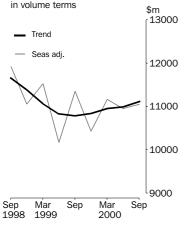




PRIVATE NEW CAPITAL EXPENDITURE AND EXPECTED EXPENDITURE to June 2001 AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) WED 6 DEC 2000

New Capital Expenditure



SEPTEMBER QTR KEY FIGURES

TREND ESTIMATES (a)

	Sep 1999	Jun 2000	Sep 2000	% change Jun 2000 to	% change Sep 1999 to
	\$ <i>m</i>	\$ <i>m</i>	\$ <i>m</i>	Sep 2000	Sep 2000
Total new capital					
expenditure	10 790	11 000	11 105	1.0	2.9
Buildings & structures	2 849	2 850	2 850	0.0	0.0
Equipment, plant &					
machinery	7 935	8 149	8 227	1.0	3.7

SEASONALLY ADJUSTED(a)

	Sep 1999	Jun 2000	Sep 2000	% change Jun 2000 to	% change Sep 1999 to
	\$ <i>m</i>	\$ <i>m</i>	\$ <i>m</i>	Sep 2000	Sep 2000
Total new capital					
expenditure	11 358	10 970	11 036	0.6	-2.8
Buildings & structures	3 230	3 037	2 659	-12.4	-17.7
Equipment, plant &					
machinery	8 122	7 937	8 367	5.4	3.0

(a) In volume terms

SEPTEMBER QTR KEY POINTS

ACTUAL EXPENDITURE

- The trend estimate for total new capital expenditure (in volume terms) has increased by 1.0% this quarter after posting small increases in the previous three quarters. This followed six quarters of falls since the peak reached in March quarter 1998.
- The small increase in the trend estimate for total new capital expenditure in the September quarter 2000 was driven by expenditure on equipment, plant and machinery, which increased by 1.0%, continuing the increases reported in the previous five quarters. Expenditure on buildings and structures remains relatively flat.
- The trend estimate for Other selected industries increased by 2.2% continuing the increases reported in the previous four quarters. The trend estimate for Mining has decreased for the past ten quarters whilst Manufacturing has decreased in the past three quarters following rises in the previous three quarters.

EXPECTED EXPENDITURE

- Estimate 4 for 2000-2001 is \$40,881m, which is 1.3% higher than the corresponding estimate for 1999-2000. Expected expenditure on buildings and structures is 7.2% lower but is 4.7% higher on equipment, plant and machinery.
- For further information about these and related statistics, contact
 Didier Rivet on
 02 9268 4280, or the
 National Information
 Service on
 1300 135 070.

NOTES

FORTHCOMING ISSUES	ISSUE (Quarter) December 2000 March 2001	RELEASE DATE 2 March 2001 31 May 2001
CHANGES IN THIS ISSUE	There are no changes in this issue.	
IMPACT OF THE NEW TAX SYSTEM ON CAPITAL EXPENDITURE ESTIMATES	The goods and services tax (GST) came intereplaces the wholesale sales tax (WST) which of the expenditure measured in the Survey. From the September quarter 2000, businesses actual expenditure exclusive of the GST whore credit. This change should be considered we estimates over time. However, chain volume expenditure are unaffected by these tax-relates Businesses in the survey have been asked to the 2000–2001 financial year based on the consistered to the 2000–2001 financial year based on the consistered to the yeap or the correct basis, expenditions are volume of capital would be lower that had not taken place. In previous quarters, the majority of busines expenditure for the 2000-2001 financial year their capital expenditure budgets were not of price changes. However, from the Septer businesses are reporting expected expendition of expenditure for 2000-2001 with later estimates that there is always a degree of imprecision expenditure for any financial year.	ch was included in the value of much of New Capital Expenditure. ses are being asked to report their ere this is recoverable as an input tax then comparing current price e measures of actual capital ated price changes. o report expected expenditure for tost to them under The New Tax ST, but not add on the 10% GST business as a tax credit. Therefore, if ture in current price terms on the in if the changes in tax arrangements sess were unable to report expected r on the requested basis because sufficiently detailed to take account mber quarter 2000, the majority of ture on the requested basis. comparing early estimates for ttes. It should be noted, however,
REVISIONS TO TREND	Readers should exercise care in the interpre three observations, in particular, are likely t subsequent quarters' data.	

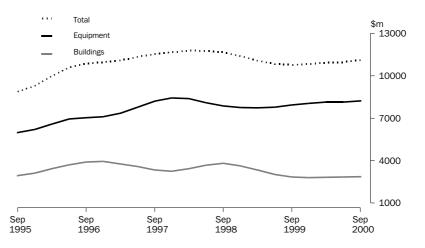
Dennis Trewin Australian Statistician

QUARTERLY TREND ESTIMATES OF CHAIN VOLUME MEASURES

BY ASSET

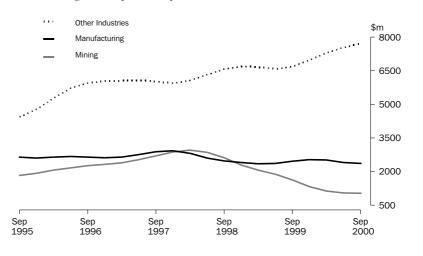
The trend estimate for expenditure on buildings and structures has been relatively flat for the past three quarters following five quarters of falls. Manufacturing has been increasing for the past six quarters. Mining recorded a small increase in the September quarter 2000 after decreasing in each of the previous seven quarters. Other selected industries decreased in the September quarter 2000 after increasing for the previous four quarters.

The trend estimate for equipment, plant and machinery has been gradually increasing over the past six quarters. The main contributor to the increase in the estimate for the current quarter was Other selected industries which has increased for ten consecutive quarters. Expenditure by Mining has decreased for eleven consecutive quarters, whilst Manufacturing has decreased for the past three quarters.



BY INDUSTRY

The trend estimate for total new capital expenditure by the Mining industry has been falling since June quarter 1998, with the rate of decline decelerating to 1.3% in the September quarter 2000 following a decline of 8.2% in the June quarter 2000. Expenditure by Manufacturing has been decreasing since March quarter 2000 after rising for the previous three quarters. The trend estimate for Other selected industries has been rising for the past five quarters.

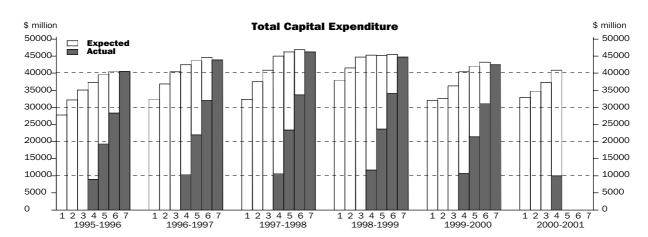


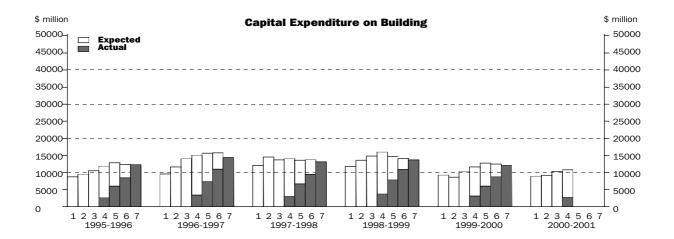
ACTUAL AND EXPECTED NEW CAPITAL EXPENDITURE

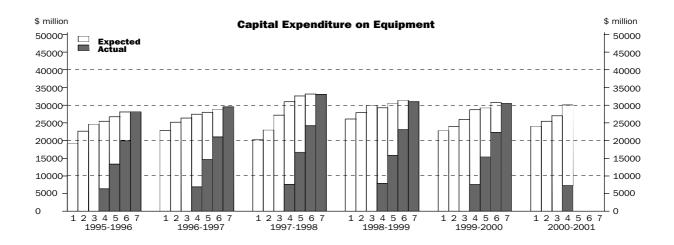
FINANCIAL YEARS AT CURRENT PRICES

EXPENDITURE

The estimates of actual and expected expenditure appearing below relate to data contained in Table 4. Information about the timing and construction of these estimates are contained on page 14 and advice about the usefuleness of the realisation ratios is on page 15.







4 ABS • PRIVATE NEW CAPITAL EXPENDITURE • 5625.0 • SEPTEMBER QUARTER 2000



ACTUAL & EXPECTED EXPENDITURE, By Type of Asset and Industry—Current prices

BUILDINGS AND	EQUIPMENT, PLANT AND
STRUCTURES	MACHINERY

TOTAL CAPITAL EXPENDITURE.....

	Mining	Manu- facturing	Other selected indus- tries	Total	Mining	Manu- facturing	Other selected indus- tries	Total	Mining	Manu- facturing	Other selected indus- tries	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •		• • • • • • • • • •	ORIGINA	AL (Actua	• • • • • • • • •)	••••		• • • • • • • •	• • • • • • •	
1000 1000	5 007	4.440	7 500	40.700	0.740	0.000	40.000	00.070	0.705	0.405	00 500	44.000
1998–1999 1999–2000	5 007 2 534	1 116 1 501	7 586 7 968	13 709 12 003	3 718 2 753	8 320 8 184	18 936 19 507	30 973 30 444	8 725 5 288	9 435 9 685	26 522 27 475	44 682 42 447
1998–1999 June	968	225	1 607	2 801	873	2 052	4 902	7 827	1 841	2 278	6 509	10 628
1999–2000												
September	1 006	382	1747	3 135	817	1 955	4 746	7 519	1 823	2 338	6 493	10 654
December March	543 442	365 349	1 965 1 976	2 872 2 767	715 526	2 279 1 913	4 859 4 501	7 854 6 940	1 258 967	2 644 2 262	6 824 6 477	10 726 9 706
June	442 544	349 404	2 280	3 228	526 696	2 037	4 501 5 400	8 133	1 239	2 202 2 441	7 681	9708 11 361
2000-2001	011	101	2 200	0 220	000	2 001	0 100	0 100	1 200	2 111	1 001	11 001
September	468	398	1 799	2 665	512	1 808	4 986	7 306	980	2 205	6 785	9 971
								• • • • • • • •				
				01	RIGINAL	(Expected	d)(a)					
2000-2001 3 mths to Dec	646	546	1 817	3 008	1 011	2 382	5 242	8 635	1 657	2 928	7 059	11 643
6 mths to Jun	1 408	933	2 808	5 008 5 149	2 186	2 382 3 725	5 242 8 206	8 035 14 118	3 594	2 928 4 658	1 059 11 014	11 043 19 267
Total 2000-2001	2 522	1 877	6 423	10 822	3 709	7 915	18 435	30 059	6 231	9 792	24 858	40 881
• • • • • • • • • • • • • • • •		••••		SEASC	NALLY A	DJUSTED	(Actual)	• • • • • • • • •		• • • • • • • •	•••••	
1998–1999	5 013	1 105	7 582	13 700	3 719	8 375	18 993	31 088	8 733	9 479	26 576	44 788
1999–2000	2 560	1 515	7 971	12 045	2 744	8 215	19 514	30 471	5 302	9 729	27 485	42 516
1998–1999												
June	950	263	1 606	2 819	843	1 846	4 494	7 183	1 793	2 109	6 100	10 002
1999-2000												
September	1 054	333	1834	3 221	812	2 112	4 838	7 762	1 866	2 445	6 672	10 983
December March	489 483	331 365	1 724 2 153	2 544 3 001	680 579	2 149 2 119	4 708 5 014	7 537 7 712	1 169 1 062	2 480 2 484	6 432 7 167	10 081 10 713
June	483 533	305 486	2 155	3 279	672	2 119 1 834	4 954	7 460	1 205	2 484 2 320	7 214	10 713
2000-2001	555	400	2 200	5215	012	1 004	4 334	7 400	1 205	2 320	1 214	10 / 55
September	490	378	1 918	2 786	508	1 952	5 083	7 543	998	2 330	7 001	10 329
				TRE	ND ESTII	MATES (A	ctual)					
1998–1999	5 072	1 222	7 718	14 012	3 779	8 472	18 966	31 217	8 851	9 693	26 685	45 229
1999–2000	2 480	1 215	7 658	11 353	2 705	8 187	19 443	30 334	5 185	9 402	27 100	41 687
1998–1999												
June	1 059	265	1 800	3 124	826	2 054	4 724	7 604	1 885	2 319	6 524	10 728
1999-2000	a · -	a · -				0.0					a ·	
September	847 620	249	1 770	2 866	778	2 075	4 727	7 580	1 625	2 324	6 497 6 644	10 446
December March	639 516	270 318	1 848 1 975	2 757 2 809	698 637	2 096 2 059	4 796 4 921	7 590 7 617	1 337 1 153	2 366 2 377	6 644 6 896	10 347 10 426
June	478	318	2 065	2 809 2 921	592	2 059 1 957	4 921 4 998	7 547	1 155	2 377	7 063	10 428
2000-2001	10	510	2 000	2 921	002	1 001	1 000	1 0 1 1	1010	2 000		10 100
September	507	413	2 092	3 012	554	1 897	5 072	7 523	1 061	2 310	7 164	10 535

(a) Not directly comparable with estimates of actual expenditure due to likely over/under realisation —see paragraphs 22 to 25 of the Explanatory Notes.



ACTUAL & EXPECTED CAPITAL EXPENDITURE, Detailed Industries—Current prices

	MINING	MANUFA	CTURING								
	Total mining	Food, beverage and tobacco	Textile, clothing, footwear and leather	Wood and paper product	Printing, publishing and recorded media	Petroleum, coal, chemical and assoc. product	Non- metallic mineral product	Metal product	Machinery and equipment	Other manu- facturing	Total manu- facturing
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
				ORIGIN	AL (Actua	I)					
1998–1999 1999–2000	8 725 5 288	2 088 2 221	263 196	786 987	803 782	1 512 1 801	499 469	1 941 1 482	1 335 1 524	209 221	9 435 9 685
1998–1999											
June 1999–2000	1 841	533	69	216	235	338	115	474	245	53	2 278
September	1 823	455	43	347	167	412	123	415	303	73	2 338
December	1 258	592	50	212	263	410	96 101	383	577	60	2 644
March June	967 1 239	590 584	48 55	177 251	183 169	483	101	354 330	284	42 46	2 262 2 441
2000–2001	1 239	584	55	251	169	496	149	330	360	46	2 441
September	980	433	54	151	165	325	170	243	615	49	2 205
•••••		•••••		ORIGINAL	(Expected	1)(a)	• • • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • • •
2000-2001				00	(.)((.)					
3 mths to Dec	1 657	616	71	143	211	490	131	369	871	26	2 928
6 mths to Jun	3 594	1 029	128	273	267	915	277	678	1 012	78	4 658
Total 2000-2001	6 231	2 078	254	567	643	1 729	579	1 290	2 498	153	9 792
• • • • • • • • • • • • • • • •		•••••			DJUSTED		• • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • • • •
1998–1999	8 733	2 089	268	778	810	1 513	499	1 965	1 347	209	9 479
1999–2000	5 302	2 221	198	980	794	1 831	473	1 512	1 498	222	9 729
1998–1999											
June	1 793	483	62	188	194	359	115	397	262	49	2 109
1999–2000											
September	1 866	491	49	330	202	397	133	454	319	70	2 445
December	1 169	580	44	231	255	362	88	378	477	65	2 480
March	1 062	619	56	202	197	544	103	403	315	45	2 484
June	1 205	530	49	217	141	528	149	278	386	42	2 320
2000–2001 September	998	468	62	143	199	313	184	266	648	47	2 330
•••••		• • • • • • • • • •	TR		MATES (A		• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	
1998–1999	8 851	2 212	263	802	804	1 535	507	1 973	1 377	219	9 693
1999–2000	5 185	2 205	205	874	814	1 611	470	1 492	1 517	213	9 402
1998–1999	1 005	504	60	200	107	200	147	460	244	E 7	2 240
June 1999–2000	1 885	504	60	200	197	380	117	460	344	57	2 319
September	1 625	518	53	230	218	368	110	421	344	62	2 324
December	1 337	565	47	235	219	394	104	399	343	60	2 366
March	1 153	578	50	217	199	423	114	362	383	51	2 377
June	1 070	544	54	191	178	425	142	309	447	45	2 335
2000-2001											
September	1 061	487	58	168	171	404	177	268	533	44	2 310

(a) Not directly comparable with estimates of actual expenditure due to likely over/under realisation

-see paragraphs 22 to 25 of the Explanatory Notes.

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6 ABS • PRIVATE NEW CAPITAL EXPENDITURE • 5625.0 • SEPTEMBER QUARTER 2000



ACTUAL & EXPECTED CAPITAL EXPENDITURE, Detailed Industries—Current prices continued

	Construction	Wholesale trade	Retail trade	Transport and storage	Finance and insurance	Property and business services	Other services etc.	Total other selected industries	Total new capital expenditure
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
•••••		• • • • • • • • •	•••••		•••••	• • • • • • • • •	•••••		•••••
				ORIGIN	AL (Actual)				
1998–1999	1 733	2 700	3 070	3 891	2 599	5 974	6 554	26 522	44 682
1999–2000	1 435	2 599	3 093	3 659	2 925	6 163	7 601	27 475	42 447
1998–1999									
June	497	692	767	645	662	1 546	1 700	6 509	10 628
1999–2000									
September	315	764	813	880	628	1 405	1 687	6 493	10 654
December	324	770	883	875	754	1 540	1 679	6 824	10 726
March	337	451	594	809	823	1 491	1 972	6 477	9 706
June	459	614	803	1 095	721	1 726	2 262	7 681	11 361
2000-2001									
September	347	568	702	606	1 003	1 637	1 922	6 785	9 971
				ORIGINAL	(Expected)(a)			
2000-2001				onnannine	(Exposicia) (a	,			
3 mths to Dec	319	601	814	813	800	1 464	2 247	7 059	11 643
6 mths to Jun	408	825	1 136	1 481	1 331	2 436	3 398	11 014	19 267
Total 2000-2001		1 995	2 652	2 900	3 134	5 538	7 568	24 858	40 881
			SI	EASONALLY A	DJUSTED (Ad	tual)			
1998–1999	1 728	2 717	3 082	3 912	2 599	5 972	6 565	26 576	44 788
1999–2000	1 429	2 571	3 101	3 651	2 963	6 195	7 574	27 485	42 516
1998–1999									
June	433	678	706	619	636	1 422	1 606	6 100	10 002
1999-2000	100	010	100	010	000	1 122	1000	0 100	10 002
September	355	721	807	884	608	1 457	1 840	6 672	10 983
December	315	715	775	844	707	1 407	1 669	6 432	10 081
March	359	536	779	870	955	1 743	1 925	7 167	10 713
June	400	599	741	1 052	693	1 589	2 140	7 214	10 739
2000-2001									
September	394	537	696	606	973	1 699	2 096	7 001	10 329
•••••		• • • • • • • • •	•••••		•••••	• • • • • • • • •	• • • • • • • • • •		• • • • • • • • • • • • • • •
				TREND ESTI	MATES (Actua	al)			
1998–1999	1 695	2 758	3 069	4 090	2 590	6 065	6 417	26 685	45 229
1999–2000	1 440	2 549	3 064	3 495	2 862	6 204	7 486	27 100	41 687
1998–1999									
June	401	723	747	894	637	1 441	1 681	6 524	10 728
1999–2000									
September	360	711	772	843	648	1 437	1 726	6 497	10 446
December	342	663	784	877	680	1 509	1 789	6 644	10 347
March	355	611	770	908	733	1 598	1 921	6 896	10 426
June	383	564	738	867	802	1 660	2 049	7 063	10 468
2000-2001									
September	404	539	715	786	875	1 700	2 145	7 164	10 535

(a) Not directly comparable with estimates of actual expenditure due to likely over/under realisation

-see paragraphs 22 to 25 of the Explanatory Notes.

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ACTUAL EXPENDITURE, By Type of Asset and Industry—Chain volume measures(a)

	ASSET			INDUSTRY	INDUSTRY				
	Buildings and structures	Equipment, plant and machinery	Total	Mining	Manufacturing	Other selected industries	Total		
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m		
			ORIGINA	L					
1998–1999	13 709	30 973	44 682	8 725	9 435	26 522	44 682		
1999–2000	11 658	32 320	43 978	5 256	9 995	28 727	43 978		
L998–1999									
June	2 802	8 078	10 892	1 845	2 326	6 714	10 892		
1999–2000									
September	3 079	7 880	10 959	1 818	2 403	6 737	10 959		
December	2 825	8 345	11 169	1 262	2 742	7 165	11 169		
March	2 669	7 437	10 106	960	2 344	6 802	10 106		
June	3 085	8 659	11 744	1 216	2 506	8 022	11 744		
2000–2001	2 489	9 106	10 645	947	2.252	7 446	10 615		
September	2 489	8 126	10 615	947	2 252	7 416	10 615		
			SEASONALLY AD	DJUSTED					
1998-1999	13 709	30 973	44 682	8 725	9 435	26 522	44 682		
L999–2000	11 658	32 320	43 978	5 256	9 995	28 727	43 978		
L998–1999									
June	2 774	7 390	10 174	1 794	2 093	6 280	10 174		
L999–2000									
September	3 230	8 122	11 358	1 856	2 577	6 920	11 358		
December	2 469	8 002	10 471	1 171	2 550	6 749	10 471		
March	2 923	8 259	11 180	1 052	2 603	7 527	11 180		
June	3 037	7 937	10 970	1 178	2 264	7 531	10 970		
2000-2001	0.050	0.067	44.000			7 653			
September	2659		11 036	962	2 413		11.036		
September	2 659	8 367	11 036	962	2 413	7 005	11 036		
September	2 659	0 30 7			2 413	1 000	11 036		
September	2 659	8 301	11 036 TREND ESTIM		2 413	1 005	11 036		
1998–1999	13 799	31 130	TREND ESTIM 44 927	ATES 8 845	9 600	26 488	44 927		
1998–1999			TREND ESTIM	ATES					
1998–1999 1999–2000 1998–1999	13 799	31 130	TREND ESTIM 44 927	ATES 8 845	9 600	26 488	44 927		
1998–1999 1999–2000 1998–1999 June	13 799	31 130	TREND ESTIM 44 927	ATES 8 845	9 600	26 488	44 927		
L998–1999 L999–2000 L998–1999 June L999–2000	13 799 11 354 3 032	31 130 32 254 7 788	TREND ESTIM 44 927 43 614 10 829	ATES 8 845 5 139 1 878	9 600 9 918 2 366	26 488 28 554 6 579	44 927 43 614 10 829		
L998–1999 L999–2000 L998–1999 June L999–2000 September	13 799 11 354 3 032 2 849	31 130 32 254 7 788 7 935	TREND ESTIM 44 927 43 614 10 829 10 790	ATES 8 845 5 139 1 878 1 621	9 600 9 918 2 366 2 459	26 488 28 554 6 579 6 705	44 927 43 614 10 829 10 790		
1998–1999 1999–2000 1998–1999 June 1999–2000 September December	13 799 11 354 3 032 2 849 2 814	31 130 32 254 7 788 7 935 8 041	TREND ESTIM 44 927 43 614 10 829 10 790 10 856	ATES 8 845 5 139 1 878 1 621 1 333	9 600 9 918 2 366 2 459 2 537	26 488 28 554 6 579 6 705 6 985	44 927 43 614 10 829 10 790 10 856		
1998–1999 1999–2000 1998–1999 June 1999–2000 September December March	13 799 11 354 3 032 2 849 2 814 2 841	31 130 32 254 7 788 7 935 8 041 8 129	TREND ESTIM 44 927 43 614 10 829 10 790 10 856 10 968	ATES 8 845 5 139 1 878 1 621 1 333 1 139	9 600 9 918 2 366 2 459 2 537 2 513	26 488 28 554 6 579 6 705 6 985 7 319	44 927 43 614 10 829 10 790 10 856 10 968		
1998–1999 1999–2000 1998–1999 June 1999–2000 September December	13 799 11 354 3 032 2 849 2 814	31 130 32 254 7 788 7 935 8 041	TREND ESTIM 44 927 43 614 10 829 10 790 10 856	ATES 8 845 5 139 1 878 1 621 1 333	9 600 9 918 2 366 2 459 2 537	26 488 28 554 6 579 6 705 6 985	44 927 43 614 10 829 10 790 10 856		

(a) Reference year for chain volume measures is 1998–99.



ACTUAL & EXPECTED CAPITAL EXPENDITURE, By Type of Asset—Current prices

Financial year	12 months expectation as reported in Jan–Feb of previous financial year (Estimate 1)	12 months expectation as reported in Apr–May of previous financial year (Estimate 2)	12 months expectation as reported in Jul–Aug (Estimate 3)	3 months actual and 9 months expectation as reported in Oct–Nov (Estimate 4)	6 months actual and 6 months expectation as reported in Jan-Feb (Estimate 5)	9 months actual and 3 months expectation as reported in Apr–May (Estimate 6)	12 months actual (Estimate 7)
•••••		BU	ILDINGS AND ST	RUCTURES (\$ mi	llion)	• • • • • • • • • • • • • •	• • • • • • • • • • • • • • •
1996–1997	9 559	11 643	14 017	15 056	15 633	15 769	14 330
1997-1998	12 085	14 505	13 668	14 014	13 593	13 740	13 150
1998-1999	11 812	13 587	14 789	15 978	14 711	14 081	13 709
1999-2000	9 258	8 655	10 287	11 663	12 731	12 488	12 003
2000-2001	8 877	9 198	10 295	10 822	n.y.a.	n.y.a.	n.y.a.
• • • • • • • • • • • • •		BIIII DIN		URES (Realisatio	n Patio)(a)	• • • • • • • • • • • • •	
1007 1009	1.09	0.91	0.96	0.94	0.97	0.96	1.00
1997–1998 1998–1999	1.16	1.01	0.98	0.94	0.93	0.98	1.00
1998-1999	1.30	1.39	1.17	1.03	0.94	0.96	1.00
	1.29	1.39	1.05	0.96	0.94	0.96	1.00
5 year average	1.29	1.17	1.05	0.90	0.94	0.96	1.00
• • • • • • • • • • • • •		EOUIPI	MENT. PLANT AN	D MACHINERY (\$	s million)		• • • • • • • • • • • • • • •
1996–1997	22 841	25 174	26 384	27 428	27 996	28 845	29 507
1997-1998	20 229	22 974	27 193	30 974	32 637	33 151	33 060
1998-1999	26 104	27 905	29 948	29 276	30 467	31 386	30 973
1999-2000	22 787	23 912	25 977	28 713	29 203	30 728	30 444
2000-2001	24 046	25 439	26 996	30 059	n.y.a.	n.y.a.	n.y.a.
• • • • • • • • • • • • •		•••••	• • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • •		•••••
		-		CHINERY (Realis			
1997–1998	1.63	1.44	1.22	1.07	1.01	1.00	1.00
1998–1999	1.19	1.11	1.03	1.06	1.02	0.99	1.00
1999–2000	1.34	1.27	1.17	1.06	1.04	0.99	1.00
5 year average	1.38	1.25	1.14	1.07	1.04	1.00	1.00
••••		•••••	TOTAL ((\$ million)		• • • • • • • • • • • • • •	• • • • • • • • • • • • • • •
1996–1997	32 400	36 817	40 401	42 484	43 629	44 614	43 837
1996-1997 1997-1998	32 400	37 479	40 401 40 861	44 988	45 029 46 229	46 892	46 210
1997-1998	37 916	41 492	40 801 44 737	45 253	40 229 45 178	40 892 45 467	40 210
1998-1999	32 045	32 568	36 264	40 375	41 934	43 216	42 447
2000-2001	32 923	34 638	37 291	40 881	n.y.a.	n.y.a.	n.y.a.
• • • • • • • • • • • • •						• • • • • • • • • • • • • •	••••
			TOTAL (Reali	sation Ratio)(a)			
1997–1998	1.43	1.23	1.13	1.03	1.00	0.99	1.00
1998–1999	1.18	1.08	1.00	0.99	0.99	0.98	1.00
1999–2000	1.32	1.30	1.17	1.05	1.01	0.98	1.00
5 year average	1.35	1.21	1.11	1.04	1.01	0.99	1.00
•••••				• • • • • • • • • • • • • •			•••••
1996–1997	n.a.	AL (Percentage 13.6	change over prev 9.7	ious estimate fo/ 5.2	r same financial 2.7	year) 2.3	-1.7
1997-1998	n.a.	16.0	9.0	10.1	2.8	1.4	-1.5
1998-1999	n.a.	9.4	7.8	1.2	-0.2	0.6	-1.7
1999-2000	n.a.	1.6	11.4	11.3	3.9	3.1	-1.8
2000-2001	n.a.	5.2	7.7	9.6	n.y.a.	n.y.a.	n.y.a.
• • • • • • • • • • • • •		•••••	• • • • • • • • • • • • •	• • • • • • • • • • • • •			• • • • • • • • • • • • • •
	TOTAL (I	Percentage chan	ge over correspo	onding estimate f	for previous finar	ncial year)	
1997–1998	-0.2	1.8	1.1	5.9	6.0	5.1	5.4
1998–1999	17.3	10.7	9.5	0.6	-2.3	-3.0	-3.3
1999–2000	-15.5	-21.5	-18.9	-10.8	-7.2	-5.0	-5.0

(a) Ratio of actual expenditure for the financial year to each progressive estimate for the

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financial year. For more information see paragraphs 22 to 25 of the Explanatory Notes.



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ACTUAL & EXPECTED CAPITAL EXPENDITURE, By Industry-Current prices

Financial year 1996–1997 1997–1998 1998–1999 1999–2000 2000–2001	12 months expectation as reported in Jan–Feb of previous financial year (Estimate 1) 9 711 7 727 8 679 8 735 8 909	12 months expectation as reported in Apr–May of previous financial year (Estimate 2) 10 037 8 826 10 412 8 587 9 528	12 months expectation as reported in Jul–Aug (Estimate 3) MANUFACTU 10 652 10 108 11 257 9 015 9 923	3 months actual and 9 months expectation as reported in Oct–Nov (Estimate 4) RING (\$ million) 11 081 10 936 10 456 9 594 9 792	6 months actual and 6 months expectation as reported in Jan-Feb (Estimate 5) 10 350 11 066 10 371 9 837 n.y.a.	9 months actual and 3 months expectation as reported in Apr–May (Estimate 6) 10 359 11 451 9 963 9 987 n.y.a.	12 months actual (Estimate 7) 10 198 10 996 9 435 9 685 n.y.a.
• • • • • • • • • • • • •						• • • • • • • • • • • • •	• • • • • • • • • • • • • •
		M	ANUFACTURING	(Realisation Ratio	o)(a)		
1997–1998	1.42	1.25	1.09	1.01	0.99	0.96	1.00
1998–1999	1.09	0.91	0.84	0.90	0.91	0.95	1.00
1999–2000	1.11	1.13	1.07	1.01	0.98	0.97	1.00
5 year average	1.17	1.07	0.99	0.95	0.96	0.96	1.00
• • • • • • • • • • • •				• • • • • • • • • • • • •			• • • • • • • • • • • • • •
			MINING	(\$ million)			
1996–1997	7 789	9 913	10 113	9 932	9 452	9 354	8 781
1997–1998	8 592	9 588	11 027	11 908	12 090	11 551	11 029
1998–1999	9 404	10 088	9 245	9 633	9 354	9 049	8 725
1999–2000	6 510	5 524	5 991	6 334	5 598	5 556	5 288
2000–2001	5 183	5 378	5 567	6 231	n.y.a.	n.y.a.	n.y.a.
• • • • • • • • • • • • •							
			MINING (Real	isation Ratio)(a)			
1997-1998	1.28	1.15	1.00	0.93	0.91	0.95	1.00
1998-1999	0.93	0.86	0.94	0.91	0.93	0.96	1.00
1999-2000	0.81	0.96	0.88	0.83	0.94	0.95	1.00
5 year average	1.10	1.00	0.94	0.91	0.94	0.96	1.00
		OTI	HER SELECTED I	NDUSTRIES (\$ mi	illion)		
1006 1007	14,000	16 967	10 626	21 470	23 827	24 001	24 850
1996-1997	14 900 16 002	16 867 19 065	19 636 19 726	21 470 22 144	23 827 23 074	24 901 23 889	24 859 24 185
1997–1998 1998–1999	19 833	20 992	24 235	25 165	25 453	25 889 26 455	26 522
1998-1999	16 800	18 457	21 259	24 447	26 499	27 673	27 475
2000-2001	18 830	19 732	21 801	24 858	n.y.a.	n.y.a.	n.y.a.
					J -	y -	, -
• • • • • • • • • • • • •			• • • • • • • • • • • •	• • • • • • • • • • • • • •			•••••
		OTHER S	ELECTED INDUS	TRIES (Realisatio	n Ratio)(a)		
1997–1998	1.51	1.27	1.23	1.09	1.05	1.01	1.00
1998–1999	1.34	1.26	1.09	1.05	1.04	1.00	1.00
1999–2000	1.64	1.49	1.29	1.12	1.04	0.99	1.00
5 year average	1.57	1.39	1.24	1.13	1.05	1.01	1.00

(a) Ratio of actual expenditure for the financial year to each progressive estimate for the

financial year. For more information see paragraphs 22 to 25 of the Explanatory Notes.



RATIOS OF ACTUAL TO SHORT TERM EXPECTATION FOR SAME PERIOD(a)—Current prices

	3 MONTHS ENDING		6 MONTHS ENDING			
Financial year	31 December (collected in September Survey)	30 June (collected in March Survey)	31 December (collected in June Survey)	30 June (collected in December Survey)		
• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •		
Buildings and Strue	ctures	TYPE OF ASSET				
1997-1998	0.91	0.86	0.92	0.94		
1997-1998	0.87	0.88	0.90	0.85		
1998-1999	0.98	0.87	1.05	0.89		
5 year average		0.86	0.99	0.89		
Equipment, Plant a			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		
1997-1998	1.02	0.99	1.15	1.03		
1998-1999	1.00	0.95	0.95	1.03		
1999–2000	0.96	0.97	1.11	1.09		
5 year average	0.99	1.00	1.06	1.07		
Total			• • • • • • • • • • • • • • • • • • • •			
1997–1998	0.99	0.95	1.08	1.00		
1997-1998	0.99	0.93	0.93	0.98		
1998-1999	0.93	0.93	1.09	1.02		
5 year average		0.95	1.03	1.02		
Mining		TYPE OF INDUST	RY			
1997–1998	0.92	0.85	1.02	0.84		
1998-1999	0.91	0.85	0.97	0.86		
1999-2000	0.75	0.82	0.92	0.88		
5 year average		0.84	0.93	0.88		
Manufacturing	• • • • • • • • • • • • • • • • • • • •		••••••			
Manufacturing						
1997-1998	0.96	0.86	1.03	0.99		
1998–1999	0.85	0.81	0.80	0.83		
1999–2000	0.93	0.89	0.98	0.97		
5 year average	0.87	0.87	0.93	0.93		
Other Selected Ind	lustries		• • • • • • • • • • • • • • • • • • • •			
1997–1998	1.04	1.05	1.13	1.10		
1998-1999	1.04	1.01	0.97	1.09		
1999-2000	1.01	0.97	1.19	1.05		
5 year average		1.03	1.13	1.11		
Total	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		
4007 4000	0.00		1.00	1.00		
1997-1998	0.99	0.95	1.08	1.00		
1998-1999	0.95	0.93	0.93	0.98		
1999–2000	0.97	0.94	1.09	1.02		
5 year average	0.97	0.95	1.03	1.01		

(a) For more information on Realisation Ratios see paragraphs 22 to 25 of the Explanatory Notes.

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INTRODUCTION	1 This publication contains estimates of actual and expected new capital expenditure by private businesses for selected industries in Australia. The series have been compiled from data collected by the Australian Bureau of Statistics (ABS) in its quarterly Survey of New Capital Expenditure.
SCOPE OF THE SURVEY	2 The Survey of New Capital Expenditure includes the following industries classified according to the Australian and New Zealand Standard Industrial Classification, ANZSIC, 1993: Mining (Division B) Manufacturing (Division C) Food, beverages and tobacco (21) Textiles, clothing, footwear and leather (22) Wood and paper products (23) Printing, publishing and recorded media (24) Petroleum, coal, chemical and associated products (25) Non-metallic mineral products (26) Metal products (27) Machinery and equipment (28) Other manufacturing (29) Other Selected Industries Construction (Division F) Retail trade (Division F) Retail trade (Division F) Retail trade (Division G) Transport & storage (Division I) Finance and insurance (Division I) Other selected services (including electricity & gas; accommodation, cafes & restaurants; communication; cultural & recreational services; and personal services (36,37,57,71,91–93,95)
	The survey excludes the following industries:
	Agriculture, forestry and fishing
	Government administration & defence
	Education
	Health and community services
	Other services
	3 The scope excludes public sector business units (i.e. all departments authorities

3 The scope excludes public sector business units (i.e. all departments, authorities and other organisations owned and controlled by Commonwealth, State and Local Government).

4 The Survey of New Capital Expenditure, like most ABS economic collections, takes its frame from the ABS Business Register which is primarily based on registrations to the Australian Taxation Office's Group Employer Scheme. The frame is updated quarterly to take account of new businesses, cessations, changes in employment levels, changes in industry and other general business changes. Cessations include businesses which have cancelled their Group Employer registration or have not remitted to the Australian Taxation Office for five quarters or more.

5 The statistics in this publication generally exclude non-employing businesses which had not registered as group employers with the Australian Taxation Office. Though a substantial number, it is expected that these businesses would not contribute significantly to the estimates, although the impact would vary from industry to industry.

SURVEY METHODOLOGY	6 The survey is conducted by mail on a quarterly basis. It is based on a random sample of approximately 6,800 units which is stratified by industry, state/territory and number of employees. The figures obtained from the selected businesses are supplemented by data from units which have large capital expenditure and/or large employment and which are outside the sample framework, or not adequately covered by it.
	7 Respondents are asked to provide data on the same basis as their own management accounts. Where a particular business unit does not respond in a given survey period, an estimate is substituted. Revisions may be made to these estimates if data are provided subsequently from those businesses. Aggregates are calculated from all data using the 'number raised' estimation technique. Data are edited at both individual unit level and at aggregate level.
	8 Surveys are conducted in respect of each quarter and returns are completed in the 8 or 9 week period after the end of the quarter to which the survey data relate (e.g. March quarter survey returns are completed during April and May). Full details of the reporting cycle are shown below.
TIMING AND CONSTRUCTION OF SURVEY CYCLE	 9 Businesses are requested to provide 3 basic figures in each survey: Actual expenditure incurred during the reference period (Act) A short term expectation (E1) A longer term expectation (E2).

	Period to which reported data relates			
	1999–2000	2000-2001	2001-2002	
Survey quarter	Dec Mar Jun	Sep Dec Mar Jun	Sep Dec Mar Jun	
December 1999	Act E1	E2		
March 2000	Act Act E1	E2		
June 2000	Act Act Act	E1 E2		
September 2000		Act E1 E2		
December 2000		Act Act E1	E2	
March 2001		Act Act Act E1	E2	
June 2001		Act Act Act Act	E1 E2	

10 This survey cycle facilitates the formation of estimates of expenditure for financial years (12 months ending 30 June). For example, as the table above shows, the first estimate for 2000-2001 was available from the December 1999 survey as a longer term expectation (E2). It was subsequently revised in the March 2000 survey (again as a longer term expectation) and in the June 2000 survey as the sum of two expectations (E1 + E2). In the September and subsequent surveys the estimate is derived as the sum of actual expenditure (for that part of the year completed) and expected expenditure (for the remainder of the year). The final (or seventh) estimate from the June quarter 2001 survey, will be derived by summing the actual expenditure for each of the four quarters.

EXPLANATION OF TIMING OF ESTIMATES

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11 The graphs on page 4 and Tables 4 and 5 of this publication contain 7 estimates of expenditure for each financial year.

COMPOSITION OF ESTIMATE.....

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	Estimate	Based on data reported at:	Data on actual expenditure	Data on short- term expected expenditure	Data on long- term expected expenditure
	• • • • • •		•••••		• • • • • • • • • •
	1 2 3 4 5 6 7	Jan–Feb, 5–6 months before period begins Apr–May, 2–3 months before period begins Jul–Aug, at beginning of period Oct–Nov, 3–4 months into period Jan–Feb, 6–7 months into period Apr–May, 9–10 months into period Jul–Aug, at end of period		Nil Nil 6 months 3 months 6 months 3 months Nil	12 months 12 months 6 months 6 months Nil Nil Nil
SAMPLE REVISION	remain i quarter's	e survey frames and samples are revised representative of the survey population. s survey frame is consistent with that of ter consistency when comparing data ac	The timing other ABS s	g for creating e surveys. This p	each
	13 Add sampled	litionally, with these revisions to the san l sector are rotated out of the survey and orting workload equitably.	nple, some	of the units fro	
	business the regis are smal	ustments are included in the estimates to see to the ABS Business Register, and the ster. The majority of businesses affected I in size. As an indication of the size of 2000 they represented about 3.2% of the ture.	e omission l and to wh these adjust	of some busin ich adjustmen tments, in Sep	esses from its apply itember
STATISTICAL UNIT	unit is th homoge with the diversific each coi	e survey uses the management unit as the ne highest-level accounting unit within a eneity, for which accounts are maintaine e legal entity owning the business (i.e. co ed businesses, however, there may be n enciding with a 'division' or 'line of busir nised where separate and comprehensiv	t business, ł d. In nearly ompany, etc nore than o ness'. A divis	naving regard all cases it coi c). In the case ne manageme sion or line of	to industry incides of large nt unit, business
CLASSIFICATION BY INDUSTRY	has beer industry	Australian and New Zealand Standard I n developed for use in both countries fo statistics. It replaces the Australian Stan New Zealand Standard Industrial Classif	or the produ Idard Indus	iction and ana trial Classificat	lysis of
		more information, users are referred to d Industrial Classification, 1993, ANZS.			
	(as defir	order to classify new capital expenditure ned above) is classified to the Australian al Classification (ANZSIC) industry in wh	and New Ze	ealand Standai	
CHAIN VOLUME MEASURES	reweigh chosen	e chain volume measures appearing in th ted chain Laspeyres indexes referenced reference year (currently 1998–1999). C ced in September quarter 1998, replacin	to current j hain volum	price values in e measures we	the

CHAIN VOLUME MEASURES continued

20 The current price value may be thought of as being the product of a price and quantity. The value in chain volume terms can be derived by linking together movements in volumes, calculated using the average prices of the previous financial year, and applying the compounded movements to the current price estimates of the reference year. Each year's quarter-to-quarter growth rates in the chain volume series are based on the prices of the previous financial year, except for those of the quarters of the latest incomplete year which are based upon the second most recent financial year. With each release of the June quarter issue of this publication, a new base year will be introduced and the reference year will be advanced one year to coincide with it. This means that with the release of the June guarter 2001 issue of this publication, the chain volume measures for 2000-2001 will have 1999-2000 (the previous financial year) as their base year rather than 1998–1999, and the reference year will be 1999–2000. A change in reference year changes levels, but not growth rates for all periods. A change in the base year can result in revisions, small in most cases, to growth rates for recent quarters.

21 Chain volume measures are not generally additive. In other words, component chain volume measures do not, in general, sum to a total in the way original current price components do. For capital expenditure data, this means that the original chain volume estimates for industry groups will not add to total capital expenditure for Australia. In order to minimise the impact of this, the ABS uses the latest base year as the reference year. By adopting this approach, additivity does exist for the quarters following the reference year and non-additivity is relatively small for the quarters in the reference year and those immediately preceding it. For further information on chain volume measures refer to the Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (Cat. no. 5248.0).

22 Once actual expenditure for a financial year is known, it is useful to investigate REALISATION RATIOS the relationship between each of the prior 6 estimates of expenditure for that financial year and the actual expenditure (see paragraphs 9-11 above for an explanation of the derivation of the 7 estimates). The resultant realisation ratios (subsequent actual expenditure divided by expected expenditure) then indicate how much expenditure was actually incurred against the amount expected to be incurred at the various times of reporting. Realisation ratios can also be formed separately for 3 or 6 month expectations as well as the 12 month E2 estimates or combinations of estimates containing at least some expectation components (e.g. 6 months actual and 6 months expected expenditure).

> **23** Realisation ratios provide an important tool in understanding and interpreting expectation statistics for future periods. The application of realisation ratios enables the adjustment of expectation data for known under (or over) realisation patterns in the past and hence provides a valid basis for comparison with other expectation data and actual expenditure estimates. Once this has been done the predictions can be more validly compared with each other and with previously derived estimates of actual expenditure for earlier years. For example, if one wished to make a prediction about actual expenditure for 2000-2001 based on the June 2000 survey results and compare this with 1999-2000 expenditure, it is necessary to apply the relevant realisation factors to the expectation to put both estimates on the same basis.

24 There are many ways in which realisation ratios can be applied to make predictions of actual expenditure for a future period. A range of realisation ratios for both type of asset and industry estimates is provided in Tables 4 and 5.

DERIVATION AND USEFULNESS OF

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DERIVATION AND USEFULNESS OF REALISATION RATIOS continued	25 In using realisation ratios to adjust expectations data, attention should be paid to the range of values that has occurred in the past. A wide range of values is indicative of volatility in the realisation patterns and hence greater caution should be exercised regarding the predictive value of the expectation, even after adjustment by application of realisation ratios. This is particularly the case with the early twelve month expectations for the following financial year collected in the December and March surveys.
RELIABILITY OF THE ESTIMATES	26 Estimates provided in this publication are subject to non-sampling and sampling errors. Details of sampling errors are on pages 19 and 20 of this publication.
	27 Non-sampling errors may arise as a result of errors in the reporting, recording or processing of the data and can occur even if there is a complete enumeration of the population. These errors can be introduced through inadequacies in the questionnaire, non-response, inaccurate reporting by respondents, errors in the application of survey procedures, incorrect recording of answers, and errors in data entry and processing.
	28 It is difficult to measure the size of non-sampling errors. However, every effort is made in the design of the survey and development of survey procedures to minimise their effects.
SEASONAL ADJUSTMENT	29 The quarterly actual new capital expenditure series in this publication are affected to some extent by seasonal influences and it is useful to recognise and take account of this element of variation.
	30 Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences can be more clearly recognised.
	31 Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. a change in interest rates), and reflect the sampling and other errors to which the original figures are subject. Particular care should be taken in interpreting quarterly movements in the adjusted figures in this publication, especially for detailed industry estimates. It should be noted that the seasonally adjusted figures necessarily reflect the sampling and other errors to which the original figures are subject.
	32 At least once each year the seasonally adjusted series are revised to take account of the latest available data. The most recent reanalysis takes into account data collected up to and including the March quarter 2000 survey. Data for periods after March 2000 are seasonally adjusted on the basis of extrapolation of historical patterns. The nature of the seasonal adjustment process is such that the magnitude of some revisions resulting from reanalysis may be quite significant, especially for data for more recent quarters.
TREND ESTIMATES	33 The trend estimates are derived by applying a 7-term Henderson moving average to the seasonally adjusted series. The 7-term Henderson average (like all Henderson averages) is symmetric, but as the end of a time series is approached, asymmetric forms of the average are applied. Unlike the weights of the standard 7-term Henderson moving average, the weights employed here have been tailored to suit the particular characteristics of individual series. While the asymmetric weights enable trend estimates for recent quarters to be produced, it does result in revisions to the estimates for the most recent three quarters as additional observations become available. There may also be revisions because of changes in the original data and as a result of the re-estimation of the seasonal factors.

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TREND ESTIMATES continued	34 For further information, see <i>A Guide to Interpreting Time Series-Monitoring 'Trends': an Overview</i> (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6345.
DESCRIPTION OF TERMS	35 A description of the terms used in this publication is given below:
	36 <i>New capital expenditure</i> refers to the acquisition of new tangible assets either on own account or under a finance lease and includes major improvements, alterations and additions. In general, this is expenditure charged to fixed tangible assets accounts excluding expenditure on second hand assets unless these are imported for the first time.
	37 Some estimates are dissected by type of asset:
	 <i>Buildings and Structures.</i> Includes industrial and commercial buildings, houses, flats, home units, water and sewerage installations, lifts, heating, ventilating and similar equipment forming an integral part of buildings and structures, land development and construction site development, roads, bridges, wharves, harbours, railway lines, pipelines, power and telephone lines. Also includes mine development (e.g. construction of shafts in underground mines, preparation of mining and quarrying sites for open cut extraction and other developmental operations primarily for commencing or extending production). Excludes purchases of land, previously occupied buildings and speculatively built projects intended for sale before occupation.
	• <i>Equipment, plant and machinery.</i> Includes plant, machinery, vehicles, electrical apparatus, office equipment, furniture, fixtures and fittings not forming an integral part of buildings, durable containers, special tooling, etc. Also includes goods imported for the first time whether previously used outside Australia or not.
FRAME	38 A list of all members of the target population for a survey. The frame for this survey is a list of all businesses in the ANZSIC divisions, subdivisions and groups listed in paragraph 2. This is extracted from the ABS Business Register, which is a list of all employing Australian businesses, as described in paragraph 4.
COMPARISON WITH OTHER ABS STATISTICS	39 The statistics for new capital expenditure shown in this publication differ from estimates of private gross fixed capital formation shown in the Australian National Accounts for the following reasons:
	 National Accounts estimates incorporate data from other sources as well as information from the New Capital Expenditure Survey. For example, annual estimates for capital formation in 'machinery and equipment' are based on the ABS ' annual Economic Activity Survey combined with data from the Australian Taxation Office. Quarterly estimates are interpolated between and extrapolated from the annual estimates using a variety of indicators including this survey. The ABS' quarterly Building Activity Survey and Engineering Construction Survey are the main sources for estimating the National Accounts dwellings and other buildings and structures items respectively. National Accounts estimates include capital expenditure by all private businesses including units classified to agriculture, forestry and fishing, education, and health and community services industries and capital expenditure on dwellings by households. Data for these sectors are excluded from this publication.

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COMPARISON WITH OTHER ABS STATISTICS continued	 National Accounts estimates include the value of work done on speculative construction projects as the work is put into place. The statistics in this publication, however, include the full value of the speculative projects as new capital expenditure of the purchasers (if in scope), when the project is sold. For machinery and equipment, the National Accounts estimates relate to acquisitions less disposals of all fixed tangible assets whereas the survey figures are acquisitions of new fixed tangible assets only. 40 For a more detailed explanation of the concepts and methods used in compiling the National Accounts estimates see Australian National Accounts: Concepts, Sources and Methods (Cat. no. 5216.0).
RELATED PUBLICATIONS	41 Users may also wish to refer the following publications:
	 Australian Business Expectations (Cat. no. 5250.0)
	 Australian National Accounts: National Income, Expenditure and Product (Cat. no. 5206.0)
	 Australian National Accounts: Concepts, Sources and Methods
	(Cat no. 5216.0)
	Building Activity, Australia (Cat. no. 8752.0)
	Business Operations and Industry Performance, Australia (Cat. no. 8140.0)
	Company Profits, Australia (Cat. no. 5651.0)
	 Directory of Capital Expenditure Data Sources and Related Statistics (Cat. no. 5653.0)
	 Engineering Construction Activity, Australia (Cat. no. 8762.0)
	 Introduction of Chain Volume Measures in the Australian National Accounts (Cat. no. 5248.0)
	 Inventories and Sales, Selected Industries, Australia (Cat. no. 5629.0)
	 Private New Capital Expenditure, State Estimates (Cat. no. 5646.0).
RELATED PUBLICATIONS	42 Current publications produced by the ABS are listed in the <i>Catalogue of Publications and Products, Australia</i> (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a <i>Release Advice</i> (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.
UNPUBLISHED DATA	43 In addition to the data contained in this publication, more detailed industry information may be made available on request, the cost for such a service being dependent upon the amount of data requested. For example, data are generally available at the ANZSIC group (3 digit) level.
SYMBOLS AND OTHER USAGES	ANZSIC Australian and New Zealand Standard Industrial Classification

n.y.a. not yet available

STANDARD ERRORS

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INTRODUCTION	The estimates in this publication are based on a sample drawn from units in the surveyed population. Because the entire population is not surveyed, the published estimates are subject to sampling error. The most common way of quantifying such sampling error is to calculate the standard error for the published estimate or statistic.
LEVEL ESTIMATES	To illustrate, let us say that the published level estimate for total new capital expenditure is \$10,500m and the calculated standard error in this case is \$173m. The standard error is then used to interpret the level estimate of \$10,500m.
	For instance, the standard error of \$173m indicates that:
	 There are approximately two chances in three that the real value falls within the range \$10,327m to \$10,673m (\$10,500m ± \$173m) There are approximately nineteen chances in twenty that the real value falls within the ranges \$10,154m and \$10,846m (\$10,500m ± \$346m)
	The real value in this case is the result we would obtain if we could enumerate the total population.
	The following table shows the standard errors for national quarterly level estimates.

These standard errors are based on a smoothed average of capital expenditure

	Building and structures \$m	Equipment, plant and machinery \$m	Total \$m
Mining	11	16	36
Manufacturing	16	51	62
Construction	7	35	40
Wholesale trade	5	57	65
letail trade	7	22	34
ransport and storage	10	40	45
Services to finance and insurance	3	29	31
Property and business services	52	62	84
Other services	69	36	89
otal	90	124	173

estimates.

STANDARD ERRORS

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MOVEMENT ESTIMATES	movement estima new capital exper is \$11,100m. In th	tte. Let us say that aditure is \$10,500r is example the cal	one quarter the pub n, and the next quart culated standard erro	rd error to interpret a lished level estimate for total er the published level estimate or for the movement estimate is published movement estimate
	,		\$221m indicates that:	
	 There are approximately two chances in three that the real movement over the two quarter period falls within the range \$379m to \$821m (\$600m ± \$221m) There are approximately nineteen chances in twenty that the real movement falls within the range \$158m to \$1,042m (\$600m ± \$442m) 			
	The following table shows the standard errors for national quarterly movement			
	estimates. These sexpenditure estim		e based on a smooth	ed average of capital
		Building and	Equipment, plant	Total

	structures	and machinery		
	\$m	\$m	\$m	
Mining	15	23	49	
Manufacturing	22	64	78	
Construction	10	48	55	
Wholesale trade	7	51	66	
Retail trade	11	25	45	
Transport and storage	12	49	53	
Services to finance and insurance	5	40	32	
Property and business services	74	84	114	
Other services	98	46	119	
Total	127	153	221	
••••••	• • • • • • • • • • • • • •	••••••	• • • • • • • • • •	• • • • • • • • • •

EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

Each time new seasonally adjusted estimates become available, trend estimates are revised (see paragraphs 29 to 34 of the Explanatory Notes).

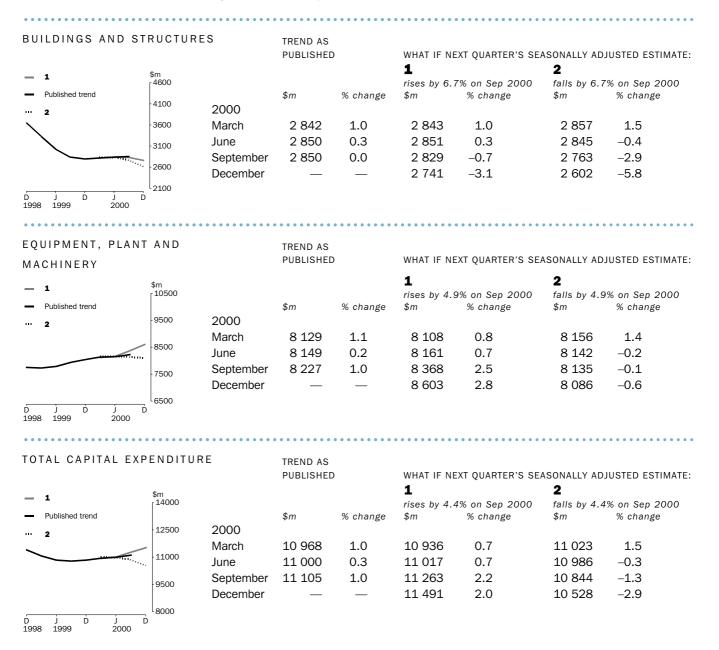
TREND REVISIONS

The examples in the tables below show two scenarios and the consequent revisions to previous trend estimates of capital expenditure by private businesses.

1 The December quarter seasonally adjusted estimate of chain volume measures is higher than the September quarter estimate by the percentage shown.

2 The December quarter seasonally adjusted estimate of chain volume measures is lower than the September quarter estimate by the percentage shown.

The percentages chosen are approximately the long term average movement, without regard to sign, in the seasonally adjusted series.



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