

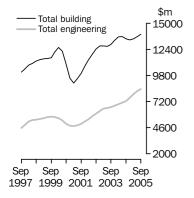
# **CONSTRUCTION WORK DONE**

**AUSTRALIA** PRELIMINARY

EMBARGO: 11.30AM (CANBERRA TIME) WED 30 NOV 2005

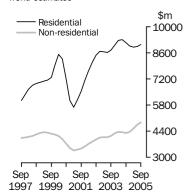
### Value of construction work done

Volume terms Trend estimates



### Value of building work done

Volume terms Trend estimates



### INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Tamra Guiver on Adelaide (08) 8237 7655.



## KEY FIGURES

	Sep qtr 05	Jun qtr 05 to Sep qtr 05	Sep qtr 04 to Sep qtr 05
	\$m	% change	% change
TREND ESTIMATE Value of work done	<b>S</b> (a)		
Building	13 914.2	1.6	3.5
Residential	9 044.3	1.1	-1.2
Non-residential	4 863.5	2.5	13.2
Engineering	8 455.1	2.4	16.5
<b>Total construction</b>	22 422.3	2.2	8.3

### SEASONALLY ADJUSTED ESTIMATES (a)

### Value of work done

Total construction	22 331.4	0.9	8.7
Engineering	8 476.5	3.4	18.4
Non-residential	4 841.9	-0.3	17.4
Residential	9 013.0	-0.8	-2.6
Building	13 855.0	-0.6	3.5

(a) Reference year for Chain Volume Measures is 2003–04.

## KEY POINTS

### VALUE OF CONSTRUCTION WORK DONE, VOLUME TERMS

### TREND ESTIMATES

- The trend estimate of building work done rose 1.6% in the September quarter 2005. A 1.1% rise in residential building was surpassed by a 2.5% increase in non-residential building.
- Engineering work rose 2.4% in the September quarter 2005.
- Total construction work done rose 2.2% in the latest quarter.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of building work fell 0.6% in the September quarter 2005, to \$13,855.0m. Residential building fell 0.8%, to \$9,013.0m while non-residential building fell 0.3%, to \$4,841.9m.
- Engineering work done rose 3.4%, to \$8,476.5m, in the September quarter 2005, the highest level on record. Work done for the private sector rose 5.4%, to \$5,111.4m, also a record. Work done for the public sector also rose, up 0.5%, to \$3,365.1m.
- Total construction work done rose 0.9%, to a record \$22,331.4m, in the latest quarter.

# NOTES

FORTHCOMING ISSUES ISSUE (Quarter) RELEASE DATE

December 2005 22 February 2006 March 2006 24 May 2006

ABOUT THIS ISSUE This publication provides an early indication of trends in building and engineering

construction activity. The data are estimates based on a response rate of approximately 80% of the value of both building and engineering work done during the quarter. More comprehensive and updated results will be released in *Building Activity, Australia* (cat. no. 8752.0) on 20 January 2006 and in *Engineering Construction Activity, Australia* 

(cat. no. 8762.0) on 23 January 2006.

CHANGES IN THIS ISSUE There are no changes in this issue.

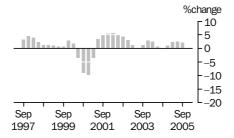
Dennis Trewin

Australian Statistician

# CONSTRUCTION WORK DONE CHAIN VOLUME MEASURES

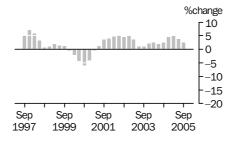
### TREND PERCENTAGE CHANGE

TOTAL CONSTRUCTION



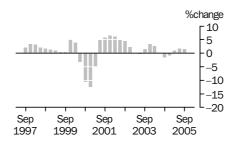
Sustained growth in the engineering construction sector, coupled with rises in building work in recent quarters, has driven total construction work done to record levels.

ENGINEERING



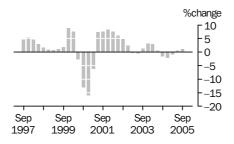
Engineering construction work done has increased for eighteen successive quarters.

BUILDING



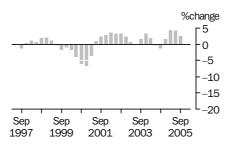
Total building work increased for the third successive quarter after two quarters of decline.

RESIDENTIAL



Residential building work increased for the second successive quarter after three quarters of decline.

NON-RESIDENTIAL

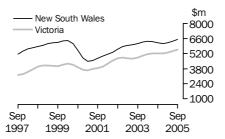


Non-residential work has risen in the last four quarters.

### CONSTRUCTION WORK DONE STATES AND TERRITORIES

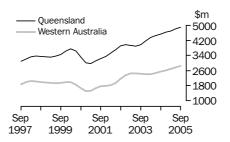
### CHAIN VOLUME MEASURES—TREND ESTIMATES

NEW SOUTH WALES



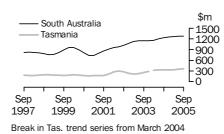
Construction work done has grown for the last three quarters in New South Wales. In Victoria, construction work done has grown for the last four quarters.

QUEENSLAND WESTERN AUSTRALIA



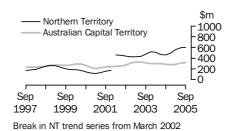
Construction work done has grown in Queensland for the last nine quarters. Construction work done in Western Australia has grown for the last seven quarters.

SOUTH AUSTRALIA TASMANIA



Construction work done in South Australia has grown since December 2000, nineteen consecutive quarters. In Tasmania, construction work done has grown for the last three quarters.

NORTHERN TERRITORY AUSTRALIAN CAPITAL TERRITORY



Construction work done in the Northern Territory shows small growth this quarter, after three quarters of strong growth. The Australian Capital Territory shows growth for the past three quarters.

# LIST OF TABLES

page

TABLES

1	Construction work done, chain volume measures	. 6
2	Construction work done, chain volume measures, change from	
	previous period	. 7
3	Construction work done, current prices	. 8
4	Construction work done, current prices, change from previous period	. 9
5	Value of building work done, chain volume measures	10
6	Value of building work done, chain volume measures, change from	
	previous period	11
7	Value of building work done, current prices	12
8	Value of building work done, current prices, change from previous	
	period	13
9	Construction work done, states and territories, chain volume	
	measures, original	14
10	Construction work done, states and territories, chain volume	
	measures, change from previous period, original	15
11	Construction work done, states and territories, current prices, original $\ \ldots \ $	16
12	Construction work done, states and territories, current prices, change	
	from previous period, original	17
13	Construction work done, states and territories, chain volume measures $\ldots$	18
14	Construction work done, states and territories, chain volume	
	measures, change from previous period	19
15	Work in the pipeline, current prices, original	20
16	Number of dwellings approved but not yet commenced at end of	
	quarter, states and territories, original	21

	BUILDING	WORK DON	E	ENGINEERI	NG WORK D	ONE	CONSTRUC	CONSTRUCTION WORK DONE			
	Private	Public	Total	Private	Public	Total	Private	Public	Total		
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m		
• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •		
				ORIG	INAL						
2002-03	46 004.7	4 557.5	50 562.6	13 698.6	11 801.2	25 500.1	59 668.6	16 356.7	76 052.8		
2003–04	49 174.7	4 398.6	53 573.3	15 837.1	11 571.1	27 408.2	65 011.8	15 969.7	80 981.5		
2004–05	49 401.6	4 496.6	53 898.2	17 848.6	13 138.5	30 987.1	67 250.2	17 635.1	84 885.3		
2004											
Jun Qtr	12 538.7	1 137.3	13 676.0	3 976.8	3 468.9	7 445.5	16 513.6	4 609.8	21 128.9		
Sep Qtr	12 747.7	1 086.8	13 834.5	4 058.7	3 047.3	7 106.0	16 806.4	4 134.1	20 940.5		
Dec Qtr	12 871.0	1 128.5	13 999.6	4 573.2	3 114.2	7 687.4	17 444.2	4 242.8	21 687.0		
2005	44 440 0	4 000 7	40.450.0	4 405 4	0.400.0	7 570 0	45.044.7	4.445.0	40.700.0		
Mar Qtr	11 149.3	1 008.7	12 158.0	4 465.4	3 106.9	7 572.3	15 614.7	4 115.6	19 730.3		
Jun Qtr	12 633.6	1 272.5	13 906.1	4 751.3	3 870.1	8 621.4	17 384.9	5 142.6	22 527.5		
Sep Qtr	13 157.7	1 193.7	14 351.4	5 245.7	3 129.3	8 374.9	18 403.4	4 323.0	22 726.4		
• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •		
			S	EASONALL'	Y ADJUS	TED					
2004											
Jun Otr	12 627.2	1 092.5	13 719.4	4 041.1	3 081.6	7 122.4	16 666.7	4 176.0	20 843.1		
Sep Qtr	12 328.2	1 055.2	13 383.2	3 879.7	3 279.1	7 158.8	16 208.0	4 334.3	20 542.1		
Dec Otr	12 279.6	1 090.5	13 370.0	4 405.7	3 106.2	7 511.9	16 685.3	4 196.7	20 882.0		
2005											
Mar Qtr	12 077.6	1 126.0	13 203.7	4 715.0	3 406.1	8 121.1	16 792.5	4 532.1	21 324.7		
Jun Qtr	12 716.2	1 224.9	13 941.2	4 848.2	3 347.1	8 195.3	17 564.4	4 572.0	22 136.5		
Sep Qtr	12 691.1	1 164.0	13 855.0	5 111.4	3 365.1	8 476.5	17 802.5	4 529.1	22 331.4		
				TRE	END						
2004											
Jun Qtr	12 564.1	1 096.0	13 659.8	3 996.8	3 085.8	7 082.4	16 560.2	4 182.9	20 742.5		
Sep Qtr	12 376.6	1 073.0	13 449.4	4 074.6	3 180.4	7 254.8	16 450.5	4 254.1	20 742.5		
Dec Otr	12 241.1	1 073.0	13 332.3	4 326.2	3 252.4	7 578.6	16 567.2	4 343.8	20 704.0		
<b>2005</b>	±	1 001.0	10 002.0	1 020.2	0 202.4	. 515.5	10 001.2	, 5-0.0	20 011.1		
Mar Otr	12 313.6	1 140.5	13 453.6	4 642.4	3 309.9	7 952.7	16 954.4	4 449.6	21 401.1		
Jun Otr	12 511.9	1 178.6	13 690.5	4 901.9	3 358.1	8 260.6	17 412.9	4 536.5	21 948.3		
Sep Qtr	12 728.2	1 191.6	13 914.2	5 075.9	3 381.9	8 455.1	17 818.3	4 577.1	22 422.3		
1. 6-											

<sup>(</sup>a) Chain volume measures, reference year 2003–04. See paragraphs 25–28 of the Explanatory Notes.

	BUILDIN	IG WORK	DONE	ENGINEI WORK D				CONSTRUCTION WORK DONE		
	Private	Public	Total	Private	Public	Total	Private	Public	Total	
Period	%	%	%	%	%	%	%	%	%	
• • • • • • • •	• • • • •	• • • • •	• • • • •	ORIGIN	<b>A</b> L	• • • • •		• • • • •	• • • • •	
2002-03	16.9	-4.1	14.7	44.9	0.3	20.1	22.6	-0.9	16.5	
2003-04	6.9	-3.5	6.0	15.6	-1.9	7.5	9.0	-2.4	6.5	
2004-05	0.5	2.2	0.6	12.7	13.5	13.1	3.4	10.4	4.8	
2004										
Jun Qtr	6.5	11.0	6.9	3.6	25.8	12.9	5.8	21.9	8.9	
Sep Qtr	1.7	-4.4	1.2	2.1	-12.2	-4.6	1.8	-10.3	-0.9	
Dec Qtr	1.0	3.8	1.2	12.7	2.2	8.2	3.8	2.6	3.6	
2005										
Mar Qtr	-13.4	-10.6	-13.2	-2.4	-0.2	-1.5	-10.5	-3.0	-9.0	
Jun Qtr	13.3	26.2	14.4	6.4	24.6	13.9	11.3	25.0	14.2	
Sep Qtr	4.1	-6.2	3.2	10.4	-19.1	-2.9	5.9	-15.9	0.9	
			SEAS	ONALLY A	ADJUS	TED				
2004										
Jun Qtr	0.7	-4.3	0.3	-0.2	4.9	1.9	0.5	2.3	0.9	
Sep Qtr	-2.4	-3.4	-2.5	-4.0	6.4	0.5	-2.8	3.8	-1.4	
Dec Qtr	-0.4	3.3	-0.1	13.6	-5.3	4.9	2.9	-3.2	1.7	
2005										
Mar Qtr	-1.6	3.3	-1.2	7.0	9.7	8.1	0.6	8.0	2.1	
Jun Qtr	5.3	8.8	5.6	2.8	-1.7	0.9	4.6	0.9	3.8	
Sep Qtr	-0.2	-5.0	-0.6	5.4	0.5	3.4	1.4	-0.9	0.9	
			• • • • •							
				TRENI	)					
2004										
Jun Qtr	0.3	-1.6	0.2	-0.3	4.8	1.9	0.2	3.0	8.0	
Sep Qtr	-1.5	-2.1	-1.5	1.9	3.1	2.4	-0.7	1.7	-0.2	
Dec Qtr	-1.1	1.7	-0.9	6.2	2.3	4.5	0.7	2.1	1.0	
2005										
Mar Qtr	0.6	4.5	0.9	7.3	1.8	4.9	2.3	2.4	2.3	
Jun Qtr	1.6	3.3	1.8	5.6	1.5	3.9	2.7	2.0	2.6	
Sep Qtr	1.7	1.1	1.6	3.6	0.7	2.4	2.3	0.9	2.2	

<sup>(</sup>a) Chain volume measures, reference year 2003–04. See paragraphs 25–28 of the Explanatory Notes.

	BUILDING WORK DONE			ENGINEERI	NG WORK D	ONE	CONSTRUC	CONSTRUCTION WORK DONE			
	Private	Public	Total	Private	Public	Total	Private	Public	Total		
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m		
• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	OPIC	INAL	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		
				ORTG	IIIAL						
2002-03	42 835.9	4 248.2	47 084.2	13 283.0	11 445.8	24 728.8	56 119.0	15 694.0	71 812.9		
2003–04	49 174.7	4 398.6	53 573.3	15 837.1	11 569.9	27 407.0	65 011.8	15 968.5	80 980.3		
2004–05 2004	53 214.5	4 935.7	58 150.2	18 825.4	13 775.5	32 600.9	72 039.9	18 711.2	90 751.1		
Jun Qtr	12 904.1	1 174.3	14 078.5	4 067.0	3 515.4	7 582.4	16 971.1	4 689.7	21 660.8		
Sep Otr	13 369.7	1 152.5	14 522.2	4 197.5	3 128.2	7 325.6	17 567.2	4 280.7	21 847.9		
Dec Otr	13 747.4	1 224.9	14 972.3	4 785.9	3 235.7	8 021.6	18 533.3	4 460.6	22 993.9		
2005	20		1.0.2.0		0 200	0 022.0	10 000.0		22 000.0		
Mar Qtr	12 144.0	1 119.5	13 263.5	4 742.7	3 267.2	8 010.0	16 886.7	4 386.7	21 273.4		
Jun Qtr	13 953.4	1 438.8	15 392.2	5 099.3	4 144.4	9 243.7	19 052.7	5 583.2	24 635.9		
Sep Qtr	14 692.0	1 371.9	16 063.9	5 686.1	3 387.4	9 073.5	20 378.1	4 759.3	25 137.4		
						• • • • • • •					
			S	EASONALL	Y ADJUS	TED					
2004											
Jun Otr	12 983.8	1 130.5	14 114.4	4 145.1	3 116.9	7 262.0	17 129.0	4 247.4	21 376.4		
Sep Qtr	12 919.0	1 119.8	14 038.8	4 020.6	3 363.4	7 383.9	16 939.6	4 483.2	21 422.8		
Dec Otr	13 106.7	1 184.1	14 290.7	4 615.4	3 225.8	7 841.2	17 722.1	4 409.8	22 131.9		
2005											
Mar Qtr	13 148.5	1 250.1	14 398.5	5 009.7	3 581.6	8 591.3	18 158.2	4 831.6	22 989.8		
Jun Qtr	14 037.7	1 385.5	15 423.2	5 203.7	3 582.5	8 786.2	19 241.3	4 968.0	24 209.3		
Sep Qtr	14 152.5	1 337.2	15 489.7	5 561.7	3 636.9	9 198.6	19 714.3	4 974.1	24 688.3		
						• • • • • • •					
				TRE	END						
2004											
Jun Qtr	12 896.4	1 134.1	14 030.5	4 078.7	3 124.9	7 203.7	16 975.1	4 259.0	21 234.2		
Sep Qtr	12 980.0	1 137.7	14 117.7	4 223.9	3 258.8	7 482.7	17 203.9	4 396.5	21 600.4		
Dec Qtr	13 143.7	1 186.0	14 329.7	4 540.5	3 377.6	7 918.1	17 684.1	4 563.6	22 247.7		
2005											
Mar Qtr	13 473.6	1 265.2	14 738.4	4 929.8	3 485.2	8 415.0	18 403.5	4 750.4	23 153.4		
Jun Qtr	13 867.6	1 331.8	15 199.2	5 267.4	3 585.5	8 853.0	19 135.0	4 917.4	24 052.2		
Sep Qtr	14 242.5	1 375.9	15 622.9	5 510.5	3 664.7	9 175.2	19 753.0	5 040.6	24 798.2		

	Total
Private Public Total Private Public Total Private Public	70007
Period % % % % % % % %	%
ORIGINAL	• • • • •
<b>2002-03</b> 21.5 -0.7 19.1 49.3 2.8 23.5 27.1 1.8	20.5
<b>2003-04</b> 14.8 3.5 13.8 19.2 1.1 10.8 15.8 1.7	12.8
<b>2004–05</b> 8.2 12.2 8.5 18.9 19.1 19.0 10.8 17.2	12.1
2004	44.0
Jun Qtr 8.7 13.5 9.1 6.0 27.1 14.8 8.0 23.4	11.0
Sep Qtr 3.6 -1.9 3.2 3.2 -11.0 -3.4 3.5 -8.7	0.9
Dec Qtr 2.8 6.3 3.1 14.0 3.4 9.5 5.5 4.2	5.2
2005	7 -
Mar Qtr -11.7 -8.6 -11.4 -0.9 1.0 -0.1 -8.9 -1.7 Jun Qtr 14.9 28.5 16.0 7.5 26.8 15.4 12.8 27.3	-7.5
·	15.8
Sep Qtr 5.3 -4.6 4.4 11.5 -18.3 -1.8 7.0 -14.8	2.0
•••••	
SEASONALLY ADJUSTED	
2004	
Jun Qtr 2.8 –2.1 2.4 2.1 5.9 3.7 2.6 3.6	2.8
Sep Qtr -0.5 -1.0 -0.5 -3.0 7.9 1.7 -1.1 5.6	0.2
Dec Qtr 1.5 5.7 1.8 14.8 -4.1 6.2 4.6 -1.6	3.3
2005	
Mar Qtr 0.3 5.6 0.8 8.5 11.0 9.6 2.5 9.6	3.9
Jun Qtr 6.8 10.8 7.1 3.9 — 2.3 6.0 2.8	5.3
Sep Qtr 0.8 -3.5 0.4 6.9 1.5 4.7 2.5 0.1	2.0
•••••	• • • • •
TREND	
2004	
Jun Qtr 2.2 0.7 2.0 1.2 5.9 3.2 1.9 4.5	2.4
Sep Qtr         0.6         0.3         0.6         3.6         4.3         3.9         1.3         3.2	1.7
Dec Qtr 1.3 4.2 1.5 7.5 3.6 5.8 2.8 3.8	3.0
2005	
Mar Qtr 2.5 6.7 2.9 8.6 3.2 6.3 4.1 4.1	4.1
Jun Qtr 2.9 5.3 3.1 6.8 2.9 5.2 4.0 3.5	3.9
Sep Qtr 2.7 3.3 2.8 4.6 2.2 3.6 3.2 2.5	3.1

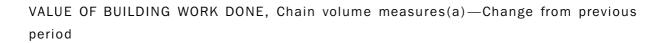
nil or rounded to zero (including null cells)



# VALUE OF BUILDING WORK DONE (a), Chain volume measures

	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIA BUILDING	RESIDENTIAL BUILDING		DENTIAL	TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	ORIGINA	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •
					ORIGINA	_				
2002-03	28 817.5	29 299.2	4 849.1	5 044.2	33 661.8	34 339.3	12 342.5	16 223.3	46 004.7	50 562.6
2003-04	30 223.7	30 743.4	5 453.4	5 615.4	35 677.1	36 358.7	13 497.7	17 214.6	49 174.7	53 573.3
2004-05	29 827.7	30 407.0	5 419.7	5 593.4	35 247.3	36 000.3	14 154.3	17 897.8	49 401.6	53 898.2
2004										
Jun Qtr	7 714.1	7 833.9	1 396.6	1 442.0	9 110.7	9 276.1	3 428.1	4 400.0	12 538.7	13 676.0
Sep Qtr	7 920.4	8 051.4	1 439.3	1 478.6	9 359.7	9 530.0	3 388.0	4 304.5	12 747.7	13 834.5
Dec Qtr	7 645.8	7 796.8	1 441.2	1 481.2	9 087.0	9 278.0	3 784.0	4 721.5	12 871.0	13 999.6
2005										
Mar Qtr	6 773.3	6 903.7	1 180.6	1 218.3	7 954.0	8 122.0	3 195.3	4 036.0	11 149.3	12 158.0
Jun Qtr	7 488.2	7 655.1	1 358.5	1 415.3	8 846.7	9 070.4	3 786.9	4 835.7	12 633.6	13 906.1
Sep Qtr	7 741.7	7 907.1	1 384.1	1 430.0	9 125.8	9 337.2	4 031.9	5 014.3	13 157.7	14 351.4
• • • • • • • •								• • • • • • •		• • • • • •
				SEAS	ONALLY AD	JUSTED				
2004										
Jun Otr	7 740.7	7 865.8	1 392.0	1 428.1	9 132.7	9 293.9	3 494.6	4 425.6	12 627.2	13 719.4
Sep Qtr	7 700.4	7 826.6	1 391.5	1 431.6	9 091.9	9 258.2	3 236.3	4 125.0	12 328.2	13 383.2
Dec Otr	7 360.4	7 493.2	1 361.9	1 409.4	8 722.5	8 902.6	3 557.1	4 467.4	12 279.6	13 370.0
2005	7 000.0	1 100.2	1 001.0	1 100.1	0 122.0	0 002.0	0 001.1	1 10111	12 210.0	10 01 0.0
Mar Otr	7 258.9	7 406.3	1 307.6	1 348.2	8 566.5	8 754.5	3 511.1	4 449.2	12 077.6	13 203.7
Jun Otr	7 507.7	7 680.9	1 358.7	1 404.1	8 866.4	9 085.0	3 849.8	4 856.2	12 716.2	13 941.2
Sep Qtr	7 464.7	7 624.5	1 341.7	1 388.5	8 806.4	9 013.0	3 884.7	4 841.9	12 691.1	13 855.0
					TREND					
0004										
2004	7 755 4	7 000 7	4 202 6	4 400 4	0.440.0	0.240.7	2 44 5 2	4 2 4 7 2	40 504 4	42.050.0
Jun Qtr	7 755.4	7 880.7	1 393.6	1 432.1	9 148.8	9 312.7	3 415.3	4 347.3	12 564.1	13 659.8
Sep Qtr	7 606.8 7 433.7	7 733.4 7 569.2	1 380.4 1 356.6	1 421.3	8 987.2 8 790.3	9 154.6 8 968.8	3 389.4 3 450.9	4 294.9 4 363.6	12 376.6 12 241.1	13 449.4
Dec Qtr <b>2005</b>	1 433.1	1 569.2	1 300.6	1 399.6	8 190.3	o 908.8	3 450.9	4 303.0	12 241.1	13 332.3
Mar Otr	7 368.9	7 518.6	1 339.6	1 383.8	8 708.7	8 902.6	3 605.6	4 552.5	12 313.6	13 453.6
Jun Otr	7 403.9	7 565.3	1 337.5	1 382.3	8 741.4	8 902.6 8 947.6	3 771.0	4 743.6	12 513.0	13 690.5
Sep Otr	7 486.2	7 655.5	1 343.3	1 388.9	8 829.4	9 044.3	3 890.5	4 863.5	12 728.2	13 090.3
ocp Qu	1 400.2	1 000.0	1 545.5	1 300.9	0 023.4	J 044.3	3 030.3	+ 000.0	12 120.2	10 014.2

<sup>(</sup>a) Chain volume measures, reference year 2003–04. See paragraphs 25–28 of the Explanatory Notes.



	NEW RESIDENTIAL BUILDING		AND	ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NTIAL IG	TOTAL BUILDIN	TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total	
Period	%	%	%	%	%	%	%	%	%	%	
• • • • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • •	ORIGINAL	• • • • •	• • • • • • • •	• • • • •	• • • • • • • •	• • • • •	
2002–03	17.9	17.3	11.6	11.3	16.9	16.4	17.0	11.2	16.9	14.7	
2003-04	4.9	4.9	12.5	11.3	6.0	5.9	9.4	6.1	6.9	6.0	
2004–05 2004	-1.3	-1.1	-0.6	-0.4	-1.2	-1.0	4.9	4.0	0.5	0.6	
Jun Qtr	5.1	5.1	10.6	10.9	5.9	6.0	8.1	8.8	6.5	6.9	
Sep Qtr	2.7	2.8	3.1	2.5	2.7	2.7	-1.2	-2.2	1.7	1.2	
Dec Qtr	-3.5	-3.2	0.1	0.2	-2.9	-2.6	11.7	9.7	1.0	1.2	
2005											
Mar Qtr	-11.4	-11.5	-18.1	-17.7	-12.5	-12.5	-15.6	-14.5	-13.4	-13.2	
Jun Qtr	10.6	10.9	15.1	16.2	11.2	11.7	18.5	19.8	13.3	14.4	
Sep Qtr	3.4	3.3	1.9	1.0	3.2	2.9	6.5	3.7	4.1	3.2	
			S	EASON	IALLY AD.	JUSTEI	D				
			· ·								
2004											
Jun Qtr	0.1	0.1	1.1	0.8	0.3	0.2	1.8	0.5	0.7	0.3	
Sep Qtr	-0.5	-0.5	_	0.2	-0.4	-0.4	-7.4	-6.8	-2.4	-2.5	
Dec Qtr	-4.4	-4.3	-2.1	-1.5	-4.1	-3.8	9.9	8.3	-0.4	-0.1	
2005	1 1	-1.2	-4.0	-4.3	1.0	-1.7	1.2	-0.4	1.6	-1.2	
Mar Qtr Jun Qtr	-1.4 3.4	-1.2 3.7	-4.0 3.9	-4.3 4.1	-1.8 3.5	-1. <i>1</i>	-1.3 9.6	-0.4 9.1	-1.6 5.3	-1.2 5.6	
Sep Otr	-0.6	-0.7	-1.2	-1.1	-0.7	-0.8	0.9	-0.3	-0.2	-0.6	
Sep Qu	-0.6	-0.7	-1.2	-1.1	-0.7	-0.6	0.9	-0.3	-0.2	-0.6	
• • • • • • • •	• • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • • •		• • • • • • • •	• • • • •	• • • • • • • •	• • • • •	
					TREND						
2004											
Jun Qtr	0.5	0.5	0.5	0.5	0.5	0.5	-0.1	-0.4	0.3	0.2	
Sep Qtr	-1.9	-1.9	-0.9	-0.8	-1.8	-1.7	-0.8	-1.2	-1.5	-1.5	
Dec Qtr	-2.3	-2.1	-1.7	-1.5	-2.2	-2.0	1.8	1.6	-1.1	-0.9	
2005											
Mar Qtr	-0.9	-0.7	-1.2	-1.1	-0.9	-0.7	4.5	4.3	0.6	0.9	
Jun Qtr	0.5	0.6	-0.2	-0.1	0.4	0.5	4.6	4.2	1.6	1.8	
Sep Qtr	1.1	1.2	0.4	0.5	1.0	1.1	3.2	2.5	1.7	1.6	

nil or rounded to zero (including null cells)

<sup>(</sup>a) Chain volume measures, reference year 2003–04. See paragraphs 25–28 of the Explanatory Notes.

# VALUE OF BUILDING WORK DONE, Current prices

	NEW RESIDENTIAL BUILDING		ALTERATION AND ADD		RESIDENTI BUILDING	AL	NON-RESII BUILDING	DENTIAL	TOTAL BUIL	TOTAL BUILDING		
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total		
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m		
• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	ORIGINA	L	• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •		
2002-03	26 776.0	27 224.6	4 578.2	4 761.8	31 354.2	31 986.4	11 481.8	15 097.7	42 835.9	47 084.2		
2003-04	30 223.7	30 743.4	5 453.4	5 615.4	35 677.1	36 358.8	13 497.6	17 214.6	49 174.7	53 573.3		
2004–05 2004	31 911.3	32 536.7	5 701.3	5 883.9	37 612.6	38 420.5	15 601.9	19 729.6	53 214.5	58 150.2		
Jun Qtr	7 928.9	8 052.3	1 423.7	1 470.1	9 352.6	9 522.4	3 551.5	4 556.0	12 904.1	14 078.5		
Sep Qtr	8 274.3	8 411.8	1 486.7	1 527.1	9 761.0	9 938.9	3 608.7	4 583.3	13 369.7	14 522.2		
Dec Qtr	8 110.0	8 270.8	1 507.8	1 549.5	9 617.8	9 820.4	4 129.6	5 151.9	13 747.4	14 972.3		
2005												
Mar Qtr	7 328.2	7 470.4	1 252.6	1 292.4	8 580.8	8 762.9	3 563.2	4 500.6	12 144.0	13 263.5		
Jun Qtr	8 198.8	8 383.6	1 454.2	1 514.8	9 653.0	9 898.4	4 300.4	5 493.8	13 953.4	15 392.2		
Sep Qtr	8 554.4	8 741.8	1 495.1	1 544.6	10 049.4	10 286.4	4 642.6	5 777.5	14 692.0	16 063.9		
• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	SEASO	ONALLY AD	IIISTED	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		
				JLAGO	JNALLI AL	7703125						
2004												
Jun Qtr	7 948.1	8 077.4	1 419.2	1 456.3	9 367.3	9 533.6	3 616.5	4 580.7	12 983.8	14 114.4		
Sep Qtr	8 040.6	8 173.7	1 435.9	1 477.2	9 476.4	9 650.9	3 442.6	4 387.9	12 919.0	14 038.8		
Dec Qtr	7 807.3	7 949.6	1 422.0	1 471.5	9 229.2	9 421.1	3 877.4	4 869.6	13 106.7	14 290.7		
2005												
Mar Qtr	7 853.8	8 016.0	1 383.6	1 426.5	9 237.4	9 442.4	3 911.1	4 956.1	13 148.5	14 398.5		
Jun Qtr	8 220.4	8 413.9	1 449.9	1 498.3	9 670.4	9 912.2	4 367.3	5 511.0	14 037.7	15 423.2		
Sep Qtr	8 237.8	8 418.4	1 450.3	1 501.0	9 688.1	9 919.5	4 464.4	5 570.3	14 152.5	15 489.7		
• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	TREND	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		
2004												
Jun Otr	7 943.9	8 073.3	1 418.6	1 458.1	9 362.5	9 531.4	3 533.9	4 499.1	12 896.4	14 030.5		
Sep Otr	7 943.9	8 085.0	1 426.1	1 468.4	9 377.7	9 553.3	3 602.3	4 564.4	12 980.4	14 117.7		
Dec Otr	7 954.9	8 101.0	1 425.1	1 470.8	9 380.9	9 571.7	3 762.8	4 758.0	13 143.7	14 329.7		
<b>2005</b>	1 334.3	0 101.0	1 425.5	1 710.0	5 560.9	5 511.1	5 102.6	<del>-</del> 130.0	10 140.7	± <del>-,</del> ∪∠⊍.1		
Mar Otr	8 031.2	8 195.7	1 428.2	1 474.8	9 459.3	9 670.4	4 015.2	5 069.2	13 473.6	14 738.4		
Jun Otr	8 156.4	8 336.5	1 438.6	1 486.4	9 594.9	9 822.9	4 273.2	5 377.0	13 473.6	15 199.2		
		0 000.0	T 400.0		0 004.0	0 022.9	7 4 1 3.4					

	NEW RESIDENTIAL BUILDING		AND	ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NTIAL IG	TOTAL BUILDIN	G
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
Period	%	%	%	%	%	%	%	%	%	%
• • • • • • • •	• • • • •	• • • • •	• • • • • • •	• • • • •	ORIGINAL	• • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • •
					ORIGINAL					
2002-03	22.7	22.2	15.8	15.5	21.7	21.1	21.0	14.9	21.5	19.1
2003-04	12.9	12.9	19.1	17.9	13.8	13.7	17.6	14.0	14.8	13.8
2004–05 2004	5.6	5.8	4.5	4.8	5.4	5.7	15.6	14.6	8.2	8.5
Jun Otr	7.2	7.1	12.2	12.5	7.9	7.9	10.9	11.6	8.7	9.1
Sep Otr	4.4	4.5	4.4	3.9	4.4	4.4	1.6	0.6	3.6	3.2
Dec Qtr	-2.0	-1.7	1.4	1.5	-1.5	-1.2	14.4	12.4	2.8	3.1
2005										
Mar Qtr	-9.6	-9.7	-16.9	-16.6	-10.8	-10.8	-13.7	-12.6	-11.7	-11.4
Jun Qtr	11.9	12.2	16.1	17.2	12.5	13.0	20.7	22.1	14.9	16.0
Sep Qtr	4.3	4.3	2.8	2.0	4.1	3.9	8.0	5.2	5.3	4.4
			• • • • • • •							
			5	SEASO	NALLY AD.	JUSTE	D			
2004										
Jun Otr	2.1	2.0	2.5	2.2	2.2	2.0	4.4	3.0	2.8	2.4
Sep Qtr	1.2	1.2	1.2	1.4	1.2	1.2	-4.8	-4.2	-0.5	-0.5
Dec Qtr	-2.9	-2.7	-1.0	-0.4	-2.6	-2.4	12.6	11.0	1.5	1.8
2005										
Mar Qtr	0.6	0.8	-2.7	-3.1	0.1	0.2	0.9	1.8	0.3	0.8
Jun Qtr	4.7	5.0	4.8	5.0	4.7	5.0	11.7	11.2	6.8	7.1
Sep Qtr	0.2	0.1	_	0.2	0.2	0.1	2.2	1.1	0.8	0.4
• • • • • • • •	• • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • •
					TREND					
2004										
Jun Qtr	2.1	2.1	1.6	1.6	2.0	2.0	2.5	2.1	2.2	2.0
Sep Qtr	0.1	0.1	0.5	0.7	0.2	0.2	1.9	1.5	0.6	0.6
Dec Qtr	_	0.2	_	0.2	_	0.2	4.5	4.2	1.3	1.5
2005							_		_	
Mar Qtr	1.0	1.2	0.2	0.3	0.8	1.0	6.7	6.5	2.5	2.9
Jun Qtr	1.6	1.7	0.7	0.8	1.4	1.6	6.4	6.1	2.9	3.1
Sep Qtr	1.7	1.8	0.9	1.0	1.6	1.7	4.9	4.5	2.7	2.8

nil or rounded to zero (including null cells)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • • •
			BUILI	DING WO	ORK DON	E			
2002-03	16 785.9	14 782.9	9 829.2	2 548.1	4 684.3	540.0	377.9	988.2	50 562.6
2003–04	17 143.6	15 309.8	11 386.8	2 884.6	4 792.8	710.7	401.1	943.9	53 573.3
2004–05	16 076.4	15 386.2	11 996.7	3 194.7	5 064.1	786.6	470.4	923.0	53 898.2
2004									
Jun Qtr	4 244.3	4 045.8	2 935.0	741.7	1 175.6	190.4	99.7	241.7	13 676.0
Sep Qtr	4 251.9	3 941.5	3 088.1	782.7	1 253.8	184.4	101.8	230.2	13 834.5
Dec Qtr	4 187.3	4 097.1	3 101.9	826.5	1 262.7	197.4	116.3	210.5	13 999.6
2005									
Mar Qtr	3 605.1	3 347.9	2 715.6	717.8	1 264.7	169.9	120.0	216.9	12 158.0
Jun Qtr	4 032.0	3 999.6	3 091.1	867.7	1 282.9	235.0	132.4	265.4	13 906.1
Sep Qtr	4 047.4	4 267.2	3 202.9	829.2	1 378.1	230.0	122.9	273.8	14 351.4
			ENGINE	ERING	WORK DO	NE			
2002-03	6 699.0	4 374.7	5 767.9	1 810.7	4 850.6	378.9	1 363.9	252.1	25 500.1
2003-04	7 888.2	4 983.3	5 539.9	1 764.7	4 880.6	485.5	1 619.8	244.9	27 408.2
2004-05	8 878.6	5 672.1	6 657.8	1 865.0	5 481.2	563.2	1 630.4	238.7	30 987.1
2004									
Jun Qtr	2 117.4	1 352.9	1 555.1	479.6	1 306.7	163.0	402.7	68.6	7 445.5
Sep Qtr	2 004.9	1 181.6	1 627.0	439.5	1 313.5	135.6	331.4	72.5	7 106.0
Dec Qtr	2 133.8	1 366.9	1 696.1	497.7	1 418.9	121.2	396.5	56.4	7 687.4
2005									
Mar Qtr	2 084.4	1 498.7	1 593.9	414.8	1 376.3	156.9	400.3	47.1	7 572.3
Jun Qtr	2 655.6	1 624.9	1 740.7	513.1	1 372.5	149.6	502.2	62.8	8 621.4
Sep Qtr	2 386.2	1 444.6	1 896.6	400.0	1 608.5	109.7	478.4	50.9	8 374.9
			CONSTR	UCTION	WORK D	ONE			
2002-03	23 447.6	19 144.2	15 641.4	4 358.6	9 528.5	917.4	1 740.9	1 237.8	76 052.8
2003-04	25 031.8	20 293.1	16 926.8	4 649.4	9 673.4	1 196.2	2 020.9	1 188.7	80 981.5
2004-05	24 955.0	21 058.3	18 654.5	5 059.8	10 545.3	1 349.8	2 100.8	1 161.8	84 885.3
2004									
Jun Qtr	6 367.2	5 400.0	4 496.4	1 221.8	2 485.0	354.3	502.4	310.5	21 128.9
Sep Qtr	6 256.8	5 123.1	4 715.1	1 222.2	2 567.4	320.0	433.2	302.7	20 940.5
Dec Qtr	6 321.1	5 464.0	4 798.0	1 324.2	2 681.6	318.6	512.7	266.8	21 687.0
2005									
Mar Qtr	5 689.5	4 846.6	4 309.6	1 132.6	2 640.9	326.8	520.3	264.0	19 730.3
Jun Qtr	6 687.6	5 624.6	4 831.8	1 380.8	2 655.4	384.5	634.6	328.2	22 527.5
Sep Qtr	6 433.6	5 711.8	5 099.5	1 229.2	2 986.6	339.7	601.3	324.7	22 726.4

<sup>(</sup>a) Chain volume measures, reference year 2003–04. See paragraphs 25–28 of the Explanatory Notes.



CONSTRUCTION WORK DONE, States and territories—Chain volume measures—Change from previous period(a): Original

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	
Period	%	%	%	%	%	%	%	%	%	
BUILDING WORK DONE										
2002-03	17.9	13.2	11.5	14.8	14.1	10.7	-1.2	27.8	14.7	
2003-04	2.1	3.6	15.8	13.2	2.3	31.6	6.2	-4.5	6.0	
2004–05	-6.2	0.5	5.4	10.8	5.7	10.7	17.3	-2.2	0.6	
2004										
Jun Qtr	2.5	11.3	11.3	4.8	-2.4	10.8	11.6	15.0	6.9	
Sep Qtr	0.2	-2.6	5.2	5.5	6.7	-3.2	2.0	-4.8	1.2	
Dec Qtr <b>2005</b>	-1.5	3.9	0.4	5.6	0.7	7.1	14.2	-8.6	1.2	
Mar Otr	-13.9	-18.3	-12.5	-13.1	0.2	-14.0	3.2	3.1	-13.2	
Jun Otr	11.8	-18.5 19.5	13.8	20.9	1.4	38.3	10.3	22.3	-13.2 14.4	
Sep Qtr	0.4	6.7	3.6	-4.4	7.4	-2.1	-7.2	3.2	3.2	
och du	0.4	0.7	0.0	7.7	1	2.1	1.2	0.2	0.2	
• • • • • • • •	• • • • •						• • • • •	• • • • • •	• • • • •	
		EN	GINEE	RING \	WORK	DONE				
2002-03	12.2	21.9	16.7	22.0	48.6	-22.6	6.1	18.8	20.1	
2003-04	17.8	13.9	-4.0	-2.5	0.6	28.1	18.8	-2.9	7.5	
2004-05	12.6	13.8	20.2	5.7	12.3	16.0	0.7	-2.5	13.1	
2004										
Jun Qtr	6.5	6.8	26.0	20.3	13.5	28.9	8.7	13.0	12.9	
Sep Qtr	-5.3	-12.7	4.6	-8.4	0.5	-16.8	-17.7	5.7	-4.6	
Dec Qtr	6.4	15.7	4.3	13.2	8.0	-10.7	19.6	-22.2	8.2	
2005										
Mar Qtr	-2.3	9.6	-6.0	-16.7	-3.0	29.5	1.0	-16.4	-1.5	
Jun Qtr	27.4	8.4	9.2	23.7	-0.3	-4.7	25.5	33.4	13.9	
Sep Qtr	-10.1	-11.1	9.0	-22.0	17.2	-26.7	-4.7	-18.9	-2.9	
						• • • • • •			• • • • •	
		CON	ISTRU(	CTION	WORK	DONE				
2002-03	16.2	15.2	13.5	17.8	30.0	-6.0	4.5	25.7	16.5	
2003–04	6.8	6.0	8.2	6.7	1.5	30.4	16.1	-4.0	6.5	
2004–05	-0.3	3.8	10.2	8.8	9.0	12.8	4.0	-2.3	4.8	
2004										
Jun Qtr	3.9	10.1	16.2	10.5	5.6	18.6	9.2	14.6	8.9	
Sep Qtr	-1.7	-5.1	4.9	_	3.3	-9.7	-13.8	-2.5	-0.9	
Dec Qtr	1.0	6.7	1.8	8.3	4.4	-0.4	18.4	-11.9	3.6	
2005	40.0	44.0	40.0	445	4 5	0.0	4 5	4.0	0.0	
Mar Qtr	-10.0	-11.3	-10.2 12.1	-14.5	-1.5 0.5	2.6	1.5	-1.0	-9.0	
Jun Qtr Sep Otr	17.5 –3.8	16.1 1.6	5.5	21.9 -11.0	0.5 12.5	17.7 -11.7	22.0 -5.2	24.3 -1.1	14.2 0.9	
Sep Qti	-3.8	1.0	5.5	-11.0	12.3	-11.7	-5.2	-1.1	0.9	

nil or rounded to zero (including null cells)

<sup>(</sup>a) Chain volume measures, reference year 2003–04. See paragraphs 25–28 of the Explanatory

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	
• • • • • • • •	• • • • • • • •	• • • • • • •				_	• • • • • •	• • • • • • •	• • • • • • •	
BUILDING WORK DONE										
2002-03	15 594.8	14 050.0	8 881.5	2 436.5	4 335.0	504.2	366.3	915.8	47 084.2	
2003–04 2004–05	17 143.6 17 390.2	15 309.8 16 281.2	11 386.8 13 158.1	2 884.6 3 350.5	4 792.8 5 617.4	710.7 857.3	401.1 519.4	943.9 975.8	53 573.3 58 150.2	
2004-03	17 550.2	10 201.2	13 130.1	3 330.3	3 017.4	657.5	515.4	313.6	30 130.2	
Jun Qtr	4 394.1	4 122.2	3 050.0	757.5	1 211.5	195.3	101.8	246.0	14 078.5	
Sep Qtr	4 480.0	4 094.9	3 284.5	803.4	1 323.6	193.2	106.9	235.9	14 522.2	
Dec Qtr <b>2005</b>	4 497.2	4 323.1	3 362.9	857.2	1 375.0	212.9	125.9	218.1	14 972.3	
Mar Otr	3 942.8	3 572.4	3 010.1	758.9	1 425.6	188.4	133.7	231.6	13 263.5	
Jun Otr	4 470.2	4 290.8	3 500.6	931.0	1 493.4	262.9	153.0	290.3	15 392.2	
Sep Qtr	4 508.4	4 603.6	3 684.6	900.5	1 654.5	261.3	146.6	304.4	16 063.9	
• • • • • • • •	• • • • • • •	• • • • • • •				• • • • • • •			• • • • • • •	
ENGINEERING WORK DONE										
2002-03	6 483.7	4 244.3	5 558.8	1 766.4	4 735.3	364.0	1 331.6	244.7	24 728.8	
2003-04	7 888.2	4 983.3	5 539.9	1 764.7	4 880.6	485.5	1 619.8	244.9	27 407.0	
2004–05	9 333.5	5 904.7	7 042.0	1 965.1	5 781.0	596.2	1 731.1	247.3	32 600.9	
<b>2004</b> Jun Otr	2 153.3	1 370.7	1 590.4	487.1	1 331.9	166.0	413.5	69.4	7 582.4	
Sep Qtr	2 066.3	1 209.0	1 684.4	452.8	1 354.9	139.7	344.4	74.1	7 325.6	
Dec Qtr	2 222.5	1 415.7	1 776.9	520.7	1 484.4	126.4	416.9	58.1	8 021.6	
2005										
Mar Qtr	2 198.8	1 566.2	1 696.9	439.1	1 464.3	167.5	428.3	48.8	8 010.0	
Jun Qtr	2 845.9	1 713.8	1 883.8	552.4	1 477.4	162.7	541.4	66.3	9 243.7	
Sep Qtr	2 577.1	1 544.6	2 075.8	435.8	1 747.9	120.9	517.2	54.1	9 073.5	
• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	
			CONSTR	UCTION	WORK D	ONE				
2002–03	22 078.5	18 294.3	14 440.4	4 203.0	9 070.3	868.2	1 697.9	1 160.4	71 812.9	
2003-04	25 031.8	20 293.1	16 926.8	4 649.4	9 673.4	1 196.2	2 020.9	1 188.7	80 980.3	
2004–05 2004	26 723.7	22 185.9	20 200.1	5 315.6	11 398.4	1 453.6	2 250.5	1 223.1	90 751.1	
Jun Qtr	6 547.4	5 493.0	4 640.4	1 244.6	2 543.5	361.3	515.3	315.4	21 660.8	
Sep Qtr	6 546.3	5 303.9	4 968.9	1 256.3	2 678.4	332.8	451.3	310.0	21 847.9	
Dec Qtr	6 719.7	5 738.8	5 139.8	1 377.9	2 859.4	339.2	542.8	276.2	22 993.9	
<b>2005</b> Mar Otr	6 141.6	5 138.6	4 707.0	1 198.0	2 889.9	355.9	562.0	280.4	21 273.4	
Jun Otr	7 316.1	6 004.5	5 384.4	1 483.4	2 970.8	425.6	694.4	356.6	24 635.9	
Sep Qtr	7 085.5	6 148.2	5 760.5	1 336.3	3 402.4	382.2	663.8	358.4	25 137.4	



# CONSTRUCTION WORK DONE, States and territories—Current prices—Change from previous period: Original

Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	
• • • • • • • •	• • • • •	• • • • •		• • • • •		• • • • •	• • • •	• • • • •	• • • • •	
BUILDING WORK DONE										
2002-03	22.0	16.5	18.3	19.9	17.6	17.5	2.3	34.4	19.1	
2003–04	9.9	9.0	28.2	18.4	10.6	41.0	9.5	3.1	13.8	
2004–05 2004	1.4	6.3	15.6	16.2	17.2	20.6	29.5	3.4	8.5	
Jun Qtr	4.9	13.2	14.2	6.1	-0.4	12.8	13.8	15.9	9.1	
Sep Qtr	2.0	-0.7	7.7	6.1	9.2	-1.1	4.9	-4.1	3.2	
Dec Qtr	0.4	5.6	2.4	6.7	3.9	10.2	17.8	-7.5	3.1	
2005										
Mar Qtr	-12.3	-17.4	-10.5	-11.5	3.7	-11.5	6.2	6.2	-11.4	
Jun Qtr	13.4	20.1	16.3	22.7	4.8	39.6	14.5	25.4	16.0	
Sep Qtr	0.9	7.3	5.3	-3.3	10.8	-0.6	-4.2	4.9	4.4	
		ENG	GINEE	RING V	VORK	DONE				
2002-03	15.8	25.2	20.1	24.6	51.8	-19.8	8.5	22.4	23.5	
2003-04	21.7	17.4	-0.3	-0.1	3.1	33.4	21.6	0.1	10.8	
2004–05	18.3	18.5	27.1	11.4	18.4	22.8	6.9	1.0	19.0	
2004										
Jun Qtr	7.8	8.0	28.8	22.2	15.9	31.3	12.3	14.5	14.8	
Sep Qtr	-4.0	-11.8	5.9	-7.0	1.7	-15.9	-16.7	6.7	-3.4	
Dec Qtr	7.6	17.1	5.5	15.0	9.6	-9.5	21.1	-21.6	9.5	
2005	1 1	10.6	-4.5	15.7	-1.4	20.6	2.7	-16.0	-0.1	
Mar Qtr Jun Qtr	-1.1 29.4	9.4	-4.5 11.0	-15.7 25.8	0.9	32.6 -2.9	26.4	35.8	-0.1 15.4	
Sep Qtr	-9.4	-9.9	10.2	-21.1	18.3	-25.7	-4.5	-18.4	-1.8	
Sep Qu	-5.4	-9.9	10.2	-21.1	10.5	-25.1	-4.5	-10.4	-1.0	
• • • • • • •	• • • • •	CON	STRUC	CTION	WORK	DONE	• • • • •	• • • • •	• • • • •	
2002-03	20.1	18.4	19.0	21.8	33.3	-1.7	7.1	31.7	20.5	
2002-03	13.4	10.4	17.2	10.6	6.6	37.8	19.0	2.4	12.8	
2004-05	6.8	9.3	19.3	14.3	17.8	21.5	11.4	2.9	12.1	
2004										
Jun Qtr	5.9	11.8	18.8	11.8	7.5	20.6	12.6	15.6	11.0	
Sep Qtr	_	-3.4	7.1	0.9	5.3	-7.9	-12.4	-1.7	0.9	
Dec Qtr	2.6	8.2	3.4	9.7	6.8	1.9	20.3	-10.9	5.2	
2005										
Mar Qtr	-8.6	-10.5	-8.4	-13.1	1.1	4.9	3.5	1.5	-7.5	
Jun Qtr	19.1	16.9	14.4	23.8	2.8	19.6	23.6	27.2	15.8	
Sep Qtr	-3.2	2.4	7.0	-9.9	14.5	-10.2	-4.4	0.5	2.0	

nil or rounded to zero (including null cells)



	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •			
			ORI	GINAL				
2002-03	23 447.6	19 144.2	15 641.4	4 358.6	9 528.5	917.4	1 740.9	1 237.8
2003-04	25 031.8	20 293.1	16 926.8	4 649.4	9 673.4	1 196.2	2 020.9	1 188.7
2004–05	24 955.0	21 058.3	18 654.5	5 059.8	10 545.3	1 349.8	2 100.8	1 161.8
2004								
Jun Qtr	6 367.2	5 400.0	4 496.4	1 221.8	2 485.0	354.3	502.4	310.5
Sep Qtr	6 256.8	5 123.1	4 715.1	1 222.2	2 567.4	320.0	433.2	302.7
Dec Qtr	6 321.1	5 464.0	4 798.0	1 324.2	2 681.6	318.6	512.7	266.8
2005								
Mar Qtr	5 689.5	4 846.6	4 309.6	1 132.6	2 640.9	326.8	520.3	264.0
Jun Qtr	6 687.6	5 624.6	4 831.8	1 380.8	2 655.4	384.5	634.6	328.2
Sep Qtr	6 433.6	5 711.8	5 099.5	1 229.2	2 986.6	339.7	601.3	324.7
		S	EASONAL	LY ADJU	STED			
		· ·			0.25			
2004								
Jun Qtr	6 181.2	5 244.2	4 451.1	1 180.7	2 468.5	332.1	502.4	294.5
Sep Qtr	6 311.2	5 072.4	4 572.9	1 257.0	2 525.2	343.6	412.0	305.7
Dec Qtr	6 070.4	5 389.7	4 591.3	1 257.2	2 605.5	309.3	479.3	262.3
2005								
Mar Qtr	6 085.1	5 130.2	4 703.6	1 235.8	2 772.7	338.0	614.7	282.9
Jun Qtr	6 488.3	5 466.1	4 786.7	1 309.8	2 641.9	359.0	594.8	310.8
Sep Qtr	6 484.2	5 667.7	4 928.9	1 252.9	2 944.6	357.0	578.0	326.4
			• • • • • • •		• • • • • • •			
			TF	REND				
2004								
Jun Qtr	6 318.6	5 205.0	4 442.8	1 198.1	2 473.4	330.5	472.0	295.5
Sep Qtr	6 196.7	5 203.0	4 524.4	1 232.1	2 547.0	329.8	457.9	287.0
Dec Qtr	6 126.4	5 212.3	4 625.0	1 255.1	2 613.2	329.1	498.4	280.5
2005								
Mar Qtr	6 208.6	5 298.9	4 700.7	1 265.9	2 690.0	336.5	562.9	286.6
Jun Qtr	6 350.8	5 439.1	4 800.7	1 271.2	2 769.7	349.9	598.8	304.3
Sep Qtr	6 506.1	5 574.9	4 894.8	1 274.5	2 848.5	360.3	598.9	319.7

<sup>(</sup>a) Reference year for Chain Volume Measures is 2003–04. See paragraphs 25–28 of the Explanatory Notes.



 ${\tt CONSTRUCTION\ WORK\ DONE,\ States\ and\ Territories-Chain\ volume\ measures-Change}$ from previous period(a)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Period	%	%	%	%	%	%	%	%
• • • • • • •	• • • • •	• • • • •	0.00	GINAL	• • • • •	• • • • •	• • • • •	• • • • •
			URI	GINAL				
2002-03	16.2	15.2	13.5	17.8	30.0	-6.0	4.5	25.7
2003-04	6.8	6.0	8.2	6.7	1.5	30.4	16.1	-4.0
2004–05	-0.3	3.8	10.2	8.8	9.0	12.8	4.0	-2.3
2004								
Jun Qtr	3.9	10.1	16.2	10.5	5.6	18.6	9.2	14.6
Sep Qtr	-1.7	-5.1	4.9	_	3.3	-9.7	-13.8	-2.5
Dec Qtr	1.0	6.7	1.8	8.3	4.4	-0.4	18.4	-11.9
2005	10.0	11.0	10.0	445	4.5	0.0	4 -	4.0
Mar Qtr Jun Qtr	-10.0	-11.3	-10.2 12.1	-14.5	-1.5	2.6	1.5	-1.0
Sep Qtr	17.5 –3.8	16.1 1.6	5.5	21.9 -11.0	0.5 12.5	17.7 -11.7	22.0 -5.2	24.3 -1.1
Sep Qu	-3.6	1.0	5.5	-11.0	12.5	-11.7	-5.2	-1.1
•••••								
		SEAS	SONAL	LY AD	JUSTE	D		
2004								
Jun Qtr	-5.0	1.3	5.9	1.3	_	6.3	-5.5	1.8
Sep Qtr	2.1	-3.3	2.7	6.5	2.3	3.5	-18.0	3.8
Dec Qtr	-3.8	6.3	0.4	_	3.2	-10.0	16.3	-14.2
2005								
Mar Qtr	0.2	-4.8	2.4	-1.7	6.4	9.3	28.3	7.8
Jun Qtr	6.6	6.5	1.8	6.0	-4.7	6.2	-3.2	9.9
Sep Qtr	-0.1	3.7	3.0	-4.3	11.5	-0.6	-2.8	5.0
			TF	REND				
2004								
Jun Qtr	-0.5	1.0	2.2	3.0	2.2	3.8	-7.5	-0.6
Sep Qtr	-1.9	_	1.8	2.8	3.0	-0.2	-3.0	-2.9
Dec Qtr	-1.1	0.2	2.2	1.9	2.6	-0.2	8.8	-2.3
2005								
Mar Qtr	1.3	1.7	1.6	0.9	2.9	2.2	13.0	2.2
Jun Qtr	2.3	2.6	2.1	0.4	3.0	4.0	6.4	6.2
Sep Qtr	2.4	2.5	2.0	0.3	2.8	3.0	_	5.0

nil or rounded to zero (including null cells)

<sup>(</sup>a) Reference year for Chain Volume Measures is 2003–04. See paragraphs 25–28 of the Explanatory Notes.

				Alterations			
		New other	New	and additions	Total		<b>.</b>
	New houses	residential building	residential building	to residential building	residential building	Non-residential building	Total building
	1100363	bulluling	building	bulluling	bulluling	bulluling	bulluling
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • •	• • • • • •	• • • • • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • • •	• • • • • • • •
		WORK YET	TO BE DO	NE AT END	OF QUARTE	ER (a)	
2004							
Jun Qtr	6 354	7 004	13 357	1 458	14 815	8 858	23 673
Sep Qtr	6 585	6 853	13 438	1 492	14 931	9 070	24 001
Dec Qtr	6 557	6 854	13 411	1 391	14 802	6 990	21 792
2005							
Mar Qtr	6 466	6 742	13 208	1 557	14 765	10 078	24 843
Jun Qtr	6 664	6 457	13 121	1 470	14 591	10 195	24 786
Sep Qtr	6 823	6 541	13 363	1 432	14 795	10 044	24 839
\	WORK AF	PROVED BUT	T NOT YET	COMMENCE	D AT FND	OF QUARTER(	a)
•				00202		o.	.,
2004							
Jun Qtr	2 545	1 755	4 300	852	5 151	1 479	6 630
Sep Qtr	2 652	2 053	4 705	898	5 603	1 668	7 270
Dec Qtr	2 614	1 697	4 310	995	5 306	1 571	6 876
2005							
Mar Qtr	2 772	1 954	4 726	925	5 650	1 606	7 257
Jun Qtr	2 702	2 140	4 842	924	5 767	1 536	7 302
Sep Qtr	2 704	1 918	4 621	941	5 562	1 524	7 085
		WORK IN T	HE PIPEL	INE AT END	OF QUARTE	ER (a)	
2004							
Jun Qtr	8 899	8 759	17 657	2 310	19 967	10 337	30 303
Sep Qtr	9 237	8 906	18 143	2 391	20 533	10 738	31 271
Dec Qtr	9 171	8 550	17 721	2 386	20 107	8 561	28 668
2005							
Mar Qtr	9 238	8 696	17 934	2 482	20 415	11 684	32 099
Jun Qtr	9 367	8 597	17 964	2 394	20 358	11 730	32 088
Sep Qtr	9 527	8 458	17 985	2 372	20 357	11 567	31 924

<sup>(</sup>a) See Glossary for definitions.



# NUMBER OF DWELLINGS APPROVED BUT NOT YET COMMENCED AT END OF QTR, States and territories—Original

						Tas., NT	
Period	NSW	Vic.	Qld	SA	WA	& ACT	Aust.
				• • • • • • •			
			NEW HO	USES			
2004							
Jun Qtr	4 946	2 609	1 678	1 601	2 427	430	13 691
Sep Qtr	4 722	3 577	1 494	1 930	2 179	506	14 408
Dec Qtr	4 170	3 302	1 774	1 904	2 253	452	13 855
2005							
Mar Qtr	4 514	3 419	1 515	1 931	2 596	363	14 339
Jun Qtr	4 135	3 154	1 561	1 636	2 750	409	13 645
Sep Qtr	4 876	3 240	1 139	1 423	2 297	387	13 362
	1	NEW OTHER	R RESIDE	ENTIAL B	UILDING	ì	
2004							
Jun Qtr	5 570	2 570	1 026	671	369	296	10 502
Sep Qtr	5 935	2 500	1 514	885	493	271	11 597
Dec Qtr	5 036	2 090	1 388	615	485	272	9 886
2005							
Mar Qtr	5 916	1 778	1 353	932	470	578	11 028
Jun Qtr	6 192	1 632	1 717	874	449	269	11 132
Sep Qtr	5 840	1 210	1 492	901	480	254	10 177
						• • • • • • • •	
		TOT	TAL DWE	LLINGS (a)	1		
2004							
Jun Qtr	10 884	5 379	2 708	2 418	2 803	729	24 921
Sep Qtr	10 921	6 236	3 013	2 938	2 674	779	26 561
Dec Qtr	9 423	5 569	3 177	2 675	2 743	725	24 311
2005							
Mar Qtr	10 840	5 306	2 887	3 006	3 071	944	26 054
Jun Qtr	10 553	4 842	3 298	2 568	3 203	680	25 145
Sep Qtr	10 939	4 510	2 648	2 402	2 783	648	23 929

<sup>(</sup>a) Includes Conversions etc.

### **EXPLANATORY NOTES**

INTRODUCTION

**1** This publication contains preliminary estimates of building and engineering construction work done during the current quarter and revised estimates for the previous two quarters. The estimates of building work done and engineering work done are from the quarterly Building Activity Survey and the quarterly Engineering Construction Survey respectively. Estimates of work done are based upon a response from each survey of approximately 80% of the value of work done during the current quarter. More comprehensive and updated results will be available shortly in *Building Activity, Australia* (cat. no. 8752.0) and *Engineering Construction Activity, Australia* (cat. no. 8762.0).

SCOPE AND COVERAGE

STATISTICAL UNIT

- **2** The scope of the Building Activity Survey is building activity which includes construction of new buildings and alterations and additions to existing buildings.
- **3** The building statistics were compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. From the September quarter 2005, the quarterly survey consists of:
  - a sample survey of private sector building jobs involving residential building jobs valued at \$50,000 or more and non-residential building jobs valued at \$250,000 or more
  - a complete enumeration of all such public sector building jobs
  - statistical estimates based on building approvals for residential building jobs valued at \$10,000 or more but less than \$50,000, and non-residential building jobs valued at \$50,000 or more but less than \$250,000.
- **4** The scope of the Engineering Construction Survey is the value of all engineering construction work undertaken in Australia. Where projects include elements of both building and engineering construction every effort is taken to exclude the building component from the engineering construction statistics.

- **5** In the Engineering Construction Survey, 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 Australian Taxation Office (ATO) administered Australian Business Register. This unit is suitable for Australian Bureau of Statistics statistical needs when the business is simple in structure. For more significant and diverse businesses where the ABN unit is not suitable for Australian Bureau of Statistics 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.
- **6** Further details about the ABS economic statistical units used in the Engineering Construction 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) 2002* (cat. no. 1218.0).
- RELATIONSHIP WITH NATIONAL ACCOUNTS
- **7** Data on the value of work done on the construction of new residential buildings, alterations and additions to residential buildings, private sector non-residential buildings and the value of engineering construction activity are the major sources of data which are used to compile the national accounts estimates for private gross fixed capital formation on dwellings, and other buildings and structures. However, there are some

### **EXPLANATORY NOTES** continued

RELATIONSHIP WITH
NATIONAL ACCOUNTS continued

adjustments to the survey data which are made in the process of compiling these national accounts series. Allowances are made for the value of activity which is out of scope of the Building Activity Survey and the Engineering Construction Survey. Such activity includes work done on projects which fall below the size cut-offs used for the Building Activity survey and also the value of building work done which is undertaken without obtaining a building permit, either because such a permit is not required or because the requisite permit is not obtained. The national accounts estimates also make allowances for purchases (less sales) of buildings and other structures from (to) the public sector.

TREATMENT OF THE GST

- **8** Statistics on the value of work (current prices) show residential building work done on a GST inclusive basis and non-residential work and engineering construction work done on a GST exclusive basis. This approach is consistent with that adopted in the Australian National Accounts which is based on the conceptual framework described in the 1993 edition of the international statistical standard System of National Accounts (SNA93).
- **9** SNA93 requires value added taxes (VAT), such as the GST, to be recorded on a net basis where:
  - (a) both outputs of goods and services and imports are valued excluding invoiced VAT
  - (b) purchases of goods and services are recorded including non-deductible VAT.
- 10 Under the net system, VAT is recorded as being payable by purchasers, not sellers, and then only by those purchasers who are not able to deduct it. Almost all VAT is therefore recorded in the SNA93 as being paid on final uses mainly on household consumption. Small amounts of VAT, may however, be paid by businesses in respect of certain kinds of purchases on which VAT may not be deductible.
- **11** The ABS records value of work done inclusive of GST in respect of residential construction and exclusive of GST in respect of non-residential construction and engineering construction. Purchasers of residential structures are unable to deduct GST from the purchase price. For non-residential structures and engineering construction, the reverse is true in most circumstances.
- 12 Total construction work is derived by adding total building work and total engineering construction work. To derive total building activity it is appropriate to add the residential and non-residential components. Valuation of the components of the total is consistent, since, for both components, the value of work done is recorded inclusive of non-deductible GST paid by the purchaser. As such, total building activity and total construction includes the non-deductible GST payable on residential building.
- **13** As estimates for engineering work are provided on a GST exclusive basis, and the majority of construction materials used were exempt from Wholesale Sales Tax, the introduction of the GST had little direct effect on the estimates of engineering construction.
- **14** *Ownership.* The ownership of a building is classified as either *private sector* or *public sector*, according to the sector of the intended owner of the completed building as evident at the time of approval. Engineering projects are classified as either *private sector* or *public sector* according to the expected ownership of the project at the time of completion.
- **15** Building jobs are classified both by the Type of Building (e.g. 'residential', 'non-residential') and by the Type of Work involved (e.g. 'new' and 'alterations and additions'). These classifications are used in conjunction with each other and are defined in the Glossary.

CLASSIFICATION

RELIABILITY OF THE ESTIMATES

- **16** The estimates of engineering activity are based on a sample survey as are the estimates of private sector building activity. A complete enumeration of public sector building activity is done. Because data are not collected for all engineering jobs nor for all building jobs, the published estimates are subject to sampling variability. Relative standard errors give a measure of this variability and therefore indicate the degree of confidence that can be attached to the data.
- **17** Relative standard errors for the value of work done in the September quarter 2005 are given below. There is 67% confidence that the actual value would be within one standard error of the sample estimate, and 95% confidence that it lies within two standard errors.

Australia	%
New private residential building	0.8
Total private residential building	0.7
Private non-residential building	0.7
Total private building	0.5
Total residential building	0.7
Total non-residential building	0.6
Total building	0.5
Engineering for the private sector	2.6
Total engineering	1.7
• • • • • • • • • • • • • • • • • • • •	• • •

	Total building	Total engineering
States and	bulluling	engineening
territories	%	%
NSW	0.9	2.5
Vic.	1.0	5.0
Qld	1.1	3.4
SA	1.0	4.7
WA	1.2	5.0
Tas.	1.0	6.6
NT	0.8	2.0
ACT	1.9	2.9

SEASONAL ADJUSTMENT

- **18** In the seasonally adjusted series, account has been taken of normal seasonal factors, 'trading day' effects arising from the varying numbers of working days in a quarter and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters.
- **19** Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual quarter-to-quarter movements.
- 20 From the June quarter 2003, the seasonally adjusted estimates are produced by the concurrent seasonal adjustment method which takes account of the latest available original estimates. The concurrent seasonal adjustment methodology replaces the forward factor methodology previously used, when seasonal factors were only revised following an annual re-analysis. The concurrent method improves the estimation of seasonal factors and, therefore, the seasonally adjusted and trend estimates for the current and previous quarters. As a result, revisions to the seasonally adjusted and trend estimates will be observed for recent periods. In most instances, the only noticeable revisions will be to the previous quarter and the same quarter of a year earlier.

### **EXPLANATORY NOTES** continued

SEASONAL ADJUSTMENT continued

TREND ESTIMATES

- **21** A more detailed review of concurrent seasonal factors will be conducted annually, generally prior to the release of data for the December quarter.
- **22** Seasonally adjusted series can be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate.
- 23 The trend estimates are derived by applying a 7-term Henderson moving average to the seasonally adjusted series. The 7-term Henderson average (like all Henderson averages) is symmetric but, as the end of a time series is approached, asymmetric forms of the average are applied. Unlike weights of the standard 7-term Henderson moving average, the weights employed here have been tailored to suit the particular characteristics of individual series.
- 24 While the smoothing technique described in paragraphs 22 and 23 enables trend estimates to be produced for recent quarters, it does result in revisions to the estimates for the most recent three quarters as additional observations become available. There may also be revisions because of changes in the original data. For further information, see *Information Paper: A Guide to Interpreting Time Series—Monitoring Trends, 2003* (cat. no. 1349.0) or contact the Assistant Director, Time Series Analysis on Canberra (02) 6252 6540 or email <timeseries@abs.gov.au>.

CHAIN VOLUME MEASURES

- **25** Chain volume estimates of the value of work done are presented in original, seasonally adjusted and trend terms.
- 26 While current price estimates of value of work done reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from chain volume estimates. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and new other building components, and the new engineering construction component, of the national accounts aggregate 'Gross fixed capital formation'.
- 27 The chain volume measures of work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 2003–04). The reference year is updated annually in the June quarter publication. Each year's data in the value of work done series are based on the prices of the previous year, except for the quarters of the latest incomplete year which are based upon the current reference year (i.e. 2003–04). Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the ABS Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (cat. no. 5248.0).
- **28** The factors used to seasonally adjust the chain volume series are identical to those used to adjust the corresponding current price series.
- **29** 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 *Census and Statistics Act 1905*.

RELATED PRODUCTS

ACKNOWLEDGMENT

**30** All tables in this publication, plus some additional state and territory series are available in electronic form on the ABS web site <a href="http://www.abs.gov.au">http://www.abs.gov.au</a>.

### **EXPLANATORY NOTES** continued

### RELATED PRODUCTS continued

**31** Users may also wish to refer to the following publications:

Building Activity, Australia, cat. no. 8752.0

Building Approvals, Australia, cat. no. 8731.0

Dwelling Unit Commencements, Australia, Preliminary, cat. no. 8750.0

Engineering Construction Activity, Australia, cat. no. 8762.0

House Price Indexes: Eight Capital Cities, cat. no. 6416.0

Housing Finance for Owner Occupation, Australia, cat. no. 5609.0

Private Sector Construction Industry, Australia, 1996–97, cat. no. 8772.0

Producer Price Indexes, Australia, cat. no. 6427.0.

**32** Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from the National Information and Referral Service on 1300 135 070 or the ABS web site <a href="http://www.abs.gov.au">http://www.abs.gov.au</a>. 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

**33** As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to the National Information and Referral Service on 1300 135 070.

#### ABBREVIATIONS

\$m million dollars

ABN Australian Business Number

ABS Australian Bureau of Statistics

ACT Australian Capital Territory

ANZSIC Australian and New Zealand Standard Industrial Classification

ATO Australian Taxation Office

Aust. Australia

GST goods and services tax

NSW New South Wales

NT Northern Territory

qtr quarter

Qld Queensland

SA South Australia

Tas. Tasmania

TAU type of activity unit

VAT value added tax

Vic. Victoria

WA Western Australia

# APPENDIX LIST OF ELECTRONIC TABLES

ELECTRONIC TABLES

The following tables are available electronically via the ABS web site <a href="http://www.abs.gov.au">http://www.abs.gov.au</a> and AusStats.

## WORK DONE

	Publication table no.	Electronic table no.
Construction work done, chain volume measures	1	1
Construction work done, chain volume measures, change from previous period	2	n.a.
Construction work done, current prices	3	2
Construction work done, current prices, change from previous period	4	n.a.
Value of building work done, chain volume measures	5	3
Value of building work done, chain volume measures, states and territories, original	5	4
Value of building work done, chain volume measures, states and territories, seasonally adjusted	5	5
Value of building work done, chain volume measures, change from previous period	6	n.a.
Value of building work done, current prices, Australia	7	6
Value of building work done, current prices, states and territories	7	7
Value of building work done, current prices, change from previous period	8	n.a.
Construction work done, states and territories, chain volume measures	9	8
Construction work done, states and territories, chain volume measures, change from previous period	10	n.a.
Construction work done, states and territories, current prices, original	11	9
Construction work done, states and territories, current prices, original, change from previous period	12	n.a.
Construction work done, states and territories, chain volume measures	13	10
Construction work done, states and territories, chain volume measures, change from previous period	14	n.a.
Work in the pipeline, Australia, current prices, original	15	11
Work in the pipeline, states and territories, current prices, original	15	12
Number of dwellings approved but not yet commenced, states and territories, original	16	13

### GLOSSARY

Alterations and additions

Building activity carried out on existing buildings. Includes adding to or diminishing floor area, altering the structural design of a building and affixing rigid components which are integral to the functioning of the building.

Alterations and additions to residential buildings

Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units.

Building

A building is a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design, to satisfy its intended use, is the provision for regular access by persons.

Construction work done

The sum of building work done and engineering construction work done.

Dwelling unit

A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Units (whether self-contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in non-residential building.

House

A house is a detached building predominantly used for long-term residential purposes and consisting of only one dwelling unit. Thus, detached 'granny flats' and detached dwelling units (such as caretakers' residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.

New

Building activity which will result in the creation of a building which previously did not exist

Non-residential building

A non-residential building is primarily intended for purposes other than long term residential purposes.

Other residential building

An other residential building is a building other than a house primarily used for long-term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes blocks of flats, attached townhouses, duplexes, apartment buildings, etc.).

Residential building

A residential building is a building predominantly consisting of one or more dwelling units. Residential buildings can be either *houses* or *other residential buildings*.

Value of building and engineering work done during the period

Represents the estimated value of work carried out during the quarter on jobs which have commenced.

Value of building work done

Includes the costs of materials fixed in place, labour, and architects fees. It excludes the value of land and landscaping and non-building components such as fencing, paving, roadworks, tennis courts, outdoor pools and car parks.

Value of engineering work done

The value of engineering work done for the private sector consists of the value of work done on prime contracts, plus speculative contracts, plus work done on own account. The value of engineering work done for the public sector is the work done by the organisation's own workforce and subcontractors. In each case, the value excludes the cost of land and repair and maintenance activity, as well as the value of any transfers of existing assets, the value of installed machinery and equipment not integral to the structure and the expenses for relocation of utility services. However, a contract for the installation of machinery and equipment which is an integral part of a construction project is included.

Work approved but not yet commenced

The anticipated completion value of the project, or if that is not known, the approval value. For residential building, 'work approved but not yet commenced' also provides a measure of the number of dwellings that have been approved, but have not commenced by the end of the reference period.

## **GLOSSARY** continued

Work in the pipeline

Value of building work that has been approved, but as yet, has not been undertaken. Work in the pipeline has two components. Firstly, there is an estimate of the amount of building work still to be done on projects that have already commenced, 'work yet to be done'. The second component is the building work that has been approved, but had not commenced by the end of the reference period, 'work approved but not yet commenced'. Information on 'work in the pipeline' is available from the June quarter 2003.

Work yet to be done

The difference between the anticipated completion value of the project and the estimated value of work already done up to the end of the reference period for jobs which have commenced.

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