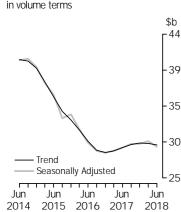


# **PRIVATE NEW CAPITAL EXPENDITURE AND EXPECTED EXPENDITURE** AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) THURS 30 AUG 2018

# New Capital Expenditure



# KEY FIGURES

	Jun Qtr 18	Mar Qtr 18 to Jun Qtr 18	Jun Qtr 17 to Jun Qtr 18
	\$m	% change	% change
Trend estimates(a)			
Total new capital expenditure	29 377	-0.6	1.3
Buildings and structures	15 592	-2.1	-4.0
Equipment, plant and machinery	13 804	1.3	8.2
Seasonally adjusted(a)			
Total new capital expenditure	29 098	-2.5	0.4
Buildings and structures	15 421	-3.9	-4.7
Equipment, plant and machinery	13 677	-0.9	6.9
•••••••••••••••••••••••••••••••••••••••			

#### (a) In volume terms

# KEY POINTS

### ACTUAL EXPENDITURE (VOLUME TERMS)

- The trend volume estimate for total new capital expenditure fell by 0.6% in the June quarter 2018 while the seasonally adjusted estimate fell by 2.5%.
- The trend volume estimate for buildings and structures fell by 2.1% in the June quarter 2018 while the seasonally adjusted estimate fell by 3.9%.
- The trend volume estimate for equipment, plant and machinery rose by 1.3% in the June quarter 2018 while the seasonally adjusted estimate fell by 0.9%.

# EXPECTED EXPENDITURE (CURRENT PRICE TERMS)

- This issue includes the seventh estimate (Estimate 7) for 2017-18 and the third estimate (Estimate 3) for 2018-19.
- Estimate 7 for 2017-18 is \$118,927m. This is 4.0% higher than Estimate 7 for 2016-17.
   Estimate 7 is 1.0% higher than Estimate 6 for 2017-18.
- Estimate 3 for 2018-19 is \$101,997m. This is 1.1% lower than Estimate 3 for 2017-18.
   Estimate 3 is 16.1% higher than Estimate 2 for 2018-19.
- See pages 7-10 for further commentary on expectations data.

# INQUIRIES

Inquiries about these and related statistics, contact the National Information and Referral Service on 1300 135 070. The ABS Privacy Policy outlines how the ABS will handle any personal information that you provide to us.

# NOTES

FORTHCOMING ISSUES	ISSUE (Quarter)	RELEASE DATE
	September 2018	29 November 2018
	December 2018	28 February 2019
	March 2019	30 May 2019
	June 2019	29 August 2019
	• • • • • • • • • • • • • •	,
CHANGES IN THIS ISSUE	of capital expenditure for Assistance industries. Da several quarters through publication presents qua quarter 2018. This new s	arter 2018), this publication will include experimental estimates r the Education and Training and Health Care and Social ta from these industries have been collected over the past the Survey of New Capital Expenditure. The June quarter rterly data from September 2017 up to and including the June eries will be ongoing and will be presented in current price are sufficient observations to produce seasonally adjusted and
DATA NOTES	investment activities incl equipment and buildings New Capital Expenditure a summary of the concep	be complex in structure and comprise a number of different uding exploration, engineering construction, plant and s. A feature article released in the March 2012 issue of Private and Expected Expenditure, Australia (cat. no. 5625.0) provides otual basis of the relevant ABS publications that measure using a hypothetical mining project to illustrate how this n ABS data.
ABBREVIATIONS	PAYG pay-as-you-go t	eau of Statistics New Zealand Standard Industrial Classification ax onal Accounts 2008 version

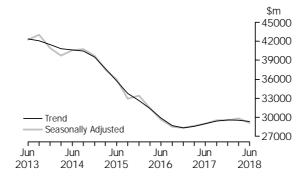
David W. Kalisch Australian Statistician

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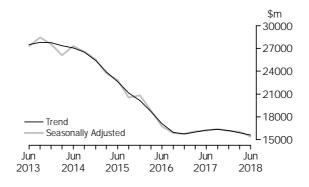
. . . .

TOTAL CAPITAL EXPENDITURE The trend estimate for total new capital expenditure fell 0.6% in the June quarter 2018. By asset type, the trend estimate for buildings and structures fell 2.1% and equipment, plant and machinery rose 1.3%. The seasonally adjusted estimate for total new capital expenditure fell 2.5% in the June quarter 2018.



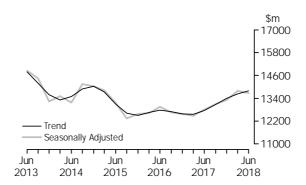
#### BUILDINGS AND STRUCTURES

The trend estimate for buildings and structures fell 2.1% in the June quarter 2018. Buildings and structures for Mining fell 5.3%, Manufacturing fell 4.7% and Other Selected Industries rose 0.6%. The seasonally adjusted estimate for buildings and structures fell 3.9% in the June quarter 2018. Mining fell 10.5%, Manufacturing fell 0.9% and Other Selected Industries rose 1.4% in seasonally adjusted terms.



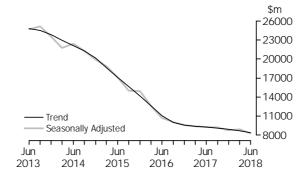
# EQUIPMENT, PLANT AND MACHINERY

The trend estimate for equipment, plant and machinery rose 1.3% in the June quarter 2018. Equipment, plant and machinery for Mining rose 6.4%, Manufacturing rose 1.9% and Other Selected Industries rose 0.2%. The seasonally adjusted estimate for equipment, plant and machinery fell 0.9% in the June quarter 2018. Mining rose 5.6%, Manufacturing rose 3.9% and Other Selected Industries fell 2.9% in seasonally adjusted terms.



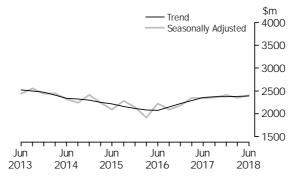
MINING

The trend estimate for Mining fell 3.1% in the June quarter 2018. Buildings and structures fell 5.3% while equipment, plant and machinery rose 6.4%. The seasonally adjusted estimate for Mining fell 7.2% in the June quarter 2018. Buildings and structures fell 10.5% while equipment, plant and machinery rose 5.6% in seasonally adjusted terms.



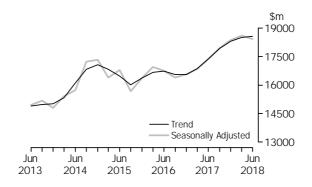
# MANUFACTURING

The trend estimate for Manufacturing rose 0.3% in the June quarter 2018. Equipment, plant and machinery rose 1.9% while buildings and structures fell 4.7%. The seasonally adjusted estimate for Manufacturing rose 2.7% in the June quarter 2018. Equipment, plant and machinery rose 3.9% while buildings and structures fell 0.9% in seasonally adjusted terms.



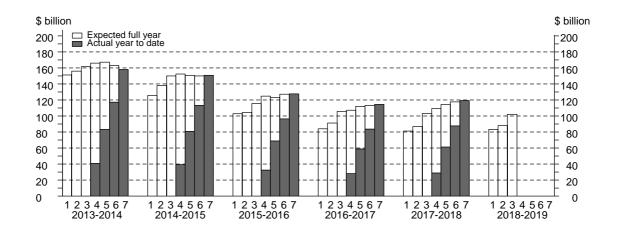
# OTHER SELECTED

The trend estimate for Other Selected industries rose 0.4% in the June quarter 2018. Buildings and structures rose 0.6% while equipment, plant and machinery rose 0.2%. The seasonally adjusted estimate for Other Selected Industries fell 1.0% in the June quarter 2018. Equipment, plant and machinery fell 2.9% while buildings and structures rose 1.4% in seasonally adjusted terms.



FINANCIAL YEARS AT CURRENT PRICES	The graphs below show the seven estimates of financial year. The estimates appearing below Advice about the application of realisation rate 30 of the Explanatory Notes.	v relate to c	lata contair	ned in Tables	5 and 6.
	The timing and construction of these estimat	es are as fo	llows:		
	TIMING & CONSTRUCTION OF SEVEN	ESTIMA POSITION OF			
	Estimate Based on data reported at:	Data on long-term expected expenditure	Data on short-term expected expenditure	Data on actual expenditure	
	<ol> <li>Jan-Feb, 5-6 months before period begins</li> <li>Apr-May, 2-3 months before period begins</li> <li>Jul-Aug, at beginning of period</li> <li>Oct-Nov, 3-4 months into period</li> <li>Jan-Feb, 6-7 months into period</li> <li>Apr-May, 9-10 months into period</li> <li>Jul-Aug, at end of period</li> </ol>	12 months 12 months 6 months 6 months Nil Nil Nil	Nil Nil 6 months 3 months 6 months 3 months Nil	Nil Nil 3 months 6 months 9 months 12 months	
TOTAL CAPITAL EXPENDITURE	Estimate 7 for total capital expenditure in 201 Estimate 7 for 2016-17. The main contributor (9.9%). Estimate 7 is 1.0% higher than Estima this increase is Other Selected Industries (4.5	to this incr te 6 for 201	ease is Oth	er Selected Ir	ndustries

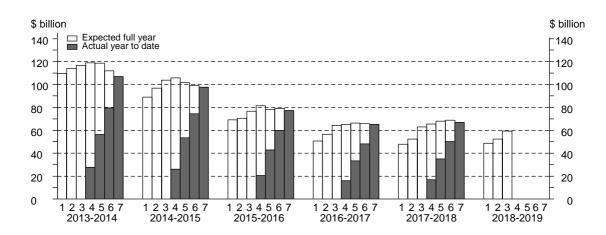
Estimate 3 for total capital expenditure for 2018-19 is \$101,997m. This is 1.1% lower than Estimate 3 for 2017-18. The main contributor to the decrease is Mining (-4.2%). Estimate 3 is 16.1% higher than Estimate 2 for 2018-19. The main contributor to the increase was Other Selected Industries (14.2%).



# BUILDINGS AND STRUCTURES

Estimate 7 for buildings and structures in 2017-18 is \$66,746m. This is 2.5% higher than Estimate 7 for 2016-17. The main contributor to this increase is Other Selected Industries (19.5%). Estimate 7 for buildings and structures is 2.9% lower than Estimate 6 for 2017-18. The main contributor to this decrease is Mining (-6.6%).

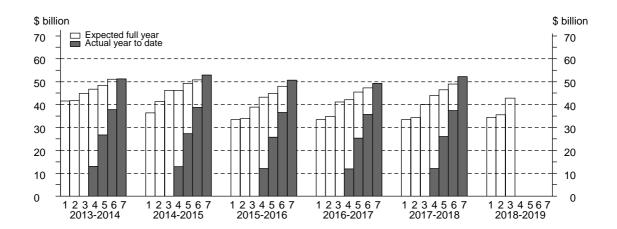
Estimate 3 for buildings and structures for 2018-19 is \$59,254m. This is 6.0% lower than Estimate 3 for 2017-18. The main contributor to the decrease was Mining (-11.9%). Estimate 3 is 13.3% higher than Estimate 2 for 2018-19. The main contributor to the increase was Mining (23.6%).



# EQUIPMENT, PLANT AND MACHINERY

Estimate 7 for equipment, plant and machinery for 2017-18 is \$52,181m. This is 5.8% higher than Estimate 7 for 2016-17. The main contributor to this increase is Mining (27.5%). Estimate 7 is 6.6% higher than Estimate 6 for 2017-18. The main contributor to this increase is Other Selected Industries (8.9%).

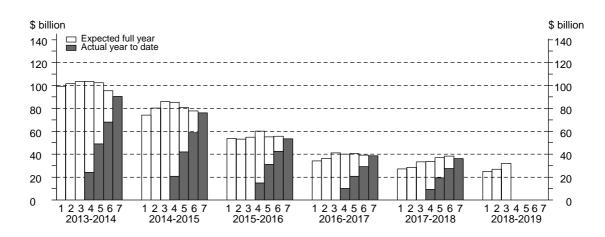
Estimate 3 for equipment, plant and machinery for 2018-19 is \$42,743m. This is 6.7% higher than Estimate 3 for 2017-18. The main contributor to this increase is Mining (27.0%). Estimate 3 is 20.0% higher than Estimate 2 for 2018-19. The main contributor to the increase is Other Selected Industries (22.2%).



 $\mathsf{MINING}$ 

Estimate 7 for Mining for 2017-18 is \$36,052m. This is 7.0% lower than Estimate 7 for 2016-17. Estimate 7 is 5.9% lower than Estimate 6 for 2017-18. Buildings and structures is 12.6% lower and equipment, plant and machinery is 27.5% higher than the corresponding seventh estimate for 2017-18.

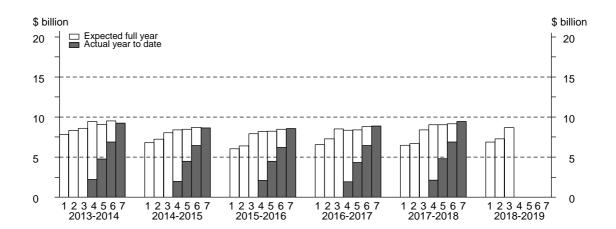
Estimate 3 for Mining for 2018-19 is \$31,873m. This is 4.2% lower than Estimate 3 for 2017-18. Estimate 3 is 19.0% higher than Estimate 2 for 2018-19. Buildings and structures is 11.9% lower and equipment, plant and machinery is 27.0% higher than the corresponding third estimate for 2018-19.



#### MANUFACTURING

Estimate 7 for Manufacturing for 2017-18 is \$9,451m. This is 6.5% higher than Estimate 7 for 2016-17. Estimate 7 is 3.2% higher than Estimate 6 for 2017-18. Equipment, plant and machinery is 7.1% higher and buildings and structures is 4.9% higher than the corresponding seventh estimate for 2017-18.

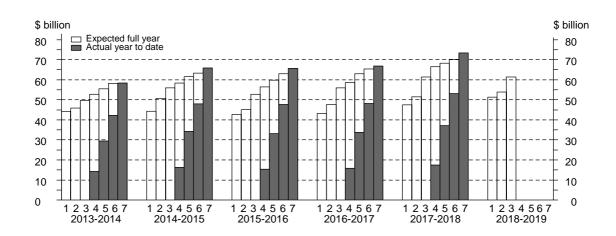
Estimate 3 for Manufacturing for 2018-19 is \$8,665. This is 3.1% higher than Estimate 3 for 2017-18. Estimate 3 is 19.2% higher than Estimate 2 for 2018-19. Equipment, plant and machinery is 4.6% higher and buildings and structures is 0.6% lower than the corresponding third estimate for 2018-19.



OTHER SELECTED

Estimate 7 for Other Selected Industries for 2017-18 is \$73,425m. This is 9.9% higher than Estimate 7 for 2016-17. Estimate 7 is 4.5% higher than Estimate 6 for 2017-18. Buildings and structures is 19.5% higher and equipment, plant and machinery is 2.5% higher than the corresponding seventh estimate for 2017-18.

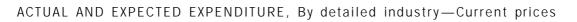
Estimate 3 for Other Selected Industries for 2018-19 is \$61,458m. This is relatively unchanged (0.0%) from Estimate 3 for 2017-18. Estimate 3 is 14.2% higher than Estimate 2 for 2018-19. Equipment, plant and machinery is 2.2% higher and buildings and structures is 1.8% lower than the corresponding third estimate for 2018-19.



ACTUAL AND EXPECTED EXPENDITURE, By type of asset and industry-Current prices

	BUILDIN	gs and st	RUCTURES		EQUIPN	ENT, PLAN	T AND MACH	HINERY	TOTAL			
	Mining	Manu- facturing	Other Selected Industries	Total	Mining	Manu- facturing	Other Selected Industries	Total	Mining	Manu- facturing	Other Selected Industries	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
				C	RIGINA	L (Actu	al)					
2016-17	33 277	2 476	29 353	65 105	5 474	6 397	37 430	49 301	38 751	8 873	66 783	114 406
2017-18	29 072	2 597	35 077	66 746	6 980	6 853	38 348	52 181	36 052	9 451	73 425	118 927
2016-17												
March	7 498	646	6 589	14 732	1 094	1 439	7 807	10 339	8 591	2 085	14 396	25 072
June	8 065	751	8 193	17 008	1 443	1 701	10 523	13 667	9 508	2 452	18 715	30 675
2017–18												
September	8 084	588	8 142	16 815	1 281	1 542	9 265	12 088	9 365	2 130	17 408	28 903
December	7 709	825	9 7 7 9	18 312	2 165	1 846	9 915	13 926	9 873	2 671	19 693	32 238
March	6 684	543	7 658	14 886	1 491	1 535	8 364	11 390	8 175	2 078	16 022	26 276
June	6 595	641	9 497	16 733	2 043	1 930	10 804	14 777	8 638	2 571	20 301	31 511
• • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •				• • • • • • • • •			• • • • • • •		• • • • • • •
				URI	GINAL	Expect	eu)(a)					
2018-19												
6 mths to Dec	13 490	1 239	16 491	31 220	4 076	3 092	14 414	21 581	17 566	4 331	30 905	52 802
6 mths to Jun	9 975	1 245	16 814	28 034	4 332	3 090	13 740	21 161	14 307	4 334	30 554	49 195
Total fin year	23 465	2 484	33 305	59 254	8 408	6 181	28 154	42 743	31 873	8 665	61 458	101 997
	• • • • • •	• • • • • • •	• • • • • • • • •							• • • • • • •		• • • • • • •
				SEASUN	ALLY AL	JJUSIEI	D (Actua	1)				
2016-17												
March	8 191	717	7 571	16 479	1 333	1 601	9 181	12 115	9 524	2 318	16 752	28 595
June 2017–18	8 067	715	7 867	16 649	1 373	1 593	9 434	12 399	9 440	2 307	17 301	29 048
September	7 992	644	8 338	16 974	1 429	1 668	9 506	12 603	9 421	2 312	17 844	29 577
December	7 177	724	8 882	16 784	1 759	1 666	9 415	12 840	8 936	2 3 9 0	18 297	29 624
March	7 305	606	8 778	16 689	1 818	1 717	9 819	13 355	9 123	2 324	18 597	30 044
June	6 603	609	9 031	16 242	1 939	1 799	9 631	13 370	8 542	2 408	18 661	29 612
					TREND	(Actua	)					
2016–17												
March	8 189	660	7 508	16 358	1 342	1 598	9 272	12 213	9 532	2 259	16 781	28 571
June	8 048	705	7 947	16 700	1 375	1 616	9 346	12 338	9 423	2 321	17 293	29 037
2017–18												
September	7 811	698	8 368	16 876	1 499	1 640	9 463	12 601	9 309	2 337	17 830	29 477
December	7 454	667	8 690	16 810	1 674	1 681	9 565	12 921	9 128	2 348	18 256	29 732
March	7 077	639	8 897	16 612	1 831	1 729	9 646	13 206	8 908	2 367	18 543	29 819
June	6 709	612	9 011	16 331	1 961	1 771	9 713	13 438	8 670	2 383	18 712	29 765

(a) Not directly comparable with estimates of actual expenditure due to likely over/under realisation. See paragraphs 27 to 30 of the Explanatory Notes.



	Mining	Manufacturing	Electricity, Gas, Water and Waste Services	Construction	Wholesale Trade	Retail Trade	Transport, Postal and Warehousing
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
	• • • • • • • •						••••
			ORIGINA	AL (Actual)			
2016-17	38 751	8 873	5 406	6 286	4 152	5 666	10 037
2017–18	36 052	9 451	8 599	6 097	4 144	5 367	11 886
2016-17							
March	8 591	2 085	1 248	^ 1 113	856	1 172	2 172
June	9 508	2 452	1 540	^ 2 129	1 093	1 539	2 934
2017-18	0.245	2 130	1 804	∧ 1 400	994	1 270	2 775
September December	9 365 9 873	2 130 2 671	1 804 2 181	^ 1 408 1 471	994 1 083	1 370 1 336	2775 3225
March	9873 8175	2 071	1 957	^ 1 315	870	1 014	3 225 2 694
June	8 638	2 571	2 657	^ 1 903	1 196	1 647	3 193
ouno							
		• • • • • • • • • • • • • • •	ORIGINAL	(Expected)(a)		• • • • • • • • • • • •	
2018-19				(=			
6 mths to Dec	17 566	4 331	4 129	^ 1 991	1 803	2 969	5 317
6 mths to Jun	14 307	4 334	4 718	^ 1 416	^ 1 845	2 514	5 250
Total fin year	31 873	8 665	8 847	3 408	3 648	5 483	10 567
		• • • • • • • • • • • • • •					
			SEASONALLY A	DJUSTED (Actu	al)		
2016–17							
March	9 524	2 318	1 464	1 268	1 041	1 495	2 637
June	9 440	2 307	1 433	1 691	1 045	1 405	2 745
2017-18							
September	9 421	2 312	1 836	1 614	1 035	1 386	2 711
December	8 936	2 390	2 012	1 495	940	1 179	3 009
March June	9 123 8 542	2 324 2 408	2 271 2 472	1 496 1 495	1 062 1 108	1 361 1 421	3 115 3 084
Julie	0 342	2 400	2 472	1 4 9 5	1 100	1 421	5 064
• • • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • •	TREND	(Actual)	• • • • • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • •
2016-17				(			
March	9 532	2 259	1 390	1 539	1 051	1 473	2 557
June	9 423	2 321	1 549	1 559	1 039	1 425	2 694
2017-18							
September	9 309	2 337	1 768	1 573	1 006	1 329	2 829
December	9 128	2 348	2 027	1 552	1 007	1 294	2 952
March	8 908	2 367	2 265	1 494	1 038	1 324	3 068
June	8 670	2 383	2 435	1 480	1 084	1 381	3 127
							••••

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

. . . . . . . . . . . .

(a) Not directly comparable with estimates of actual expenditure due to likely over/under realisation. See paragraphs 27 to 30 of the Explanatory Notes.

# ACTUAL AND EXPECTED EXPENDITURE, By detailed industry-Current prices continued

	Information Media and Telecommunications	Financial and Insurance Services	Rental, Hiring and Real Estate Services	Professional, Scientific and Technical Services	Other Selected Services	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • • • •						
		OR	IGINAL (Actua	al)		
2016–17	7 808	3 621	12 766	3 351	7 690	114 406
2017–18	8 111	3 852	13 335	3 881	8 152	118 927
2016–17						
March	1 860	815	2 727	^ 785	1 647	25 072
June	2 182	790	3 329	977	2 201	30 675
2017-18	2.024	007	0.151	1 070	1.074	20.002
September December	2 034 2 164	927 1 071	3 151 3 837	1 070 ^ 1 146	1 874 2 180	28 903 32 238
March	2 164 2 047	774	2 853	786	1 713	32 238 26 276
June	1 867	1 080	3 493	879	2 386	31 511
		ORIG	INAL (Expecte	ed)(a)		
2018–19						
6 mths to Dec	3 387	1 863	^ 5 730	^ 1 121	^ 2 594	52 802
6 mths to Jun	4 091	1 598	^ 5 473	^ 1 055	^ 2 593	49 195
Total fin year	7 478	3 461	11 204	2 176	5 187	101 997
		SEASONAI	LY ADJUSTED	) (Actual)		
		JEASONA	LI ADJUJILD	(Actual)		
2016-17	1 001	004	0.400	050	1.00.4	00 505
March	1 881 2 262	984	3 189 3 096	859 920	1 934 1 940	28 595 29 048
June 2017–18	2 202	764	3 090	920	1 940	29 048
September	2 064	899	3 272	1 094	1 933	29 577
December	2 004	966	3 470	1 094	2 090	29 624
March	2 042	939	3 337	872	2 0 0 1	30 044
June	1 918	1 041	3 235	818	2 068	29 612
• • • • • • • • • • • • •						
		T	REND (Actual	)		
2016–17						
March	2 003	884	3 128	845	1 910	28 571
June	2 091	862	3 169	968	1 936	29 037
2017-18	0.40-	070	0.00-	4 050	4 000	~~
September	2 127	879	3 287	1 050	1 983	29 477
December	2 077	928	3 360	1 027	2 033	29 732
March	2 013	982	3 355	934	2 069	29 819
June	1 977	1 008	3 297	838	2 085	29 765

estimate has a relative standard error of 10% to less than 25% and should be used with caution  $\wedge$ 

(a) Not directly comparable with estimates of actual expenditure due to likely over/under realisation. See paragraphs 27 to 30 of the Explanatory Notes.

Period 2014–15 2015–16 2016–17 2017–18	Buildings and Structures \$m 98 786 77 111 63 986	Equipment, Plant and Machinery \$m 55 147	Total \$m ORI	<i>Mining</i> \$m	<i>Manufacturing</i> \$m	Other Selected Industries	Tota
2014–15 2015–16 2016–17	Structures \$m 98 786 77 111	<i>Machinery</i> \$m	\$m	Ũ	Ũ	Industries	Tota
2014–15 2015–16 2016–17	98 786 77 111	\$m		Ũ	Ũ		
2014–15 2015–16 2016–17	98 786 77 111			ə • • • • • • • •		\$m	\$1
2015–16 2016–17	77 111	55 147	ORI			φIII	ۍ ۱
2015–16 2016–17	77 111	55 147		IGINAL			
2016–17			154 109	77 197	8 993	67 731	154 10
2016–17		50 581	127 692	53 389	8 566	65 737	127 69
		50 509	114 496	38 363	8 970	67 163	114 49
	64 091	53 898	117 989	35 159	9 522	73 308	117 98
2015–16							
June	17 217	14 210	31 389	10 837	2 357	18 218	31 38
2016–17	15 011	10.1/5	07.07/	10.000	1 000	14 000	07.07
September	15 811	12 165	27 976	10 022	1 932	16 022	27 97
December	17 178	13 611	30 789	10 487	2 435	17 867	30 78
March	14 446	10 643	25 089	8 492	2 116	14 481	25 08
June	16 552	14 091	30 642	9 362	2 487	18 794	30 64
2017–18	1/ 07/	10 550	20.027	0.1//	0.1/7	17 400	20.02
September	16 276	12 550	28 827	9 166	2 167	17 493	28 82
December	17 652	14 441	32 094	9 664	2 691	19 739	32 09
March June	14 301 15 861	11 777 15 130	26 078 30 991	7 968 8 360	2 095 2 569	16 015 20 062	26 07 30 99
Suno	10 001	10 100	00 //1	0 000	2 007	20 002	00 //
			SEASONAL	LY ADJUS	TED		
2015–16							
June 2016–17	16 760	12 956	29 669	10 729	2 226	16 752	29 66
September	15 889	12 653	28 542	10 049	2 093	16 401	28 54
December	15 756	12 571	28 327	9 579	2 184	16 565	28 32
March	16 131	12 480	28 611	9 417	2 353	16 841	28 61
June	16 189	12 798	28 987	9 289	2 340	17 356	28 98
2017-18	4 4 4 9 9	40.000	00 547		0.054	17.000	00.54
September	16 428	13 089	29 517	9 226	2 354	17 933	29 51
December	16 189	13 318	29 507	8 732	2 412	18 357	29 50
March	16 047	13 801	29 848	8 898	2 346	18 598	29 84
June	15 421	13 677	29 098	8 260	2 410	18 421	29 09
	• • • • • • • •		••••••••••	REND			• • • • • • • •
2015–16							
June	17 108	12 787	29 876	11 089	2 080	16 730	29 87
2016-17							
September	15 985	12 702	28 672	9 982	2 147	16 556	28 67
December	15 770	12 571	28 338	9 563	2 224	16 553	28 33
March	16 001	12 569	28 572	9 416	2 288	16 866	28 57
June	16 243	12 757	28 999	9 271	2 357	17 370	28 99
2017-18							
September	16 346	13 072	29 419	9 128	2 373	17 915	29 41
December	16 206	13 387	29 594	8 919	2 375	18 296	29 59
March	15 929	13 626	29 555	8 672	2 384	18 494	29 55
June	15 592	13 804	29 377	8 403	2 391	18 564	29 37

(a) Reference year for chain volume measures is 2015-16.



ACTUAL EXPENDITURE, By type of asset and industry—Percentage change, Chain volume measures(a)

	Buildings	Equipment,				Other	
	and Structures	Plant and Machinery	Total	Mining	Manufacturing	Selected Industries	Tota
Period	%	%	%	%	%	%	
			ORIC				
2014–15	-9.7	1.4	-6.1	-16.9	-8.0	10.8	-6.
2014-15	-21.9	-8.3	-17.1	-30.8	-4.7	-2.9	-17
2016-17	-21.9	-0.1	-10.3	-30.8	4.7	2.2	-10
2017-18	0.2	6.7	3.1	-20.1	6.2	9.1	-10
	0.2	0.7	5.1	-0.4	0.2	7.1	5
2015-16							
June	2.1	31.9	13.5	-4.8	35.4	25.5	13
2016-17							
September	-8.2	-14.4	-10.9	-7.5	-18.1	-12.1	-10
December	8.6	11.9	10.1	4.6	26.1	11.5	10
March	-15.9	-21.8	-18.5	-19.0	-13.1	-19.0	-18
June	14.6	32.4	22.1	10.2	17.5	29.8	22
2017–18		10.0	5.0		10.0	6.0	-
September	-1.7	-10.9	-5.9	-2.1	-12.9	-6.9	-5
December	8.5	15.1	11.3	5.4	24.2	12.8	11
March June	–19.0 10.9	–18.4 28.5	-18.7 18.8	-17.5 4.9	-22.2 22.7	-18.9 25.3	–18 18
		S	EASONALL	Y ADJUSI	ED		
2015-16		S	EASONALL	Y ADJUSI	TE D		
<b>2015–16</b> June	-11.0	S 2.7	EASONALL -5.7	Y ADJUST -14.9	TED 15.9	-1.1	-5
June	-11.0					-1.1	-5
June	-11.0					-1.1 -2.1	
June 2016–17		2.7	-5.7	-14.9	15.9		-3
June 2016–17 September	-5.2	2.7 -2.3	-5.7 -3.8	-14.9 -6.3	15.9 -6.0	-2.1	-3 -0
June 2016–17 September December	-5.2 -0.8	2.7 -2.3 -0.6	-5.7 -3.8 -0.8	-14.9 -6.3 -4.7	15.9 -6.0 4.4	-2.1 1.0	-3 -0 1
June 2016–17 September December March June	-5.2 -0.8 2.4	2.7 -2.3 -0.6 -0.7	-5.7 -3.8 -0.8 1.0	-14.9 -6.3 -4.7 -1.7	15.9 -6.0 4.4 7.7	-2.1 1.0 1.7	-3 -0 1
June 2016–17 September December March June	-5.2 -0.8 2.4	2.7 -2.3 -0.6 -0.7	-5.7 -3.8 -0.8 1.0	-14.9 -6.3 -4.7 -1.7	15.9 -6.0 4.4 7.7	-2.1 1.0 1.7	-3 -0 1 1
June 2016–17 September December March June 2017–18	-5.2 -0.8 2.4 0.4	2.7 -2.3 -0.6 -0.7 2.5	-5.7 -3.8 -0.8 1.0 1.3	-14.9 -6.3 -4.7 -1.7 -1.4	15.9 -6.0 4.4 7.7 -0.5	-2.1 1.0 1.7 3.1	-3 -0 1 1
June 2016–17 September December March June 2017–18 September	-5.2 -0.8 2.4 0.4 1.5	2.7 -2.3 -0.6 -0.7 2.5 2.3	-5.7 -3.8 -0.8 1.0 1.3 1.8	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7	15.9 -6.0 4.4 7.7 -0.5 0.6	-2.1 1.0 1.7 3.1 3.3	-3 -0 1 1 1
2016–17 September December March June 2017–18 September December	-5.2 -0.8 2.4 0.4 1.5 -1.5	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5	-2.1 1.0 1.7 3.1 3.3 2.4	-5. -3 -0. 1. 1. 1. 0 1. -2.
June 2016–17 September December March June 2017–18 September December March	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8	-2.1 1.0 1.7 3.1 3.3 2.4 1.3	-3. -0. 1. 1. 1. 0.
June 2016–17 September December March June 2017–18 September December March June	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8	-2.1 1.0 1.7 3.1 3.3 2.4 1.3	-3 -0 1 1 1 0
June 2016–17 September December March June 2017–18 September December March June 2015–16	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9	-3 -0 1 1 1 0 1 -2
June 2016–17 September December March June 2017–18 September December March June	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8	-2.1 1.0 1.7 3.1 3.3 2.4 1.3	-3 -0 1 1 1 0
June 2016–17 September December March June 2017–18 September December March June 2015–16 June 2016–17	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9	-3 -0 1 1 1 0 1 -2
June 2016–17 September December March June 2017–18 September December March June 2015–16 June 2016–17 September	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9 -8.6 -6.6	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9 1.0 -0.7	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR -4.8 -4.0	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3 -10.0	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0 3.2	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9	-3 -0 1 1 1 0 1 -2 -4 -4
June 2016–17 September December March June 2017–18 September December March June 2015–16 June 2016–17	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9 -8.6 -6.6 -1.3	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9 1.0 -0.7 -1.0	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR -4.8 -4.0 -1.2	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3 -10.0 -4.2	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0 3.2 3.6	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9 0.3 -1.0 _	-3 -0 1 1 1 1 0 1 -2 -4 -4 -4 -4 -1
June 2016–17 September December March June 2017–18 September December March June 2015–16 June 2016–17 September December	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9 -8.6 -6.6	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9 1.0 -0.7	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR -4.8 -4.0	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3 -10.0	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0 3.2	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9	-3 -0 1 1 1 1 0 1 -2 -4 -4 -4 -1 0
June 2016–17 September December March June 2017–18 September December March June 2015–16 June 2016–17 September December March	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9 -8.6 -6.6 -1.3 1.5	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9 1.0 -0.7 -1.0 0.0	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR -4.8 -4.0 -1.2 0.8	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3 -10.0 -4.2 -1.5	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0 0.0 3.2 3.6 2.9	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9 0.3 -1.0 - 1.9	-3 -0 1 1 1 1 0 1 -2 -4 -4 -4 -1 0
June 2016–17 September December March June 2017–18 September March June 2015–16 June 2016–17 September December March June 2017–18	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9 -8.6 -6.6 -1.3 1.5 1.5	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9 1.0 -0.7 -1.0 0.0 1.5	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR -4.8 -4.0 -1.2 0.8	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3 -10.0 -4.2 -1.5 -1.5	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0 0.0 3.2 3.6 2.9	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9 0.3 -1.0 - 1.9	-3 -0 1 1 1 1 0 1 -2 -4 -4 -4 -1 0 1
June 2016–17 September December March June 2017–18 September March June 2015–16 June 2016–17 September December March June 2016–18 September	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9 -8.6 -6.6 -1.3 1.5	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9 1.0 -0.7 -1.0 0.0	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR -4.8 -4.0 -1.2 0.8 1.5	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3 -10.0 -4.2 -1.5 -1.5 -1.5	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0 3.2 3.6 2.9 3.0	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9 0.3 -1.0 - 1.9 3.0	-3 -0 1 1 1 1 0 1 -2 -4 -4 -4 -1 0 1
June 2016–17 September December March June 2017–18 September March June 2015–16 June 2016–17 September December March June 2017–18	-5.2 -0.8 2.4 0.4 1.5 -1.5 -0.9 -3.9 -8.6 -6.6 -1.3 1.5 1.5 0.6	2.7 -2.3 -0.6 -0.7 2.5 2.3 1.8 3.6 -0.9 1.0 -0.7 -1.0 0.0 1.5 2.5	-5.7 -3.8 -0.8 1.0 1.3 1.8 0.0 1.2 -2.5 TR -4.8 -4.0 -1.2 0.8 1.5 1.4	-14.9 -6.3 -4.7 -1.7 -1.4 -0.7 -5.4 1.9 -7.2 END -12.3 -10.0 -4.2 -1.5 -1.5	15.9 -6.0 4.4 7.7 -0.5 0.6 2.5 -2.8 2.8 0.0 3.2 3.6 2.9 3.0 0.7	-2.1 1.0 1.7 3.1 3.3 2.4 1.3 -0.9 0.3 -1.0 - 1.9 3.0 3.1	-3 -0 1 1 1 0 1 -2

ABS • PRIVATE NEW CAPITAL EXPENDITURE AND EXPECTED EXPENDITURE • 5625.0 • JUN OTR 2018 15

#### EXPECTED EXPENDITURE AND REALISATION RATIOS, By type of asset—Current Prices

12 months 12 months expectation as 3 months actual 6 months actual expectation as reported in expectation 12 months 9 months actual and 9 months and 6 months and 3 months expectation as expectation as reported in Jan-Feb reported in Apr-May of previous of previous 12 months Jul-Aug reported in Oct-Nov reported in Jan-Feb reported in Apr-May Financial financial year financial year actual (Estimate 7) (Estimate 1) (Estimate 2) (Estimate 3) (Estimate 4) (Estimate 5) (Estimate 6) Year BUILDINGS AND STRUCTURES (\$ million) 2013–14 109 775 114 042 116 782 118 995 118 538 112 038 106 820 2014–15 96 787 103 842 105 873 101 534 99 060 97 729 89 051 2015-16 69 097 70 607 76 759 81 484 78 344 79 159 77 111 2016–17 50 563 56 541 64 424 65 099 66 355 65 866 65 105 2017–18 47 783 63 034 65 362 68 748 52 262 67 870 66 746 2018-19 48 600 52 279 59 254 nya nya nya nya BUILDINGS AND STRUCTURES (Realisation Ratio)(a) 0.94 0.91 0.90 2013–14 0.97 0.90 0.95 1.00 2014-15 0.96 1.10 1.01 0.92 0.99 0.94 1 00 2015–16 0.95 0.97 1.12 1.09 1.00 0.98 1.00 0.99 2016-17 1 29 1 15 1 01 1 00 0.98 1 00 2017-18 1.40 1.28 1.06 1.02 0.98 0.97 1.00 EQUIPMENT, PLANT AND MACHINERY (\$ million) 41 649 44 838 46 727 48 467 2013–14 41 490 51 100 51 158 2014–15 36 326 41 273 46 105 46 221 49 264 50 754 52 925 43 238 2015–16 33 474 33 893 38 944 44 901 48 023 50 581 2016-17 33 374 34 768 41 175 42 080 45 400 47 309 49 301 43 907 2017-18 34 295 40 071 48 956 52 181 33 412 46 431 2018-19 34 388 35 605 42 743 nya nya nya nya EQUIPMENT, PLANT AND MACHINERY (Realisation Ratio)(a) 1.14 2013-14 1.23 1.23 1.09 1.06 1.00 1.00 1.28 1.15 2014-15 1.15 1.07 1.46 1.04 1.00 2015-16 1.51 1.49 1.30 1.17 1.13 1.05 1.00 2016-17 1 48 1 4 2 1 20 1 17 1 09 1 04 1 00 2017–18 1.56 1.52 1.30 1.19 1.12 1.07 1.00 TOTAL (\$ million) 
 167 005
 163 138

 150 798
 140 7
 161 621 165 722 2013–14 151 265 155 691 157 978 2014-15 125 378 138 060 149 948 152 094 150 655 115 704 2015-16 102 571 104 499 124 722 123 245 127 182 127 692 2016–17 83 937 91 309 105 599 107 179 111 755 113 175 114 406 103 105 109 269 114 301 2017-18 81 195 86 558 117 704 118 927 nya 2018-19 82 987 87 883 101 997 nya nya nya TOTAL (Realisation Ratio)(a) 1.01 0.98 0.95 0.95 0.97 2013–14 1.04 1.00 2014-15 1 20 1 09 1 00 0.99 1 00 1 01 1 00 2015-16 1.24 1.22 1.10 1.02 1.04 1.00 1.00 2016-17 1.36 1.25 1.08 1.07 1.02 1.01 1.00 1.04 2017-18 1.37 1.15 1.09 1.46 1.01 1.00 TOTAL (Percentage change over corresponding estimate for previous financial year) 2013-14 -8.8 -10.2 -9.8 -2.6 0.4 0.2 -1.6 2014–15 -17.1 -11.3 -7.2 -9.7 -4.6 -8.2 -8.2 -22.8 2015-16 -18.2 -24.3 -18.0 -18.3 -15.1 -15.2 2016-17 -18.2 -12.6 -8.7 -14.1 -9.3 -11.0 -10.4 2017-18 -3.3 -5.2 -2.4 2.0 2.3 4.0 4.0 2018-19 2.2 1.5 -1.1 nya nya nya nva nya not yet available

(a) Ratio of actual expenditure for the financial year to each progressive estimate for the financial year. See paragraphs 27 to 30 of the Explanatory Notes.



# EXPECTED EXPENDITURE AND REALISATION RATIOS, By industry—Current prices

	12 months expectation as reported in Jan-Feb of previous financial war	12 months expectation as reported in Apr-May of previous financial year	12 months expectation as reported in	3 months actual and 9 months expectation as reported in Oct-Nov	6 months actual and 6 months expectation as reported in Jan-Feb	9 months actual and 3 months expectation as reported in Apr-May	12 months actual
Financial Year	financial year (Estimate 1)	(Estimate 2)	Jul-Aug (Estimate 3)	(Estimate 4)	(Estimate 5)	(Estimate 6)	(Estimate 7)
			MINING (\$	6 million)			
2013-14	99 224	101 482	103 379	103 608	102 528	95 365	90 393
2014–15	74 199	80 201	85 927	85 327	80 752	77 832	76 117
2015-16	53 820	53 058	54 991	60 110	55 251	55 696	53 389
2016-17	34 143	36 438	41 224	40 112	40 465	39 059	38 751
2017-18	27 244	28 427	33 259	33 727	36 970	38 319	36 052
2018–19	24 845	26 795	31 873	nya	nya	nya	nya
		••••••••••••••••••••••••••••••••••••••	INING (Realis	ation Ratio)(a	a)		
2013-14	0.91	0.89	0.87	0.87	0.88	0.95	1.00
2013-14	1.03	0.95	0.89	0.89	0.94	0.98	1.00
2015-16	0.99	1.01	0.97	0.89	0.97	0.96	1.00
2016-17	1.13	1.06	0.94	0.97	0.96	0.99	1.00
2017–18	1.32	1.27	1.08	1.07	0.98	0.94	1.00
		N	IANUFACTURIN	NG (\$ million)	)		
2013-14	7 838	8 304	8 592	9 422	9 059	9 524	9 229
2014–15	6 814	7 234	8 053	8 386	8 470	8 703	8 628
2015–16	6 021	6 410	7 931	8 199	8 244	8 468	8 566
2016–17	6 563	7 269	8 499	8 345	8 378	8 809	8 873
2017–18	6 474	6 670	8 408	9 053	9 053	9 154	9 451
2018–19	6 888	7 267	8 665	nya	nya	nya	nya
		MANUF	ACTURING (R	ealisation Ra	utio)(a)		
2013–14	1 10				, . ,	0.07	1.00
2013-14	1.18 1.27	1.11 1.19	1.07 1.07	0.98 1.03	1.02 1.02	0.97 0.99	1.00 1.00
2014-15	1.27	1.19	1.07	1.03	1.02	1.01	1.00
2016–17	1.35	1.22	1.08	1.04	1.04	1.01	1.00
2017–18	1.46	1.42	1.12	1.04	1.04	1.03	1.00
		OTHER	SELECTED IND	USTRIES (\$ 1	million)		
2013-14	44 203	45 905	49 650	52 692	55 418	58 248	58 356
2014–15	44 364	50 624	55 968	58 381	61 576	63 280	65 910
2015–16	42 730	45 032	52 781	56 413	59 750	63 019	65 737
2016–17	43 231	47 602	55 877	58 722	62 912	65 306	66 783
2017–18	47 477	51 460	61 438	66 490	68 278	70 231	73 425
2018–19	51 254	53 821	61 458	nya	nya	nya	nya
• • • • • • • • • • • •		OTHER SELEC	TED INDUSTR		ion Ratio)(a)		
				·			
2013-14	1.32	1.27	1.18	1.11	1.05	1.00	1.00
2014–15	1.49	1.30	1.18	1.13	1.07	1.04	1.00
2015–16	1.54	1.46	1.25	1.17	1.10	1.04	1.00
2016-17	1.54	1.40	1.20	1.14	1.06	1.02	1.00
2017–18	1.55	1.43	1.20	1.10	1.08	1.05	1.00
••••••	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • •	•••••	• • • • • • • • • • • •		• • • • • • • • • • • •

nya not yet available

(a) Ratio of actual expenditure for the financial year to each progressive estimate for the financial year. See paragraphs 27 to 30 of the Explanatory Notes.



industry—Current prices

3 MONTHS ENDING 6 MONTHS ENDING 31 December (collected 30 June (collected 31 December (collected 30 June (collected in September Survey) in March Survey) in June Survey) in December survey) Financial Year TYPE OF ASSET **Buildings and Structures** 2013-14 0.93 0.84 0.95 0.81 2014-15 0.93 0.95 0.97 0.92 2015-16 0.88 0.89 0.97 0.97 2016-17 0.97 0.96 0.97 0.96 2017-18 0.89 1.04 1.06 0.97 Equipment, Plant and Machinery 2013-14 1.08 1.00 1.16 1.12 2014-15 1.15 1.18 1.15 1.17 2015 - 161 1 3 1 22 1.28 1.30 2016-17 1.19 1.17 1.19 1.19 2017-18 1.28 1.17 1.28 1.26 Total 2013-14 0.97 0.89 1.01 0.89 2014-15 0.99 1.02 1.03 1.00 2015-16 0.96 1.02 1.07 1.08 2016-17 1.05 1.04 1.05 1.05 2017-18 1.09 1.04 1.13 1.09 TYPE OF INDUSTRY Mining 2013-14 0.93 0.82 0.93 0 77 2014-15 0.89 0.91 0.93 0.88 2015-16 0.84 0.83 0.96 0.92 2016-17 0.98 0 97 0.93 0.91 2017-18 0.79 0.95 1.09 1.05 Manufacturing 0.95 0.89 1.04 2013-14 1 10 2014-15 0.97 0.97 1.07 1.04 2015-16 1.00 1.04 1.04 1.09 2016-17 0.92 1.03 0.97 1.12 2017-18 1.04 1.13 1.09 1.09 Other selected industries 2013-14 1.06 1.01 1.15 1.11 2014-15 1.15 1.17 1.18 1.16 2015-16 1.10 1.18 1.20 1.22 2016-17 1.12 1.09 1.16 1.13 2017-18 1.10 1.19 1.19 1.17 Total 2013-14 0.97 0.89 0.89 1.01 2014-15 0.99 1.02 1.03 1.00 2015-16 0.96 1.02 1.07 1.08 2016-17 1.05 1.05 1.04 1.05 2017-18 1.09 1.04 1.13 1.09 

(a) For more information on Realisation Ratios see paragraphs 27 to 30 of the Explanatory Notes.

	New							Australian	
	South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Capital Territory	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • •			•••••	•••••			• • • • • • • • •		
				ORIGIN	I A L				
2014-15	11 185	7 145	23 268	3 273	46 395	272	5 831	360	97 729
2015-16	11 669	7 338	14 173	2 549	35 658	357	4 991	376	77 111
2016-17	11 804	9 032	13 516	2 564	22 062	404	5 289	434	65 105
2017–18	14 978	9 577	13 868	3 685	18 656	334	4 932	715	66 746
2015-16									
June	3 361	1 993	2 965	^ 632	6 902	^ 100	1 234	^ 104	17 291
2016–17									
September	2 592	2 054	3 431	^ 593	5 932	77	1 149	98	15 925
December	3 1 4 7	2 400	3 660	627	6 046	^ 130	1 319	111	17 440
March	2 760	2 071	2 908	580	4 743	^ 82	1 479	^ 108	14 732
June 2017–18	3 306	2 507	3 517	763	5 341	114	1 343	117	17 008
September	3 148	2 334	3 509	958	5 251	^ 88	1 390	136	16 815
December	3 966	2 854	3 970	1 092	4 879	76	1 242	234	18 312
March	3 390	2 0 3 4 2 0 8 3	2 953	658	4 278	^ 67	1 242	204	14 886
June	4 475	2 306	3 437	977	4 2 4 8	^ 104	1 046	141	16 733
June	4475	2 300	5457	777	4 240	104	1 040	141	10733
• • • • • • • • • • •	• • • • • • • •		сел. Сел.	SONALLY		• • • • • • • • • •			
			JEA.	SUNALLI	ADJUSTE	D			
2015-16									
June	3 122	1 923	2 921	637	6 816	91	1 234	104	16 835
2016–17	2 702	0 100	2 410	504	F 0/ 2	00	1 1 4 0	00	1/ 000
September	2 793	2 120	3 418	584	5 963	80	1 149	98	16 028
December	2 891	2 179	3 229	551	5 554	118	1 319	111	16 021
March	3 052	2 319	3 426	676	5 231	100	1 479	108	16 479
June 2017–18	3 043	2 413	3 476	774	5 300	101	1 343	117	16 649
September	3 429	2 424	3 495	944	5 281	94	1 390	136	16 974
December	3 633	2 580	3 493	956	4 459	68	1 242	234	16 784
March	3 751	2 335	3 479	765	4 733	82	1 255	204	16 689
June	4 111	2 219	3 406	994	4 220	90	1 046	141	16 242
				TREN	D				
2015-16									
June	3 017	1 952	3 160	627	7 115	89	1 149	95	17 193
2016-17									
September	2 933	2 080	3 173	584	6 012	94	1 216	102	16 138
December	2 890	2 206	3 320	586	5 473	102	1 323	106	16 019
March	2 971	2 308	3 412	664	5 345	107	1 396	106	16 358
June	3 158	2 406	3 456	804	5 234	100	1 406	123	16 700
2017–18									
September	3 364	2 481	3 505	892	5 056	87	1 354	163	16 876
December	3 601	2 461	3 490	902	4 787	81	1 281	193	16 810
March	3 832	2 376	3 464	897	4 514	80	1 196	195	16 612
June	4 025	2 265	3 430	903	4 315	85	1 097	176	16 331
• • • • • • • • • • •									

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

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	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
	• • • • • • • •		• • • • • • • • •	ORIGIN	• • • • • • • • • • • • • • • • • • •				
2014–15	15 819	11 501	11 732	2 975	8 717	623	1 166	393	52 925
2015–16	16 585	12 324	9 884	2 694	7 502	587	585	419	50 581
2016-17	16 492	11 597	10 154	2 603	6 961	579	501	413	49 301
2017–18	16 118	12 193	10 724	2 755	8 458	922	550	463	52 181
2015-16									
June	4 680	3 365	2 868	699	2 016	^ 166	^ 170	^ 110	14 075
2016-17									
September	4 454	2 828	2 271	572	1 475	^ 129	106	^ 123	11 958
December	4 4 4 5	3 102	2 772	680	1 935	^ 150	138	^ 113	13 336
March	3 172	2 437	2 087	^ 684	1 685	^ 128	^ 80	^ 65	10 339
June 2017–18	4 421	3 229	3 024	^ 666	1 866	^ 172	176	^ 111	13 667
September	3 922	2 817	2 469	^ 687	1 768	^ 201	126	^ 99	12 088
December	4 337	3 132	2 409	^ 636	2 458	203	^ 165	115	12 088
March	4 337 3 497	2 784	2 879	514	2 438 1 944	^ 241	^ 105	^ 115	13 920
June	4 363	3 459	3 205	^ 917	2 287	^ 278	124	^ 134	14 777
June	+ 505	5 457	5 205	,,,,	2 201	270	154	104	14 / / /
• • • • • • • • • • •	•••••	• • • • • • • •		• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	•••••	• • • • • • • •
			SEAS	SONALLY	ADJUSTE	D			
2015–16									
June	4 357	3 033	2 414	618	1 948	155	149	102	12 828
2016–17									
September	4 471	2 953	2 423	617	1 575	133	109	106	10 400
September	4 471	2,00							12 422
December	4 471	2 885	2 590	629	1 707	133	128	114	
	4 119 3 737		2 590 2 550	629 806	1 707 1 874	133 154	101	114 86	12 293 12 115
December March June	4 119	2 885						114	12 293 12 115
December March June 2017–18	4 119 3 737 4 105	2 885 2 840 2 910	2 550 2 570	806 579	1 874 1 805	154 160	101 152	114 86 102	12 293 12 115 12 399
December March June 2017–18 September	4 119 3 737 4 105 3 938	2 885 2 840 2 910 2 948	2 550 2 570 2 639	806 579 746	1 874 1 805 1 906	154 160 207	101 152 132	114 86 102 86	12 293 12 115 12 399 12 603
December March June 2017–18 September December	4 119 3 737 4 105 3 938 4 021	2 885 2 840 2 910 2 948 2 912	2 550 2 570 2 639 2 692	806 579 746 591	1 874 1 805 1 906 2 157	154 160 207 181	101 152 132 152	114 86 102 86 115	12 293 12 115 12 399 12 603 12 840
December March June 2017–18 September December March	4 119 3 737 4 105 3 938 4 021 4 134	2 885 2 840 2 910 2 948 2 912 3 238	2 550 2 570 2 639 2 692 2 533	806 579 746 591 607	1 874 1 805 1 906 2 157 2 159	154 160 207 181 286	101 152 132 152 156	114 86 102 86 115 149	12 293 12 115 12 399 12 603 12 840 13 355
December March June 2017–18 September December	4 119 3 737 4 105 3 938 4 021	2 885 2 840 2 910 2 948 2 912	2 550 2 570 2 639 2 692	806 579 746 591	1 874 1 805 1 906 2 157	154 160 207 181	101 152 132 152	114 86 102 86 115	12 293 12 115 12 399 12 603 12 840 13 355
December March June 2017–18 September December March	4 119 3 737 4 105 3 938 4 021 4 134	2 885 2 840 2 910 2 948 2 912 3 238	2 550 2 570 2 639 2 692 2 533	806 579 746 591 607 792	1 874 1 805 1 906 2 157 2 159 2 212	154 160 207 181 286	101 152 132 152 156	114 86 102 86 115 149	12 293 12 115 12 399 12 603 12 840 13 355
December March June 2017–18 September December March June	4 119 3 737 4 105 3 938 4 021 4 134	2 885 2 840 2 910 2 948 2 912 3 238	2 550 2 570 2 639 2 692 2 533	806 579 746 591 607	1 874 1 805 1 906 2 157 2 159 2 212	154 160 207 181 286	101 152 132 152 156	114 86 102 86 115 149	12 115 12 399 12 603 12 840 13 355
December March June 2017–18 September December March June 2015–16	4 119 3 737 4 105 3 938 4 021 4 134 4 037	2 885 2 840 2 910 2 948 2 912 3 238 3 120	2 550 2 570 2 639 2 692 2 533 2 850	806 579 746 591 607 792 T R E N	1 874 1 805 1 906 2 157 2 159 2 212 D	154 160 207 181 286 259	101 152 132 152 156 115	114 86 102 86 115 149 123	12 293 12 115 12 399 12 603 12 840 13 355 13 370
December March June 2017–18 September December March June 2015–16 June	4 119 3 737 4 105 3 938 4 021 4 134	2 885 2 840 2 910 2 948 2 912 3 238	2 550 2 570 2 639 2 692 2 533	806 579 746 591 607 792	1 874 1 805 1 906 2 157 2 159 2 212	154 160 207 181 286	101 152 132 152 156	114 86 102 86 115 149	12 293 12 115 12 399 12 603 12 840 13 355 13 370
December March June 2017–18 September December March June 2015–16 June 2016–17	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038	2 550 2 570 2 639 2 692 2 533 2 850 2 386	806 579 746 591 607 792 T R E N 620	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781	154 160 207 181 286 259 143	101 152 132 152 156 115 127	114 86 102 86 115 149 123 98	12 293 12 115 12 399 12 603 12 840 13 355 13 370 12 655
December March June 2017–18 September December March June 2015–16 June 2016–17 September	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 386 2 466	806 579 746 591 607 792 T R E N 620 632	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724	154 160 207 181 286 259 143 143	101 152 132 152 156 115 127 127	114 86 102 86 115 149 123 98 98	12 293 12 115 12 399 12 603 12 840 13 355 13 370 12 655 12 481
December March June 2017–18 September December March June 2015–16 June 2016–17 September December	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320 4 120	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950 2 885	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 386 2 466 2 528	806 579 746 591 607 792 T R E N 620 632 665	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724 1 721	154 160 207 181 286 259 143 143 140 137	101 152 132 152 156 115 127 127 123 117	114 86 102 86 115 149 123 98 98 105 105	12 293 12 115 12 399 12 603 12 840 13 355 13 370 12 655 12 481 12 282
December March June 2017–18 September December March June 2015–16 June 2016–17 September December March	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320 4 120 3 959	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950 2 885 2 871	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 386 2 466 2 528 2 565	806 579 746 591 607 792 T R E N 620 632 665 696	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724 1 721 1 768	154 160 207 181 286 259 143 143 140 137 150	101 152 132 152 156 115 127 127 123 117 120	114 86 102 86 115 149 123 98 98 105 105 97	12 293 12 115 12 399 12 603 12 840 13 355 13 370 12 655 12 481 12 282 12 213
December March June 2017–18 September December March June 2015–16 June 2016–17 September December March June	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320 4 120	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950 2 885	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 386 2 466 2 528	806 579 746 591 607 792 T R E N 620 632 665	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724 1 721	154 160 207 181 286 259 143 143 140 137	101 152 132 152 156 115 127 127 123 117	114 86 102 86 115 149 123 98 98 105 105	12 293 12 115 12 399 12 603 12 840 13 355 13 370 12 655 12 481 12 282 12 213
December March June 2017–18 September December March June 2015–16 June 2016–17 September December March June 2017–18	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320 4 120 3 959 3 920	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950 2 885 2 871 2 877	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 466 2 528 2 565 2 603	806 579 746 591 607 792 T R E N 620 632 665 696 694	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724 1 721 1 768 1 863	154 160 207 181 286 259 143 143 140 137 150 166	101 152 132 152 156 115 127 127 123 117 120 132	114 86 102 86 115 149 123 98 98 105 105 97 91	12 293 12 115 12 399 12 603 13 355 13 370 12 655 12 481 12 282 12 213 12 338
December March June 2017–18 September December March June 2015–16 June 2016–17 September December March June 2017–18 September	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320 4 120 3 959 3 920 3 994	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950 2 885 2 871 2 877 2 931	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 466 2 528 2 565 2 603 2 613	806 579 746 591 607 792 T R E N 620 632 665 696 694 651	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724 1 721 1 768 1 863 1 863 1 957	154 160 207 181 286 259 143 143 140 137 150 166 188	101 152 132 152 156 115 127 127 123 117 120 132 144	114 86 102 86 115 149 123 98 105 105 97 91 99	12 293 12 115 12 399 12 603 12 840 13 355 13 370 12 655 12 481 12 282 12 213 12 338 12 601
December March June 2017–18 September December March June 2015–16 June 2016–17 September December March June 2017–18 September December	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320 4 120 3 959 3 920 3 994 4 044	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950 2 885 2 871 2 877 2 931 3 018	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 466 2 528 2 565 2 603 2 613 2 636	806 579 746 591 607 792 T R E N 620 632 665 696 694 651 635	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724 1 721 1 768 1 863 1 863 1 957 2 074	154 160 207 181 286 259 143 143 140 137 150 166 188 219	101 152 132 152 156 115 127 123 117 120 132 144 148	114 86 102 86 115 149 123 98 105 105 97 91 91 99 117	12 293 12 115 12 399 12 603 13 355 13 370 12 655 12 481 12 282 12 213 12 338 12 601 12 921
December March June 2017–18 September December March June 2015–16 June 2016–17 September December March June 2017–18 September	4 119 3 737 4 105 3 938 4 021 4 134 4 037 4 448 4 320 4 120 3 959 3 920 3 994	2 885 2 840 2 910 2 948 2 912 3 238 3 120 3 038 2 950 2 885 2 871 2 877 2 931	2 550 2 570 2 639 2 692 2 533 2 850 2 386 2 466 2 528 2 565 2 603 2 613	806 579 746 591 607 792 T R E N 620 632 665 696 694 651	1 874 1 805 1 906 2 157 2 159 2 212 D 1 781 1 724 1 721 1 768 1 863 1 863 1 957	154 160 207 181 286 259 143 143 140 137 150 166 188	101 152 132 152 156 115 127 127 123 117 120 132 144	114 86 102 86 115 149 123 98 105 105 97 91 99	12 293 12 115 12 399 12 603 13 355 13 370 12 655 12 481 12 282 12 213 12 338 12 601

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

# ACTUAL TOTAL EXPENDITURE, By state—Current prices

	New							Australian	
	South			South	Western		Northern	Capital	
	Wales	Victoria	Queensland	Australia	Australia	Tasmania	Territory	Territory	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
				ORIGIN	IAL				
2014–15	27 004	18 646	35 000	6 249	55 112	895	6 996	753	150 655
2015–16	28 254	19 661	24 057	5 242	43 160	944	5 577	795	127 692
2016–17	28 296	20 629	23 671	5 166	29 023	983	5 791	847	114 406
2017–18	31 097	21 770	24 592	6 439	27 114	1 256	5 482	1 178	118 927
2015-16									
June	8 041	5 358	5 833	1 331	8 918	266	1 404	^ 214	31 366
2016–17									
September	7 046	4 882	5 702	1 165	7 407	206	1 255	221	27 883
December	7 591	5 502	6 432	1 308	7 982	^ 281	1 457	224	30 776
March	5 932	4 509	4 995	1 265	6 428	^ 211	1 559	^ 174	25 072
June	7 727	5 736	6 542	1 429	7 207	286	1 520	229	30 675
2017-18									
September	7 070	5 151	5 978	1 645	7 020	^ 289	1 516	235	28 903
December	8 303	5 987	6 849	1 728	7 338	278	1 407	349	32 238
March	6 887	4 867	5 123	1 172	6 222	^ 307	1 378	319	26 276
June	8 838	5 765	6 642	1 894	6 535	^ 381	1 180	275	31 511
			SEA	SONALLY	ADJUSTE	D			
2015-16									
June	7 480	4 956	5 335	1 256	8 764	245	1 383	206	29 663
2016–17	7 480	4 930	0 0 0 0 0 0	1250	0704	245	1 303	200	29 003
September	7 264	5 073	5 841	1 201	7 538	213	1 257	204	28 450
December	7 010	5 064	5 819	1 180	7 262	252	1 4 4 6	224	28 313
March	6 789	5 159	5 975	1 481	7 106	254	1 580	194	28 595
June	7 148	5 322	6 045	1 353	7 105	261	1 495	220	29 048
2017-18									
September	7 367	5 372	6 134	1 690	7 187	301	1 522	222	29 577
December	7 653	5 492	6 186	1 548	6 616	249	1 393	349	29 624
March	7 885	5 573	6 012	1 372	6 892	368	1 411	353	30 044
June	8 1 4 8	5 340	6 256	1 786	6 432	350	1 161	264	29 612
				TREN	D				
2015–16									
June	7 465	4 990	5 545	1 246	8 897	232	1 276	193	29 848
2016–17									
September	7 253	5 030	5 639	1 216	7 736	234	1 339	208	28 619
December	7 010	5 091	5 849	1 251	7 193	240	1 440	212	28 301
March	6 930	5 179	5 977	1 360	7 113	257	1 516	203	28 571
June	7 079	5 284	6 060	1 499	7 097	266	1 538	214	29 037
2017-18									
September	7 358	5 412	6 118	1 542	7 013	275	1 499	262	29 477
December	7 645	5 479	6 126	1 537	6 861	299	1 429	310	29 732
March	7 894	5 483	6 139	1 562	6 688	329	1 338	325	29 819
June	8 116	5 433	6 163	1 606	6 546	354	1 230	314	29 765
	• • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •		

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

measures(a)

	New South			South	Western		Northern	Australian Capital	
	Wales	Victoria	Queensland	Australia	Australia	Tasmania	Territory	Territory	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
•••••	• • • • • • • • •		•••••		• • • • • • • • •	• • • • • • • • •	•••••		• • • • • • • •
				ORIGI	NAL				
2014-15	11 456	7 155	23 678	3 293	46 685	278	5 881	365	98 786
2015-16	11 669	7 338	14 173	2 549	35 658	357	4 991	376	77 111
2016–17	11 424	9 047	13 104	2 526	21 840	391	5 229	425	63 986
2017–18	14 060	9 427	13 159	3 557	18 140	315	4 755	679	64 091
2015–16									
June	3 339	1 994	2 939	629	6 887	99	1 234	103	17 217
2016–17									
September	2 553	2 064	3 382	588	5 906	75	1 146	97	15 811
December	3 055	2 410	3 553	620	5 996	128	1 308	109	17 178
March	2 666	2 074	2 804	572	4 686	79	1 458	106	14 446
June	3 150	2 499	3 365	746	5 253	109	1 317	113	16 552
2017-18									
September	2 981	2 322	3 346	932	5 128	84	1 352	131	16 276
December	3 741	2 831	3 773	1 058	4 755	71	1 201	223	17 652
March	3 188	2 049	2 801	634	4 166	63	1 208	193	14 301
June	4 150	2 225	3 239	932	4 092	97	994	132	15 861
<b>2015–16</b> June	3 107	1 924	2 903	SONALLY 631	6 813	91	1 234	103	16 760
2016-17	0 107	1 /21	2,000	001	0010		1 20 1	100	10,000
September	2 755	2 129	3 368	574	5 946	79	1 146	97	15 889
December	2 811	2 188	3 128	539	5 513	117	1 308	109	15 756
March	2 953	2 323	3 293	660	5 171	98	1 458	106	16 131
June	2 905	2 407	3 315	752	5 211	97	1 317	113	16 189
2017-18	0.05/				5 4 5 0		4 959	4.0.4	4 / 100
September	3 256	2 414	3 328	920	5 150	90	1 352	131	16 428
December	3 437	2 564	3 318	933	4 337	64	1 201	223	16 189
March June	3 540 3 827	2 302 2 146	3 300 3 212	744 959	4 599 4 055	77 84	1 208 994	193 132	16 047 15 421
June	5 027	2 140	5212	939	4 055	04	774	152	15 421
	• • • • • • • • •			TREN	D	• • • • • • • • •			• • • • • • • •
2015–16									
June	3 003	1 953	3 137	620	7 107	89	1 148	94	17 108
2016-17	2 0 0 1	2 007	0 4 4 7	F 7 F	E 000	0.4	1 0 1 0	101	15 005
September	2 891	2 087	3 117	575	5 993 5 425	94	1 212	101	15 985
December March	2 817 2 866	2 214	3 224 3 279	573	5 435 5 280	101	1 312	105 103	15 770 16 001
June	2 866 3 020	2 311 2 403	3 279 3 299	648 783	5 280 5 140	104 96	1 376 1 378	103	16 001
2017–18	5 020	2 400	5 277	/03	5 140	70	1 370	117	10 243
September	3 198	2 473	3 336	869	4 941	83	1 319	156	16 346
December	3 407	2 4 4 1	3 315	879	4 657	76	1 240	184	16 206
March	3 604	2 337	3 282	872	4 372	75	1 1 4 9	185	15 929
June	3 749	2 204	3 240	873	4 162	70	1 039	165	15 592
	• • • • • • • • •					• • • • • • • • •			• • • • • • •

(a) Reference year for chain volume measures is 2015-16.

	New South			South	Western		Northern	Australian Capital	
	Wales	Victoria	Queensland	Australia	Australia	Tasmania	Territory	Territory	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
				ORIGIN	AL				
2014-15	16 441	11 955	12 223	3 113	9 156	651	1 223	406	55 147
2015-16	16 585	12 324	9 884	2 694	7 502	587	585	419	50 581
2016-17	16 906	11 901	10 397	2 659	7 116	594	513	422	50 509
2017–18	16 672	12 617	11 073	2 839	8 698	950	567	482	53 898
2015-16									
June	4 723	3 403	2 893	707	2 031	168	172	112	14 210
2016–17									
September	4 533	2 881	2 308	582	1 496	131	108	126	12 165
December	4 542	3 174	2 826	693	1 966	153	141	116	13 611
March June	3 271 4 561	2 511 3 335	2 148	701	1 731 1 924	132 178	82 182	67	10 643 14 091
2017–18	4 301	3 335	3 115	684	1 924	178	182	113	14 091
September	4 072	2 929	2 562	711	1 833	208	131	103	12 550
December	4 503	3 259	2 985	658	2 535	210	171	120	14 441
March	3 621	2 883	2 2 4 4	532	2 000	248	128	121	11 777
June	4 476	3 546	3 281	939	2 330	283	138	138	15 130
			SEAS	ONALLY	ADJUSTEI	)			
2015-16									
June	4 403	3 070	2 4 4 3	622	1 963	156	153	104	12 956
2016-17									
September	4 565	3 013	2 470	621	1 597	135	114	109	12 653
December	4 226	2 955	2 646	633	1 733	136	134	117	12 571
March	3 868	2 927	2 630	816	1 925	158	106	89	12 480
June	4 247	3 005	2 650	590	1 861	165	159	106	12 798
2017-18									
September	4 093	3 062	2 742	772	1 979	213	137	90	13 089
December	4 172	3 023	2 793	615	2 230	186	155	122	13 318
March June	4 275 4 133	3 343 3 189	2 620 2 918	632 820	2 228 2 261	291 260	159 116	157 128	13 801 13 677
June	4 1 3 3	3 109	2 910	020	2 201	200	110	120	13 077
• • • • • • • • • • •	• • • • • • • •	• • • • • • • • •		• • • • • • • • • •	••••	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •
				TREN	U				
2015–16	4 5 0 0	0.07.	0.44.4	(00	4 70 -		4.04	100	10 707
June 2016–17	4 502	3 074	2 414	623	1 794	144	131	100	12 787
September	4 407	3 007	2 512	636	1 746	142	128	108	12 702
December	4 230	2 958	2 589	670	1 752	140	123	108	12 571
March	4 090	2 957	2 639	705	1 814	154	127	101	12 569
June	4 065	2 977	2 692	709	1 923	171	138	95	12 757
2017-18									
September	4 149	3 041	2 712	672	2 027	194	150	104	13 072
December	4 193	3 127	2 732	660	2 146	224	152	123	13 387
March	4 194	3 204	2 762	692 720	2 240	253	144	136 144	13 626 13 804
June	4 200	3 251	2 807	730	2 281	271	134	144	13 804
• • • • • • • • • • • •	• • • • • • • •					• • • • • • • •			• • • • • • • •

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(a) Reference year for chain volume measures is 2015-16.

# ACTUAL TOTAL EXPENDITURE, By state—Chain volume measures(a)

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • •	• • • • • • • •	•••••	• • • • • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • • •	••••	• • • • • • • •
				ORIGIN	IAL				
2014-15	27 896	19 111	35 961	6 413	55 865	927	7 086	771	154 109
2015-16	28 254	19 661	24 057	5 242	43 160	944	5 577	795	127 692
2016-17	28 330	20 948	23 501	5 185	28 957	985	5 742	847	114 496
2017–18 2015–16	30 732	22 044	24 232	6 396	26 838	1 265	5 322	1 161	117 989
June	8 062	5 396	5 824	1 336	8 903	267	1 405	215	31 389
2016-17									
September	7 086	4 945	5 689	1 170	7 402	206	1 254	223	27 976
December	7 597	5 584	6 379	1 313	7 961	281	1 449	225	30 789
March	5 937	4 585	4 953	1 273	6 417	211	1 541	173	25 089
June	7 711	5 834	6 480	1 429	7 176	287	1 499	227	30 642
2017–18	7.054	F 0F1	F 000	1 ( 1 )	( 0/1	202	1 400	224	20.027
September	7 054	5 251	5 909	1 643	6 961	292	1 483	234	28 827
December	8 244	6 090	6 758	1717	7 289	281	1 372	343	32 094
March June	6 809 8 626	4 932 5 771	5 045 6 520	1 165 1 871	6 166 6 422	311 380	1 335 1 131	314 270	26 078 30 991
Julie	0 020	5771	0.520	10/1	0 422	360	1 131	270	20 991
• • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •
			SEAS	SONALLY	ADJUSTE	D			
2015-16									
June	7 511	4 994	5 341	1 253	8 762	246	1 386	207	29 669
2016-17									
September	7 325	5 142	5 830	1 194	7 536	215	1 259	206	28 542
December	7 037	5 143	5 768	1 172	7 247	253	1 4 4 1	226	28 327
March	6 816	5 249	5 920	1 475	7 098	256	1 565	194	28 611
June	7 153	5 415	5 983	1 344	7 077	261	1 477	220	28 987
2017–18									
September	7 364	5 475	6 062	1 690	7 126	303	1 489	222	29 517
December	7 608	5 584	6 104	1 546	6 570	250	1 357	345	29 507
March	7 802	5 643	5 922	1 376	6 826	369	1 365	348	29 848
June	7 958	5 341	6 144	1 784	6 316	343	1 111	261	29 098
				TREN	D				
2015–16									
June	7 507	5 027	5 546	1 243	8 894	233	1 278	195	29 876
2016-17									
September	7 300	5 094	5 620	1 210	7 732	236	1 340	209	28 672
December	7 046	5 172	5 808	1 243	7 185	241	1 435	213	28 338
March	6 954	5 269	5 920	1 353	7 096	258	1 503	204	28 572
June	7 088	5 380	5 995	1 493	7 065	267	1 516	214	28 999
2017–18									
September	7 352	5 513	6 047	1 540	6 969	277	1 469	261	29 419
December	7 600	5 566	6 044	1 537	6 806	300	1 391	306	29 594
March	7 792	5 541	6 044	1 563	6 613	328	1 293	320	29 555
June	7 954	5 470	6 060	1 607	6 429	350	1 180	309	29 377
	• • • • • • • •	• • • • • • •		• • • • • • • • •	• • • • • • • •	• • • • • • • • •		• • • • • • • • •	

(a) Reference year for chain volume measures is 2015-16.

# EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

TREND REVISIONS

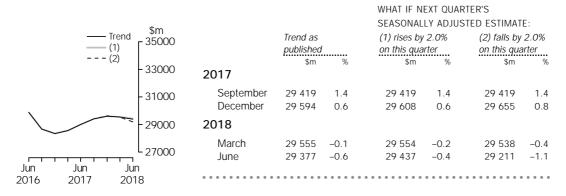
Recent seasonally adjusted and trend estimates are likely to be revised when original estimates for subsequent quarters become available. The approximate effects of possible scenarios on trend estimates for capital expenditure in chain volume terms are presented below by illustrating the impact if next quarter's seasonally adjusted estimate rises or falls by a specified percentage (based on the historical average of movements in seasonally adjusted estimates). For further information, see paragraphs 41 and 42 in the Explanatory Notes.

#### BUILDINGS AND STRUCTURES WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE: \$m - Trend Trend as (1) rises by 2.1% (2) falls by 2.1% 21000 - (1) on this quarter published on this quarter - - - (2) \$m \$m \$m 19500 2017 September 16 346 0.6 16 346 0.6 0.6 16 346 18000 December 16 206 -0.9 16 209 -0.8 16 232 -0.7 2018 16500 March 15 929 -1.7 15 929 -1.7 15 920 -1.9 15000 15 592 lune -2.1 15 661 -1.7 15 547 -2.3Jun Jun Jun . . . . . . . . 2016 2017 2018

#### EQUIPMENT, PLANT AND MACHINERY

					WHAT IF NE	XT QUA	RTER'S	
	¢m				SEASONALL	Y ADJU	STED ESTIMA	TE:
~	\$m 14000	Trend as published		(1) rises by on this quar		(2) falls by 1.9% on this quarter		
	13475	2017	\$m	%	\$m	%	\$m	%
	12950	September	13 072	2.5	13 072	2.5	13 072	2.5
	.2700	December	13 387	2.4	13 399	2.5	13 423	2.7
	12425	2018						
(2)	11000	March	13 626	1.8	13 623	1.7	13 614	1.4
	11900	June	13 804	1.3	13 776	1.1	13 660	0.3
Jun Jun Jun 2016 2017 2018						• • • • •		

TOTAL CAPITAL EXPENDITURE



# EXPLANATORY NOTES

INTRODUCTION	<b>1</b> 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	<ul> <li>2 The Survey of New Capital Expenditure includes the following industries classified according to the Australian and New Zealand Standard Industrial Classification, ANZSIC, 2006:</li> <li>Mining (Division B)</li> <li>Manufacturing (Division C)</li> <li>Other selected industries: <ul> <li>Electricity, Gas, Water and Waste Services (Division D)</li> <li>Construction (Division F)</li> <li>Retail Trade (Division F)</li> <li>Retail Trade (Division F)</li> <li>Retail Trade (Division G)</li> <li>Transport, Postal and Warehousing (Division I)</li> <li>Information Media and Telecommunications (Division J)</li> <li>Finance and Insurance (Division K, excluding ANZSIC class 6330, Superannuation Funds)</li> <li>Rental, Hiring and Real Estate Services (Division L)</li> <li>Professional, Scientific and Technical Services (Division M)</li> <li>Other selected services:</li> <li>Accommodation and Food Services (Division N)</li> <li>Arts and Recreation Services (Division R)</li> <li>Other Services (Division R)</li> <li>Other Services (Division R)</li> </ul> </li> </ul>
	<ul> <li>From June quarter 2018 the survey also includes the following industries which are presented as experimental estimates in the Appendix section of this publication:</li> <li>Education and Training (Division P)</li> <li>Health Care and Social Assistance (Division Q)</li> </ul>
	4 The survey excludes the following industries: Agriculture, Forestry and Fishing (Division A) Public Administration and Safety (Division O) Superannuation Funds (Class 6330)
	<b>5</b> The scope excludes public sector business units (i.e. all departments, authorities and other organisations owned and controlled by Commonwealth, State and Local Government).
	<b>6</b> The Survey of New Capital Expenditure, like most ABS economic collections, takes its frame from Employing and Non-Employing Units on the ABS Business Register which is primarily based on ABN registrations to the Australian Business Register, which is managed by the Australian Taxation Office (ATO). The frame is updated quarterly to take account of new businesses and changes in the characteristics of businesses, such as industry and size.
	7 Businesses which have ceased employing are identified when the Australian Taxation Office (ATO) cancels their Australian Business Number (ABN) registration. In addition, businesses which do not remit for Goods and Services Tax and/or Income Tax Withholding purposes for the previous five quarters, are removed from the frame.
	<b>8</b> As noted, the Survey frame includes Employing and Non-Employing Units on the ABS Business Register. However, micro non-employing businesses are excluded. These are very small units on the ABS Business Register, by standard measures of size. While there are a substantial number of these businesses, it is expected that they would not

SCOPE OF THE SURVEY continued	contribute significantly to the estimates, although the impact would vary from industry to industry.
STATISTICAL UNIT	<b>9</b> In the Survey of New Capital Expenditure, the statistical unit used to represent businesses, and for which statistics are reported, is the Australian Business Number (ABN) unit, in most cases. The ABN unit is the business unit which has registered for an ABN, and thus appears on the ATO administered Australian Business Register. This unit is suitable for ABS statistical needs when the business is simple in structure.
	<b>10</b> For more significant and diverse businesses where the ABN unit is not suitable for ABS statistical needs, the statistical unit used is the Type of Activity Unit (TAU). A TAU is comprised of one or more business entities, sub-entities or branches of a business entity within an Enterprise Group that can report production and employment data for similar economic activities. When a minimum set of data items is available, a TAU is created which covers all the operations within an industry subdivision (and the TAU is classified to the relevant subdivision of the Australian and New Zealand Standard Industrial Classification (ANZSIC)). Where a business cannot supply adequate data for each industry, a TAU is formed which contains activity in more than one industry subdivision and the TAU is classified to the predominant ANZSIC subdivision. Further details about the ABS economic statistical units used in this survey, and in other ABS economic surveys (both sample surveys and censuses), can be found in Chapter 2 of the Standard Economic Sector Classifications of Australia (SESCA) 2008 (cat. no. 1218.0).
SURVEY METHODOLOGY	<b>11</b> The survey is conducted on a quarterly basis. It is based on a random sample of approximately 9,000 units which is stratified by industry, state/territory and derived employment size. The figures obtained from the selected units are supplemented by data from units which have large capital expenditure and are outside the sample framework, or not adequately covered by it.
	<b>12</b> Respondents are asked to provide data on the same basis as their own management accounts. Where a selected unit does not respond in a given survey period, a value is estimated. If data are subsequently provided, the estimated value is replaced with reported data. Aggregates are calculated from all data using the 'number raised' estimation technique. Data are edited at both individual unit level and at aggregate level.
TIMING AND CONSTRUCTION OF SURVEY CYCLE	<ul><li>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. December quarter survey returns are completed during January and February).</li></ul>
	<ul><li>14 Businesses are requested to provide 3 basic figures each survey:</li><li>Actual expenditure incurred during the reference period (Act)</li></ul>

• A short term expectation (E1) and a longer term expectation (E2).

		201	6-17			2017	<b>'</b> -18			2018	8-19	
Survey Quarter	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun
December 2016	Act	Act		E1		E	Ξ2					
March 2017	Act	Act	Act	E1		1	E2					
June 2017	Act	Act	Act	Act	E	Ξ1		E2				
September 2017					Act	E1		E2				
December 2017					Act	Act		E1		E	2	
March 2018					Act	Act	Act	E1		E	2	
June 2018					Act	Act	Act	Act	E	1	E	2

## Period to which reported data relates

TIMING AND CONSTRUCTION OF SURVEY CYCLE continued **15** This survey cycle facilitates the formation of estimates of expenditure for financial years (12 months ending 30 June) which are presented in tables 5 and 6 of this publication. For example, as the previous table shows for 2017-18:

- the first estimate was available from the December 2016 survey as a longer term expectation (E2)
- the second estimate was available from the March 2017 survey (again as a longer term expectation)
- the third estimate was available from the June 2017 survey as the sum of two expectations (E1 + E2)
- in the September 2017, December 2017 and March 2018 surveys the fourth, fifth and sixth estimates, respectively, are derived from the sum of actual expenditure (for that part of the year completed) and expected expenditure (for the remainder of the year) as recorded in the current quarter's survey
- the final (or seventh) estimate from the June quarter 2018 survey is derived from the sum of the actual expenditure for each of the four quarters in the 2017-18 financial year.

**16** Businesses are requested to provide actual expenditure data by state/territory each quarter. Prior to 2002, businesses were also asked to provide expected expenditure data by state/territory each December quarter. Since 2002 state/territory expectations data for businesses which operate in more than one state or territory are pro-rated to states/territories based on actual expenditure for the December quarter in each state or territory. Expectations data for businesses operating within a single state/territory are allocated to that state/territory. Expectations for businesses which report no actual expenditure for the December quarter in each state or territory are allocated to that state/territory. Expectations for businesses which report no actual expenditure for the December quarter are split equally among the states in which the businesses are known to operate.

**17** These expectations data by state/territory are not included in this publication but are released on the ABS Website.

 SAMPLE REVISION
 18 The survey frames and samples are revised each quarter to ensure that they remain representative of the survey population. The timing for creating each quarter's survey frame is consistent with that of other ABS business surveys. This provides for greater consistency when comparing data across surveys.

**19** Additionally, with these revisions to the sample, some of the units from the sampled sector are rotated out of the survey and are replaced by others to spread the reporting workload equitably.

SAMPLE REVISION continued	<b>20</b> Adjustments are included in the estimates to allow for lags in processing new businesses to the ABS Business Register, and the omission of some businesses from the register. The majority of businesses affected and to which adjustments apply are small in size. As an indication of the size of these adjustments, in the June quarter 2018 they represented about 0.8% of the total estimate of actual new capital expenditure.
CLASSIFICATION BY INDUSTRY	<b>21</b> 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. For more information, users are referred to <i>Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006</i> (cat. no. 1292.0).
	<b>22</b> In order to classify new capital expenditure by industry, each statistical unit (as defined above) is classified to the (ANZSIC) industry in which it mainly operates.
CHAIN VOLUME MEASURES	23 The chain volume measures appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in the chosen reference year (currently 2015-16). The current price values may be thought to be 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 compound 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 quarters of the latest incomplete year which are based upon the second most recent financial year. Quarterly chain volume estimates for a financial year sum to the corresponding annual estimate.
	<b>24</b> With each release of the September quarter issue of this publication, a new base year is introduced and the reference year is advanced one year to coincide with it. With the release of the September quarter 2017 issue of this publication, the chain volume measures currently have 2015-16 as their base year rather than 2014-15.
	<b>25</b> A change in the 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 the last year.
	<b>26</b> 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 the states 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 Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (cat. no. 5248.0)
DERIVATION AND USEFULNESS OF REALISATION RATIOS	<b>27</b> Once actual expenditure for a financial year is known, it is useful to investigate the relationship between each of the prior six estimates of expenditure for that financial year and the actual expenditure (see page 7 for an explanation of the derivation of the seven 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 three or six month expectations as well as the 12 month E2 estimates or combinations of estimates containing at least some expectation components (e.g. six months actual and six months expected expenditure).

DERIVATION AND USEFULNESS OF REALISATION RATIO continued

RELIABILITY OF THE

ESTIMATES

**28** 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 2018–19 based on the June 2018 survey results and compare this with 2017-18 expenditure, it is necessary to apply the relevant realisation factors to the expectations to put both estimates on the same basis.

**29** 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 5 and 6.

**30** 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 12 month expectations for the following financial year collected in the December and March surveys.

**31** Estimates provided in this publication are subject to non-sampling and sampling errors. The most common way of quantifying sampling error is to calculate the standard error for the published estimate. Details of standard errors are included in the appendix of this publication.

**32** Estimates that have an estimated relative standard error between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '\*', indicating that the estimate should be used with caution as it is subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '\*' indicating that the sampling variability causes the estimates to be considered too unreliable for general use. These annotations have only been applied to estimates from the March quarter 2009.

**33** 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, treatment of non-response, inaccurate reporting by respondents, errors in the application of survey procedures, incorrect recording of answers, and errors in data entry and processing.

**34** Estimates for the latest quarter presented in this publication are considered preliminary and revised estimates will be released with the next issue. As discussed in Paragraphs 38 to 42 below, seasonally adjusted and trend estimates are also subject to revision as data are revised and more data become available.

**35** 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. 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 or, in the case of aircraft, is allocated across states in proportion to the likely use of the asset.

RELIABILITY OF THE ESTIMATES <i>continued</i>	<b>36</b> The Australian equivalents to International Financial Reporting Standards (AIFRS) were progressively implemented in Australia from 1 January 2005. As a result, a number of items in the financial accounts of Australian businesses were affected by changed definitions which in turn impacted upon both Income Statements and Balance Sheets. A range of ABS economic collections source data from financial accounts of businesses and use those data to derive economic statistics. There have been no changes in the associated economic definitions.
	<b>37</b> After monitoring data items in the immediate years following March quarter 2005 it was concluded that most affected published data series were impacted by data breaks but that the magnitude of such breaks could not be determined without imposing disproportionate load upon data providers to ABS surveys and other administratively collected data.
SEASONAL ADJUSTMENT	<b>38</b> The quarterly original actual new capital expenditure series in this publication are affected in varying degrees by seasonal influences. The seasonal adjustment process estimates and removes the effects of normal seasonal variations from the original series so that the effects of other influences can be more easily recognised.
	<b>39</b> In the seasonal adjustment process, account has been taken of normal seasonal factors (e.g. increase in June quarter capital expenditure due to the impending end of the financial year) to produce the seasonally adjusted estimates. Particular care should be taken in interpreting quarterly movements in the seasonally adjusted estimates because seasonal adjustment does not remove the effect of irregular or non-seasonal influences (e.g. change in interest rates) and reflects the sampling and other errors to which the original estimates are subject.
	<b>40</b> The revision properties of the seasonally adjusted and trend estimates can be improved by the use of Autoregressive Integrated Moving Average (ARIMA) modelling. The Survey of Private New Capital Expenditure uses ARIMA modelling where appropriate for individual time series. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The projected values are temporary, intermediate values that are only used internally to improve the estimation of the seasonal factors. The projected data do not affect the original estimates and are discarded at the end of the seasonal adjustment process. For more information on the details of ARIMA modelling see Feature article: Use of ARIMA modelling to reduce revisions in the October 2004 issue of <i>Australian Economic Indicators</i> (cat. no. 1350.0).
TREND ESTIMATES	<b>41</b> The trend estimates are derived by applying a 7-term Henderson moving average to the seasonally adjusted estimates. The 7-term Henderson moving average is symmetric, but as the end of a time series is approached, asymmetric forms of the moving average are applied. The asymmetric moving average has been tailored to suit the particular characteristics of individual series and enable trend estimates for recent quarters to be produced. Estimates of the trend will be improved at the current end of the time series as additional observations become available. This improvement is due to the application of different asymmetric moving averages for the most recent three quarters. As a result of the improvement, revisions to the trend estimates will generally be observed for the most recent three quarters.
	<b>42</b> There may also be revisions because of changes in the original estimates. As a result of these revisions, the seasonally adjusted and trend estimates will also be revised. For further information, see <i>Information Paper: A Guide to Interpreting Time Series - Monitoring Trend, An Overview</i> (cat. no. 1349.0).
	<b>43</b> A description of the terms used in this publication is given below:

DESCRIPTION OF TERMS continued

COMPARISON WITH NATIONAL

ACCOUNTS AND OTHER ABS

STATISTICS

**44** *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.

- **45** Some estimates are dissected by type of asset:
- 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:
- 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.

**46** 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:

- National Accounts estimates incorporate data from other sources as well as information from the new capital expenditure survey. For example, annual estimates for capital expenditure on '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's quarterly Building Activity Survey and Engineering Construction Survey are the main sources for estimating the National Accounts dwellings and other buildings and structures items.
- 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.
- 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.
- National accounts estimates of gross fixed capital formation relate to acquisitions less disposals of new or existing fixed assets, whereas the survey figures are acquisitions of new fixed tangible assets only.

**47** 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).

**48** The estimates of capital expenditure on buildings and other structures will differ with estimates of Construction activity published in Construction Work Done, Australia, Preliminary (cat. no. 8755.0). The latter publication presents estimates of building and engineering construction work collected by the Building Activity Survey and the Engineering Construction Survey. Estimates of construction activity are based on the value of actual work done during the quarter of individual building or construction jobs

COMPARISON WITH NATIONAL ACCOUNTS AND OTHER ABS STATISTICS <i>continued</i>	by builders, and do not necessarily equate to capitalisation of this work by the builders' eventual clients. Estimates of capital expenditure in this publication are based on data reported by businesses (that is, the builders' clients) from their financial or management accounts for purchases of buildings and structures.
RELATED PUBLICATIONS	<ul> <li>49 Users may also wish to refer the following publications:</li> <li>Information Paper: Changes to Private New Capital Expenditure and Expected Expenditure statistics, September 2009 (cat. no. 5625.0.55.001)</li> <li>Australian National Accounts: National Income, Expenditure and Product (cat. no. 5206.0)</li> <li>Australian National Accounts: Concepts, Sources and Methods (cat. no. 5216.0)</li> <li>Building Activity, Australia (cat. no. 8752.0)</li> <li>Business Indicators, Australia (cat. no. 5676.0)</li> <li>Business Operations and Industry Performance, Australia (cat. no. 8140.0)</li> <li>Construction Work Done, Australia (cat no 8755.0)</li> <li>Engineering Construction Activity, Australia (cat. no. 8762.0)</li> <li>Information Paper: Australian National Accounts, Introduction of Chain Volume and Price Indexes (cat. no. 5248.0)</li> </ul>
	<b>50</b> Current publications and other products released by the ABS are available from the Statistics View. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.
ABS DATA AVAILABLE ON REQUEST	<b>51</b> In addition to the data contained in this publication, more detailed industry and state 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 subdivision (2 digit) level.
ABS WEBSITE	<b>52</b> The ABS website contains most of the data included in this publication but with a longer time series. In addition to the series in this publication, data for Manufacturing Subdivisions and State by Industry data are also available.
ACKNOWLEDGMENT	<b>53</b> ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated; without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the <i>Census and Statistics Act 1905</i> .
	<b>54</b> The results of these statistics are based, in part, on ABR data supplied by the Registrar to the ABS under A New Tax System (Australian Business Number) Act 1999 which requires that such data is only used for the purpose of carrying out functions of the ABS. No individual information collected under the Census and Statistics Act 1905 is provided back to the Registrar for administrative or regulatory purposes. Any discussion of data limitations or weaknesses is in the context of using the data for statistical purposes, and is not related to the ability of the data to support the ABR's core operational requirements. Legislative requirements to ensure privacy and secrecy of this data have been followed. Only people authorised under the Australian Bureau of Statistics Act 1975 have been allowed to view data about any particular firm in conducting this survey. In accordance with the Census and Statistics Act 1905, results have been confidentialised to ensure that they are not likely to enable identification of a particular person or organisation.

# APPENDIX 1 SAMPLING ERRORS

# LEVEL ESTIMATES

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.

EXAMPLE OF USE

The following example illustrates how to use the standard error to interpret a level estimate.

Let us say that the published level estimate for total capital expenditure is \$31,511m and the calculated standard error in this case is \$521m. The standard error is then used to interpret the level estimate of \$31,511m.

For instance, the standard error of \$521m indicates that:

- There are approximately two chances in three that the real value falls within the range \$30,990m to \$32,032m (\$31,511m ± \$521m)
- There are approximately 19 chances in 20 that the real value falls within the range \$30,469m to \$32,553m (\$31,511m ± \$1,042m)

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 June quarter 2018 estimates.

	Buildings and Structures	Equipment, Plant and Machinery	Total	
	\$m	\$m	\$m	
Mining	63	41	84	
Manufacturing	61	107	133	
Electricity, Gas, Water and Waste Services	35	45	61	
Construction	22	196	201	
Wholesale Trade	18	94	97	
Retail Trade	121	80	131	
Transport, Postal and Warehousing	36	166	170	
Information Media and Telecommunications	_	34	34	
Financial and Insurance Services	60	59	92	
Rental, Hiring and Real Estate Services	164	115	198	
Professional, Scientific and Technical Services	21	79	82	
Other Selected Services	131	156	204	
Total	272	406	521	
New South Wales	193	182	276	
Victoria	103	188	223	
Queensland	117	221	249	
South Australia	69	107	132	
Western Australia	75	124	158	
Tasmania	11	65	67	
Northern Territory	15	11	19	
Australian Capital Territory	4	22	22	
Australia	272	406	521	

— nil or rounded to zero (including null cells)

#### MOVEMENT ESTIMATES

EXAMPLE OF USE

The following example illustrates how to use the standard error to interpret a movement estimate.

Let us say that one quarter the published level estimate for total capital expenditure is \$26,276m and the next quarter the published level estimate is \$31,511m.

In this example, the calculated standard error for the movement estimate is \$462m. The standard error is then used to interpret the published movement estimate of \$5,235m.

For instance, the standard error of \$462m indicates that:

- There are approximately two chances in three that the real movement over the two-quarter period falls within the range \$4,773m to \$5,697m (\$5,235m ± \$462m)
- There are approximately 19 chances in 20 that the real movement falls within the range \$4,311m to \$6,159m (\$5,235m ± \$924m)

The following table shows the standard errors for June quarter 2018 movement estimates.

	Buildings	Equipment,		
	and	Plant and		
	Structures	Machinery	Total	
	\$m	\$m	\$m	
Mining	35	26	44	
Manufacturing	49	125	135	
Electricity, Gas, Water and Waste Services	36	38	55	
Construction	26	220	224	
Wholesale Trade	18	75	82	
Retail Trade	120	81	141	
Transport, Postal and Warehousing	72	175	193	
Information Media and Telecommunications	3	39	39	
Financial and Insurance Services	36	63	76	
Rental, Hiring and Real Estate Services	154	122	204	
Professional, Scientific and Technical Services	15	86	86	
Other Selected Services	132	157	206	
Total	262	382	462	
New South Wales	195	221	278	
Victoria	126	219	253	
Queensland	85	193	218	
South Australia	62	107	124	
Western Australia	96	96	139	
Tasmania	8	67	68	
Northern Territory	7	13	15	
Australian Capital Territory	5	29	30	
Australia	262	382	462	

INTRODUCTION	<b>1</b> This Appendix contains quarterly estimates for actual new capital expenditure by private businesses for Education and Training (ANZSIC Division P) and Health Care and Social Assistance (ANZSIC Division Q) in Australia from September quarter 2017 onwards.						
	2 This new s until there are estimates.					rrent price oriq usted and trer	
	3 The estima evaluation and totals in the m National Accou	l should the ain outputs	refore be use	d with caut	ion. They are		in any
KEY STATISTICS	ACTUAL EXF		F Australi	a hvisel	ected indu	stries and	type of
	asset—Curr			•••••		•••••	
				•••••			•••••
		ent price			HEALTH CA	RE AND	•••••
		ent price	S		HEALTH CA	RE AND	Total
		EDUCATION Buildings and	S AND TRAINING Equipment, Plant and		HEALTH CA SOCIAL AS Buildings and	RE AND SISTANCE Equipment, Plant and	
		EDUCATION Buildings and Structures	S AND TRAINING Equipment, Plant and Machinery	Total	HEALTH CA SOCIAL AS: Buildings and Structures	RE AND SISTANCE Equipment, Plant and Machinery	Total
		EDUCATION Buildings and Structures	S AND TRAINING Equipment, Plant and Machinery \$m	Total	HEALTH CA SOCIAL AS: Buildings and Structures	RE AND SISTANCE Equipment, Plant and Machinery	Total
		EDUCATION Buildings and Structures	S AND TRAINING Equipment, Plant and Machinery \$m	 Total Sm	HEALTH CA SOCIAL AS: Buildings and Structures	RE AND SISTANCE Equipment, Plant and Machinery	Total
	asset—Curr 2017–18 September	EDUCATION Buildings and Structures \$m	S AND TRAINING Equipment, Plant and Machinery \$m	Total \$m PRIGINAL 601	HEALTH CA SOCIAL AS: Buildings and Structures	RE AND SISTANCE Equipment, Plant and Machinery	Total
	asset—Curr 2017-18 September December	EDUCATION Buildings and Structures \$m 461 594	S AND TRAINING Equipment, Plant and Machinery \$m C ^ 140 ^ 212	Total \$m PRIGINAL 601 806	HEALTH CA SOCIAL AS: Buildings and Structures \$m 965 1 151	RE AND SISTANCE Equipment, Plant and Machinery \$m 500 ^ 639	<i>Total</i> \$m 1 465 1 791
	asset—Curr 2017–18 September	EDUCATION Buildings and Structures \$m	S AND TRAINING Equipment, Plant and Machinery \$m C C ^ 140	Total \$m PRIGINAL 601	HEALTH CA SOCIAL AS: Buildings and Structures \$m 965	RE AND SISTANCE Equipment, Plant and Machinery \$m	<i>Total</i> \$m 1 465

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

FURTHER INFORMATION

**4** Experimental estimates of actual expenditure by state and territory are not included in this publication but are available in Table 13a from the Downloads tab of this issue on the ABS website.

**5** Experimental estimates of expected capital expenditure, including financial year estimates comprised of both actual and expected expenditure, will be available at a later date.

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INTERNET	data from our publ	ications and information about the ABS.

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