20	25	28	33	34	34
Ownership transfer costs	17	17	17	17	16	16	18	16	16
<i>Total private</i>	378	405	400	409	414	370	396	312	344
Public	134	126	115	118	98	116	117	129	107
State final demand	2 957	2 962	2 965	2 956	3 002	2 931	3 003	2 989	2 960

(a) Reference year for chain volume measures is 1996-97.

STATE FINAL DEMAND, Northern Territory: **Seasonally adjusted**

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	452	474	487	491	532	547	560	589	596
Households	700	699	707	719	739	760	781	798	792
Gross fixed capital formation									
Private									
Dwellings	69	73	84	89	108	103	113	111	130
Other buildings and structures	83	68	65	41	52	51	50	71	45
Machinery and equipment	128	102	77	75	56	83	89	74	173
Livestock	7	7	7	7	7	7	7	7	7
Intangible fixed assets	66	72	69	70	66	82	104	103	105
Ownership transfer costs	14	16	15	16	15	25	15	17	18
Total private	367	338	318	298	303	352	378	384	478
Public	69	69	64	63	59	68	59	88	51
State final demand	1 589	1 580	1 576	1 571	1 634	1 727	1 779	1 859	1 917
Compensation of employees	689	724	743	742	748	762	754	792	783

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	454	475	486	490	543	523	550	577	573
Household	704	701	705	714	731	752	768	780	772
Gross fixed capital formation									
Private									
Dwellings	70	74	83	88	106	100	109	109	126
Other buildings and structures	86	69	67	41	51	49	47	67	44
Machinery and equipment	127	105	80	78	57	83	87	71	171
Livestock	6	7	7	7	9	7	7	3	3
Intangible fixed assets	66	72	69	70	65	80	102	101	104
Ownership transfer costs	14	15	16	17	18	17	15	18	17
Total private	371	341	321	300	305	336	367	368	465
Public	68	69	64	64	60	68	59	88	48
State final demand	1 597	1 586	1 576	1 568	1 638	1 679	1 745	1 814	1 859

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	2 320	2 277	2 321	2 361	2 388	2 435	2 342	2 633	2 605
Households	1 406	1 435	1 435	1 457	1 504	1 532	1 547	1 563	1 599
Gross fixed capital formation									
Private									
Dwellings	82	84	88	93	78	81	76	80	79
Other buildings and structures	51	57	55	49	52	50	71	294	57
Machinery and equipment	58	45	60	62	192	50	47	66	91
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	29	30	32	32	31	32	33	34	33
Ownership transfer costs	17	20	21	18	19	20	21	21	19
Total private	238	237	257	254	372	233	247	495	278
Public	130	122	125	126	-4	112	169	-168	195
State final demand	4 094	4 071	4 137	4 199	4 259	4 312	4 305	4 523	4 678
Compensation of employees	1 759	1 735	1 750	1 768	1 776	1 796	1 812	1 821	1 913

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	2 321	2 268	2 323	2 369	2 387	2 409	2 317	2 608	2 523
Household	1 413	1 433	1 431	1 457	1 499	1 521	1 524	1 525	1 558
Gross fixed capital formation									
Private									
Dwellings	82	84	87	93	79	82	77	80	78
Other buildings and structures	51	57	55	49	50	47	67	282	54
Machinery and equipment	55	44	61	65	201	52	50	69	94
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	28	30	32	32	32	34	35	37	36
Ownership transfer costs	19	19	19	20	20	20	21	21	21
Total private	236	234	255	260	382	235	249	489	283
Public	130	123	126	127	-4	111	167	-164	191
State final demand	4 099	4 057	4 134	4 213	4 264	4 276	4 257	4 457	4 555

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	7 428	7 757	7 448	8 180	7 600	8 365	7 638	8 710	8 187
Households	27 619	29 103	26 934	28 116	28 735	30 725	28 479	29 521	30 176
Gross fixed capital formation									
Private									
Dwellings	2 072	2 259	2 082	2 114	2 354	2 587	2 459	2 651	2 804
Other buildings and structures	1 595	1 428	1 255	1 468	1 575	1 651	1 522	1 711	1 738
Machinery and equipment	3 065	3 594	2 718	3 728	3 463	3 962	3 315	4 017	3 926
Livestock	74	74	74	74	88	88	88	87	87
Intangible fixed assets	486	506	511	530	528	535	533	539	544
Ownership transfer costs	563	613	541	722	761	769	618	743	705
Total private	7 856	8 475	7 181	8 637	8 768	9 593	8 534	9 750	9 804
Public	1 549	1 790	1 791	2 532	1 466	1 792	1 781	2 449	1 758
State final demand	44 451	47 124	43 354	47 465	46 570	50 476	46 432	50 429	49 925
Compensation of employees	22 612	23 558	22 976	23 852	23 415	25 111	24 264	25 064	25 553

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	7 482	7 795	7 442	8 094	7 466	8 193	7 439	8 468	7 788
Household	27 813	29 142	26 859	27 958	28 464	30 331	27 943	28 734	29 269
Gross fixed capital formation									
Private									
Dwellings	2 076	2 268	2 091	2 113	2 336	2 545	2 404	2 579	2 704
Other buildings and structures	1 602	1 432	1 254	1 459	1 535	1 586	1 437	1 602	1 606
Machinery and equipment	2 971	3 568	2 731	3 835	3 568	4 064	3 374	4 055	3 919
Livestock	76	74	74	73	86	82	86	69	70
Intangible fixed assets	476	503	514	541	545	559	565	580	592
Ownership transfer costs	610	601	540	688	740	671	613	701	703
Total private	7 797	8 465	7 186	8 720	8 809	9 507	8 479	9 586	9 594
Public	1 544	1 787	1 797	2 534	1 462	1 784	1 759	2 400	1 711
State final demand	44 623	47 186	43 259	47 327	46 202	49 815	45 621	49 188	48 362

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	5 380	5 327	5 215	5 596	5 603	5 651	5 505	5 919	6 091
Households	19 345	20 719	19 091	20 122	20 800	22 349	20 319	21 445	21 974
Gross fixed capital formation									
Private									
Dwellings	1 296	1 357	1 352	1 549	1 572	1 757	1 637	1 875	1 725
Other buildings and structures	1 015	1 306	1 289	1 154	1 050	997	1 013	1 169	1 468
Machinery and equipment	2 423	2 853	2 391	4 402	2 496	3 072	2 407	2 923	3 246
Livestock	68	68	68	68	74	74	74	74	74
Intangible fixed assets	353	370	372	384	375	384	385	393	392
Ownership transfer costs	404	290	303	312	495	391	435	381	395
Total private	5 559	6 243	5 775	7 869	6 062	6 676	5 952	6 814	7 302
Public	922	1 007	1 048	504	1 024	1 077	1 215	1 514	477
State final demand	31 206	33 296	31 128	34 091	33 490	35 752	32 990	35 693	35 844
Compensation of employees	16 006	17 018	15 920	16 800	16 553	17 614	16 795	17 603	18 028

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	5 403	5 340	5 205	5 569	5 530	5 574	5 407	5 790	5 859
Household	19 457	20 730	19 033	20 056	20 633	22 066	19 972	20 941	21 484
Gross fixed capital formation									
Private									
Dwellings	1 301	1 362	1 355	1 549	1 567	1 747	1 621	1 854	1 697
Other buildings and structures	1 021	1 316	1 284	1 142	1 030	974	975	1 115	1 398
Machinery and equipment	2 342	2 822	2 392	4 514	2 570	3 151	2 451	2 951	3 222
Livestock	72	68	67	66	75	71	75	64	65
Intangible fixed assets	346	367	374	391	388	402	409	422	427
Ownership transfer costs	325	321	323	340	399	400	434	385	391
Total private	5 399	6 249	5 761	8 051	6 029	6 745	5 965	6 790	7 200
Public	902	1 019	1 095	466	1 013	1 086	1 235	1 553	581
State final demand	31 137	33 337	31 069	34 180	33 205	35 471	32 579	35 074	35 123

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	3 722	3 765	3 411	3 779	3 815	4 127	3 777	4 268	4 327
Households	13 338	14 095	13 025	13 625	14 029	15 152	13 921	14 735	15 109
Gross fixed capital formation									
Private									
Dwellings	1 309	1 430	1 232	1 298	1 578	1 569	1 347	1 319	1 605
Other buildings and structures	1 187	1 138	884	916	1 005	957	853	981	1 007
Machinery and equipment	1 519	1 666	1 494	2 102	1 784	1 931	1 327	1 916	1 665
Livestock	56	56	56	56	59	59	59	59	59
Intangible fixed assets	182	195	181	205	174	185	180	195	189
Ownership transfer costs	276	281	251	290	292	323	297	302	329
<i>Total private</i>	4 529	4 767	4 099	4 866	4 893	5 024	4 064	4 772	4 853
Public	924	1 354	1 306	2 076	1 106	1 436	1 142	1 952	1 282
State final demand	22 514	23 980	21 841	24 346	23 843	25 739	22 905	25 728	25 572
Compensation of employees	10 373	11 207	10 542	10 833	10 756	11 487	11 001	11 411	11 589

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	3 734	3 754	3 415	3 773	3 787	4 072	3 711	4 193	4 165
Household	13 399	14 130	12 987	13 567	13 928	14 953	13 671	14 385	14 736
Gross fixed capital formation									
Private									
Dwellings	1 309	1 428	1 237	1 308	1 591	1 584	1 358	1 329	1 609
Other buildings and structures	1 190	1 137	883	914	995	941	840	969	988
Machinery and equipment	1 479	1 656	1 498	2 148	1 825	1 964	1 338	1 913	1 640
Livestock	53	56	58	57	70	59	59	37	37
Intangible fixed assets	180	194	182	207	177	189	187	203	199
Ownership transfer costs	291	259	258	290	298	286	286	278	294
<i>Total private</i>	4 493	4 726	4 113	4 940	4 956	5 024	4 067	4 728	4 767
Public	919	1 347	1 305	2 089	1 110	1 434	1 143	1 931	1 258
State final demand	22 530	23 953	21 810	24 388	23 781	25 482	22 592	25 237	24 926

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	1 791	1 851	1 706	2 063	1 910	1 953	1 762	2 228	2 130
Households	5 664	6 022	5 491	5 743	5 907	6 344	5 889	6 143	6 251
Gross fixed capital formation									
Private									
Dwellings	272	335	315	344	338	377	351	337	398
Other buildings and structures	162	218	200	307	298	310	406	361	306
Machinery and equipment	765	816	573	753	707	977	676	772	697
Livestock	22	22	22	22	27	27	27	27	27
Intangible fixed assets	76	82	75	81	80	86	86	94	88
Ownership transfer costs	74	71	74	92	83	85	90	105	92
<i>Total private</i>	<i>1 371</i>	<i>1 544</i>	<i>1 258</i>	<i>1 599</i>	<i>1 533</i>	<i>1 863</i>	<i>1 636</i>	<i>1 696</i>	<i>1 607</i>
Public	259	304	361	367	259	361	183	401	252
State final demand	9 085	9 722	8 817	9 772	9 609	10 521	9 470	10 468	10 241
Compensation of employees	4 476	4 666	4 459	4 577	4 767	4 895	4 544	4 739	4 831

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	1 798	1 851	1 702	2 061	1 910	1 924	1 741	2 192	2 050
Household	5 694	6 019	5 480	5 727	5 862	6 287	5 814	6 023	6 104
Gross fixed capital formation									
Private									
Dwellings	267	331	318	352	349	381	347	330	386
Other buildings and structures	160	218	200	309	298	309	405	354	296
Machinery and equipment	748	815	576	768	719	983	671	756	674
Livestock	23	22	22	21	24	24	26	22	22
Intangible fixed assets	75	82	76	83	82	88	89	98	93
Ownership transfer costs	74	75	76	86	85	83	80	87	81
<i>Total private</i>	<i>1 351</i>	<i>1 544</i>	<i>1 264</i>	<i>1 617</i>	<i>1 556</i>	<i>1 869</i>	<i>1 617</i>	<i>1 647</i>	<i>1 553</i>
Public	258	306	363	366	257	361	181	395	243
State final demand	9 095	9 721	8 805	9 775	9 585	10 441	9 353	10 257	9 950

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	2 017	2 212	2 129	2 055	2 440	2 301	2 205	2 324	2 373
Households	7 113	7 674	7 024	7 393	7 571	8 146	7 423	7 844	7 997
Gross fixed capital formation									
Private									
Dwellings	608	647	669	746	698	716	769	779	673
Other buildings and structures	739	689	669	664	727	908	3 179	931	1 007
Machinery and equipment	1 187	1 665	1 141	1 462	1 577	2 017	1 838	1 920	1 777
Livestock	42	42	42	42	52	52	52	52	52
Intangible fixed assets	338	371	300	385	321	355	330	390	360
Ownership transfer costs	168	193	177	212	203	216	293	236	208
Total private	3 083	3 605	2 997	3 510	3 578	4 265	6 461	4 308	4 077
Public	457	638	691	1 017	556	724	-1 337	897	609
State final demand	12 670	14 128	12 842	13 975	14 145	15 435	14 752	15 373	15 056
Compensation of employees	6 094	6 187	5 937	6 083	6 075	6 318	6 266	6 661	6 581

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	2 025	2 213	2 128	2 048	2 436	2 274	2 182	2 294	2 300
Household	7 139	7 681	7 018	7 367	7 511	8 064	7 308	7 657	7 789
Gross fixed capital formation									
Private									
Dwellings	610	649	670	748	701	717	771	776	663
Other buildings and structures	748	686	665	662	724	903	3 158	925	997
Machinery and equipment	1 163	1 661	1 145	1 485	1 599	2 021	1 815	1 871	1 703
Livestock	44	41	41	40	47	47	51	43	43
Intangible fixed assets	338	369	301	386	320	350	329	388	359
Ownership transfer costs	185	183	174	208	198	203	185	208	187
Total private	3 079	3 602	2 989	3 531	3 588	4 242	6 308	4 211	3 952
Public	452	640	693	1 018	555	720	-1 306	877	593
State final demand	12 688	14 136	12 821	13 970	14 090	15 301	14 493	15 039	14 635

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	694	697	618	630	675	667	588	701	716
Households	1 743	1 885	1 704	1 786	1 831	1 974	1 795	1 873	1 876
Gross fixed capital formation									
Private									
Dwellings	99	111	104	110	98	103	96	80	88
Other buildings and structures	71	64	51	55	61	53	44	42	38
Machinery and equipment	152	225	168	201	182	198	166	136	145
Livestock	10	10	10	10	11	11	11	11	11
Intangible fixed assets	17	19	17	20	24	29	30	35	32
Ownership transfer costs	17	16	18	18	18	15	16	16	17
Total private	366	446	366	413	395	409	363	320	332
Public	113	123	105	152	78	112	107	164	86
State final demand	2 916	3 150	2 793	2 980	2 978	3 162	2 853	3 058	3 010
Compensation of employees	1 285	1 336	1 290	1 306	1 308	1 359	1 278	1 373	1 319

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	699	697	615	627	686	648	581	690	697
Household	1 760	1 889	1 695	1 774	1 817	1 952	1 768	1 829	1 825
Gross fixed capital formation									
Private									
Dwellings	100	111	104	109	98	103	96	80	89
Other buildings and structures	72	64	51	55	61	53	44	41	38
Machinery and equipment	150	224	168	205	186	201	168	136	144
Livestock	10	9	9	9	10	10	11	9	9
Intangible fixed assets	16	19	17	21	25	29	31	36	33
Ownership transfer costs	18	17	17	17	17	15	17	16	17
Total private	364	446	366	416	397	411	366	318	329
Public	112	123	105	152	78	112	107	163	84
State final demand	2 933	3 156	2 780	2 971	2 978	3 124	2 823	3 001	2 935

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	445	486	476	498	521	561	549	596	582
Households	717	726	665	716	757	789	735	795	810
Gross fixed capital formation									
Private									
Dwellings	74	77	76	87	116	109	101	109	139
Other buildings and structures	93	76	58	36	58	56	45	62	52
Machinery and equipment	139	112	63	77	58	92	72	76	185
Livestock	7	7	7	7	7	7	7	7	7
Intangible fixed assets	65	77	59	75	65	88	90	112	103
Ownership transfer costs	15	16	14	16	17	27	13	16	20
<i>Total private</i>	393	365	277	297	321	378	327	381	505
Public	67	72	54	73	59	71	48	100	50
State final demand	1 623	1 650	1 471	1 584	1 657	1 799	1 660	1 871	1 947
Compensation of employees	690	754	710	742	748	795	720	793	783

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	447	486	475	497	532	537	540	585	560
Household	721	728	664	711	748	781	724	778	790
Gross fixed capital formation									
Private									
Dwellings	76	78	75	86	114	106	97	106	136
Other buildings and structures	95	75	58	35	57	54	43	60	49
Machinery and equipment	136	113	63	78	59	92	71	74	179
Livestock	6	7	7	7	9	7	7	3	3
Intangible fixed assets	65	77	60	75	64	86	89	110	101
Ownership transfer costs	14	16	15	16	18	18	15	17	17
<i>Total private</i>	395	365	276	297	321	363	322	370	486
Public	66	72	54	74	58	71	48	98	48
State final demand	1 629	1 652	1 468	1 578	1 660	1 752	1 634	1 831	1 884

(a) Reference year for chain volume measures is 1996-97.

	1996-97				1997-98				1998-99
	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

CURRENT PRICES

Final consumption expenditure									
General government	2 291	2 304	2 209	2 476	2 344	2 459	2 218	2 750	2 553
Households	1 422	1 514	1 348	1 449	1 521	1 617	1 453	1 555	1 616
Gross fixed capital formation									
Private									
Dwellings	85	96	76	90	80	93	64	78	81
Other buildings and structures	50	67	45	50	51	59	57	295	56
Machinery and equipment	53	49	53	71	186	53	42	74	86
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	29	30	31	31	31	32	32	33	33
Ownership transfer costs	17	21	20	19	19	21	21	22	18
Total private	234	264	225	261	368	258	217	501	274
Public	110	128	110	156	-23	115	150	-141	177
State final demand	4 058	4 210	3 892	4 343	4 210	4 449	4 038	4 665	4 620
Compensation of employees	1 780	1 754	1 726	1 752	1 797	1 816	1 786	1 804	1 933

CHAIN VOLUME MEASURES (a)

Final consumption expenditure									
General government	2 292	2 295	2 211	2 483	2 351	2 440	2 201	2 729	2 480
Household	1 428	1 511	1 345	1 448	1 515	1 605	1 433	1 517	1 575
Gross fixed capital formation									
Private									
Dwellings	85	96	75	91	81	93	65	78	81
Other buildings and structures	51	67	45	50	50	57	55	284	53
Machinery and equipment	51	48	53	74	195	55	44	78	88
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	29	30	31	32	32	34	34	36	37
Ownership transfer costs	19	19	18	21	20	20	20	21	21
Total private	233	260	223	268	379	260	219	497	280
Public	110	128	111	157	-23	115	148	-138	172
State final demand	4 063	4 195	3 889	4 355	4 221	4 420	4 001	4 605	4 506

(a) Reference year for chain volume measures is 1996-97.

EXPLANATORY NOTES

CONCEPTS, SOURCES AND METHODS

1 Information on concepts, definitions, data sources and methodology for the Australian national accounts in general is contained in the current edition of *Australian National Accounts: Concepts, Sources and Methods* (5216.0) which is now available along with other similar ABS publications on CD-ROM, entitled *Statistical Concepts Reference Library on CD-ROM* (1316.0). Although annual estimates of state accounts are covered in that publication, information relating to quarterly estimates by state is not currently included. However, conceptual issues relevant to annual state accounts also apply to the quarterly estimates.

2 National estimates are based on the concepts and conventions embodied in the publication, *System of National Accounts, 1993* (SNA93). No such standard is available for sub-national (regional/state) accounts. In the main, the national concepts are applicable to state accounts, but there remain a number of conceptual and measurement issues that either do not apply or are insignificant at the national level. These are discussed in detail in *State Accounts, Australia: Issues and Experimental Estimates*, ABS Occasional Paper 1984/4. While it is possible in some cases to derive quarterly estimates by state using the same data sources as used for the Australian estimates (or to derive the Australian estimates as the sum of the states), it is sometimes necessary to derive dissections of the Australian estimate using a variety of allocators. These allocators vary from being fairly closely related to the aggregate being measured to being only indirectly related. Information on some of the more important conceptual, methodological and data issues relating to quarterly estimates by state is provided below.

ACCURACY OF QUARTERLY ESTIMATES

3 The estimates contained in this Standard Data Service (SDS) generally represent dissections of quarterly estimates published for Australia in 5206.0. Therefore, they will reflect any inaccuracies in those estimates as well as inaccuracies introduced by the particular conceptual, methodological and data problems inherent in the allocation of Australian estimates to states and territories. As such, the degree of accuracy and reliability will necessarily be lower than that for the counterpart Australian estimates.

4 Estimates for compensation of employees, household final consumption expenditure and private gross fixed capital formation are based on the results of sample surveys. By their nature, survey results become less accurate as they are disaggregated (for example into states and/or industries). Generally, the ABS surveys used to derive these aggregates are designed to provide accurate estimates at the Australian total level and individual state estimates that are less accurate but still of an acceptable quality. However, it should be noted that relative standard errors are generally higher for the smaller states and territories than they are for the larger states. This may result in greater volatility in the quarterly estimates for the smaller states and the two territories.

5 Estimates of government final consumption expenditure, and general government and public enterprise gross fixed capital formation can be substantially affected by the indicators chosen to apportion the Commonwealth government component to states and territories. Care is required when interpreting these estimates.

REVISIONS

6 Most figures are subject to revision as more complete and accurate information becomes available. Revisions are of two types: those made to recent quarters and those made as a consequence of a redistribution across all quarters within a year following revisions to annual totals.

EXPLANATORY NOTES *continued*

TREND ESTIMATES

7 Given the qualifications regarding the accuracy and reliability of the quarterly national accounts, the ABS considers that trend estimates provide the best guide to the underlying movements, and are more suitable than either the seasonally adjusted or original data for most business decisions and policy advice.

8 A trend estimate is obtained by removing the irregular component from the seasonally adjusted series. For estimates in this publication, it is calculated using a centred 7-term Henderson moving average of the seasonally adjusted series. Estimates for the three most recent quarters cannot be calculated using this centred average method; instead an asymmetric average is used. This can lead to revisions in the trend estimates for the last three quarters when data become available for later quarters, even if none of the original data for earlier quarters has changed.

9 If a series has a high 'irregular' component, then the trend estimates will be subject to greater revision than would otherwise be the case for the latest few quarters as data become available for subsequent quarters. However, it is important to note that this does not make the trend series inferior to the seasonally adjusted or original series. In fact, in such cases the effect of the irregular component on overall movements is likely to be even more marked in the seasonally adjusted and the original estimates than in the trend series.

10 For more information about ABS procedures for deriving trend estimates and an analysis of the advantages of using them over alternative techniques for monitoring trends, refer to *A Guide to Interpreting Time Series—Monitoring 'Trends': an Overview* (1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6345.

Two feature articles which have appeared in the ABS monthly publication *Australian Economic Indicators* (1350.0) may also be of interest:

- *Picking Turning Points in the Economy* (April 1991), and
- *Smarter Data Use* (March 1992).

SEASONALLY ADJUSTED ESTIMATES

11 Data that are affected by seasonal factors are adjusted to remove the effects of these factors. The general methods for doing so are described in Appendix I of *Australian National Accounts: Concepts, Sources and Methods* (5216.0). Two important points should be noted here:

- The methods used in seasonal adjustment do not force the sum of the adjusted estimates for each quarter of a year to equal the original annual total. However, the method used to derive the chain volume measures does produce this property.
- Where chain volume measures have no apparent seasonality in their implicit price deflators, the estimates are adjusted using the corresponding factors for current price estimates.

STATE AND TERRITORY VERSUS AUSTRALIAN SERIES

12 For trend and seasonally adjusted series, the sum of the states and territories generally does not equal the corresponding estimate for 'total Australia', nor are the quarter-to-quarter movements identical. On a few occasions, these differences have been significant, particularly for the seasonally adjusted series. This reflects both the relatively short span of data available for seasonal analysis at the state level and the fact that seasonal analysis was generally carried out at a more aggregated level than for the 'total Australia' series. The state and territory trend and seasonally adjusted series are less accurate than the Australian data. However, as the state and territory time series lengthen, the quarterly movements in the sum of the state estimates should more closely match those in the Australian series.

EXPLANATORY NOTES *continued*

HOUSEHOLD FINAL CONSUMPTION AND PRIVATE GROSS FIXED CAPITAL FORMATION

13 State estimates of household final consumption expenditure and private gross fixed capital formation are derived largely from the same sources as used for the Australian estimates, although a higher degree of approximation is required. In the case of household final consumption expenditure, data sources for major components such as household goods, dwelling rent, purchase of motor vehicles, fares, and purchases of gas, electricity and fuel are available quarterly by state.

14 State and territory estimates of private gross fixed capital formation for dwellings and other buildings and structures are derived using data from the ABS quarterly surveys of Building Activity and Engineering Construction, while expenditure on machinery and equipment is derived from the quarterly Survey of Private New Capital Expenditure. Ownership transfer costs are derived from data supplied by the various State Stamp Duty Offices, and various other data such as the number of real estate property transfers by state and territory. Essentially, these are the same data sources used to prepare the Australian estimates. State estimates for livestock are based on data from the ABS Agricultural Census, the survey of Livestock Slaughtering and ABARE surveys. State estimates of exploration expenditure are derived from the ABS quarterly survey of Actual and Expected Private Mineral Exploration. State estimates of music originals are based on data supplied by the Australian Recording Industry Association. Other categories of intangible assets are estimated by state using a variety of indirect indicators, such as mean population by state and employment by state.

COMMONWEALTH GOVERNMENT FINAL CONSUMPTION AND GROSS FIXED CAPITAL FORMATION

15 The treatment of Commonwealth government final expenditures in regional accounting is rather problematic. Alternative treatments are to attribute final expenditures to the region in which the expenditure was incurred, or to the region in which the beneficiaries reside, or even to consider the Commonwealth government consumer unit as extra-territorial and therefore to exclude it from all regions. For practical reasons the first approach has been adopted in this Standard Data Service, although it still requires extensive use of indirect indicators. An implication is that a large proportion of the consumption of Commonwealth government services is included in State final demand for the ACT. Estimates for Commonwealth government expenditures in the states on both an annual and a quarterly basis therefore have to be treated with considerable caution.

16 The wages and salaries component of Commonwealth government final consumption expenditure is directly apportioned to states using data from the ABS Survey of Employment and Earnings and information supplied by the Department of Defence. Expenditures on goods and services classified to defence are allocated according to population while non-defence purchases are allocated on the basis of Commonwealth general government employment by state and territory.

17 For Commonwealth general government gross fixed capital formation, Australian estimates are first subdivided into expenditure on construction and expenditure on machinery and equipment. The Australia level construction expenditure component is generally allocated to states and territories using population by state as an indicator. Expenditure on machinery and equipment is allocated using Commonwealth general government employment by state and territory.

EXPLANATORY NOTES *continued*

COMMONWEALTH ENTERPRISES GROSS FIXED CAPITAL FORMATION

18 Various allocators are applied at the individual enterprise level for Commonwealth public enterprise gross fixed capital formation. Direct allocators are used in a few cases where enterprises operated wholly in one state or territory. For Telstra, state data for construction activity are available by quarter from the ABS Building Activity and Engineering Construction Surveys. Indirect indicators derived from annual estimates are used to allocate gross fixed capital formation by state for the remaining Commonwealth enterprises. For example, purchases of ships and aircraft are allocated using annual state shares for general freight and passenger activity through ports and airports in each state and territory.

OCCASIONAL PAPER

19 The following Occasional Paper, which discusses issues specific to state accounts, is available at ABS offices:

- *State Accounts, Australia: Issues and Experimental Estimates* — S. Burrell, J. Daniel, A. Johnson and R. Walters (1984/4)

RELATED PUBLICATIONS

20 In addition to the publications already mentioned, others of interest include:

- *Australian National Accounts: National Income, Expenditure and Product* (5204.0)—annual
- *Australian National Accounts: Capital Stock* (5221.0)—annual
- *Australian National Accounts: Multifactor Productivity* (5234.0)—annual
- *Australian National Accounts: Financial Accounts* (5232.0)—quarterly
- *Australian National Accounts: National Balance Sheet* (5241.0)—annual
- *A Guide to the Australian National Accounts* (5235.0).

21 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a Release Advice (1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

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