



Australian National Accounts

Quarterly State Details

December Quarter 1999

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INQUIRIES

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INTRODUCTION

NEXT ISSUE

The March quarter 2000 issue of this publication is expected to be released on 16 June 2000. In addition to the breakdown of state final demand that is currently shown for each State and Territory, the March quarter 2000 and subsequent issues will contain quarterly current price and chain volumes estimates of international trade of imports and exports of goods.

CHANGES IN THIS ISSUE

The method for seasonally adjusting the chain volume estimates of household final consumption expenditure has been reviewed, and the current price seasonal factors are now used for all States and Territories except the Northern Territory. The new machinery and equipment component of private gross fixed capital formation has been seasonally re-analysed using data up to the December quarter 1999.

INTRODUCTION OF ACCRUAL ACCOUNTING FOR THE GENERAL GOVERNMENT SECTOR

From September quarter 1999, data for the general government sector are being compiled, as far as possible, on an accrual basis, although data for Tasmania and the Northern Territory State and local government transactions are still on a cash basis. Previously, most general government data were compiled on a cash basis, with accrual adjustments made in only selected cases where supplementary data were available. For those series for which accrual adjustments were not previously made, it is not possible to recompile all previous quarters on a consistent basis. Consequently, there will be uncertainty surrounding the seasonal factors for some of the affected series for the next three or so years. For some aggregates there are minimal effects arising from the change to accrual accounting and the existing seasonal factors will continue to be appropriate. However, for some aggregates the accrual basis involves a significantly different seasonal pattern and it will take some time to establish stable seasonal factors for the periods from September quarter 1999. Revisions to the seasonal factors, and consequently the seasonally adjusted estimates, for these series can be expected as additional data on the new basis become available. It is also likely that the original data for some aggregates will be subject to greater revision than has previously been the case because it will take time for general government accounting systems to fully adjust to the new accrual basis.

Data relating to Queensland and Western Australian State and local government transactions for the September and December quarters 1999 have been estimated by the ABS using budget forecasts and other indicators, due to the unavailability of data from the relevant State Treasuries.

STATE FINAL DEMAND, New South Wales: Trend

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	8 044	8 174	8 218	8 235	8 337	8 577	8 847	8 960	8 906
Households	29 297	29 624	29 943	30 334	30 797	31 303	31 817	32 329	32 809
Gross fixed capital formation									
Private									
Dwellings	2 433	2 625	2 788	2 879	2 911	2 969	3 047	3 097	3 098
Other buildings and structures	1 571	1 634	1 697	1 732	1 819	1 931	1 971	1 943	1 898
Machinery and equipment	3 591	3 683	3 581	3 516	3 542	3 580	3 578	3 576	3 593
Livestock	84	86	93	103	110	112	113	115	118
Intangible fixed assets	709	751	786	821	863	913	964	1 013	1 060
Ownership transfer costs	732	718	693	701	737	780	818	851	882
<i>Total private</i>	9 120	9 496	9 637	9 752	9 984	10 285	10 491	10 596	10 633
Public	1 997	1 987	1 994	2 015	2 071	2 171	2 297	2 407	2 469
State final demand	48 457	49 281	49 792	50 336	51 188	52 336	53 438	54 285	54 888
Compensation of employees	24 174	24 479	24 816	25 221	25 726	26 065	26 354	26 720	27 150

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	8 072	8 174	8 154	8 096	8 140	8 327	8 558	8 633	8 565
Households	29 379	29 581	29 759	30 010	30 341	30 710	31 107	31 527	31 917
Gross fixed capital formation									
Private									
Dwellings	2 434	2 608	2 756	2 834	2 850	2 879	2 917	2 926	2 891
Other buildings and structures	1 576	1 617	1 661	1 671	1 735	1 832	1 867	1 832	1 781
Machinery and equipment	3 614	3 660	3 520	3 433	3 473	3 565	3 644	3 717	3 784
Livestock	84	86	94	107	114	117	121	128	133
Intangible fixed assets	703	755	801	849	904	970	1 039	1 107	1 174
Ownership transfer costs	724	717	717	719	720	732	753	778	803
<i>Total private</i>	9 135	9 447	9 550	9 611	9 797	10 095	10 338	10 489	10 564
Public	1 996	1 984	1 989	2 016	2 078	2 188	2 342	2 480	2 551
State final demand	48 583	49 186	49 453	49 735	50 355	51 320	52 328	53 121	53 635

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Victoria: Trend

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	5 505	5 536	5 573	5 632	5 702	5 773	5 856	5 946	6 065
Households	21 101	21 323	21 536	21 827	22 161	22 511	22 898	23 307	23 719
Gross fixed capital formation									
Private									
Dwellings	1 669	1 753	1 825	1 885	1 949	2 049	2 133	2 176	2 191
Other buildings and structures	1 002	1 123	1 264	1 358	1 374	1 343	1 292	1 240	1 201
Machinery and equipment	2 951	2 950	2 906	2 822	2 811	2 856	2 893	2 882	2 845
Livestock	76	76	75	74	73	73	77	81	85
Intangible fixed assets	499	532	557	583	614	649	685	719	752
Ownership transfer costs	431	419	393	395	418	452	463	451	435
<i>Total private</i>	6 628	6 853	7 019	7 118	7 238	7 423	7 544	7 549	7 488
Public	1 134	1 131	1 182	1 219	1 243	1 263	1 319	1 411	1 476
State final demand	34 367	34 843	35 310	35 795	36 345	36 969	37 613	38 211	38 796
Compensation of employees	16 972	17 273	17 667	18 077	18 445	18 701	18 877	19 069	19 253

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	5 523	5 532	5 542	5 569	5 598	5 634	5 704	5 775	5 835
Households	21 129	21 278	21 442	21 702	21 998	22 284	22 592	22 928	23 259
Gross fixed capital formation									
Private									
Dwellings	1 671	1 748	1 815	1 871	1 922	1 998	2 049	2 060	2 046
Other buildings and structures	1 002	1 111	1 241	1 330	1 348	1 317	1 259	1 194	1 147
Machinery and equipment	2 976	2 946	2 876	2 780	2 784	2 873	2 968	3 002	2 985
Livestock	76	76	76	76	76	77	82	89	94
Intangible fixed assets	495	535	568	603	644	691	739	788	834
Ownership transfer costs	430	440	427	402	395	407	412	409	404
<i>Total private</i>	6 660	6 849	6 995	7 058	7 169	7 364	7 511	7 542	7 497
Public	1 137	1 129	1 177	1 218	1 248	1 277	1 351	1 463	1 549
State final demand	34 353	34 938	35 495	35 730	36 026	36 527	37 151	37 706	38 182

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Queensland: Trend

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	3 975	4 048	4 111	4 185	4 266	4 295	4 321	4 370	4 453
Households	14 389	14 640	14 883	15 155	15 412	15 612	15 767	15 905	16 045
Gross fixed capital formation									
Private									
Dwellings	1 474	1 493	1 500	1 483	1 426	1 344	1 312	1 336	1 401
Other buildings and structures	899	903	939	944	961	1 027	1 079	1 072	1 021
Machinery and equipment	1 663	1 579	1 560	1 739	1 984	2 075	1 955	1 753	1 653
Livestock	72	76	89	109	123	126	126	129	132
Intangible fixed assets	228	223	220	227	242	254	262	270	278
Ownership transfer costs	304	310	314	317	324	333	342	350	357
<i>Total private</i>	4 640	4 582	4 622	4 820	5 060	5 160	5 077	4 912	4 774
Public	1 430	1 426	1 493	1 580	1 653	1 670	1 694	1 738	1 783
State final demand	24 435	24 696	25 108	25 740	26 391	26 737	26 857	26 925	27 043
Compensation of employees	11 046	11 227	11 482	11 721	11 876	11 918	11 956	12 086	12 287

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	3 987	4 043	4 082	4 127	4 186	4 197	4 209	4 238	4 294
Households	14 411	14 609	14 812	15 055	15 285	15 455	15 582	15 698	15 819
Gross fixed capital formation									
Private									
Dwellings	1 472	1 491	1 499	1 482	1 426	1 342	1 302	1 315	1 367
Other buildings and structures	900	900	933	932	941	999	1 043	1 031	978
Machinery and equipment	1 685	1 576	1 532	1 687	1 920	2 029	1 952	1 791	1 703
Livestock	72	75	90	112	126	130	132	138	142
Intangible fixed assets	227	224	224	234	251	267	279	291	304
Ownership transfer costs	308	304	296	289	291	300	311	322	334
<i>Total private</i>	4 665	4 568	4 571	4 735	4 956	5 067	5 019	4 890	4 781
Public	1 432	1 426	1 489	1 576	1 651	1 677	1 715	1 772	1 821
State final demand	24 495	24 644	24 952	25 492	26 078	26 397	26 523	26 598	26 720

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, South Australia: Trend

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	1 965	1 991	2 044	2 105	2 123	2 134	2 197	2 310	2 413
Households	6 043	6 131	6 216	6 292	6 334	6 356	6 403	6 485	6 586
Gross fixed capital formation									
Private									
Dwellings	343	349	371	387	386	388	406	437	458
Other buildings and structures	356	374	363	307	236	230	263	297	303
Machinery and equipment	788	775	721	667	649	664	671	650	624
Livestock	23	24	25	26	28	28	28	29	30
Intangible fixed assets	107	117	123	125	126	127	128	130	132
Ownership transfer costs	90	93	94	97	97	94	96	104	114
<i>Total private</i>	1 708	1 731	1 697	1 609	1 521	1 532	1 593	1 647	1 657
Public	342	304	288	315	345	355	382	407	420
State final demand	10 057	10 157	10 245	10 322	10 323	10 377	10 572	10 847	11 119
Compensation of employees	4 727	4 722	4 716	4 740	4 797	4 873	4 942	4 979	4 991

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	1 973	1 989	2 030	2 075	2 079	2 078	2 135	2 238	2 310
Households	6 052	6 123	6 185	6 240	6 264	6 265	6 286	6 344	6 422
Gross fixed capital formation									
Private									
Dwellings	346	346	362	376	373	372	384	407	421
Other buildings and structures	357	374	361	301	232	233	268	299	299
Machinery and equipment	800	770	705	646	628	650	666	652	627
Livestock	23	24	25	27	29	29	30	33	34
Intangible fixed assets	106	117	124	128	131	133	136	139	143
Ownership transfer costs	91	90	89	90	94	97	100	103	107
<i>Total private</i>	1 724	1 721	1 667	1 571	1 485	1 505	1 573	1 624	1 627
Public	332	298	287	315	348	362	393	422	437
State final demand	10 081	10 130	10 168	10 200	10 176	10 210	10 382	10 626	10 836

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Western Australia: Trend

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 408	2 376	2 357	2 403	2 447	2 499	2 534	2 555	2 569
Households	7 726	7 819	7 916	8 022	8 103	8 132	8 169	8 246	8 356
Gross fixed capital formation									
Private									
Dwellings	748	775	796	818	834	857	894	942	992
Other buildings and structures	892	966	991	923	846	808	795	780	751
Machinery and equipment	1 731	1 842	1 853	1 731	1 568	1 484	1 470	1 461	1 420
Livestock	45	46	47	49	51	51	52	53	54
Intangible fixed assets	380	404	408	396	390	385	374	368	375
Ownership transfer costs	240	254	243	219	209	222	230	228	218
<i>Total private</i>	4 035	4 286	4 338	4 137	3 898	3 807	3 817	3 833	3 798
Public	713	693	700	693	689	728	822	921	969
State final demand	14 883	15 174	15 311	15 254	15 136	15 166	15 340	15 554	15 726
Compensation of employees	6 259	6 441	6 589	6 685	6 756	6 841	6 966	7 114	7 277

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 413	2 374	2 341	2 372	2 400	2 437	2 460	2 467	2 466
Households	7 742	7 808	7 876	7 960	8 029	8 038	8 045	8 091	8 171
Gross fixed capital formation									
Private									
Dwellings	751	776	793	807	815	831	858	894	928
Other buildings and structures	901	976	997	920	839	804	789	765	725
Machinery and equipment	1 765	1 837	1 811	1 666	1 496	1 423	1 431	1 441	1 412
Livestock	45	45	48	51	53	54	56	60	62
Intangible fixed assets	378	403	409	398	393	389	377	370	375
Ownership transfer costs	240	236	231	228	230	235	239	239	236
<i>Total private</i>	4 080	4 278	4 293	4 072	3 825	3 736	3 752	3 769	3 733
Public	696	661	668	679	687	725	827	935	992
State final demand	14 932	15 105	15 164	15 081	14 944	14 936	15 081	15 261	15 394

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Tasmania: Trend

	1997-98			1998-99			1999-00 .		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	635	648	658	672	685	707	733	744	745
Households	1 859	1 875	1 877	1 881	1 896	1 920	1 941	1 954	1 962
Gross fixed capital formation									
Private									
Dwellings	102	98	94	91	90	91	94	99	102
Other buildings and structures	54	51	49	47	50	56	58	55	50
Machinery and equipment	172	159	143	127	120	124	130	131	125
Livestock	10	11	11	12	13	13	13	14	14
Intangible fixed assets	24	32	37	35	27	23	24	24	25
Ownership transfer costs	16	16	17	18	18	19	19	20	21
<i>Total private</i>	376	366	352	330	318	322	335	339	335
Public	127	131	133	131	125	119	117	120	125
State final demand	2 999	3 021	3 021	3 013	3 025	3 072	3 130	3 160	3 171
Compensation of employees	1 319	1 333	1 357	1 379	1 391	1 385	1 376	1 368	1 367

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	637	649	654	662	672	691	714	721	719
Households	1 866	1 874	1 868	1 865	1 875	1 897	1 917	1 930	1 938
Gross fixed capital formation									
Private									
Dwellings	102	98	94	91	91	92	95	99	102
Other buildings and structures	54	51	49	46	49	55	58	55	50
Machinery and equipment	173	158	139	122	115	121	129	132	127
Livestock	10	10	11	12	13	13	14	15	16
Intangible fixed assets	24	33	38	36	28	24	26	26	27
Ownership transfer costs	16	16	16	15	15	16	16	17	17
<i>Total private</i>	380	366	348	324	311	317	333	341	339
Public	126	132	135	132	126	121	120	124	129
State final demand	3 010	3 021	3 005	2 983	2 985	3 026	3 085	3 116	3 124

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Northern Territory: Trend

	1997-98			1998-99			1999-00		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	546	563	575	580	579	580	598	622	644
Households	769	786	797	806	817	830	841	849	856
Gross fixed capital formation									
Private									
Dwellings	103	107	115	127	137	140	130	115	101
Other buildings and structures	93	109	210	331	366	310	217	155	129
Machinery and equipment	68	75	85	100	110	104	92	88	93
Livestock	9	10	12	14	16	17	17	17	17
Intangible fixed assets	72	84	90	83	66	54	59	69	75
Ownership transfer costs	20	19	17	16	17	18	16	13	10
<i>Total private</i>	365	403	529	672	712	643	532	457	425
Public	99	108	111	109	104	102	105	110	114
State final demand	1 779	1 860	2 012	2 166	2 212	2 155	2 076	2 039	2 041
Compensation of employees	756	764	766	792	840	892	913	904	882

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	548	563	572	572	569	568	584	606	622
Households	770	785	794	801	810	822	832	839	845
Gross fixed capital formation									
Private									
Dwellings	103	106	114	125	134	138	128	112	99
Other buildings and structures	90	103	202	324	365	315	222	154	123
Machinery and equipment	71	74	82	97	106	102	91	88	92
Livestock	9	10	12	15	17	17	17	18	18
Intangible fixed assets	73	85	91	83	65	54	58	68	75
Ownership transfer costs	18	18	18	18	19	19	19	18	17
<i>Total private</i>	363	396	520	663	706	640	528	453	424
Public	96	106	110	107	103	102	106	112	116
State final demand	1 778	1 850	1 995	2 144	2 188	2 131	2 051	2 010	2 009

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Australian Capital Territory: **Trend**

	1997-98			1998-99			1999-00		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 447	2 483	2 524	2 570	2 614	2 667	2 749	2 830	2 926
Households	1 519	1 540	1 559	1 582	1 603	1 617	1 632	1 651	1 669
Gross fixed capital formation									
Private									
Dwellings	80	79	79	80	85	96	107	114	114
Other buildings and structures	52	56	62	70	73	65	57	59	66
Machinery and equipment	54	49	51	61	64	64	69	78	83
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	42	45	48	50	52	56	59	62	65
Ownership transfer costs	20	21	21	20	21	22	25	27	29
<i>Total private</i>	249	249	260	282	295	303	317	340	360
Public	123	123	119	122	121	123	116	109	105
State final demand	4 338	4 395	4 462	4 556	4 633	4 710	4 814	4 929	5 059
Compensation of employees	1 813	1 856	1 911	1 949	1 972	1 973	1 963	1 953	1 947

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 458	2 488	2 511	2 537	2 578	2 628	2 700	2 762	2 833
Households	1 524	1 535	1 545	1 563	1 581	1 593	1 605	1 618	1 629
Gross fixed capital formation									
Private									
Dwellings	81	79	79	79	84	94	105	111	111
Other buildings and structures	52	56	61	69	71	64	56	57	64
Machinery and equipment	52	48	50	60	63	64	70	79	85
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	42	45	49	52	55	59	64	69	73
Ownership transfer costs	20	21	21	21	22	23	24	26	27
<i>Total private</i>	248	247	257	280	295	304	318	341	361
Public	126	122	113	118	119	124	118	112	110
State final demand	4 355	4 391	4 428	4 498	4 574	4 650	4 742	4 833	4 923

— nil or rounded to zero (including null cells)

(a) Reference year for chain volume measures is 1997-98.

COMPENSATION OF EMPLOYEES—Percentage changes : Trend

	1997-98		1998-99			1999-00		Dec 98 to Dec 99
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	
	%	%	%	%	%	%	%	%	
New South Wales	1.3	1.4	1.6	2.0	1.3	1.1	1.4	1.6	5.5
Victoria	1.8	2.3	2.3	2.0	1.4	0.9	1.0	1.0	4.4
Queensland	1.6	2.3	2.1	1.3	0.4	0.3	1.1	1.7	3.5
South Australia	-0.1	-0.1	0.5	1.2	1.6	1.4	0.7	0.2	4.0
Western Australia	2.9	2.3	1.5	1.1	1.3	1.8	2.1	2.3	7.7
Tasmania	1.1	1.8	1.6	0.9	-0.4	-0.6	-0.6	-0.1	-1.7
Northern Territory	1.0	0.3	3.4	6.1	6.2	2.4	-1.0	-2.5	4.9
Australian Capital Territory	2.4	2.9	2.0	1.2	—	-0.5	-0.5	-0.3	-1.3

— nil or rounded to zero (including null cells)

STATE FINAL DEMAND AND COMPONENTS, Chain Volume Measures(a)—Percentage changes : Trend

	1997-98		1998-99			1999-00		Dec 98 to Dec 99
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	
	%	%	%	%	%	%	%	%	
HOUSEHOLD FINAL CONSUMPTION EXPENDITURE									
New South Wales	0.7	0.6	0.8	1.1	1.2	1.3	1.3	1.2	5.2
Victoria	0.7	0.8	1.2	1.4	1.3	1.4	1.5	1.4	5.7
Queensland	1.4	1.4	1.6	1.5	1.1	0.8	0.7	0.8	3.5
South Australia	1.2	1.0	0.9	0.4	—	0.3	0.9	1.2	2.5
Western Australia	0.8	0.9	1.1	0.9	0.1	0.1	0.6	1.0	1.8
Tasmania	0.5	-0.4	-0.2	0.6	1.2	1.1	0.7	0.4	3.4
Northern Territory	2.1	1.1	0.8	1.2	1.4	1.2	0.9	0.8	4.4
Australian Capital Territory	0.7	0.7	1.1	1.2	0.8	0.7	0.8	0.7	3.0
PRIVATE GROSS FIXED CAPITAL FORMATION									
New South Wales	3.4	1.1	0.6	1.9	3.0	2.4	1.5	0.7	7.8
Victoria	2.8	2.1	0.9	1.6	2.7	2.0	0.4	-0.6	4.6
Queensland	-2.1	0.1	3.6	4.7	2.2	-0.9	-2.6	-2.2	-3.5
South Australia	-0.2	-3.2	-5.8	-5.5	1.4	4.5	3.3	0.2	9.6
Western Australia	4.9	0.3	-5.2	-6.1	-2.3	0.4	0.5	-1.0	-2.4
Tasmania	-3.7	-5.0	-6.9	-4.0	2.1	5.0	2.3	-0.6	9.0
Northern Territory	9.0	31.3	27.6	6.4	-9.4	-17.4	-14.3	-6.4	-40.0
Australian Capital Territory	-0.5	4.3	8.8	5.4	3.1	4.5	7.3	5.8	22.4
PUBLIC FINAL DEMAND									
New South Wales	0.9	-0.1	-0.3	1.0	2.9	3.7	1.9	-0.1	8.7
Victoria	2.8	4.0	-0.9	-1.5	0.2	2.6	2.6	1.9	7.4
Queensland	0.9	1.9	2.4	2.4	0.6	0.8	1.4	1.8	4.8
South Australia	-0.7	1.3	3.2	1.4	0.2	3.6	5.3	3.2	12.8
Western Australia	-2.8	-0.8	1.6	1.3	2.3	4.0	3.5	1.3	11.6
Tasmania	2.3	1.1	0.8	0.4	1.2	2.7	1.4	0.6	6.1
Northern Territory	3.7	1.9	-0.1	-1.4	-0.8	2.9	4.2	3.0	9.6
Australian Capital Territory	1.0	0.6	1.1	1.6	2.0	2.4	1.9	2.0	8.7
STATE FINAL DEMAND									
New South Wales	1.2	0.5	0.6	1.2	1.9	2.0	1.5	1.0	6.5
Victoria	1.7	1.6	0.7	0.8	1.4	1.7	1.5	1.3	6.0
Queensland	0.6	1.2	2.2	2.3	1.2	0.5	0.3	0.5	2.5
South Australia	0.5	0.4	0.3	-0.2	0.3	1.7	2.4	2.0	6.5
Western Australia	1.2	0.4	-0.5	-0.9	-0.1	1.0	1.2	0.9	3.0
Tasmania	0.4	-0.5	-0.7	0.1	1.4	2.0	1.0	0.2	4.6
Northern Territory	4.1	7.8	7.5	2.1	-2.6	-3.8	-2.0	-0.1	-8.2
Australian Capital Territory	0.8	0.8	1.6	1.7	1.7	2.0	1.9	1.9	7.6

— nil or rounded to zero (including null cells)

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

STATE FINAL DEMAND, New South Wales: **Seasonally Adjusted**

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	8 156	7 977	8 323	8 443	7 927	8 750	8 927	8 988	8 819
Households	29 384	29 649	29 837	30 394	30 770	31 344	31 728	32 446	32 752
Gross fixed capital formation									
Private									
Dwellings	2 432	2 607	2 800	2 951	2 831	2 976	3 032	3 189	3 016
Other buildings and structures	1 555	1 686	1 825	1 650	1 916	1 800	2 342	1 887	1 855
Machinery and equipment	3 616	3 764	3 546	3 512	3 344	3 935	3 356	3 555	3 710
Livestock	86	86	86	111	111	111	111	117	117
Intangible fixed assets	708	755	787	817	863	914	965	1 015	1 059
Ownership transfer costs	735	707	714	680	704	859	760	859	906
<i>Total private</i>	9 131	9 605	9 757	9 720	9 769	10 594	10 567	10 621	10 664
Public	2 009	2 007	1 895	1 916	2 199	2 076	2 091	2 461	2 472
State final demand	48 681	49 237	49 812	50 473	50 665	52 764	53 312	54 517	54 707
Compensation of employees	24 561	24 402	24 677	25 281	25 744	26 147	26 298	26 586	27 321

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	8 209	7 987	8 270	8 262	7 762	8 495	8 627	8 641	8 493
Households	29 484	29 609	29 638	30 070	30 327	30 745	31 016	31 612	31 910
Gross fixed capital formation									
Private									
Dwellings	2 431	2 590	2 769	2 905	2 770	2 892	2 904	3 008	2 813
Other buildings and structures	1 561	1 667	1 787	1 588	1 830	1 696	2 227	1 779	1 730
Machinery and equipment	3 638	3 739	3 489	3 422	3 277	3 908	3 425	3 711	3 909
Livestock	86	86	86	115	115	115	115	133	133
Intangible fixed assets	702	760	802	844	904	970	1 040	1 108	1 174
Ownership transfer costs	694	723	726	710	720	734	753	769	817
<i>Total private</i>	9 116	9 570	9 655	9 585	9 616	10 315	10 463	10 508	10 577
Public	2 017	1 997	1 896	1 919	2 209	2 098	2 121	2 557	2 568
State final demand	48 824	49 166	49 460	49 836	49 914	51 653	52 227	53 319	53 549

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Victoria: **Seasonally Adjusted**

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
CURRENT PRICES									
Final consumption expenditure									
General government	5 504	5 494	5 693	5 457	5 828	5 759	5 812	5 954	6 097
Households	21 171	21 264	21 525	21 834	22 158	22 542	22 836	23 343	23 728
Gross fixed capital formation									
Private									
Dwellings	1 651	1 767	1 857	1 830	1 986	2 025	2 121	2 261	2 112
Other buildings and structures	947	1 104	1 292	1 507	1 394	1 244	1 548	1 146	1 208
Machinery and equipment	3 078	2 947	2 906	3 289	2 819	2 846	2 887	2 966	2 754
Livestock	76	76	76	74	74	74	74	84	84
Intangible fixed assets	500	535	556	581	611	655	679	722	752
Ownership transfer costs	393	433	401	375	403	488	453	454	430
<i>Total private</i>	6 644	6 862	7 088	7 656	7 287	7 331	7 762	7 633	7 339
Public	1 144	1 156	1 115	659	1 256	1 202	1 222	1 396	1 518
State final demand	34 464	34 776	35 422	35 606	36 530	36 834	37 632	38 325	38 682
Compensation of employees	16 984	17 330	17 532	18 191	18 425	18 714	18 882	19 024	19 302

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	5 529	5 490	5 639	5 428	5 713	5 611	5 642	5 815	5 877
Households	21 195	21 226	21 407	21 721	22 004	22 320	22 518	22 960	23 290
Gross fixed capital formation									
Private									
Dwellings	1 654	1 760	1 845	1 817	1 962	1 975	2 037	2 141	1 968
Other buildings and structures	953	1 088	1 270	1 475	1 367	1 218	1 516	1 097	1 147
Machinery and equipment	3 107	2 938	2 874	3 243	2 787	2 849	2 979	3 091	2 895
Livestock	76	76	76	77	77	77	77	95	95
Intangible fixed assets	496	538	568	601	641	697	734	791	835
Ownership transfer costs	414	475	413	394	403	389	444	392	403
<i>Total private</i>	6 707	6 867	7 033	7 607	7 237	7 205	7 785	7 606	7 342
Public	1 153	1 149	1 111	670	1 264	1 218	1 246	1 463	1 587
State final demand	34 438	35 036	35 719	35 425	36 218	36 353	37 191	37 843	38 096

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Queensland: **Seasonally Adjusted**

	1997-98			1998-99			1999-00		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	4 028	3 981	4 175	4 122	4 301	4 305	4 346	4 257	4 558
Households	14 434	14 582	14 935	15 106	15 409	15 705	15 673	15 942	16 055
Gross fixed capital formation									
Private									
Dwellings	1 463	1 474	1 527	1 473	1 437	1 356	1 283	1 286	1 476
Other buildings and structures	872	914	1 037	957	994	887	1 282	1 088	923
Machinery and equipment	1 754	1 457	1 653	1 633	1 894	2 432	1 727	1 777	1 624
Livestock	75	75	75	123	123	123	123	131	131
Intangible fixed assets	227	222	221	221	240	266	255	265	287
Ownership transfer costs	309	311	310	320	320	333	347	346	359
<i>Total private</i>	4 700	4 452	4 823	4 727	5 009	5 397	5 018	4 894	4 799
Public	1 516	1 360	1 405	1 591	1 654	1 710	1 566	1 754	1 821
State final demand	24 678	24 375	25 337	25 546	26 373	27 117	26 603	26 848	27 233
Compensation of employees	11 035	11 288	11 396	11 722	12 023	11 816	11 958	12 024	12 360

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	4 053	3 970	4 152	4 057	4 221	4 206	4 235	4 126	4 405
Households	14 449	14 548	14 860	15 016	15 272	15 555	15 493	15 720	15 843
Gross fixed capital formation									
Private									
Dwellings	1 461	1 472	1 527	1 471	1 436	1 354	1 277	1 263	1 440
Other buildings and structures	871	910	1 031	942	973	861	1 242	1 045	881
Machinery and equipment	1 775	1 454	1 626	1 581	1 833	2 369	1 727	1 831	1 684
Livestock	75	75	75	127	127	127	127	142	142
Intangible fixed assets	225	225	225	228	250	280	271	287	314
Ownership transfer costs	305	308	299	284	287	308	310	315	343
<i>Total private</i>	4 714	4 439	4 778	4 633	4 905	5 300	4 954	4 884	4 804
Public	1 519	1 359	1 406	1 586	1 654	1 716	1 585	1 795	1 861
State final demand	24 735	24 313	25 195	25 292	26 051	26 777	26 267	26 525	26 913

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, South Australia: **Seasonally Adjusted**

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	1 963	2 000	2 011	2 122	2 161	2 133	2 089	2 404	2 416
Households	6 032	6 134	6 211	6 300	6 336	6 380	6 347	6 499	6 609
Gross fixed capital formation									
Private									
Dwellings	339	359	341	422	386	368	396	467	442
Other buildings and structures	309	456	323	307	268	188	245	424	220
Machinery and equipment	830	771	746	619	652	696	627	715	570
Livestock	24	24	24	28	28	28	28	29	29
Intangible fixed assets	106	120	123	123	129	125	129	127	134
Ownership transfer costs	89	94	95	94	98	101	86	104	123
<i>Total private</i>	1 698	1 823	1 652	1 592	1 562	1 505	1 511	1 867	1 520
Public	411	199	329	321	341	351	354	401	437
State final demand	10 104	10 156	10 203	10 334	10 399	10 370	10 301	11 170	10 982
Compensation of employees	4 755	4 670	4 738	4 751	4 764	4 874	4 978	4 977	4 971

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	1 977	1 999	1 996	2 087	2 126	2 064	2 034	2 327	2 336
Households	6 044	6 129	6 181	6 243	6 262	6 302	6 225	6 345	6 461
Gross fixed capital formation									
Private									
Dwellings	342	353	333	409	374	353	375	435	406
Other buildings and structures	310	458	320	302	262	183	239	416	214
Machinery and equipment	836	764	731	599	632	678	625	720	573
Livestock	24	24	24	29	29	29	29	34	34
Intangible fixed assets	105	120	124	125	134	131	137	136	145
Ownership transfer costs	91	90	89	88	95	98	99	101	111
<i>Total private</i>	1 708	1 810	1 622	1 553	1 524	1 473	1 504	1 843	1 482
Public	406	195	327	322	345	358	363	418	456
State final demand	10 136	10 131	10 125	10 205	10 256	10 197	10 126	10 933	10 735

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Western Australia: **Seasonally Adjusted**

	1997-98			1998-99			1999-00		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 301	2 375	2 376	2 369	2 489	2 450	2 590	2 520	2 580
Households	7 736	7 796	7 927	8 017	8 101	8 179	8 127	8 197	8 432
Gross fixed capital formation									
Private									
Dwellings	737	796	784	821	827	889	838	980	990
Other buildings and structures	901	3 131	956	964	842	724	908	779	708
Machinery and equipment	1 702	1 887	1 820	1 845	1 459	1 453	1 521	1 489	1 362
Livestock	45	45	45	51	51	51	51	54	54
Intangible fixed assets	363	445	411	361	401	413	343	367	391
Ownership transfer costs	211	301	223	220	197	227	240	227	212
<i>Total private</i>	3 959	6 605	4 240	4 261	3 777	3 757	3 902	3 895	3 716
Public	725	-1 444	679	753	668	675	817	946	968
State final demand	14 722	15 332	15 222	15 400	15 035	15 062	15 436	15 558	15 696
Compensation of employees	6 227	6 461	6 625	6 645	6 795	6 793	7 001	7 070	7 316

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 310	2 370	2 361	2 340	2 440	2 388	2 513	2 436	2 474
Households	7 759	7 789	7 879	7 956	8 021	8 102	7 996	8 033	8 261
Gross fixed capital formation									
Private									
Dwellings	739	798	781	810	807	859	806	934	922
Other buildings and structures	902	3 129	954	962	837	709	890	752	680
Machinery and equipment	1 729	1 881	1 783	1 768	1 393	1 387	1 483	1 474	1 354
Livestock	45	45	45	53	53	53	53	62	62
Intangible fixed assets	360	444	411	363	404	418	347	369	390
Ownership transfer costs	242	233	235	226	228	239	239	242	232
<i>Total private</i>	4 010	6 550	4 207	4 182	3 722	3 665	3 818	3 835	3 641
Public	738	-1 499	677	731	667	683	835	971	993
State final demand	14 838	15 150	15 133	15 210	14 850	14 838	15 162	15 275	15 370

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Tasmania: **Seasonally Adjusted**

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	639	618	698	655	674	722	725	756	737
Households	1 859	1 876	1 885	1 879	1 875	1 946	1 932	1 955	1 965
Gross fixed capital formation									
Private									
Dwellings	107	98	90	91	93	87	96	99	102
Other buildings and structures	54	49	55	42	50	51	72	47	49
Machinery and equipment	167	164	130	153	91	131	144	121	124
Livestock	10	10	10	13	13	13	13	14	14
Intangible fixed assets	19	22	59	23	26	26	22	24	26
Ownership transfer costs	15	16	15	19	18	18	20	19	22
<i>Total private</i>	373	360	361	342	290	326	367	325	337
Public	132	129	139	119	143	107	104	125	125
State final demand	3 003	2 983	3 083	2 994	2 982	3 101	3 128	3 161	3 165
Compensation of employees	1 326	1 303	1 387	1 361	1 402	1 378	1 391	1 343	1 382

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	644	618	692	645	662	705	705	733	713
Households	1 866	1 877	1 874	1 860	1 858	1 922	1 907	1 933	1 941
Gross fixed capital formation									
Private									
Dwellings	107	98	91	92	94	87	96	100	103
Other buildings and structures	54	49	55	42	49	50	71	47	48
Machinery and equipment	167	162	127	147	87	127	143	123	127
Livestock	10	10	10	13	13	13	13	16	16
Intangible fixed assets	20	23	60	24	27	27	24	27	29
Ownership transfer costs	15	17	15	16	15	16	17	16	19
<i>Total private</i>	374	360	358	333	285	320	364	328	341
Public	133	131	141	120	144	109	107	129	130
State final demand	3 017	2 986	3 065	2 958	2 949	3 056	3 082	3 124	3 124

(a) Reference year for chain volume measures is 1997-98.

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

	1997-98			1998-99			1999-00		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	554	549	591	574	579	581	592	619	659
Households	766	788	801	801	812	839	839	846	860
Gross fixed capital formation									
Private									
Dwellings	99	109	111	128	139	136	140	111	93
Other buildings and structures	111	101	167	288	575	140	234	237	45
Machinery and equipment	74	79	78	97	118	116	73	91	101
Livestock	10	10	10	16	16	16	16	17	17
Intangible fixed assets	74	77	94	91	62	45	58	78	73
Ownership transfer costs	26	15	17	17	15	19	19	10	11
<i>Total private</i>	395	391	477	638	925	473	540	544	340
Public	93	105	119	110	97	104	96	100	124
State final demand	1 808	1 834	1 988	2 123	2 412	1 997	2 067	2 109	1 983
Compensation of employees	762	756	779	784	807	947	887	926	865

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	557	549	587	568	567	569	578	604	638
Households	767	787	799	796	805	831	828	837	849
Gross fixed capital formation									
Private									
Dwellings	98	109	110	126	136	134	137	108	90
Other buildings and structures	106	95	160	280	571	146	237	223	43
Machinery and equipment	75	78	75	94	114	113	72	90	100
Livestock	10	10	10	17	17	17	17	18	18
Intangible fixed assets	75	79	95	91	62	45	57	78	71
Ownership transfer costs	18	17	19	19	18	19	20	18	16
<i>Total private</i>	382	387	471	626	918	473	540	535	339
Public	92	103	117	108	97	104	96	103	125
State final demand	1 799	1 827	1 974	2 097	2 387	1 977	2 042	2 079	1 951

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Australian Capital Territory: **Seasonally Adjusted**

	1997-98			1998-99			1999-00 .		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 479	2 401	2 656	2 424	2 732	2 610	2 744	2 849	2 924
Households	1 525	1 533	1 555	1 596	1 587	1 631	1 624	1 647	1 678
Gross fixed capital formation									
Private									
Dwellings	85	77	76	87	78	96	111	118	108
Other buildings and structures	48	71	289	77	73	80	203	67	73
Machinery and equipment	44	40	58	64	58	74	57	81	92
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	42	45	48	50	52	55	60	62	65
Ownership transfer costs	20	20	21	20	21	22	24	29	29
<i>Total private</i>	240	253	491	299	281	327	454	356	368
Public	92	156	- 136	105	139	131	-86	142	87
State final demand	4 336	4 343	4 567	4 423	4 739	4 699	4 736	4 995	5 056
Compensation of employees	1 810	1 842	1 920	1 957	1 977	1 942	2 018	1 900	1 968

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 503	2 403	2 657	2 367	2 700	2 580	2 703	2 759	2 856
Households	1 531	1 529	1 539	1 576	1 566	1 608	1 596	1 616	1 636
Gross fixed capital formation									
Private									
Dwellings	85	77	76	86	77	94	108	116	105
Other buildings and structures	48	71	285	76	71	78	199	65	70
Machinery and equipment	44	39	57	63	57	74	58	81	94
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	42	45	49	52	55	59	65	68	73
Ownership transfer costs	20	21	21	22	21	23	23	25	28
<i>Total private</i>	238	252	483	298	280	328	453	356	370
Public	94	162	- 149	104	140	132	-82	146	91
State final demand	4 363	4 347	4 533	4 345	4 686	4 649	4 669	4 877	4 954

— nil or rounded to zero (including null cells)

(a) Reference year for chain volume measures is 1997-98.

COMPENSATION OF EMPLOYEES—Percentage changes : **Seasonally Adjusted**

	1997-98		1998-99			1999-00		Dec 98 to Dec 99
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	
	%	%	%	%	%	%	%	%	
New South Wales	-0.6	1.1	2.4	1.8	1.6	0.6	1.1	2.8	6.1
Victoria	2.0	1.2	3.8	1.3	1.6	0.9	0.8	1.5	4.8
Queensland	2.3	1.0	2.9	2.6	-1.7	1.2	0.6	2.8	2.8
South Australia	-1.8	1.5	0.3	0.3	2.3	2.1	—	-0.1	4.3
Western Australia	3.8	2.5	0.3	2.3	—	3.1	1.0	3.5	7.7
Tasmania	-1.7	6.4	-1.9	3.0	-1.7	0.9	-3.5	2.9	-1.4
Northern Territory	-0.8	3.0	0.6	2.9	17.3	-6.3	4.4	-6.6	7.2
Australian Capital Territory	1.8	4.2	1.9	1.0	-1.8	3.9	-5.8	3.6	-0.5

— nil or rounded to zero (including null cells)

STATE FINAL DEMAND AND COMPONENTS, Chain Volume Measures(a)—Percentage changes : **Seasonally Adjusted**

	1997-98		1998-99				1999-00		Dec 98 to Dec 99
	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	
	%	%	%	%	%	%	%	%	
HOUSEHOLD FINAL CONSUMPTION EXPENDITURE									
New South Wales	0.4	0.1	1.5	0.9	1.4	0.9	1.9	0.9	5.2
Victoria	0.1	0.9	1.5	1.3	1.4	0.9	2.0	1.4	5.8
Queensland	0.7	2.1	1.0	1.7	1.9	-0.4	1.5	0.8	3.7
South Australia	1.4	0.9	1.0	0.3	0.7	-1.2	1.9	1.8	3.2
Western Australia	0.4	1.2	1.0	0.8	1.0	-1.3	0.5	2.8	3.0
Tasmania	0.6	-0.2	-0.8	-0.1	3.4	-0.8	1.4	0.4	4.5
Northern Territory	2.6	1.5	-0.3	1.1	3.2	-0.3	1.0	1.4	5.5
Australian Capital Territory	-0.1	0.6	2.4	-0.6	2.7	-0.8	1.2	1.3	4.5
PRIVATE GROSS FIXED CAPITAL FORMATION									
New South Wales	5.0	0.9	-0.7	0.3	7.3	1.4	0.4	0.7	10.0
Victoria	2.4	2.4	8.2	-4.9	-0.4	8.1	-2.3	-3.5	1.5
Queensland	-5.8	7.6	-3.0	5.9	8.0	-6.5	-1.4	-1.6	-2.1
South Australia	6.0	-10.4	-4.2	-1.9	-3.4	2.1	22.6	-19.6	-2.8
Western Australia	63.3	-35.8	-0.6	-11.0	-1.5	4.2	0.4	-5.0	-2.2
Tasmania	-3.6	-0.6	-6.9	-14.6	12.4	13.7	-10.0	3.9	19.6
Northern Territory	1.2	21.9	32.8	46.8	-48.4	14.0	-0.9	-36.5	-63.0
Australian Capital Territory	5.8	91.7	-38.3	-5.9	17.0	38.0	-21.5	4.1	31.9
PUBLIC FINAL DEMAND									
New South Wales	-2.4	1.8	0.2	-2.1	6.2	1.5	4.2	-1.2	10.9
Victoria	5.2	6.3	-16.3	14.4	-2.1	0.9	5.7	2.6	7.0
Queensland	-4.4	4.3	1.5	4.1	0.8	-1.7	1.8	5.8	6.7
South Australia	-8.0	6.0	3.7	2.6	-2.0	-1.0	14.5	1.7	13.0
Western Australia	-72.8	265.9	0.9	1.2	-1.2	9.0	1.8	1.8	11.6
Tasmania	-3.7	11.1	-8.2	5.4	1.0	-0.3	6.3	-2.3	4.5
Northern Territory	0.5	7.9	-4.1	-1.8	1.4	0.1	4.9	7.9	14.9
Australian Capital Territory	-1.1	-2.4	-1.4	14.9	-4.5	-3.4	10.9	1.4	3.8
STATE FINAL DEMAND									
New South Wales	0.7	0.6	0.8	0.2	3.5	1.1	2.1	0.4	7.3
Victoria	1.7	1.9	-0.8	2.2	0.4	2.3	1.8	0.7	5.2
Queensland	-1.7	3.6	0.4	3.0	2.8	-1.9	1.0	1.5	3.3
South Australia	-0.1	-0.1	0.8	0.5	-0.6	-0.7	8.0	-1.8	4.7
Western Australia	2.1	-0.1	0.5	-2.4	-0.1	2.2	0.7	0.6	3.5
Tasmania	-1.0	2.6	-3.5	-0.3	3.6	0.9	1.3	—	5.9
Northern Territory	1.5	8.1	6.2	13.8	-17.2	3.3	1.8	-6.1	-18.2
Australian Capital Territory	-0.4	4.3	-4.2	7.8	-0.8	0.4	4.5	1.6	5.7

— nil or rounded to zero (including null cells)

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, New South Wales: Original

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	8 519	7 528	8 705	8 147	8 262	8 267	9 326	8 700	9 173
Households	30 842	28 539	29 521	30 300	32 183	30 284	31 387	32 228	34 311
Gross fixed capital formation									
Private									
Dwellings	2 586	2 467	2 683	3 044	3 011	2 817	2 910	3 286	3 208
Other buildings and structures	1 640	1 513	1 763	1 787	2 014	1 620	2 268	2 040	1 944
Machinery and equipment	3 798	3 250	3 944	3 434	3 489	3 398	3 691	3 472	3 894
Livestock	86	86	86	111	111	111	111	117	117
Intangible fixed assets	711	748	788	819	866	906	967	1 018	1 064
Ownership transfer costs	769	618	743	705	738	748	795	890	951
<i>Total private</i>	9 590	8 682	10 008	9 900	10 229	9 600	10 742	10 823	11 178
Public	1 931	1 806	2 445	1 625	2 111	1 875	2 723	2 114	2 355
State final demand	50 882	46 555	50 679	49 972	52 785	50 026	54 179	53 864	57 017
Compensation of employees	25 086	23 929	24 670	25 242	26 292	25 640	26 292	26 545	27 899

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	8 558	7 505	8 666	7 993	8 096	8 008	9 049	8 374	8 826
Households	30 934	28 487	29 315	29 983	31 736	29 729	30 711	31 391	33 419
Gross fixed capital formation									
Private									
Dwellings	2 592	2 457	2 659	3 001	2 948	2 737	2 785	3 110	3 002
Other buildings and structures	1 653	1 503	1 734	1 724	1 928	1 529	2 160	1 928	1 818
Machinery and equipment	3 819	3 233	3 894	3 366	3 447	3 406	3 812	3 628	4 106
Livestock	86	86	86	115	115	115	115	133	133
Intangible fixed assets	705	753	804	847	907	962	1 042	1 112	1 179
Ownership transfer costs	712	650	744	746	739	659	773	807	838
<i>Total private</i>	9 571	8 680	9 923	9 800	10 085	9 408	10 686	10 718	11 077
Public	1 942	1 794	2 441	1 620	2 109	1 883	2 735	2 177	2 424
State final demand	51 002	46 473	50 359	49 396	52 027	49 028	53 181	52 660	55 745

(a) Reference year for chain volume measures is 1997-98.

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	5 600	5 282	5 758	5 515	5 941	5 512	5 888	6 016	6 227
Households	22 351	20 228	21 331	21 861	23 357	21 479	22 629	23 328	25 062
Gross fixed capital formation									
Private									
Dwellings	1 755	1 637	1 884	1 827	2 105	1 874	2 151	2 262	2 235
Other buildings and structures	1 007	1 064	1 224	1 543	1 478	1 205	1 467	1 178	1 281
Machinery and equipment	3 328	2 553	3 156	3 237	3 054	2 449	3 156	2 843	2 998
Livestock	76	76	76	74	74	74	74	84	84
Intangible fixed assets	502	531	559	579	614	651	683	720	755
Ownership transfer costs	391	435	381	395	399	492	429	479	423
Total private	7 060	6 295	7 279	7 655	7 722	6 745	7 959	7 566	7 776
Public	1 083	1 091	1 331	554	1 194	1 141	1 466	1 267	1 432
State final demand	36 094	32 896	35 698	35 585	38 215	34 877	37 943	38 177	40 497
Compensation of employees	17 571	16 748	17 623	18 076	19 074	18 077	18 982	18 899	19 988

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	5 635	5 275	5 729	5 437	5 836	5 374	5 746	5 822	6 010
Households	22 384	20 195	21 217	21 754	23 205	21 277	22 325	22 953	24 608
Gross fixed capital formation									
Private									
Dwellings	1 759	1 633	1 875	1 815	2 081	1 829	2 066	2 144	2 085
Other buildings and structures	1 019	1 055	1 208	1 512	1 450	1 179	1 435	1 134	1 223
Machinery and equipment	3 348	2 541	3 117	3 167	3 007	2 441	3 244	2 952	3 139
Livestock	76	76	76	77	77	77	77	95	95
Intangible fixed assets	498	534	570	600	644	692	737	788	838
Ownership transfer costs	420	457	405	412	408	373	437	409	409
Total private	7 133	6 282	7 242	7 583	7 666	6 591	7 995	7 522	7 788
Public	1 093	1 080	1 324	560	1 198	1 152	1 488	1 318	1 491
State final demand	36 245	32 840	35 532	35 334	37 904	34 394	37 554	37 615	39 898

(a) Reference year for chain volume measures is 1997-98.

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	4 203	3 694	4 223	4 189	4 498	3 982	4 398	4 324	4 771
Households	15 202	14 010	14 748	15 082	16 232	15 090	15 476	15 913	16 914
Gross fixed capital formation									
Private									
Dwellings	1 581	1 345	1 420	1 584	1 556	1 234	1 194	1 386	1 599
Other buildings and structures	944	837	988	1 007	1 072	804	1 222	1 147	995
Machinery and equipment	1 827	1 247	1 853	1 602	1 978	2 051	1 948	1 739	1 704
Livestock	75	75	75	123	123	123	123	131	131
Intangible fixed assets	231	204	228	228	244	245	264	274	291
Ownership transfer costs	323	297	302	328	335	318	336	355	375
<i>Total private</i>	4 982	4 004	4 866	4 873	5 309	4 775	5 087	5 033	5 096
Public	1 536	1 193	1 835	1 287	1 680	1 522	2 060	1 415	1 840
State final demand	25 922	22 900	25 672	25 431	27 719	25 369	27 021	26 685	28 621
Compensation of employees	11 469	11 019	11 319	11 611	12 509	11 529	11 875	11 909	12 868

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	4 224	3 680	4 208	4 120	4 416	3 889	4 295	4 187	4 609
Households	15 220	13 978	14 675	14 995	16 091	14 948	15 302	15 693	16 692
Gross fixed capital formation									
Private									
Dwellings	1 583	1 344	1 419	1 579	1 550	1 227	1 183	1 363	1 562
Other buildings and structures	944	835	985	994	1 053	784	1 188	1 103	952
Machinery and equipment	1 838	1 239	1 825	1 562	1 938	2 030	1 980	1 785	1 761
Livestock	75	75	75	127	127	127	127	142	142
Intangible fixed assets	229	207	232	236	254	258	281	296	318
Ownership transfer costs	303	302	294	296	285	303	305	327	340
<i>Total private</i>	4 975	3 992	4 826	4 793	5 207	4 729	5 064	5 017	5 075
Public	1 535	1 193	1 838	1 280	1 671	1 520	2 070	1 439	1 864
State final demand	25 955	22 844	25 558	25 187	27 384	25 086	26 730	26 335	28 241

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, South Australia: Original

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 012	1 875	2 127	2 078	2 218	1 995	2 209	2 353	2 482
Households	6 372	5 892	6 122	6 284	6 693	6 128	6 254	6 484	6 981
Gross fixed capital formation									
Private									
Dwellings	372	345	331	409	424	355	384	453	485
Other buildings and structures	329	441	316	309	284	179	241	427	235
Machinery and equipment	967	652	731	621	758	587	621	718	652
Livestock	24	24	24	28	28	28	28	29	29
Intangible fixed assets	110	114	121	126	134	119	127	131	139
Ownership transfer costs	85	90	105	92	94	97	95	101	118
<i>Total private</i>	<i>1 886</i>	<i>1 665</i>	<i>1 628</i>	<i>1 584</i>	<i>1 721</i>	<i>1 365</i>	<i>1 496</i>	<i>1 859</i>	<i>1 657</i>
Public	381	191	417	264	318	346	445	331	408
State final demand	10 651	9 623	10 294	10 210	10 951	9 833	10 403	11 028	11 527
Compensation of employees	4 908	4 520	4 701	4 785	4 922	4 715	4 939	5 012	5 137

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 023	1 873	2 116	2 042	2 182	1 929	2 157	2 276	2 397
Households	6 385	5 889	6 094	6 229	6 615	6 055	6 134	6 331	6 827
Gross fixed capital formation									
Private									
Dwellings	375	340	324	396	410	341	363	422	445
Other buildings and structures	330	443	313	303	276	173	234	418	227
Machinery and equipment	973	646	717	602	737	574	621	723	659
Livestock	24	24	24	29	29	29	29	34	34
Intangible fixed assets	109	115	122	129	138	125	135	140	150
Ownership transfer costs	90	87	94	88	93	95	104	101	109
<i>Total private</i>	<i>1 902</i>	<i>1 654</i>	<i>1 594</i>	<i>1 547</i>	<i>1 683</i>	<i>1 337</i>	<i>1 486</i>	<i>1 838</i>	<i>1 625</i>
Public	381	192	417	265	321	350	451	341	420
State final demand	10 693	9 606	10 221	10 084	10 801	9 671	10 229	10 786	11 269

(a) Reference year for chain volume measures is 1997-98.

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 428	2 262	2 397	2 334	2 623	2 331	2 615	2 484	2 714
Households	8 181	7 450	7 855	7 985	8 566	7 818	8 051	8 163	8 915
Gross fixed capital formation									
Private									
Dwellings	741	778	816	802	831	870	877	950	994
Other buildings and structures	921	3 159	906	966	860	748	860	781	723
Machinery and equipment	1 886	1 698	1 928	1 761	1 597	1 326	1 552	1 438	1 482
Livestock	45	45	45	51	51	51	51	54	54
Intangible fixed assets	380	408	429	356	421	380	359	361	412
Ownership transfer costs	216	293	236	208	201	221	254	214	216
<i>Total private</i>	4 190	6 382	4 360	4 145	3 962	3 596	3 951	3 798	3 880
Public	710	-1 477	841	598	657	638	1 021	734	959
State final demand	15 509	14 617	15 453	15 062	15 807	14 383	15 638	15 179	16 469
Compensation of employees	6 327	6 285	6 752	6 596	6 899	6 604	7 146	7 016	7 427

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 441	2 259	2 389	2 297	2 573	2 269	2 542	2 394	2 606
Households	8 205	7 442	7 807	7 925	8 482	7 745	7 923	7 999	8 735
Gross fixed capital formation									
Private									
Dwellings	743	779	812	790	810	840	841	904	925
Other buildings and structures	922	3 157	905	965	855	733	844	754	694
Machinery and equipment	1 903	1 685	1 886	1 696	1 535	1 277	1 524	1 426	1 472
Livestock	45	45	45	53	53	53	53	62	62
Intangible fixed assets	378	409	430	360	425	385	363	364	411
Ownership transfer costs	243	221	248	223	229	226	253	239	233
<i>Total private</i>	4 229	6 312	4 323	4 087	3 907	3 514	3 878	3 750	3 798
Public	712	-1 488	844	582	655	642	1 037	748	981
State final demand	15 615	14 452	15 386	14 891	15 618	14 170	15 380	14 892	16 119

(a) Reference year for chain volume measures is 1997-98.

	1997-98			1998-99			1999-00 .		
	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>	<i>Mar</i>	<i>Jun</i>	<i>Sep</i>	<i>Dec</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	684	554	691	684	719	647	718	792	785
Households	1 974	1 794	1 863	1 865	1 990	1 863	1 909	1 939	2 082
Gross fixed capital formation									
Private									
Dwellings	111	96	90	90	96	85	96	97	106
Other buildings and structures	56	46	53	44	52	48	70	50	51
Machinery and equipment	192	150	134	144	99	120	147	115	138
Livestock	10	10	10	13	13	13	13	14	14
Intangible fixed assets	19	20	64	23	26	24	24	25	26
Ownership transfer costs	14	16	16	20	16	18	22	19	21
<i>Total private</i>	403	339	367	333	302	307	372	320	355
Public	131	115	179	97	140	94	142	103	123
State final demand	3 192	2 802	3 101	2 979	3 152	2 911	3 141	3 154	3 345
Compensation of employees	1 362	1 283	1 381	1 351	1 441	1 355	1 385	1 334	1 421

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	690	552	687	674	709	633	702	766	759
Households	1 978	1 792	1 850	1 846	1 972	1 841	1 887	1 915	2 054
Gross fixed capital formation									
Private									
Dwellings	110	96	90	90	97	86	97	98	106
Other buildings and structures	56	46	53	44	52	48	69	49	51
Machinery and equipment	193	149	132	140	96	118	149	116	141
Livestock	10	10	10	13	13	13	13	16	16
Intangible fixed assets	20	21	63	24	27	25	26	26	28
Ownership transfer costs	15	17	16	16	14	15	17	16	18
<i>Total private</i>	404	339	364	328	299	305	371	322	359
Public	130	116	179	97	141	96	145	106	127
State final demand	3 203	2 799	3 081	2 945	3 121	2 875	3 104	3 110	3 299

(a) Reference year for chain volume measures is 1997-98.

STATE FINAL DEMAND, Northern Territory: **Original**

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	578	530	593	567	604	559	596	612	687
Households	797	743	799	816	845	791	837	861	895
Gross fixed capital formation									
Private									
Dwellings	106	97	108	136	149	121	136	118	100
Other buildings and structures	113	99	133	349	576	139	187	290	45
Machinery and equipment	87	67	75	96	140	98	70	89	124
Livestock	10	10	10	16	16	16	16	17	17
Intangible fixed assets	82	67	108	80	69	40	67	68	80
Ownership transfer costs	27	13	16	20	15	17	18	11	11
<i>Total private</i>	425	353	451	698	965	431	494	594	377
Public	97	89	129	110	102	87	107	101	129
State final demand	1 897	1 715	1 972	2 191	2 516	1 868	2 035	2 168	2 088
Compensation of employees	793	722	784	781	841	903	896	920	901

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	581	529	591	558	593	546	584	594	666
Households	799	744	796	811	838	785	826	851	884
Gross fixed capital formation									
Private									
Dwellings	106	97	107	134	146	120	133	116	97
Other buildings and structures	112	98	132	342	565	141	185	283	44
Machinery and equipment	88	67	74	93	135	95	70	88	124
Livestock	10	10	10	17	17	17	17	18	18
Intangible fixed assets	82	67	108	80	69	40	66	67	77
Ownership transfer costs	20	16	19	18	20	18	20	18	18
<i>Total private</i>	418	354	450	685	951	430	490	590	379
Public	97	88	129	109	102	87	107	103	130
State final demand	1 894	1 714	1 966	2 162	2 484	1 849	2 008	2 138	2 058

(a) Reference year for chain volume measures is 1997-98.

	1997-98			1998-99			1999-00		
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
CURRENT PRICES									
Final consumption expenditure									
General government	2 627	2 151	2 768	2 428	2 898	2 331	2 867	2 852	3 102
Households	1 611	1 441	1 538	1 618	1 678	1 533	1 605	1 670	1 774
Gross fixed capital formation									
Private									
Dwellings	96	65	75	89	88	81	111	119	122
Other buildings and structures	57	58	290	76	84	67	204	66	84
Machinery and equipment	45	37	69	57	58	70	66	72	92
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	42	45	47	50	52	55	59	62	65
Ownership transfer costs	21	21	22	18	22	22	25	26	31
<i>Total private</i>	262	226	503	291	304	296	465	345	393
Public	102	125	-85	69	154	102	-32	101	96
State final demand	4 602	3 943	4 724	4 405	5 035	4 263	4 905	4 968	5 365
Compensation of employees	1 831	1 809	1 908	1 982	1 999	1 907	2 007	1 924	1 990

CHAIN VOLUME MEASURES (a)									
Final consumption expenditure									
General government	2 640	2 145	2 761	2 380	2 849	2 299	2 821	2 772	3 010
Households	1 617	1 438	1 522	1 598	1 656	1 513	1 579	1 639	1 731
Gross fixed capital formation									
Private									
Dwellings	95	66	75	88	87	80	109	117	118
Other buildings and structures	58	58	289	75	83	66	200	64	82
Machinery and equipment	45	36	68	56	57	70	68	73	95
Livestock	—	—	—	—	—	—	—	—	—
Intangible fixed assets	42	46	48	52	55	59	64	68	73
Ownership transfer costs	21	20	21	21	21	23	24	25	28
<i>Total private</i>	261	226	497	293	303	298	465	348	396
Public	104	129	-89	70	155	104	-34	105	102
State final demand	4 620	3 938	4 694	4 341	4 964	4 214	4 830	4 865	5 239

— nil or rounded to zero (including null cells)

(a) Reference year for chain volume measures is 1997-98.

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* (ABS Cat. no. 5216.0) which is now available along with other similar Australian Bureau of Statistics (ABS) publications on CD-ROM, entitled *Statistical Concepts Reference Library on CD-ROM* (ABS Cat. no. 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 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 *Australian National Accounts: National Income, Expenditure and Product* (ABS Cat. no. 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 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 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 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* (Abs Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6345.

11 Two feature articles which have appeared in the ABS monthly publication *Australian Economic Indicators* (ABS Cat. no. 1350.0) may also be of interest:

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

SEASONALLY ADJUSTED ESTIMATES

12 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 ABS Cat. no. 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 measure 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

13 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

14 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.

15 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 Slaughterings and Australian Bureau of Agriculture and Resource Economics surveys. State estimates of exploration expenditure are derived from the ABS quarterly survey of Actual and Expected Private Mineral Exploration. State estimates of musical 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

16 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 Australian Capital Territory. Estimates for Commonwealth government expenditures in the States on both an annual and a quarterly basis therefore have to be treated with considerable caution.

17 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.

18 For Commonwealth general government gross fixed capital formation, Australian estimates are first subdivided into expenditure on construction and expenditure on machinery and equipment. The Australian 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

19 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 State shares for general freight and passenger activity through ports and airports in each State and Territory.

OCCASIONAL PAPERS

20 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

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

Australian System of National Accounts (ABS Cat. no. 5204.0)—annual

Australian National Accounts: Financial Accounts

(ABS Cat. no. 5232.0)—quarterly

Australian National Accounts: National Balance Sheet

(ABS Cat. no. 5241.0.40.001)—annual

A Guide to the Australian National Accounts (ABS Cat. no. 5235.0)—last issued 1994

22 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (ABS Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (ABS Cat. no. 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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