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STATE ESTIMATES OF PRIVATE NEW CAPITAL EXPENDITURE DECEMBER QUARTER 1996

Note 1 The seasonally adjusted estimates for States should be interpreted with care. Refer to paragraphs 26 to 32 of the explanatory notes.

Note 2 This publication is based on results from the December quarter 1996 survey.

MAIN FEATURES

Actual Expenditure - December Quarter 1996

The trend estimates of private new capital expenditure (in constant price terms) rose by 0.9% to \$10,560m in the December quarter 1996. This follows rises of 3.5% in the September quarter and 7.0% in the June quarter.

For South Australia, expenditure on buildings rose by 9.8%, with a 4.2% rise for expenditure on equipment.

In Western Australia, expenditure on both buildings and equipment has fallen (by 11.7% and 6.5%, respectively).

In Tasmania, expenditure on buildings rose by 11.1%, while expenditure on equipment rose by 8.7%.

State Estimates by asset type

December qtr 1996

State	Trend estimates in current prices		
	Buildings \$m	Equipment \$m	Total \$m
NSW	972	2,312	3,283
Vic	844	1,993	2,838
Qld	682	1,104	1,786
SA	146	495	641
WA	561	989	1,550
Tas	40	138	178
Aust (a)	3,602	7,045	10,647

(a) Includes NT and ACT, and differences associated with the independent application of seasonal factors at State and Australian level (see paragraph 29 of the explanatory notes).

State expectations

State	Original estimates in current prices	
	Expected 1996-97 \$m	Expected 1997-98 \$m
NSW	13,494	10,611
Vic	11,460	8,644
Qld	7,141	4,662
SA	2,571	1,787
WA	6,954	6,352
Tas	638	441
Aust (a)	43,442	33,307

(a) Includes NT and ACT.

In New South Wales, trend estimates of expenditure on buildings (in current price terms) fell by 0.9% in the December quarter, while expenditure on equipment fell by 0.3%.

Expected expenditure for the 1996-97 financial year (in original current price terms) is \$43,442m. This comprises actual expenditure for the first half of \$21,654m and expectations for the second half of \$21,789m.

In Victoria, expenditure on buildings rose by 0.8%, while expenditure on equipment increased by 1.7%.

The revised first estimate for the 1997-98 financial year of \$33,307m is 5.7% higher than the corresponding estimate for the 1996-97 financial year of \$31,515m.

INQUIRIES • for further information about statistics in this publication and the availability of related unpublished statistics, contact John Stamolis on (02) 9268 4241 or any ABS State Office.
• for information about other ABS statistics and services please refer to the back page of this publication

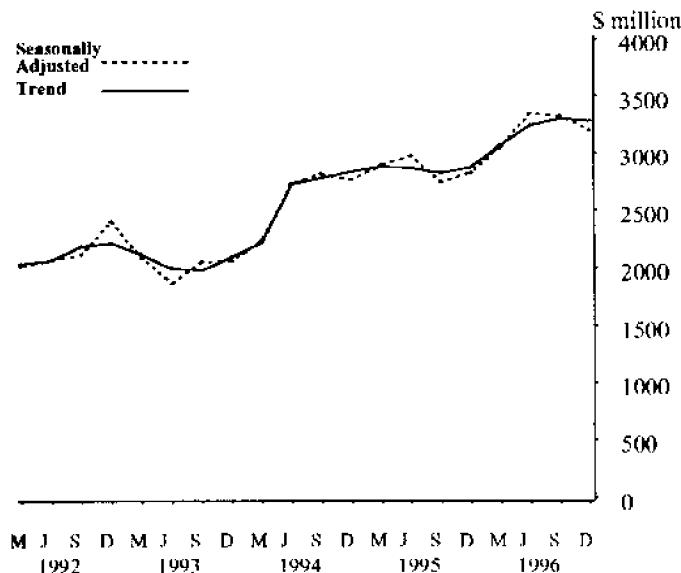
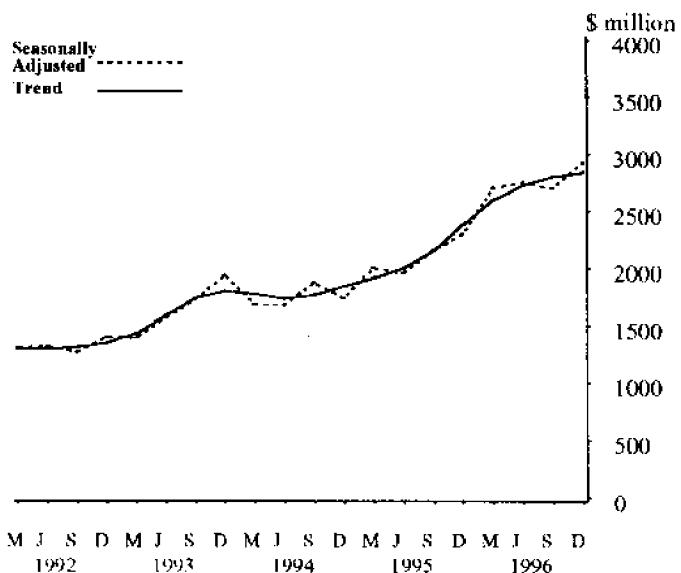
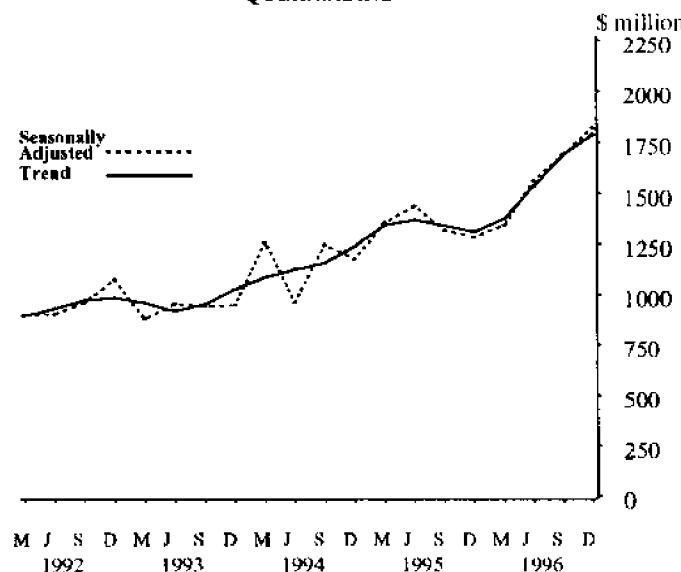
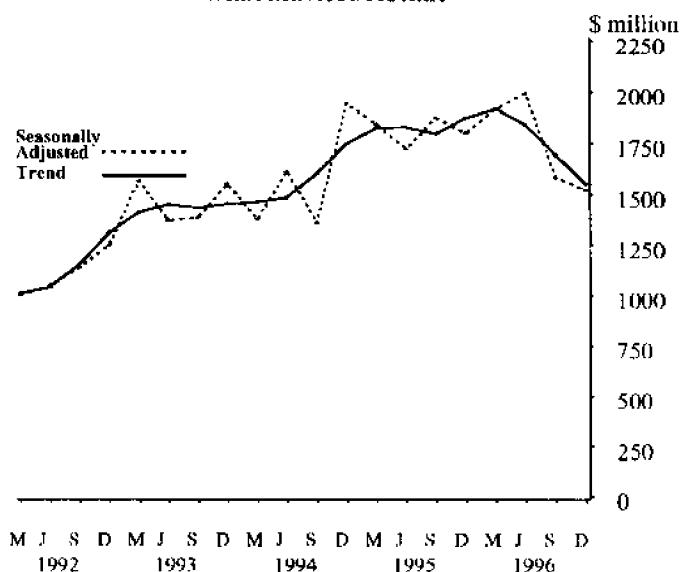
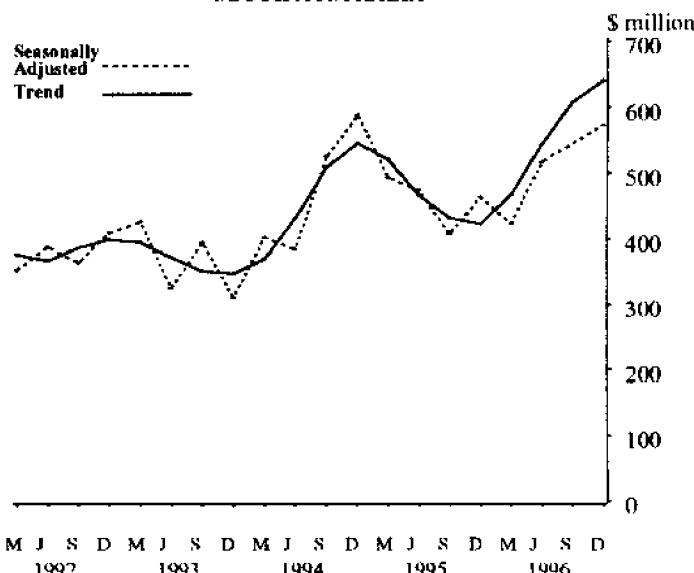
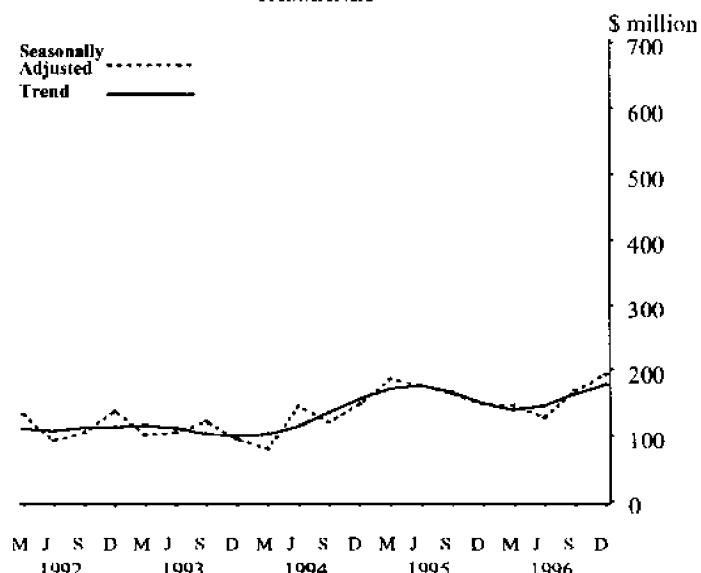
NEW SOUTH WALES**VICTORIA****QUEENSLAND****WESTERN AUSTRALIA****SOUTH AUSTRALIA****TASMANIA**

TABLE I — ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE, AUSTRALIA
BY SELECTED INDUSTRIES AND TYPE OF ASSET
CURRENT PRICES
(\$ million)

Selected Industries and Type of Asset	Actual												Expected (a)		
	1994-95			1995-96			1996-97			1997-98					
	Sept. qtr.	Dec. qtr.	March qtr.	June qtr.	Sept. qtr.	Dec. qtr.	6 Months to June 97 (b)	12 Months to June 97 (c)	1996-97 qtr.	1996-97 qtr.	1996-97 qtr.	1997-98 qtr.			
ORIGINAL															
Mining	6,664	7,356	1,676	1,906	1,641	2,132	1,942	2,276	5,201	9,419	8,522	—	—	—	—
Manufacturing	9,852	9,875	2,247	2,491	2,398	2,738	2,532	2,758	5,129	10,419	7,448	—	—	—	—
Other Selected Industries	17,805	21,370	4,715	5,540	4,639	6,477	5,749	6,396	11,459	23,604	17,336	—	—	—	—
Total New Capital Expenditure	34,321	38,601	8,638	9,938	8,679	11,347	10,224	11,430	21,789	43,442	34,307	—	—	—	—
Buildings and Structures	8,630	11,875	2,513	3,256	2,400	3,706	3,310	3,832	8,184	15,327	12,123	—	—	—	—
Equipment, Plant and Machinery	25,692	26,727	6,125	6,683	6,278	7,641	6,913	7,598	13,605	28,116	21,184	—	—	—	—
SEASONALLY ADJUSTED (d)															
Mining	6,664	7,357	1,747	1,711	1,861	2,037	2,030	2,048	—	—	—	—	—	—	—
Manufacturing	9,797	9,871	2,349	2,385	2,667	2,470	2,628	2,633	—	—	—	—	—	—	—
Other Selected Industries	17,739	21,363	4,840	4,984	5,187	6,352	5,989	5,717	—	—	—	—	—	—	—
Total New Capital Expenditure	34,200	38,592	8,936	9,081	9,716	10,859	10,648	10,398	—	—	—	—	—	—	—
Buildings and Structures	8,560	11,795	2,634	2,921	2,545	3,696	3,530	3,397	—	—	—	—	—	—	—
Equipment, Plant and Machinery	25,639	26,797	6,302	6,161	7,171	7,163	7,118	7,001	—	—	—	—	—	—	—
TREND (d)															
Mining	6,670	7,322	1,716	1,760	1,871	1,976	2,042	2,067	—	—	—	—	—	—	—
Manufacturing	9,670	10,011	2,478	2,451	2,509	2,573	2,598	2,614	—	—	—	—	—	—	—
Other Selected Industries	17,781	21,150	4,735	5,038	5,500	5,877	6,016	5,966	—	—	—	—	—	—	—
Total New Capital Expenditure	34,122	38,483	8,928	9,249	9,880	10,426	10,655	10,647	—	—	—	—	—	—	—
Buildings and Structures	8,678	11,626	2,566	2,734	3,022	3,305	3,507	3,602	—	—	—	—	—	—	—
Equipment, Plant and Machinery	25,443	26,837	6,362	6,515	6,858	7,121	7,148	7,045	—	—	—	—	—	—	—

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the six months to June as reported by businesses in the December survey. (c) Twelve month expected expenditure for the following financial year as reported by businesses in the December Survey. (d) Expected capital expenditure is not available on a seasonally adjusted or trend basis.

TABLE 2—ACTUAL PRIVATE NEW CAPITAL EXPENDITURE, AUSTRALIA
BY SELECTED INDUSTRIES AND TYPE OF ASSET
AVERAGE 1989/90 PRICES
(\$ million)

Selected Industries and Type of Asset	Actual					
	1994-95	1995-96	Sept. qtr	Dec. qtr	March qtr	June qtr
ORIGINAL						
Mining	6,142	6,710	1,519	1,745	1,495	1,776
Manufacturing	8,921	9,004	2,018	2,250	2,192	2,382
Other Selected Industries	17,344	21,094	4,611	5,411	4,600	5,949
Total New Capital Expenditure	32,406	36,808	8,148	9,406	8,287	10,967
Buildings and Structures	8,561	11,529	2,459	3,185	2,722	3,563
Equipment, Plant and Machinery	23,845	25,279	5,689	6,221	5,965	7,404
SEASONALLY ADJUSTED						
Mining	6,142	6,711	1,587	1,563	1,695	1,865
Manufacturing	8,872	8,996	2,109	2,155	2,438	2,294
Other Selected Industries	17,288	21,088	4,730	4,870	5,157	6,331
Total New Capital Expenditure	32,302	36,795	8,427	8,587	9,290	10,490
Buildings and Structures	8,502	11,450	2,578	2,857	2,472	3,543
Equipment, Plant and Machinery	23,800	25,344	5,849	5,730	6,818	6,947
TREND						
Mining	6,148	6,680	1,563	1,602	1,708	1,806
Manufacturing	8,752	9,128	2,229	2,216	2,295	2,387
Other Selected Industries	17,328	20,916	4,623	4,935	5,346	5,912
Total New Capital Expenditure	32,228	36,724	8,415	8,754	9,449	10,106
Buildings and Structures	8,617	11,286	2,517	2,669	2,926	3,173
Equipment, Plant and Machinery	23,611	25,438	5,898	6,085	6,523	6,933

TABLE 3—ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE
BY STATE AND TYPE OF ASSET
ORIGINAL SERIES
(\$ million)

State	Actual												Expected (a)							
	1994-95			1995-96			1996-97			6 Months to June 97 (b)		12 Months 1997-98 (c)								
	Sept. qtr.	Dec. qtr.	March qtr.	June qtr.	Sept. qtr.	Dec. qtr.	Sept. qtr.	Dec. qtr.	Sept. qtr.	6 Months to June 97 (b)	12 Months 1997-98 (c)									
BUILDINGS AND STRUCTURES																				
New South Wales	2,245	3,203	615	831	705	1,051	991	1,026	2,380	4,397	3,674									
Victoria	1,535	3,033	617	820	691	905	768	1,011	1,745	3,524	2,876									
Queensland	1,822	1,529	333	350	256	590	592	738	1,791	3,121	1,702									
South Australia	351	348	71	89	76	113	129	165	302	596	511									
Western Australia	2,367	3,016	729	964	529	795	599	612	1,609	2,821	2,798									
Tasmania	133	178	50	46	45	37	33	34	43	110	107									
Australia (d)	8,630	11,875	2,513	3,256	2,400	3,706	3,310	3,832	8,184	15,327	12,123									
EQUIPMENT, PLANT AND MACHINERY																				
New South Wales	9,204	8,772	2,042	2,235	1,967	2,528	2,231	2,448	4,419	9,097	6,917									
Victoria	5,998	6,819	1,574	1,661	1,674	1,911	1,978	2,149	3,808	7,916	5,769									
Queensland	3,404	4,016	944	934	921	1,218	1,049	1,090	1,881	4,020	2,961									
South Australia	1,755	1,456	290	450	309	406	501	493	982	1,975	1,276									
Western Australia	4,491	4,562	1,079	1,143	1,134	1,206	922	1,151	2,060	4,133	3,554									
Tasmania	503	394	93	91	94	116	114	153	261	527	334									
Australia (d)	25,692	26,727	6,125	6,683	6,278	7,641	6,913	7,598	13,605	28,116	21,184									
TOTAL NEW CAPITAL EXPENDITURE																				
New South Wales	11,449	11,974	2,657	3,066	2,672	3,579	3,221	3,473	6,799	13,494	10,611									
Victoria	7,533	9,852	2,191	2,480	2,365	2,815	2,746	3,160	5,553	11,460	8,644									
Queensland	5,226	5,546	1,276	1,284	1,177	1,808	1,640	1,829	3,672	7,141	4,662									
South Australia	2,106	1,804	361	538	385	519	630	655	1,284	2,571	1,787									
Western Australia	6,857	7,579	1,808	2,107	1,661	2,001	1,522	1,763	3,669	6,954	6,352									
Tasmania	636	571	143	137	139	153	146	187	304	638	441									
Australia (d)	34,321	38,601	8,638	9,938	8,679	11,347	10,224	11,430	21,789	43,442	33,307									

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the six months to June as reported by businesses in the December survey. (c) Twelve month expected expenditure for the following financial year as reported by businesses in the December Survey. (d) Estimates for NT and ACT are not available for publication but are included in the total.

TABLE 4—ACTUAL PRIVATE NEW CAPITAL EXPENDITURE
BY STATE AND TYPE OF ASSET
SEASONALLY ADJUSTED SERIES
(\$ million)

State	Actual						Sept. gr ^a	Dec. gr ^a	June gr ^a	Sept. gr ^a	Dec. gr ^a					
	1994-95		1995-96		1995-96											
	Sept.	Dec.	Sept.	Dec.	March	June										
BUILDINGS AND STRUCTURES																
New South Wales	2,265	3,204	621	739	832	1,012	1,003	912	899	749	613	698				
Victoria	1,546	3,050	602	730	836	882	749	899	899	749	613	698				
Queensland	1,828	1,494	344	330	309	511	142	110	161	110	110	161				
South Australia	345	364	61	86	75	659	827	618	482	827	618	482				
Western Australia	2,411	2,998	750	762	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.				
Tasmania	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.				
Australia (a) (b)	8,560	11,795	2,634	2,921	2,545	3,696	3,530	3,397								
EQUIPMENT, PLANT AND MACHINERY																
New South Wales	9,177	8,762	2,122	2,087	2,219	2,335	2,320	2,287	2,287	1,947	1,947	2,026				
Victoria	6,014	6,843	1,530	1,565	1,864	1,864	1,864	1,864	1,864	1,074	1,074	1,122				
Queensland	3,382	4,008	971	952	1,033	1,052	1,052	1,052	1,052	375	375	412				
South Australia	1,736	1,448	346	378	349	349	349	349	349	1,164	1,164	1,038				
Western Australia	4,445	4,577	1,120	1,035	1,257	1,257	1,257	1,257	1,257	n.p.	n.p.	n.p.				
Tasmania	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.				
Australia (a) (b)	25,639	26,797	6,302	6,161	7,171	7,163	7,118	7,001								
TOTAL NEW CAPITAL EXPENDITURE																
New South Wales	11,442	11,966	2,743	2,826	3,051	3,347	3,323	3,198	3,198	2,746	2,746	2,925				
Victoria	7,560	9,893	2,151	2,296	2,701	2,701	2,696	2,696	2,696	1,563	1,563	1,820				
Queensland	5,210	5,503	1,315	1,282	1,342	1,342	1,342	1,342	1,342	517	517	573				
South Australia	2,081	1,812	407	464	424	424	424	424	424	1,992	1,992	1,520				
Western Australia	6,856	7,576	1,870	1,797	1,917	1,917	1,917	1,917	1,917	126	126	126				
Tasmania	626	581	162	147	145	145	145	145	145	168	168	192				
Australia (a)	34,200	38,592	8,936	9,081	9,716	10,859	10,648	10,398								

(a) Estimates for NT and ACT are not available for publication but are included in the total. (b) Estimates for Tasmania are not available for publication but are included in the total.

TABLE 5—ACTUAL PRIVATE NEW CAPITAL EXPENDITURE
BY STATE AND TYPE OF ASSET
TREND SERIES
(\$ million)

State	Actual									
	1994-95		1995-96		1995-96		1995-96		1996-97	
	Sept. qtr.	Dec. qtr.	Sept. qtr.	Dec. qtr.	March qtr.	June qtr.	Sept. qtr.	Dec. qtr.	Sept. qtr.	Dec. qtr.
BUILDINGS AND STRUCTURES										
New South Wales	2,290	3,161	615	722	871	953	981	972		
Victoria	1,544	3,007	620	738	814	835	837	844		
Queensland	1,776	1,533	370	320	362	481	603	682		
South Australia	324	354	68	78	94	114	133	146		
Western Australia	2,534	2,900	707	724	757	712	635	561		
Tasmania	140	182	51	51	44	36	36	40		
Australia (a)	8,678	11,626	2,566	2,734	3,022	3,305	3,507	3,602		
EQUIPMENT, PLANT AND MACHINERY										
New South Wales	9,067	8,847	2,211	2,152	2,195	2,290	2,320	2,312		
Victoria	5,963	6,828	1,528	1,634	1,779	1,886	1,959	1,993		
Queensland	3,328	4,020	969	988	1,012	1,051	1,085	1,104		
South Australia	1,716	1,513	365	345	373	430	475	495		
Western Australia	4,459	4,520	1,087	1,147	1,159	1,178	1,058	989		
Tasmania	495	414	114	97	94	109	127	138		
Australia (a)	25,443	26,857	6,362	6,515	6,858	7,121	7,148	7,045		
TOTAL NEW CAPITAL EXPENDITURE										
New South Wales	11,357	12,007	2,826	2,874	3,065	3,243	3,301	3,283		
Victoria	7,507	9,835	2,148	2,373	2,592	2,721	2,796	2,878		
Queensland	5,104	5,554	1,319	1,307	1,174	1,333	1,638	1,756		
South Australia	2,040	1,867	433	423	467	544	608	641		
Western Australia	6,994	7,420	1,794	1,871	1,916	1,840	1,694	1,550		
Tasmania	635	596	165	148	138	145	163	178		
Australia (a)	34,122	38,483	8,928	9,249	9,880	10,426	10,655	10,647		

(a) Estimates for NT and ACT are not available for publication but are included in the total.

TABLE 6—ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE
BY SELECTED INDUSTRIES AND TYPE OF ASSET
NEW SOUTH WALES
(\$ million)

Selected Industries and Type of Asset	1994-95	1995-96	Actual						Expected (a)		
			Sept. qtr.	Dec. qtr.	March qtr.	June qtr.	Sept. qtr.	Dec. qtr.	6 Months to June 97	1996-97 (b)	12 Months 1997-98 (c)
Mining	760	924	1.36	202	223	363	281	259	511	1.051	900
Manufacturing	3,752	1,159	730	861	780	788	800	771	1,277	2,848	2,693
Other Selected Industries	6,937	7,891	1,791	2,003	1,670	2,427	2,140	2,443	5,011	9,595	7,619
Total New Capital Expenditure	11,449	11,974	2,657	3,066	2,672	3,579	3,221	3,473	6,799	13,494	10,611
Buildings and Structures	2,245	3,203	615	831	705	1,051	991	1,026	2,380	4,397	3,674
Equipment, Plant and Machinery	9,204	8,772	2,042	2,235	1,967	2,528	2,231	2,448	4,419	9,097	6,917

TABLE 7— RATIOS OF ACTUAL PRIVATE NEW CAPITAL EXPENDITURE TO
EXPECTED PRIVATE NEW CAPITAL EXPENDITURE FOR FINANCIAL YEARS 1991-92 TO 1995-96
NEW SOUTH WALES

Selected Industries and Type of Asset	FINANCIAL YEAR				4 YEAR AVERAGES	
	1991-92	1992-93	1993-94	1994-95	1995-96	Australia
COMPOSITE ESTIMATE (b)						
Mining	0.91	0.76	0.96	0.80	0.99	0.88
Manufacturing	0.91	0.93	1.03	1.02	0.96	0.98
Other Selected Industries	1.01	1.02	1.10	1.06	0.99	1.04
Total New Capital Expenditure	0.97	0.97	1.07	1.02	0.99	1.01
Buildings and Structures	0.94	0.87	1.04	0.94	0.89	0.93
Equipment, Plant and Machinery	0.99	1.00	1.07	1.05	1.02	1.04
TWELVE MONTH EXPECTATION (c)						
Mining	0.80	0.89	0.73	1.54	1.15	1.08
Manufacturing	0.85	0.91	1.26	1.52	1.21	1.22
Other Selected Industries	1.10	1.63	1.67	1.71	1.56	1.64
Total New Capital Expenditure	0.98	1.26	1.43	1.63	1.41	1.44
Buildings and Structures	0.75	1.08	1.13	1.39	1.38	1.25
Equipment, Plant and Machinery	1.14	1.33	1.53	1.71	1.42	1.50

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the following financial year as reported by businesses in the December Survey. (c) Twelve month expected expenditure for the six months to June as reported by businesses in the December Survey.

TABLE 8—ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE
BY SELECTED INDUSTRIES AND TYPE OF ASSET
VICTORIA
(\$ million)

Selected Industries and Type of Asset	Actual						Expected (a)	
	1994-95	1995-96	Sept. qtr.	Dec. qtr.	March qtr.	June qtr.	1996-97	1996-97 12 Months to June 97 (b)
Mining	603	588	150	172	157	109	123	298
Manufacturing	3,034	3,341	793	873	796	879	1,027	1,082
Other Selected Industries	3,896	5,923	1,247	1,436	1,412	1,828	1,596	1,780
Total New Capital Expenditure	7,533	9,852	2,191	2,480	2,365	2,815	2,746	3,160
Buildings and Structures	1,535	3,033	617	820	691	905	768	1,011
Equipment, Plant and Machinery	5,998	6,819	1,574	1,661	1,674	1,911	1,978	2,149

TABLE 9—RATIOS OF ACTUAL PRIVATE NEW CAPITAL EXPENDITURE TO
EXPECTED PRIVATE NEW CAPITAL EXPENDITURE FOR FINANCIAL YEARS 1991-92 TO 1995-96
VICTORIA

Selected Industries and Type of Asset	FINANCIAL YEAR				4 YEAR AVERAGES		
	1991-92	1992-93	1993-94	1994-95	1995-96	Vic.	Australia
COMPOSITE ESTIMATE (b)							
Mining	1.21	0.73	0.79	1.06	0.90	0.87	0.93
Manufacturing	0.91	0.99	0.92	0.98	0.91	0.95	0.96
Other Selected Industries	1.02	0.99	0.97	0.99	1.19	1.04	1.04
Total New Capital Expenditure	0.98	0.97	0.94	0.99	1.06	0.99	0.99
TWELVE MONTH EXPECTATION (c)							
Mining	0.80	1.90	0.71	0.87	0.70	1.05	1.16
Manufacturing	0.95	1.07	1.38	1.36	1.25	1.26	1.23
Other Selected Industries	1.20	1.27	1.48	1.17	2.00	1.48	1.57
Total New Capital Expenditure	1.09	1.20	1.35	1.21	1.52	1.32	1.36
Buildings and Structures	1.06	1.02	0.95	0.95	1.59	1.13	1.22
Equipment, Plant and Machinery	1.10	1.27	1.52	1.29	1.49	1.39	1.43

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the six months to June as reported by businesses in the December Survey.
(c) Twelve month expected expenditure for the following financial year as reported by businesses in the December Survey.

TABLE 10—ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE
BY SELECTED INDUSTRIES AND TYPE OF ASSET
QUEENSLAND
(\$ million)

Selected Industries and Type of Asset	Actual						Expected (a)			
	1994-95	1995-96	Sept. qtr	Dec. qtr	March qtr	June qtr	1995-96	1996-97	6 Months to June 97 (b)	12 Months 1997-98 (c)
Mining	922	945	212	205	188	340	403	450	962	1,815
Manufacturing	1,215	1,324	303	278	345	398	271	386	740	1,397
Other Selected Industries	3,089	3,276	762	800	644	1,070	967	992	1,971	3,929
Total New Capital Expenditure	5,226	5,546	1,276	1,284	1,177	1,808	1,640	1,829	3,672	7,141
Buildings and Structures	1,822	1,529	333	350	256	590	592	738	1,791	3,121
Equipment, Plant and Machinery	3,404	4,016	944	934	921	1,218	1,049	1,090	1,881	4,020

TABLE 11—RATIOS OF ACTUAL PRIVATE NEW CAPITAL EXPENDITURE TO
EXPECTED PRIVATE NEW CAPITAL EXPENDITURE FOR FINANCIAL YEARS 1991-92 TO 1995-96
QUEENSLAND

Selected Industries and Type of Asset	FINANCIAL YEAR				4 YEAR AVERAGES		
	1991-92	1992-93	1993-94	1994-95	1995-96	Qld	Australia
COMPOSITE ESTIMATE (b)							
Mining	0.89	1.02	0.92	0.89	0.80	0.87	0.93
Manufacturing	0.87	1.00	0.88	1.02	0.88	0.95	0.96
Other Selected Industries	1.00	1.02	0.97	1.09	0.98	1.02	1.04
Total New Capital Expenditure	0.95	1.02	0.93	1.03	0.92	0.98	0.99
Buildings and Structures	0.87	0.94	0.95	0.91	0.66	0.87	0.92
Equipment, Plant and Machinery	1.00	1.08	0.92	1.12	1.08	1.05	1.02
TWELVE MONTH EXPECTATION (c)							
Mining	0.92	0.93	0.85	1.19	1.07	1.01	1.16
Manufacturing	0.67	1.02	1.45	1.20	1.48	1.29	1.23
Other Selected Industries	1.31	1.25	1.44	1.27	2.01	1.49	1.57
Total New Capital Expenditure	1.04	1.10	1.25	1.24	1.63	1.30	1.36
Buildings and Structures	0.91	1.07	0.91	1.10	1.29	1.09	1.22
Equipment, Plant and Machinery	1.14	1.12	1.55	1.33	1.81	1.45	1.43

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the six months to June as reported by businesses in the December survey. (c) Twelve month expected expenditure for the following financial year as reported by businesses in the December Survey.

TABLE 12—ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE
BY SELECTED INDUSTRIES AND TYPE OF ASSET
SOUTH AUSTRALIA
(\$ million)

Selected Industries and Type of Asset	Actual ^a												Expected (a)	
	1994-95			1995-96			1995-96			1996-97			12 Months 1997-98	
	Sept. gr.	Dec. gr.	March gr.	June gr.	Sept. gr.	Dec. gr.	March gr.	June gr.	Sept. gr.	Dec. gr.	6 Months to June 97 (b)	(b)	(c)	
Mining	115	194	35	49	51	59	61	80	140	280	228			
Manufacturing	829	716	155	205	159	197	183	225	642	1,051	702			
Other Selected Industries	1,162	893	172	285	174	263	386	353	502	1,240	857			
Total New Capital Expenditure	2,106	1,804	361	538	385	519	630	658	1,284	2,571	1,787			
Buildings and Structures	351	348	71	89	76	113	129	165	302	596	511			
Equipment, Plant and Machinery	1,755	1,456	290	450	309	406	501	493	982	1,975	1,276			

TABLE 13—RATIOS OF ACTUAL PRIVATE NEW CAPITAL EXPENDITURE TO
EXPECTED PRIVATE NEW CAPITAL EXPENDITURE FOR FINANCIAL YEARS 1991-92 TO 1995-96
SOUTH AUSTRALIA

Selected Industries and Type of Asset	FINANCIAL YEAR				4 YEAR AVERAGES			
	1991-92	1992-93	1993-94	1994-95	1995-96	S.A.	Australia	
COMPOSITE ESTIMATE (b)								
Mining	0.89	0.79	0.90	0.77	1.06	0.88	0.93	
Manufacturing	0.95	0.93	1.03	1.05	0.88	0.97	0.96	
Other Selected Industries	1.10	0.99	0.85	1.08	0.99	0.98	1.04	
Total New Capital Expenditure	1.00	0.93	0.92	1.04	0.95	0.96	0.99	
Buildings and Structures	0.97	0.89	1.01	0.96	0.96	0.96	0.92	
Equipment, Plant and Machinery	1.01	0.96	0.89	1.06	0.94	0.96	1.02	
TWELVE MONTH EXPECTATION (c)								
Mining	1.07	1.42	0.35	1.30	1.63	1.18	1.16	
Manufacturing	0.86	0.90	1.17	1.19	0.98	1.06	1.23	
Other Selected Industries	1.17	1.86	1.41	1.42	1.62	1.58	1.57	
Total New Capital Expenditure	0.99	1.29	1.10	1.31	1.28	1.25	1.36	
Buildings and Structures	1.02	1.68	1.16	1.91	1.36	1.53	1.22	
Equipment, Plant and Machinery	0.98	1.19	1.08	1.24	1.27	1.19	1.43	

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the six months to June as reported by businesses in the December Survey. (c) Twelve month expected expenditure for the following financial year as reported in the December Survey.

TABLE 14—ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE
BY SELECTED INDUSTRIES AND TYPE OF ASSET
WESTERN AUSTRALIA
(\$ million)

Selected Industries and Type of Asset	Actual												Expected (a)		
	1994-95		1995-96		1995-96		Sept.		March		June		1996-97		12 Months 1997-98 (c)
			qtr	qtr	qtr	qtr	qtr								
Mining	4,046	4,199	1,046	1,173	915	1,064	888	1,060	2,817	4,765	4,641				
Manufacturing	595	958	200	174	205	379	155	155	331	641	539				
Other Selected Industries	2,216	2,422	562	760	542	558	479	548	521	1,547	1,173				
Total New Capital Expenditure	6,857	7,579	1,808	2,107	1,663	2,901	1,522	1,763	3,669	6,954	6,352				
Buildings and Structures	2,367	3,016	729	964	529	795	599	612	1,689	2,821	2,798				
Equipment, Plant and Machinery	4,491	4,562	1,079	1,143	1,134	1,206	922	1,151	2,060	4,133	3,554				

TABLE 15—RATIOS OF ACTUAL PRIVATE NEW CAPITAL EXPENDITURE TO
EXPECTED PRIVATE NEW CAPITAL EXPENDITURE FOR FINANCIAL YEARS 1991-92 TO 1995-96
WESTERN AUSTRALIA

Selected Industries and Type of Asset	FINANCIAL YEAR					4 YEAR AVERAGES		
	1991-92	1992-93	1993-94	1994-95	1995-96	W.A.	Australia	
COMPOSITE ESTIMATE (b)								
Mining	0.88	0.95	0.99	0.93	1.02	0.97	0.93	
Manufacturing	0.97	0.84	0.98	1.02	1.03	0.97	0.96	
Other Selected Industries	0.97	1.12	1.06	1.01	1.01	1.05	1.04	
Total New Capital Expenditure	0.93	0.98	1.01	0.96	1.02	0.99	0.99	
Buildings and Structures	0.92	0.96	0.92	0.82	1.04	0.94	0.92	
Equipment, Plant and Machinery	0.93	0.99	1.09	1.06	1.00	1.04	1.02	
TWELVE MONTH EXPECTATION (c)								
Mining	1.02	1.31	1.12	1.25	1.67	1.34	1.16	
Manufacturing	0.99	1.24	0.86	1.40	1.70	1.30	1.21	
Other Selected Industries	1.20	1.37	2.04	1.41	2.07	1.72	1.57	
Total New Capital Expenditure	1.06	1.32	1.26	1.31	1.78	1.42	1.36	
Buildings and Structures	1.11	1.36	1.59	0.97	1.59	1.38	1.22	
Equipment, Plant and Machinery	1.03	1.29	1.07	1.61	1.94	1.48	1.43	

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the six months to June as reported by businesses in the December survey. (c) Twelve month expected expenditure for the following financial year as reported by businesses in the December Survey.

TABLE 16—ACTUAL AND EXPECTED PRIVATE NEW CAPITAL EXPENDITURE
BY SELECTED INDUSTRIES AND TYPE OF ASSET
TASMANIA
(\$ million)

Selected Industries and Type of Asset	Actual						Expected (a)			
	1994-95	1995-96	Sept. gr.	Dec. gr.	March gr.	June gr.	Sept. gr.	Dec. gr.	6 Months to June 97 (b)	12 Months 1997-98 (c)
Mining	67	141	42	30	46	24	28	20	27	74
Manufacturing	282	209	43	55	52	59	69	97	217	383
Other Selected Industries	288	221	59	51	41	70	49	70	61	180
Total New Capital Expenditure	636	571	143	137	139	153	146	187	304	638
Buildings and Structures	133	178	50	46	45	37	33	34	43	110
Equipment, Plant and Machinery	503	394	93	91	94	116	114	153	261	527
										334

TABLE 17— RATIOS OF ACTUAL PRIVATE NEW CAPITAL EXPENDITURE TO
EXPECTED PRIVATE NEW CAPITAL EXPENDITURE FOR FINANCIAL YEARS 1991-92 TO 1995-96
TASMANIA

Selected Industries and Type of Asset	FINANCIAL YEAR				YEAR AVERAGES		
	1991-92	1992-93	1993-94	1994-95	1995-96	Tas.	Australia
COMPOSITE ESTIMATE (b)							
Mining	0.75	0.70	1.09	1.00	1.13	0.98	0.93
Manufacturing	0.96	0.97	1.16	1.00	0.87	1.00	0.96
Other Selected Industries	1.19	1.34	1.20	1.31	1.10	1.24	1.04
Total New Capital Expenditure	1.02	1.06	1.17	1.12	1.01	1.09	0.99
Buildings and Structures	0.85	1.48	1.42	1.23	0.99	1.28	0.92
Equipment, Plant and Machinery	1.07	0.97	1.11	1.09	1.02	1.05	1.02
TWELVE MONTH EXPECTATION (c)							
Mining	0.53	0.90	0.74	1.91	2.34	1.47	1.16
Manufacturing	0.83	1.21	0.89	1.60	0.90	1.15	1.23
Other Selected Industries	1.23	2.31	2.21	1.67	2.26	2.11	1.57
Total New Capital Expenditure	0.91	1.44	1.23	1.66	1.46	1.45	1.36
Buildings and Structures	1.27	2.06	1.53	1.99	2.23	1.95	1.22
Equipment, Plant and Machinery	0.86	1.32	1.16	1.59	1.26	1.33	1.43

(a) As reported by businesses. (b) Consists of actual expenditure for the six months to December and expected expenditure for the following financial year as reported by businesses in the December Survey. (c) Twelve month expected expenditure for the twelve months to June as reported by businesses in the December Survey.

TABLE 18—RELATIVE STANDARD ERRORS OF ESTIMATES OF ACTUAL PRIVATE NEW CAPITAL EXPENDITURE (a)
(Percentages)

	Selected Industries				Type of Asset		
	Mining	Manufacturing	Other Selected Industries		Total	Buildings and Structures	Equipment Plant and Machinery
			Mining	Manufacturing			
NSW	4.5	5.5	6.4	4.3	6.6	6.6	5.0
Vic.	2.2	10.3	9.5	6.5	9.5	9.5	6.8
Qld	1.9	5.1	8.5	5.2	9.0	9.0	5.7
S.A.	3.0	10.3	20.8	12.4	"	"	11.5
W.A.	11.8	6.2	13.2	8.2	13.0	9.9	"
Tas.	"	24.4	21.8	19.4	"	"	13.1
Australia (b)	8.0	4.5	4.7	3.2	5.6	5.6	3.4

(a) Relative standard errors for expected capital expenditure are similar to those for actual capital expenditure. (b) Includes NT and ACT.

EXPLANATORY NOTES

Introduction

1. This publication contains estimates of actual new capital expenditure by private businesses in Australia, dissected by State. The series contained in this publication have been compiled from data collected in a quarterly survey of private businesses.
2. State estimates in this publication are derived from the latest available Australian estimates for the December quarter 1996. These estimates are more up to date than those previously released in *Private New Capital Expenditure and Expected Expenditure to June 1998, Australia* (5625.0) released on 27 February 1997.

Scope of the survey

3. This survey aims to measure the value of new capital expenditure by private businesses in Australia. Private households and public sector businesses (ie all departments, authorities and other organisations owned or controlled by Commonwealth, State or Local Government) are outside the scope of the survey.

4. The scope of the survey:

- (a) includes the following Australian and New Zealand Standard Industrial Classification (ANZSIC) industries
 - Mining (Division B)
 - Manufacturing (Division C)
 - Food, beverage and tobacco (21)
 - Textile, clothing, footwear and leather (22)
 - Wood and paper product (23)
 - Printing, publishing and recorded media (24)
 - Petroleum, coal, chemical and assoc. product (25)
 - Non-metallic mineral product (26)
 - Metal product (27)
 - Machinery and equipment (28)
 - Other manufacturing (29)
 - Other Selected Industries
 - Construction (Division E)
 - Wholesale trade (Division F)
 - Retail trade (Division G)
 - Transport and storage (Division I)
 - Finance and insurance (Division K)
 - Property and business services (Division L)
 - Other selected services (including electricity & gas; communication; accommodation; cafes & restaurants; cultural & recreational services; and personal services) (36,37,57,71,91-93,95)

(b) excludes the following industries

- Agriculture, Forestry and Fishing
- Government Administration and Defence
- Education
- Health and Community Services

Survey methodology

5. This quarterly survey is based on a stratified random sample of private business units recorded on the ABS register of businesses.

The sample consists of approximately 8,000 units. 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.

6. Respondents are asked to provide data on the same basis as their own management accounts. Where a selected business unit does not respond in a given survey, an estimate is substituted. Revisions may be made to these estimate adjustments if data are provided subsequently from those businesses. Aggregates are calculated from original data using the 'number raised' estimation technique. Data are edited at both individual unit level and aggregate level.

Reporting cycle

7. State estimates of actual new capital expenditure by business units are compiled quarterly. State estimates for expected expenditure are only collected in the December quarter survey. The expectations data relate to the 6 months ending the following June and to the financial year following that.

8. The collection of expectations in the December quarter surveys allows the derivation of a *composite estimate* (6 months actual plus 6 months expectations) for the current financial year (i.e. 12 months ending June) and will provide a *twelve month expectation* for the following financial year.

Sample revision

9. Prior to the June quarter 1996 survey, the survey frames and samples were revised annually to ensure that they remained representative of the survey population. Adjustments were made to the survey estimates each quarter to reflect changes in the size of the survey frame throughout the year. From the June quarter 1996 survey, the survey frames and samples are being revised each quarter. The aim is to further improve the quality of survey estimates by selecting a sample which will be more representative of the survey population. Additionally, the timing of sample selection will now be consistent with other ABS surveys. This will lead to greater consistency when comparing data across these surveys.

10. With these revisions to the sample, some of the business units are rotated out of the survey and are replaced by others to spread the reporting workload equitably. The rate of rotation under quarterly sample selection is slightly higher than one quarter of the previous annual rate of rotation.

11. Prior to the June quarter 1996, survey frames and samples were updated annually. As a consequence, some data would be revised. No data revisions of this nature will be needed given quarterly updates to frames and samples. Data may be revised, however, on the basis of further processing.

12. In the period between sample selection, there are changes to the survey frame. For example, businesses cease operating and businesses are newly established. The ABS produces an estimate of the contribution expected from new businesses each quarter,

while allowance is made for the number of businesses in the sample which ceased trading during the quarter. The methodology for estimating change in the business population uses direct counts each quarter of new businesses added, or in the process of being added, to the ABS business register. For most quarters, the introduction of quarterly sample selection reduces the size of the adjustments needed to account for new and ceased businesses.

Statistical unit

13. This survey uses the Management Unit as the statistical unit. The management unit is the highest level accounting unit within a business, having regard to industry homogeneity, for which accounts are maintained. In nearly all cases it coincides with the legal entity owning the business (i.e. company, partnership, trust, sole operator, etc.). In the case of large diversified businesses, however, there may be more than one management unit, each coincides with a 'division' or 'line of business'. A division or line of business is defined when separate and comprehensive accounts are compiled for it. Prior to 1989, the survey was on a different unit basis. Further details are available on request.

State dissection

14. Estimates for NT and ACT are not separately available because of the high sampling variability associated with them. They are included in totals for Australia and while a residual for the territories can be derived, the measure is not reliable.

Classification by industry

15. The Australian and New Zealand Standard Industrial Classification (ANZSIC) has been developed for use in both countries for the production and analysis of industry statistics. It replaces the Australian Standard Industrial Classification (ASIC) and the New Zealand Standard Industrial Classification (NZSIC).

16. For more information, users are referred to: *Australian & New Zealand Standard Industrial Classification, 1993, ANZSIC*, ABS Cat. No. 1292.0 and Statistics New Zealand Cat. No. 19.005.0092.

17. In order to classify new capital expenditure by industry, each statistical unit (as defined above) is classified to the Australian & New Zealand Industrial Classification (ANZSIC) industry in which it mainly operates.

18. The total value of all of the new capital assets acquired by each statistical unit either on own account or under a finance lease is classified to the ANZSIC industry in which it mainly operates even though it may have activities in other industries.

Constant prices

19. Estimates in constant prices (average 1989-90 prices) are presented in Table 2. The deflators used to revalue the current price estimates are the same as the price deflators compiled for the national accounts aggregates '*Private gross fixed capital*

expenditure on non-dwelling construction' and '*Private gross fixed capital expenditure on equipment*'.

Description of terms

20. *New capital expenditure* 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.

21. Some estimates are dissected by type of asset:

(a) *Buildings and Structures*. 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.

(b) *Equipment, plant and machinery*. 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.

Reliability of the estimates

22. Since the estimates are based on data obtained from a sample rather than a complete enumeration, the data and the movements derived from them are subject to sampling variability; that is, they may differ from the figures that would have been obtained if all units had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of units was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all units had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

23. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling. The sample estimates of quarter to quarter movement in the value of new capital expenditure are also subject to sampling variability. The relative standard error of the estimate of movement is expressed as a percentage of the quarterly estimate of the level of capital expenditure.

24. The imprecision due to sampling, which is measured by the standard error, is not the only type of inaccuracy to which the estimates are subject. Other inaccuracies, referred to collectively as non-sample error, may occur for a number of reasons, for example misreporting of data by respondents or imputation for missing respondents. In addition, respondents may have difficulties in allocating to the appropriate State(s), expenditure on some equipment items such as mobile assets (e.g aircraft, bulk oil carriers, satellites, off-shore drilling platforms and large computer installations supporting a national network). Where such difficulties exist, expenditure is allocated to the state of the businesses' head office.

25. In the design of questionnaires and in the processing of survey data, every effort is made to reduce the non-sample error to a minimum.

Seasonal adjustment

26. The quarterly State 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.

27. Seasonal adjustment may be carried out by various methods and the results may vary slightly depending on the procedure adopted. Accordingly, seasonally adjusted statistics are in fact only indicative and should not be regarded as in any way definitive. In interpreting seasonally adjusted data it is important therefore to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject.

28. Seasonally adjusted estimates in this publication have been derived by independently adjusting State estimates by type of asset and then adding them to form State capital expenditure estimates. This publication contains seasonally adjusted State estimates by type of asset for all States except Tasmania. Seasonally adjusted series for Tasmania have not been published at the type of asset level because of the volatility within the series.

29. The seasonally adjusted Australian estimates of new capital expenditure included in the publication are consistent with those published in *Private New Capital Expenditure, Australia* (5625.0). These estimates are derived independently of the seasonally adjusted State estimates and as such the residual difference between the States and Australia estimates should in no way be regarded as a seasonally adjusted estimate for ACT and NT.

30. 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 June quarter 1996 survey. Data for periods after June 1996 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. Care should be exercised when interpreting quarter to quarter movements in seasonally adjusted series in the publication, particularly for recent quarters.

31. It should be noted that the seasonally adjusted figures necessarily reflect the sampling and other errors to which the original figures are subject.

32. Details of the seasonal adjustment methods used, together with selected measures of variability for these series, are available on request.

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. For further information, see *A Guide to Interpreting Time Series - Monitoring Trends: an Overview* (1348.0) or contact the Assistant Director, Time Series Analysis on (06) 252 6345.

Comparability with National Accounts estimates

34. The statistics for new capital expenditure shown in this publication differ from estimates of private gross fixed capital expenditure shown in the Australian National Accounts for the following reasons:

- (a) National Accounts estimates incorporate data from other sources as well as information from the capital expenditure survey. For example, estimates for capital expenditure on 'equipment' are based on annual statistics of depreciable assets available from the Taxation Commissioner. Quarterly estimates are interpolated between and extrapolated from the annual taxation based estimates using a variety of indicators including this survey. The ABS's quarterly Building Activity Survey and Engineering Construction Survey are the main data sources for estimating the National Accounts dwelling and non-dwelling construction items respectively.
- (b) National Accounts estimates include the capital expenditure by all private businesses including units classified to the agriculture, forestry, fishing and hunting and community services industries and capital expenditure on dwellings by households. Data for these sectors are excluded from this publication.
- (c) 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 full value of the speculative projects as new capital expenditure of the purchases (if in scope), when the project is sold.

- (d) For 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.
35. 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* (5216.0).

Related publications

36. Users may also wish to refer to the following publications:

- Private New Capital Expenditure and Expected Expenditure, Australia* (5625.0)
Company Profits, Australia (5651.0)
Stocks, Selected Industry Sales and Expected Sales, Australia (5629.0)
Australian National Accounts: National Income, Expenditure and Product (5206.0)
Australian National Accounts : State Accounts (5242.0)
Australian Business Expectations (5250.0)
Business Operations and Industry Performance, Australia (8140.0)
Engineering Construction Activity, Australia (8762.0)
Building Activity, Australia (8752.0)

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

Unpublished data

38. In addition to the data contained in this publication, more detailed information may be made available on request.

Symbols and other usages

..	not applicable
n.p.	not published

ANZSIC	Australian and New Zealand Standard Industrial Classification
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W. McLennan
Australian Statistician



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