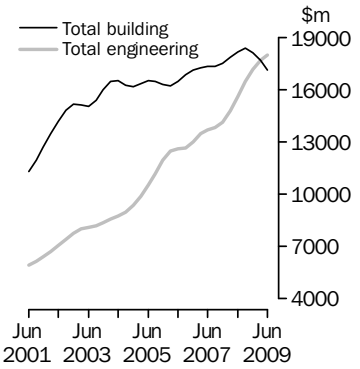
Australian Bureau of Statistics

CONSTRUCTION WORK DONE

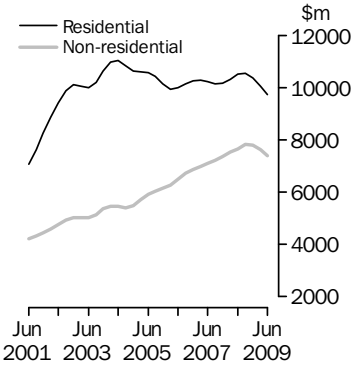
AUSTRALIA
PRELIMINARY

EMBARGO: 11.30AM (CANBERRA TIME) WED 26 AUG 2009

Value of construction work done
Chain volume measures
Trend estimates



Value of building work done
Chain volume measures
Trend estimates



KEY FIGURES

	Jun qtr 09 $m	Mar qtr 09 to Jun qtr 09 % change	Jun qtr 08 to Jun qtr 09 % change
TREND ESTIMATES (a)			
Value of work done			
Building	17 118.2	–3.1	–5.7
Residential	9 734.7	–3.2	–7.3
Non-residential	7 393.6	–2.9	–3.4
Engineering	17 972.7	1.6	15.1
Total construction	**35 117.2**	**–0.7**	**4.0**
SEASONALLY ADJUSTED ESTIMATES (a)			
Value of work done			
Building	16 828.3	–5.7	–8.5
Residential	9 720.6	–2.6	–7.6
Non-residential	7 107.7	–9.5	–9.8
Engineering	18 203.0	5.7	22.7
Total construction	**35 031.3**	**–0.1**	**5.4**

(a) Chain volume measures, reference year 2006–07.

KEY POINTS

VALUE OF WORK DONE, CHAIN VOLUME MEASURES

TOTAL CONSTRUCTION

- The trend estimate for total construction work done fell 0.7% in the June quarter 2009.
- The seasonally adjusted estimate for total construction work done fell 0.1%, to $35,031.3m, in the June quarter, following a revised fall of 2.2% in the March quarter.

BUILDING

- The trend estimate for building work done fell 3.1% in the June quarter. Residential building work done fell 3.2% while non-residential fell 2.9%.
- The seasonally adjusted estimate of building work done fell 5.7% to $16,828.3m, in the June quarter. Residential building fell 2.6% to $9,720.6m and non-residential building fell 9.5%, to $7,107.7m.

ENGINEERING

- The trend estimate for Engineering work done rose 1.6% in the latest quarter.
- The seasonally adjusted estimate for Engineering work done rose 5.7%, to $18,203.0m, in the June quarter.

INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Paul Pamment on Adelaide (08) 8237 7647.

NOTES

FORTHCOMING ISSUES

ISSUE (Quarter)	RELEASE DATE
September 2009	25 November 2009
December 2009	24 February 2010

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 *Engineering Construction Activity, Australia* (cat.no.8762.0) on 1 October 2009 and in *Building Activity, Australia* (cat. no. 8752.0) on 14 October 2009.

CHANGES IN THIS ISSUE

There are no changes in this issue.

DATA NOTES

Commencing with the September 2009 issue of publication *Building Activity, Australia*, (cat. no 8752.0) the Time Series Electronic Tables 78 and 79 containing value of non-residential building work done and commenced, states and territories (old building classification) will no longer be available on the ABS web site. A concordance between the 1986 Functional Classification of Buildings (FCB) and the 1999 FCB is available in the classification manual - *ABS Functional Classification of Buildings, 1999* (cat. no. 1268.0.55.001).

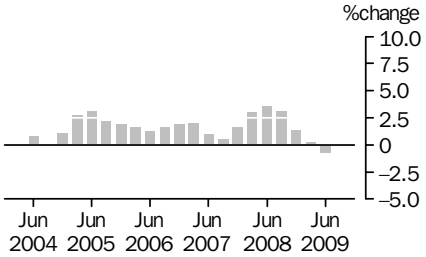
ABBREVIATIONS

$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

Peter Harper
Acting Australian Statistician

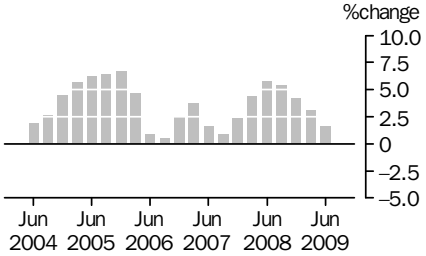
TREND PERCENTAGE CHANGE

TOTAL CONSTRUCTION



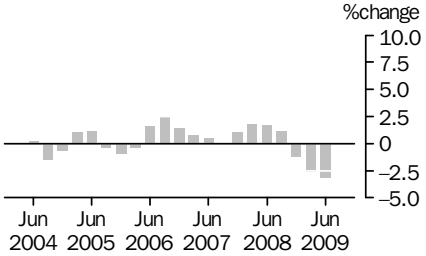
The trend estimate for total construction work done has decreased this quarter, after increasing for the previous 18 quarters.

ENGINEERING



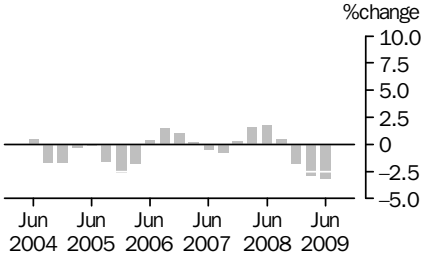
The trend estimate for engineering construction work done has increased for the past 33 quarters.

BUILDING



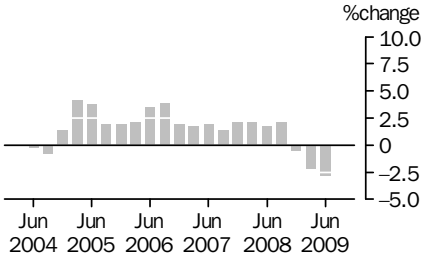
The trend estimate for total building work done has fallen for the last three quarters.

RESIDENTIAL



The trend estimate for residential building work done has fallen for the last three quarters.

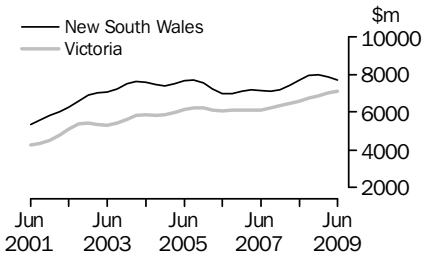
NON-RESIDENTIAL



The trend estimate for non-residential work done has fallen for the last three quarters.

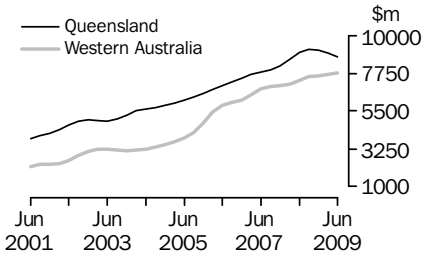
CHAIN VOLUME MEASURES—TREND ESTIMATES

NEW SOUTH WALES
VICTORIA



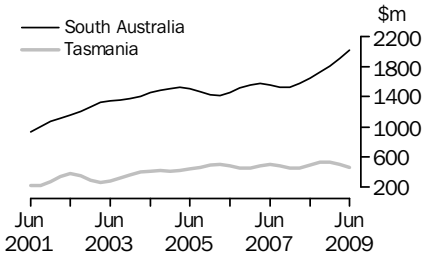
Construction work done in New South Wales has fallen for the last two quarters. Construction work done in Victoria has risen for the last nine quarters.

QUEENSLAND
WESTERN AUSTRALIA



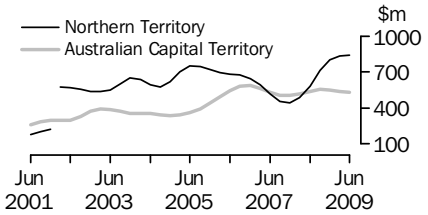
Construction work done has fallen in Queensland for the last three quarters. Construction work done in Western Australia has risen for 22 quarters.

SOUTH AUSTRALIA
TASMANIA



Construction work done in South Australia has risen for seven quarters. In Tasmania, construction work done has fallen for two quarters.

NORTHERN TERRITORY
AUSTRALIAN CAPITAL TERRITORY



Break in NT trend series from March 2002

Construction work done in the Northern Territory has risen for the last six quarters. In the Australian Capital Territory, construction work done has fallen for three quarters.

LIST OF TABLES

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TABLES

1 CONSTRUCTION WORK DONE, Chain volume measures(a)

	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	*Public*	*Total*	*Private*	*Public*	*Total*	*Private*	*Public*	*Total*
Period	$m	$m	$m	$m	$m	$m	$m	$m	$m
				ORIGINAL					
2006–07	61 262.5	7 017.0	68 279.6	33 911.2	18 737.7	52 648.9	95 173.7	25 754.8	120 928.5
2007–08	64 143.6	6 984.3	71 127.8	36 610.0	21 223.7	57 833.7	100 753.6	28 208.0	128 961.5
2008–09	63 517.7	7 838.1	71 355.9	43 687.4	26 015.6	69 703.0	107 205.1	33 853.8	141 058.8
2008									
Mar Qtr	14 660.6	1 531.6	16 192.1	8 929.9	5 618.3	14 548.2	23 590.4	7 149.9	30 740.3
Jun Qtr	16 660.5	1 767.7	18 428.3	9 745.2	6 033.6	15 778.8	26 405.7	7 801.3	34 207.0
Sep Qtr	17 376.1	1 708.3	19 084.5	10 228.0	5 986.7	16 214.7	27 604.2	7 695.0	35 299.2
Dec Qtr	17 180.0	1 887.7	19 067.7	11 667.0	6 542.7	18 209.7	28 846.9	8 430.4	37 277.4
2009									
Mar Qtr	14 297.6	2 020.9	16 318.5	9 883.4	6 160.9	16 044.4	24 181.0	8 181.8	32 362.8
Jun Qtr	14 664.0	2 221.2	16 885.3	11 908.9	7 325.3	19 234.2	26 572.9	9 546.5	36 119.5
				SEASONALLY ADJUSTED					
2008									
Mar Qtr	16 030.2	1 688.4	17 718.6	9 581.6	5 975.5	15 557.2	25 611.8	7 663.9	33 275.7
Jun Qtr	16 691.2	1 703.2	18 394.5	9 374.2	5 463.0	14 837.2	26 065.3	7 166.2	33 231.7
Sep Qtr	16 588.3	1 669.4	18 258.1	10 384.3	6 297.2	16 681.5	26 972.6	7 966.6	34 939.6
Dec Qtr	16 423.9	1 819.2	18 243.6	11 107.6	6 487.9	17 595.5	27 531.6	8 307.1	35 839.1
2009									
Mar Qtr	15 621.0	2 214.5	17 836.3	10 662.8	6 563.0	17 225.8	26 283.8	8 777.5	35 062.1
Jun Qtr	14 690.9	2 136.6	16 828.3	11 532.7	6 670.3	18 203.0	26 223.5	8 806.9	35 031.3
				TREND					
2008									
Mar Qtr	16 131.1	1 713.8	17 844.9	9 191.6	5 571.3	14 763.7	25 325.0	7 285.5	32 609.9
Jun Qtr	16 497.0	1 660.8	18 157.9	9 741.7	5 876.6	15 618.3	26 238.6	7 537.4	33 776.2
Sep Qtr	16 652.1	1 724.0	18 376.5	10 301.4	6 154.3	16 455.7	26 953.5	7 878.3	34 832.2
Dec Qtr	16 255.4	1 887.0	18 141.2	10 737.4	6 412.3	17 147.9	26 990.0	8 299.3	35 285.0
2009									
Mar Qtr	15 605.4	2 066.6	17 671.8	11 084.0	6 608.3	17 691.3	26 687.9	8 675.0	35 360.8
Jun Qtr	14 890.6	2 203.0	17 118.2	11 305.5	6 658.9	17 972.7	26 215.0	8 861.8	35 117.2

(a) Chain volume measures, reference year 2006–07. See paragraphs 27–30 of the Explanatory Notes.

2 CONSTRUCTION WORK DONE, Chain volume measures(a)—Change from previous period

	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	*Public*	*Total*	*Private*	*Public*	*Total*	*Private*	*Public*	*Total*
Period	%	%	%	%	%	%	%	%	%
				ORIGINAL					
2006–07	3.4	11.6	4.2	14.4	–1.3	8.2	6.9	2.0	5.8
2007–08	4.7	–0.5	4.2	8.0	13.3	9.8	5.9	9.5	6.6
2008–09	–1.0	12.2	0.3	19.3	22.6	20.5	6.4	20.0	9.4
2008									
Mar Qtr	–9.9	–15.5	–10.4	–2.5	9.8	1.9	–7.2	3.2	–5.0
Jun Qtr	13.6	15.4	13.8	9.1	7.4	8.5	11.9	9.1	11.3
Sep Qtr	4.3	–3.4	3.6	5.0	–0.8	2.8	4.5	–1.4	3.2
Dec Qtr	–1.1	10.5	–0.1	14.1	9.3	12.3	4.5	9.6	5.6
2009									
Mar Qtr	–16.8	7.1	–14.4	–15.3	–5.8	–11.9	–16.2	–2.9	–13.2
Jun Qtr	2.6	9.9	3.5	20.5	18.9	19.9	9.9	16.7	11.6
				SEASONALLY ADJUSTED					
2008									
Mar Qtr	3.0	–3.8	2.3	10.3	17.5	13.0	5.6	12.1	7.0
Jun Qtr	4.1	0.9	3.8	–2.2	–8.6	–4.6	1.8	–6.5	–0.1
Sep Qtr	–0.6	–2.0	–0.7	10.8	15.3	12.4	3.5	11.2	5.1
Dec Qtr	–1.0	9.0	–0.1	7.0	3.0	5.5	2.1	4.3	2.6
2009									
Mar Qtr	–4.9	21.7	–2.2	–4.0	1.2	–2.1	–4.5	5.7	–2.2
Jun Qtr	–6.0	–3.5	–5.7	8.2	1.6	5.7	–0.2	0.3	–0.1
				TREND					
2008									
Mar Qtr	2.3	–2.3	1.8	2.3	8.0	4.4	2.3	5.4	3.0
Jun Qtr	2.3	–3.1	1.8	6.0	5.5	5.8	3.6	3.5	3.6
Sep Qtr	0.9	3.8	1.2	5.7	4.7	5.4	2.7	4.5	3.1
Dec Qtr	–2.4	9.5	–1.3	4.2	4.2	4.2	0.1	5.3	1.3
2009									
Mar Qtr	–4.0	9.5	–2.6	3.2	3.1	3.2	–1.1	4.5	0.2
Jun Qtr	–4.6	6.6	–3.1	2.0	0.8	1.6	–1.8	2.2	–0.7

(a) Chain volume measures, reference year 2006–07. See paragraphs 27–30 of the Explanatory Notes.

3 CONSTRUCTION WORK DONE, Current prices

	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	*Public*	*Total*	*Private*	*Public*	*Total*	*Private*	*Public*	*Total*
Period	$m	$m	$m	$m	$m	$m	$m	$m	$m
				ORIGINAL					
2006–07	61 262.5	7 017.0	68 279.6	33 911.2	18 737.7	52 648.9	95 173.8	25 754.7	120 928.5
2007–08	67 836.5	7 423.6	75 260.1	38 956.6	22 143.2	61 099.8	106 793.0	29 566.8	136 359.9
2008–09	69 204.6	8 518.4	77 723.0	48 198.3	27 902.3	76 100.6	117 402.9	36 420.7	153 823.6
2008									
Mar Qtr	15 649.3	1 644.0	17 293.3	9 582.5	5 869.4	15 451.9	25 231.7	7 513.5	32 745.2
Jun Qtr	18 056.3	1 931.0	19 987.2	10 690.2	6 453.5	17 143.7	28 746.4	8 384.5	37 130.9
Sep Qtr	19 182.1	1 905.8	21 087.9	11 448.7	6 556.1	18 004.9	30 630.9	8 461.9	39 092.8
Dec Qtr	18 858.1	2 089.1	20 947.2	13 120.0	7 114.5	20 234.6	31 978.1	9 203.6	41 181.7
2009									
Mar Qtr	15 438.1	2 175.6	17 613.7	10 861.3	6 615.8	17 477.1	26 299.4	8 791.4	35 090.8
Jun Qtr	15 726.3	2 347.9	18 074.2	12 768.2	7 615.9	20 384.1	28 494.5	9 963.7	38 458.3
				SEASONALLY ADJUSTED					
2008									
Mar Qtr	17 127.3	1 810.1	18 937.5	10 315.8	6 250.7	16 566.5	27 443.1	8 060.8	35 503.9
Jun Qtr	18 105.5	1 857.9	19 963.4	10 313.9	5 848.6	16 162.5	28 419.4	7 706.4	36 125.9
Sep Qtr	18 346.7	1 869.3	20 216.1	11 634.4	6 899.0	18 533.4	29 981.2	8 768.3	38 749.5
Dec Qtr	18 062.9	2 020.9	20 083.8	12 482.8	7 049.0	19 531.9	30 545.7	9 070.0	39 615.6
2009									
Mar Qtr	16 900.1	2 393.3	19 293.5	11 697.6	7 034.8	18 732.4	28 597.8	9 428.1	38 025.9
Jun Qtr	15 784.4	2 267.3	18 051.7	12 336.7	6 938.3	19 275.0	28 121.2	9 205.5	37 326.7
				TREND					
2008									
Mar Qtr	17 241.4	1 836.7	19 078.1	9 895.7	5 604.9	15 500.6	27 137.1	7 441.6	34 578.7
Jun Qtr	17 953.1	1 821.3	19 774.4	10 737.5	6 125.4	16 862.9	28 690.6	7 946.7	36 637.3
Sep Qtr	18 305.5	1 916.1	20 221.6	11 529.5	6 663.7	18 193.2	29 835.0	8 579.8	38 414.8
Dec Qtr	17 829.0	2 080.9	19 909.9	11 968.0	6 978.9	18 946.8	29 796.9	9 059.8	38 856.7
2009									
Mar Qtr	16 962.6	2 241.1	19 203.6	12 170.5	7 060.5	19 231.0	29 133.1	9 301.5	38 434.7
Jun Qtr	15 975.3	2 350.6	18 325.9	12 192.2	6 995.8	19 188.1	28 167.5	9 346.5	37 514.0

4 CONSTRUCTION WORK DONE, Current prices—Change from previous period

	BUILDING WORK DONE			ENGINEERING WORK DONE			CONSTRUCTION WORK DONE		
	Private	*Public*	*Total*	*Private*	*Public*	*Total*	*Private*	*Public*	*Total*
Period	%	%	%	%	%	%	%	%	%
				ORIGINAL					
2006–07	7.7	17.7	8.6	27.2	8.5	19.9	13.9	10.8	13.3
2007–08	10.7	5.8	10.2	14.9	18.2	16.1	12.2	14.8	12.8
2008–09	2.0	14.7	3.3	23.7	26.0	24.6	9.9	23.2	12.8
2008									
Mar Qtr	–8.1	–13.6	–8.7	—	11.3	4.0	–5.2	4.7	–3.1
Jun Qtr	15.4	17.5	15.6	11.6	10.0	10.9	13.9	11.6	13.4
Sep Qtr	6.2	–1.3	5.5	7.1	1.6	5.0	6.6	0.9	5.3
Dec Qtr	–1.7	9.6	–0.7	14.6	8.5	12.4	4.4	8.8	5.3
2009									
Mar Qtr	–18.1	4.1	–15.9	–17.2	–7.0	–13.6	–17.8	–4.5	–14.8
Jun Qtr	1.9	7.9	2.6	17.6	15.1	16.6	8.3	13.3	9.6
				SEASONALLY ADJUSTED					
2008									
Mar Qtr	4.9	–1.7	4.3	13.3	19.0	15.4	7.9	13.7	9.2
Jun Qtr	5.7	2.6	5.4	—	–6.4	–2.4	3.6	–4.4	1.8
Sep Qtr	1.3	0.6	1.3	12.8	18.0	14.7	5.5	13.8	7.3
Dec Qtr	–1.5	8.1	–0.7	7.3	2.2	5.4	1.9	3.4	2.2
2009									
Mar Qtr	–6.4	18.4	–3.9	–6.3	–0.2	–4.1	–6.4	3.9	–4.0
Jun Qtr	–6.6	–5.3	–6.4	5.5	–1.4	2.9	–1.7	–2.4	–1.8
				TREND					
2008									
Mar Qtr	4.2	–0.5	3.7	4.6	8.0	5.8	4.3	5.7	4.6
Jun Qtr	4.1	–0.8	3.6	8.5	9.3	8.8	5.7	6.8	6.0
Sep Qtr	2.0	5.2	2.3	7.4	8.8	7.9	4.0	8.0	4.9
Dec Qtr	–2.6	8.6	–1.5	3.8	4.7	4.1	–0.1	5.6	1.2
2009									
Mar Qtr	–4.9	7.7	–3.5	1.7	1.2	1.5	–2.2	2.7	–1.1
Jun Qtr	–5.8	4.9	–4.6	0.2	–0.9	–0.2	–3.3	0.5	–2.4

— nil or rounded to zero (including null cells)

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

	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*
	$m	$m	$m	$m	$m	$m	$m	$m	$m	$m
ORIGINAL										
2006–07	33 816.6	34 482.4	6 144.4	6 344.8	39 961.0	40 827.2	21 301.5	27 452.4	61 262.5	68 279.6
2007–08	33 843.8	34 613.2	6 338.8	6 478.3	40 182.6	41 091.6	23 960.9	30 036.3	64 143.6	71 127.8
2008–09	33 871.7	34 592.0	6 102.5	6 236.5	39 974.3	40 828.5	23 543.5	30 527.4	63 517.7	71 355.9
2008										
Mar Qtr	7 872.9	8 060.9	1 415.2	1 438.8	9 288.2	9 499.7	5 372.4	6 692.4	14 660.6	16 192.1
Jun Qtr	8 750.5	8 922.2	1 582.8	1 632.7	10 333.3	10 555.0	6 327.2	7 873.3	16 660.5	18 428.3
Sep Qtr	9 154.7	9 334.5	1 673.4	1 710.1	10 828.1	11 044.6	6 548.0	8 039.9	17 376.1	19 084.5
Dec Qtr	8 911.4	9 090.9	1 704.3	1 738.2	10 615.7	10 829.1	6 564.2	8 238.6	17 180.0	19 067.7
2009										
Mar Qtr	7 656.1	7 814.8	1 359.2	1 384.4	9 015.3	9 199.2	5 282.3	7 119.3	14 297.6	16 318.5
Jun Qtr	8 149.5	8 351.9	1 365.6	1 403.8	9 515.1	9 755.6	5 148.9	7 129.6	14 664.0	16 885.3
SEASONALLY ADJUSTED										
2008										
Mar Qtr	8 485.6	8 695.6	1 592.0	1 618.3	10 077.6	10 313.9	5 952.6	7 404.7	16 030.2	17 718.6
Jun Qtr	8 694.0	8 866.2	1 607.9	1 650.3	10 302.0	10 516.5	6 389.2	7 878.0	16 691.2	18 394.5
Sep Qtr	8 779.6	8 950.2	1 605.1	1 643.8	10 384.7	10 594.0	6 203.5	7 664.1	16 588.3	18 258.1
Dec Qtr	8 677.5	8 844.0	1 565.7	1 601.3	10 243.2	10 445.4	6 180.7	7 798.3	16 423.9	18 243.6
2009										
Mar Qtr	8 245.1	8 423.6	1 528.2	1 555.6	9 773.3	9 979.2	5 847.7	7 857.1	15 621.0	17 836.3
Jun Qtr	8 097.1	8 299.5	1 390.0	1 421.1	9 487.1	9 720.6	5 203.8	7 107.7	14 690.9	16 828.3
TREND										
2008										
Mar Qtr	8 493.6	8 689.3	1 597.4	1 631.3	10 090.9	10 320.6	6 040.1	7 524.3	16 131.1	17 844.9
Jun Qtr	8 677.2	8 859.5	1 606.4	1 643.6	10 283.6	10 503.1	6 213.4	7 654.9	16 497.0	18 157.9
Sep Qtr	8 745.3	8 914.6	1 602.9	1 641.0	10 348.2	10 555.6	6 303.9	7 820.9	16 652.1	18 376.5
Dec Qtr	8 588.6	8 758.9	1 565.0	1 600.1	10 153.9	10 359.2	6 101.5	7 781.7	16 255.4	18 141.2
2009										
Mar Qtr	8 343.3	8 524.8	1 501.2	1 532.0	9 844.6	10 057.1	5 760.7	7 614.3	15 605.4	17 671.8
Jun Qtr	8 085.9	8 280.9	1 429.5	1 458.3	9 511.1	9 734.7	5 379.5	7 393.6	14 890.6	17 118.2

(a) Chain volume measures, reference year 2006–07. See paragraphs 27–30 of the Explanatory Notes.

6 VALUE OF BUILDING WORK DONE, Chain volume measures(a)—Change from previous period

	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*
Period	%	%	%	%	%	%	%	%	%	%
					ORIGINAL					
2006–07	0.6	0.3	3.5	3.3	1.0	0.8	8.2	9.8	3.4	4.2
2007–08	0.1	0.4	3.2	2.1	0.6	0.6	12.5	9.4	4.7	4.2
2008–09	0.1	–0.1	–3.7	–3.7	–0.5	–0.6	–1.7	1.6	–1.0	0.3
2008										
Mar Qtr	–7.3	–7.4	–17.8	–18.0	–9.1	–9.2	–11.2	–12.1	–9.9	–10.4
Jun Qtr	11.1	10.7	11.8	13.5	11.3	11.1	17.8	17.6	13.6	13.8
Sep Qtr	4.6	4.6	5.7	4.7	4.8	4.6	3.5	2.1	4.3	3.6
Dec Qtr	–2.7	–2.6	1.8	1.6	–2.0	–2.0	0.2	2.5	–1.1	–0.1
2009										
Mar Qtr	–14.1	–14.0	–20.2	–20.4	–15.1	–15.1	–19.5	–13.6	–16.8	–14.4
Jun Qtr	6.4	6.9	0.5	1.4	5.5	6.0	–2.5	0.1	2.6	3.5
					SEASONALLY ADJUSTED					
2008										
Mar Qtr	2.5	2.6	0.5	–0.2	2.2	2.2	4.4	2.5	3.0	2.3
Jun Qtr	2.5	2.0	1.0	2.0	2.2	2.0	7.3	6.4	4.1	3.8
Sep Qtr	1.0	0.9	–0.2	–0.4	0.8	0.7	–2.9	–2.7	–0.6	–0.7
Dec Qtr	–1.2	–1.2	–2.5	–2.6	–1.4	–1.4	–0.4	1.8	–1.0	–0.1
2009										
Mar Qtr	–5.0	–4.8	–2.4	–2.9	–4.6	–4.5	–5.4	0.8	–4.9	–2.2
Jun Qtr	–1.8	–1.5	–9.0	–8.6	–2.9	–2.6	–11.0	–9.5	–6.0	–5.7
					TREND					
2008										
Mar Qtr	1.8	1.7	1.1	1.2	1.7	1.6	3.4	2.2	2.3	1.8
Jun Qtr	2.2	2.0	0.6	0.8	1.9	1.8	2.9	1.7	2.3	1.8
Sep Qtr	0.8	0.6	–0.2	–0.2	0.6	0.5	1.5	2.2	0.9	1.2
Dec Qtr	–1.8	–1.7	–2.4	–2.5	–1.9	–1.9	–3.2	–0.5	–2.4	–1.3
2009										
Mar Qtr	–2.9	–2.7	–4.1	–4.3	–3.0	–2.9	–5.6	–2.2	–4.0	–2.6
Jun Qtr	–3.1	–2.9	–4.8	–4.8	–3.4	–3.2	–6.6	–2.9	–4.6	–3.1

(a) Chain volume measures, reference year 2006–07. See paragraphs 27–30 of the Explanatory Notes.

7 VALUE OF BUILDING WORK DONE, Current prices

	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*
Period	$m	$m	$m	$m	$m	$m	$m	$m	$m	$m
ORIGINAL										
2006–07	33 816.6	34 482.4	6 144.4	6 344.8	39 961.0	40 827.2	21 301.5	27 452.4	61 262.5	68 279.6
2007–08	35 652.5	36 463.7	6 633.9	6 780.2	42 286.4	43 243.9	25 550.1	32 016.1	67 836.5	75 260.1
2008–09	36 811.3	37 600.5	6 625.4	6 769.4	43 436.8	44 369.9	25 767.9	33 353.1	69 204.6	77 723.0
2008										
Mar Qtr	8 373.9	8 573.8	1 497.2	1 522.2	9 871.2	10 096.0	5 778.1	7 197.3	15 649.3	17 293.3
Jun Qtr	9 421.4	9 607.3	1 691.8	1 745.3	11 113.2	11 352.6	6 943.0	8 634.7	18 056.3	19 987.2
Sep Qtr	10 015.1	10 213.2	1 815.8	1 855.2	11 830.8	12 068.5	7 351.3	9 019.4	19 182.1	21 087.9
Dec Qtr	9 734.4	9 933.2	1 848.7	1 885.3	11 583.1	11 818.5	7 275.0	9 128.7	18 858.1	20 947.2
2009										
Mar Qtr	8 263.4	8 435.5	1 465.3	1 492.0	9 728.6	9 927.5	5 709.5	7 686.2	15 438.1	17 613.7
Jun Qtr	8 798.5	9 018.5	1 495.6	1 536.9	10 294.1	10 555.3	5 432.2	7 518.8	15 726.3	18 074.2
SEASONALLY ADJUSTED										
2008										
Mar Qtr	9 029.0	9 252.5	1 685.5	1 712.6	10 714.5	10 965.1	6 412.8	7 972.4	17 127.3	18 937.5
Jun Qtr	9 363.3	9 549.8	1 720.0	1 764.6	11 083.3	11 314.4	7 022.2	8 649.0	18 105.5	19 963.4
Sep Qtr	9 618.0	9 807.1	1 743.4	1 785.4	11 361.4	11 592.5	6 985.3	8 623.6	18 346.7	20 216.1
Dec Qtr	9 492.3	9 678.1	1 700.1	1 738.9	11 192.5	11 417.0	6 870.4	8 666.8	18 062.9	20 083.8
2009										
Mar Qtr	8 911.6	9 106.4	1 649.1	1 678.5	10 560.7	10 784.8	6 339.4	8 508.6	16 900.1	19 293.5
Jun Qtr	8 754.0	8 975.1	1 523.8	1 557.9	10 277.9	10 533.0	5 506.5	7 518.7	15 784.4	18 051.7
TREND										
2008										
Mar Qtr	9 032.5	9 241.0	1 688.2	1 723.3	10 720.7	10 964.3	6 520.7	8 113.8	17 241.4	19 078.1
Jun Qtr	9 375.1	9 573.1	1 722.9	1 762.3	11 098.0	11 335.3	6 855.2	8 439.1	17 953.1	19 774.4
Sep Qtr	9 537.5	9 724.4	1 733.5	1 774.4	11 271.0	11 498.8	7 034.5	8 722.8	18 305.5	20 221.6
Dec Qtr	9 369.1	9 557.5	1 697.4	1 735.3	11 066.4	11 292.8	6 762.5	8 617.1	17 829.0	19 909.9
2009										
Mar Qtr	9 062.0	9 261.6	1 631.4	1 664.9	10 693.4	10 926.6	6 269.1	8 277.1	16 962.6	19 203.6
Jun Qtr	8 713.1	8 924.7	1 552.8	1 584.0	10 265.9	10 508.7	5 709.4	7 817.2	15 975.3	18 325.9

8 VALUE OF BUILDING WORK DONE, Current Prices—Change from previous period

	NEW RESIDENTIAL BUILDING		ALTERATIONS AND ADDITIONS		RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*	*Private*	*Total*
Period	%	%	%	%	%	%	%	%	%	%
					ORIGINAL					
2006–07	4.5	4.3	5.7	5.6	4.7	4.5	13.8	15.5	7.7	8.6
2007–08	5.4	5.7	8.0	6.9	5.8	5.9	19.9	16.6	10.7	10.2
2008–09	3.3	3.1	–0.1	–0.2	2.7	2.6	0.9	4.2	2.0	3.3
2008										
Mar Qtr	–5.6	–5.7	–16.2	–16.5	–7.4	–7.5	–9.3	–10.3	–8.1	–8.7
Jun Qtr	12.5	12.1	13.0	14.7	12.6	12.4	20.2	20.0	15.4	15.6
Sep Qtr	6.3	6.3	7.3	6.3	6.5	6.3	5.9	4.5	6.2	5.5
Dec Qtr	–2.8	–2.7	1.8	1.6	–2.1	–2.1	–1.0	1.2	–1.7	–0.7
2009										
Mar Qtr	–15.1	–15.1	–20.7	–20.9	–16.0	–16.0	–21.5	–15.8	–18.1	–15.9
Jun Qtr	6.5	6.9	2.1	3.0	5.8	6.3	–4.9	–2.2	1.9	2.6
					SEASONALLY ADJUSTED					
2008										
Mar Qtr	4.3	4.4	2.4	1.7	4.0	4.0	6.6	4.7	4.9	4.3
Jun Qtr	3.7	3.2	2.0	3.0	3.4	3.2	9.5	8.5	5.7	5.4
Sep Qtr	2.7	2.7	1.4	1.2	2.5	2.5	–0.5	–0.3	1.3	1.3
Dec Qtr	–1.3	–1.3	–2.5	–2.6	–1.5	–1.5	–1.6	0.5	–1.5	–0.7
2009										
Mar Qtr	–6.1	–5.9	–3.0	–3.5	–5.6	–5.5	–7.7	–1.8	–6.4	–3.9
Jun Qtr	–1.8	–1.4	–7.6	–7.2	–2.7	–2.3	–13.1	–11.6	–6.6	–6.4
					TREND					
2008										
Mar Qtr	3.4	3.4	2.8	2.9	3.3	3.3	5.6	4.3	4.2	3.7
Jun Qtr	3.8	3.6	2.1	2.3	3.5	3.4	5.1	4.0	4.1	3.6
Sep Qtr	1.7	1.6	0.6	0.7	1.6	1.4	2.6	3.4	2.0	2.3
Dec Qtr	–1.8	–1.7	–2.1	–2.2	–1.8	–1.8	–3.9	–1.2	–2.6	–1.5
2009										
Mar Qtr	–3.3	–3.1	–3.9	–4.1	–3.4	–3.2	–7.3	–3.9	–4.9	–3.5
Jun Qtr	–3.9	–3.6	–4.8	–4.9	–4.0	–3.8	–8.9	–5.6	–5.8	–4.6

9 CONSTRUCTION WORK DONE, States and territories—Chain volume measures(a): **Original**

Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	**Aust.**
	$m	$m	$m	$m	$m	$m	$m	$m	$m
BUILDING WORK DONE									
2006–07	17 466.4	17 229.7	17 379.9	3 656.7	8 874.6	993.5	749.2	1 929.6	**68 279.6**
2007–08	17 624.0	18 707.1	17 581.9	3 836.2	9 795.4	1 065.8	790.8	1 726.6	**71 127.8**
2008–09	16 202.3	20 019.4	17 035.5	4 129.4	10 211.2	1 145.2	754.2	1 858.7	**71 355.9**
2008									
Mar Qtr	3 989.7	4 163.5	4 043.3	852.9	2 367.2	244.8	177.0	353.8	**16 192.1**
Jun Qtr	4 405.0	4 943.7	4 543.9	1 038.5	2 568.4	276.7	193.3	458.8	**18 428.3**
Sep Qtr	4 281.4	5 041.7	5 024.1	1 031.5	2 653.0	308.6	205.5	538.6	**19 084.5**
Dec Qtr	4 478.1	5 325.2	4 462.9	1 084.8	2 731.2	312.2	212.3	461.0	**19 067.7**
2009									
Mar Qtr	3 779.8	4 497.6	3 849.6	981.3	2 413.0	249.5	159.6	388.0	**16 318.5**
Jun Qtr	3 663.0	5 154.9	3 699.0	1 031.8	2 414.0	274.9	176.7	471.1	**16 885.3**
ENGINEERING WORK DONE									
2006–07	10 825.1	7 216.5	12 946.8	2 558.3	16 227.1	885.9	1 698.3	290.9	**52 648.9**
2007–08	11 700.6	6 944.5	15 882.6	2 462.5	18 504.4	789.4	1 197.9	351.9	**57 833.7**
2008–09	15 290.6	7 644.0	19 118.9	3 319.8	20 652.1	933.1	2 408.3	336.2	**69 703.0**
2008									
Mar Qtr	2 979.6	1 835.6	3 880.3	605.1	4 679.4	205.2	275.0	87.8	**14 548.2**
Jun Qtr	3 637.0	1 775.7	4 453.8	712.5	4 465.9	230.5	412.9	90.5	**15 778.8**
Sep Qtr	3 434.4	1 801.1	4 623.0	633.7	4 965.3	195.1	478.0	84.1	**16 214.7**
Dec Qtr	3 820.5	1 893.1	4 985.3	811.6	5 645.9	271.5	696.0	85.9	**18 209.7**
2009									
Mar Qtr	3 697.0	1 781.4	4 455.4	743.8	4 447.5	208.9	631.3	78.9	**16 044.4**
Jun Qtr	4 338.7	2 168.4	5 055.2	1 130.7	5 593.4	257.6	602.9	87.3	**19 234.2**
CONSTRUCTION WORK DONE									
2006–07	28 291.5	24 446.2	30 326.6	6 215.0	25 101.7	1 879.5	2 447.5	2 220.5	**120 928.5**
2007–08	29 324.6	25 651.6	33 464.5	6 298.7	28 299.8	1 855.1	1 988.7	2 078.4	**128 961.5**
2008–09	31 492.9	27 663.4	36 154.4	7 449.2	30 863.3	2 078.2	3 162.4	2 194.9	**141 058.8**
2008									
Mar Qtr	6 969.3	5 999.1	7 923.7	1 458.0	7 046.6	450.0	452.0	441.5	**30 740.3**
Jun Qtr	8 041.9	6 719.4	8 997.8	1 751.0	7 034.2	507.2	606.2	549.3	**34 207.0**
Sep Qtr	7 715.9	6 842.8	9 647.2	1 665.2	7 618.3	503.7	683.5	622.7	**35 299.2**
Dec Qtr	8 298.6	7 218.3	9 448.1	1 896.5	8 377.1	583.7	908.3	546.9	**37 277.4**
2009									
Mar Qtr	7 476.9	6 279.0	8 304.9	1 725.2	6 860.6	458.4	791.0	466.9	**32 362.8**
Jun Qtr	8 001.6	7 323.3	8 754.2	2 162.5	8 007.4	532.4	779.7	558.4	**36 119.5**

(a) Chain volume measures, reference year 2006–07. See paragraphs 27–30 of the Explanatory Notes.

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

Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	**Aust.**
	%	%	%	%	%	%	%	%	%
BUILDING WORK DONE									
2006–07	–3.3	3.9	8.9	0.4	12.4	–1.5	3.1	21.0	**4.2**
2007–08	0.9	8.6	1.2	4.9	10.4	7.3	5.6	–10.5	**4.2**
2008–09	–8.1	7.0	–3.1	7.6	4.2	7.4	–4.6	7.7	**0.3**
2008									
Mar Qtr	–12.7	–11.5	–10.6	–12.0	–0.1	–10.5	–16.9	–22.5	**–10.4**
Jun Qtr	10.4	18.7	12.4	21.8	8.5	13.1	9.2	29.7	**13.8**
Sep Qtr	–2.8	2.0	10.6	–0.7	3.3	11.5	6.3	17.4	**3.6**
Dec Qtr	4.6	5.6	–11.2	5.2	2.9	1.1	3.3	–14.4	**–0.1**
2009									
Mar Qtr	–15.6	–15.5	–13.7	–9.5	–11.6	–20.1	–24.8	–15.8	**–14.4**
Jun Qtr	–3.1	14.6	–3.9	5.1	—	10.2	10.7	21.4	**3.5**
ENGINEERING WORK DONE									
2006–07	–6.9	–10.4	20.5	25.8	26.8	–8.8	–18.2	–1.6	**8.2**
2007–08	8.1	–3.8	22.7	–3.7	14.0	–10.9	–29.5	21.0	**9.8**
2008–09	30.7	10.1	20.4	34.8	11.6	18.2	101.0	–4.5	**20.5**
2008									
Mar Qtr	5.3	8.6	–3.0	0.9	0.2	5.1	27.7	14.3	**1.9**
Jun Qtr	22.1	–3.3	14.8	17.7	–4.6	12.3	50.1	3.1	**8.5**
Sep Qtr	–5.6	1.4	3.8	–11.1	11.2	–15.4	15.8	–7.0	**2.8**
Dec Qtr	11.2	5.1	7.8	28.1	13.7	39.2	45.6	2.1	**12.3**
2009									
Mar Qtr	–3.2	–5.9	–10.6	–8.4	–21.2	–23.0	–9.3	–8.1	**–11.9**
Jun Qtr	17.4	21.7	13.5	52.0	25.8	23.3	–4.5	10.7	**19.9**
CONSTRUCTION WORK DONE									
2006–07	–4.7	–0.6	13.5	9.1	21.3	–4.9	–12.6	17.6	**5.8**
2007–08	3.7	4.9	10.3	1.3	12.7	–1.3	–18.7	–6.4	**6.6**
2008–09	7.4	7.8	8.0	18.3	9.1	12.0	59.0	5.6	**9.4**
2008									
Mar Qtr	–5.8	–6.1	–7.0	–7.1	0.1	–4.0	5.5	–17.2	**–5.0**
Jun Qtr	15.4	12.0	13.6	20.1	–0.2	12.7	34.1	24.4	**11.3**
Sep Qtr	–4.1	1.8	7.2	–4.9	8.3	–0.7	12.8	13.4	**3.2**
Dec Qtr	7.6	5.5	–2.1	13.9	10.0	15.9	32.9	–12.2	**5.6**
2009									
Mar Qtr	–9.9	–13.0	–12.1	–9.0	–18.1	–21.5	–12.9	–14.6	**–13.2**
Jun Qtr	7.0	16.6	5.4	25.3	16.7	16.1	–1.4	19.6	**11.6**

— nil or rounded to zero (including null cells)

(a) Chain volume measures, reference year 2006–07. See paragraphs 27–30 of the Explanatory Notes.

11 CONSTRUCTION WORK DONE, States and territories—Current prices: **Original**

Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	**Aust.**
	$m	$m	$m	$m	$m	$m	$m	$m	$m
BUILDING WORK DONE									
2006–07	17 466.4	17 229.7	17 379.9	3 656.7	8 874.6	993.5	749.2	1 929.6	**68 279.6**
2007–08	18 238.2	20 020.4	18 691.9	4 017.0	10 514.4	1 124.4	859.7	1 794.1	**75 260.1**
2008–09	17 603.6	21 301.3	18 627.6	4 558.9	11 459.0	1 268.1	881.9	2 022.5	**77 723.0**
2008									
Mar Qtr	4 152.4	4 526.2	4 331.9	900.4	2 560.5	259.9	193.9	368.2	**17 293.3**
Jun Qtr	4 708.6	5 399.3	4 938.9	1 111.8	2 829.3	298.6	215.8	485.0	**19 987.2**
Sep Qtr	4 643.8	5 577.1	5 586.1	1 133.7	2 989.1	339.8	235.6	582.7	**21 087.9**
Dec Qtr	4 883.7	5 694.0	4 969.4	1 202.9	3 102.6	345.3	247.1	502.2	**20 947.2**
2009									
Mar Qtr	4 096.3	4 708.7	4 141.2	1 084.9	2 693.4	277.3	188.9	423.1	**17 613.7**
Jun Qtr	3 979.9	5 321.5	3 930.9	1 137.4	2 673.9	305.7	210.4	514.5	**18 074.2**
ENGINEERING WORK DONE									
2006–07	10 825.1	7 216.5	12 946.8	2 558.3	16 227.1	885.9	1 698.3	290.9	**52 648.9**
2007–08	12 341.7	7 324.2	16 786.6	2 601.5	19 559.2	837.2	1 279.6	369.8	**61 099.8**
2008–09	16 385.0	8 306.3	21 155.9	3 615.3	22 615.7	1 005.3	2 655.8	361.4	**76 100.6**
2008									
Mar Qtr	3 147.9	1 944.7	4 121.7	643.7	4 986.0	219.2	295.3	93.4	**15 451.9**
Jun Qtr	3 929.5	1 924.0	4 846.0	773.0	4 869.1	252.3	452.3	97.5	**17 143.7**
Sep Qtr	3 752.9	1 973.5	5 203.5	702.9	5 531.5	214.8	533.7	92.0	**18 004.9**
Dec Qtr	4 149.8	2 083.4	5 614.0	909.5	6 304.9	294.4	784.3	94.2	**20 234.6**
2009									
Mar Qtr	3 954.4	1 937.9	4 908.4	819.3	4 853.9	225.5	692.5	85.3	**17 477.1**
Jun Qtr	4 527.8	2 311.6	5 430.0	1 183.7	5 925.3	270.6	645.2	89.9	**20 384.1**
CONSTRUCTION WORK DONE									
2006–07	28 291.5	24 446.2	30 326.6	6 215.0	25 101.7	1 879.5	2 447.5	2 220.5	**120 928.5**
2007–08	30 579.9	27 344.6	35 478.5	6 618.5	30 073.6	1 961.5	2 139.3	2 163.9	**136 359.9**
2008–09	33 988.6	29 607.6	39 783.5	8 174.2	34 074.7	2 273.4	3 537.7	2 383.9	**153 823.6**
2008									
Mar Qtr	7 300.3	6 470.9	8 453.6	1 544.1	7 546.4	479.0	489.2	461.6	**32 745.2**
Jun Qtr	8 638.1	7 323.2	9 784.8	1 884.8	7 698.3	550.9	668.1	582.5	**37 130.9**
Sep Qtr	8 396.7	7 550.6	10 789.6	1 836.6	8 520.7	554.6	769.3	674.7	**39 092.8**
Dec Qtr	9 033.6	7 777.4	10 583.4	2 112.4	9 407.5	639.7	1 031.4	596.3	**41 181.7**
2009									
Mar Qtr	8 050.7	6 646.5	9 049.6	1 904.1	7 547.2	502.8	881.4	508.4	**35 090.8**
Jun Qtr	8 507.7	7 633.1	9 360.9	2 321.1	8 599.2	576.3	855.6	604.4	**38 458.3**

12 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									
2006–07	–1.4	5.7	15.3	3.3	25.6	3.6	13.7	26.7	**8.6**
2007–08	4.4	16.2	7.5	9.9	18.5	13.2	14.8	–7.0	**10.2**
2008–09	–3.5	6.4	–0.3	13.5	9.0	12.8	2.6	12.7	**3.3**
2008									
Mar Qtr	–11.0	–9.2	–9.3	–10.2	1.7	–9.0	–15.7	–22.0	**–8.7**
Jun Qtr	13.4	19.3	14.0	23.5	10.5	14.9	11.3	31.7	**15.6**
Sep Qtr	–1.4	3.3	13.1	2.0	5.7	13.8	9.2	20.1	**5.5**
Dec Qtr	5.2	2.1	–11.0	6.1	3.8	1.6	4.9	–13.8	**–0.7**
2009									
Mar Qtr	–16.1	–17.3	–16.7	–9.8	–13.2	–19.7	–23.5	–15.7	**–15.9**
Jun Qtr	–2.8	13.0	–5.1	4.8	–0.7	10.3	11.3	21.6	**2.6**
ENGINEERING WORK DONE									
2006–07	2.9	–2.6	33.8	40.0	41.2	3.7	–9.5	7.9	**19.9**
2007–08	14.0	1.5	29.7	1.7	20.5	–5.5	–24.7	27.1	**16.1**
2008–09	32.8	13.4	26.0	39.0	15.6	20.1	107.5	–2.3	**24.6**
2008									
Mar Qtr	7.2	10.5	–1.0	3.1	2.7	7.9	30.5	16.7	**4.0**
Jun Qtr	24.8	–1.1	17.6	20.1	–2.3	15.1	53.1	4.4	**10.9**
Sep Qtr	–4.5	2.6	7.4	–9.1	13.6	–14.9	18.0	–5.7	**5.0**
Dec Qtr	10.6	5.6	7.9	29.4	14.0	37.0	46.9	2.3	**12.4**
2009									
Mar Qtr	–4.7	–7.0	–12.6	–9.9	–23.0	–23.4	–11.7	–9.5	**–13.6**
Jun Qtr	14.5	19.3	10.6	44.5	22.1	20.0	–6.8	5.4	**16.6**
CONSTRUCTION WORK DONE									
2006–07	0.2	3.1	22.5	15.8	35.3	3.7	–3.4	23.9	**13.3**
2007–08	8.1	11.9	17.0	6.5	19.8	4.4	–12.6	–2.5	**12.8**
2008–09	11.1	8.3	12.1	23.5	13.3	15.9	65.4	10.2	**12.8**
2008									
Mar Qtr	–4.0	–4.1	–5.4	–5.1	2.4	–2.0	7.2	–16.4	**–3.1**
Jun Qtr	18.3	13.2	15.7	22.1	2.0	15.0	36.6	26.2	**13.4**
Sep Qtr	–2.8	3.1	10.3	–2.6	10.7	0.7	15.2	15.8	**5.3**
Dec Qtr	7.6	3.0	–1.9	15.0	10.4	15.3	34.1	–11.6	**5.3**
2009									
Mar Qtr	–10.9	–14.5	–14.5	–9.9	–19.8	–21.4	–14.5	–14.7	**–14.8**
Jun Qtr	5.7	14.8	3.4	21.9	13.9	14.6	–2.9	18.9	**9.6**

13 CONSTRUCTION WORK DONE, States and territories–Chain volume measures(a)

Period	NSW $m	Vic. $m	Qld $m	SA $m	WA $m	Tas. $m	NT $m	ACT $m
ORIGINAL								
2006–07	28 291.5	24 446.2	30 326.6	6 215.0	25 101.7	1 879.5	2 447.5	2 220.5
2007–08	29 324.6	25 651.6	33 464.5	6 298.7	28 299.8	1 855.1	1 988.7	2 078.4
2008–09	31 492.9	27 663.4	36 154.4	7 449.2	30 863.3	2 078.2	3 162.4	2 194.9
2008								
Mar Qtr	6 969.3	5 999.1	7 923.7	1 458.0	7 046.6	450.0	452.0	441.5
Jun Qtr	8 041.9	6 719.4	8 997.8	1 751.0	7 034.2	507.2	606.2	549.3
Sep Qtr	7 715.9	6 842.8	9 647.2	1 665.2	7 618.3	503.7	683.5	622.7
Dec Qtr	8 298.6	7 218.3	9 448.1	1 896.5	8 377.1	583.7	908.3	546.9
2009								
Mar Qtr	7 476.9	6 279.0	8 304.9	1 725.2	6 860.6	458.4	791.0	466.9
Jun Qtr	8 001.6	7 323.3	8 754.2	2 162.5	8 007.4	532.4	779.7	558.4
SEASONALLY ADJUSTED								
2008								
Mar Qtr	7 360.4	6 582.0	8 603.3	1 557.4	7 397.9	448.8	481.1	487.7
Jun Qtr	7 693.9	6 567.8	8 910.3	1 690.8	7 065.5	463.7	614.6	539.6
Sep Qtr	7 865.4	6 597.7	9 363.6	1 693.3	7 648.0	559.0	637.3	592.2
Dec Qtr	8 177.3	7 015.2	9 063.6	1 835.9	7 886.8	576.6	896.8	524.4
2009								
Mar Qtr	7 859.7	6 912.2	9 036.1	1 848.7	7 250.1	456.7	831.2	522.7
Jun Qtr	7 575.6	7 148.8	8 644.3	2 069.9	8 067.0	484.6	786.6	548.6
TREND								
2008								
Mar Qtr	7 415.2	6 451.8	8 574.3	1 575.5	7 084.3	455.1	484.9	518.1
Jun Qtr	7 681.9	6 580.1	8 979.0	1 650.0	7 339.0	493.7	582.4	539.0
Sep Qtr	7 928.1	6 720.5	9 190.2	1 724.1	7 543.5	533.5	713.3	553.6
Dec Qtr	7 991.0	6 858.1	9 142.9	1 804.9	7 617.5	535.3	800.3	546.7
2009								
Mar Qtr	7 880.9	7 005.9	8 960.6	1 905.2	7 702.8	506.0	835.9	534.1
Jun Qtr	7 698.3	7 121.6	8 720.0	2 015.2	7 771.3	468.7	837.1	531.0

(a) Reference year for Chain Volume Measures is 2006–07. See paragraphs 27–30 of the Explanatory Notes.

14 CONSTRUCTION WORK DONE, States and Territories–Chain volume measures—Change from previous period(a)

Period	NSW %	Vic. %	Qld %	SA %	WA %	Tas. %	NT %	ACT %
				ORIGINAL				
2006–07	–4.7	–0.6	13.5	9.1	21.3	–4.9	–12.6	17.6
2007–08	3.7	4.9	10.3	1.3	12.7	–1.3	–18.7	–6.4
2008–09	7.4	7.8	8.0	18.3	9.1	12.0	59.0	5.6
2008								
Mar Qtr	–5.8	–6.1	–7.0	–7.1	0.1	–4.0	5.5	–17.2
Jun Qtr	15.4	12.0	13.6	20.1	–0.2	12.7	34.1	24.4
Sep Qtr	–4.1	1.8	7.2	–4.9	8.3	–0.7	12.8	13.4
Dec Qtr	7.6	5.5	–2.1	13.9	10.0	15.9	32.9	–12.2
2009								
Mar Qtr	–9.9	–13.0	–12.1	–9.0	–18.1	–21.5	–12.9	–14.6
Jun Qtr	7.0	16.6	5.4	25.3	16.7	16.1	–1.4	19.6
				SEASONALLY ADJUSTED				
2008								
Mar Qtr	1.1	6.3	5.2	3.0	11.4	–3.7	15.5	–5.7
Jun Qtr	4.5	–0.2	3.6	8.6	–4.5	3.3	27.8	10.6
Sep Qtr	2.2	0.5	5.1	0.1	8.2	20.6	3.7	9.7
Dec Qtr	4.0	6.3	–3.2	8.4	3.1	3.1	40.7	–11.4
2009								
Mar Qtr	–3.9	–1.5	–0.3	0.7	–8.1	–20.8	–7.3	–0.3
Jun Qtr	–3.6	3.4	–4.3	12.0	11.3	6.1	–5.4	5.0
				TREND				
2008								
Mar Qtr	3.3	1.7	4.9	3.2	1.0	–0.9	9.1	2.1
Jun Qtr	3.6	2.0	4.7	4.7	3.6	8.5	20.1	4.0
Sep Qtr	3.2	2.1	2.4	4.5	2.8	8.1	22.5	2.7
Dec Qtr	0.8	2.0	–0.5	4.7	1.0	0.3	12.2	–1.2
2009								
Mar Qtr	–1.4	2.2	–2.0	5.6	1.1	–5.5	4.4	–2.3
Jun Qtr	–2.3	1.7	–2.7	5.8	0.9	–7.4	0.2	–0.6

(a) Reference year for Chain Volume Measures is 2006–07. See paragraphs 27–30 of the Explanatory Notes.

15 BUILDING ACTIVITY, WORK IN THE PIPELINE—Current prices: **Original**

Period	*New houses* $m	*New other residential building* $m	*New residential building* $m	*Alterations and additions to residential building* $m	*Total residential building* $m	*Non-residential building* $m	*Total building* $m
WORK YET TO BE DONE AT END OF QUARTER (a)							
2008							
Mar Qtr	9 926.7	8 823.7	18 750.3	2 099.2	20 849.5	19 683.8	40 533.4
Jun Qtr	9 971.2	9 410.0	19 381.2	2 119.1	21 500.3	21 188.8	42 689.2
Sep Qtr	9 695.7	9 898.8	19 594.5	2 151.9	21 746.4	21 454.3	43 200.8
Dec Qtr	8 870.7	9 457.8	18 328.5	1 994.7	20 323.2	21 124.7	41 447.9
2009							
Mar Qtr	8 280.1	9 172.2	17 452.3	1 864.1	19 316.4	20 878.2	40 194.7
Jun Qtr	8 044.7	7 849.2	15 893.9	1 816.4	17 710.3	18 330.0	36 040.3
WORK APPROVED BUT NOT YET COMMENCED AT END OF QUARTER (a)							
2008							
Mar Qtr	3 144.4	2 174.8	5 319.2	858.1	6 177.3	2 726.9	8 904.2
Jun Qtr	2 785.1	2 702.4	5 487.5	820.2	6 307.7	2 667.7	8 975.4
Sep Qtr	2 983.1	2 953.6	5 936.8	859.3	6 796.1	3 069.0	9 865.0
Dec Qtr	3 043.4	3 087.2	6 130.6	869.8	7 000.4	3 585.6	10 586.0
2009							
Mar Qtr	2 674.9	2 981.7	5 656.6	746.7	6 403.3	2 989.9	9 393.2
Jun Qtr	2 677.1	2 981.3	5 658.4	795.3	6 453.6	3 620.6	10 074.2
WORK IN THE PIPELINE AT END OF QUARTER (a)							
2008							
Mar Qtr	13 071.1	10 998.5	24 069.6	2 957.3	27 026.8	22 410.7	49 437.6
Jun Qtr	12 756.3	12 112.4	24 868.7	2 939.4	27 808.0	23 856.6	51 664.6
Sep Qtr	12 678.8	12 852.4	25 531.3	3 011.2	28 542.5	24 523.3	53 065.8
Dec Qtr	11 914.1	12 544.9	24 459.1	2 864.5	27 323.6	24 710.3	52 033.8
2009							
Mar Qtr	10 955.0	12 153.9	23 108.9	2 610.8	25 719.7	23 868.2	49 587.9
Jun Qtr	10 721.8	10 830.5	21 552.3	2 611.7	24 164.0	21 950.6	46 114.5

(a) See Glossary for definitions.

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

Period	NSW	Vic.	Qld	SA	WA	Tas., NT & ACT	Aust.
NEW HOUSES							
2008							
Mar Qtr	4 178	2 229	2 004	1 762	2 327	381	**12 881**
Jun Qtr	3 704	1 857	1 652	1 857	1 957	347	**11 373**
Sep Qtr	3 725	1 887	1 444	1 708	3 035	435	**12 236**
Dec Qtr	3 785	1 603	1 353	1 654	3 033	482	**11 911**
2009							
Mar Qtr	3 469	1 184	1 168	1 437	2 495	457	**10 211**
Jun Qtr	3 465	1 394	1 371	1 471	2 420	475	**10 597**
NEW OTHER RESIDENTIAL BUILDING							
2008							
Mar Qtr	6 819	800	1 210	1 280	642	341	**11 093**
Jun Qtr	6 814	1 247	1 537	1 267	860	416	**12 141**
Sep Qtr	7 548	1 209	1 463	1 117	1 305	405	**13 047**
Dec Qtr	6 745	1 162	2 089	1 274	1 368	271	**12 908**
2009							
Mar Qtr	6 455	1 036	1 911	1 522	1 503	288	**12 714**
Jun Qtr	6 069	1 004	2 353	1 458	1 338	386	**12 607**
TOTAL DWELLINGS (a)							
2008							
Mar Qtr	11 114	3 093	3 249	3 078	3 006	757	**24 297**
Jun Qtr	10 633	3 153	3 204	3 161	2 842	786	**23 779**
Sep Qtr	11 391	3 139	2 934	2 858	4 369	855	**25 545**
Dec Qtr	10 643	2 805	3 466	2 964	4 425	758	**25 060**
2009							
Mar Qtr	10 008	2 288	3 095	3 018	4 013	752	**23 173**
Jun Qtr	9 615	2 439	3 740	2 976	3 782	874	**23 427**

(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

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 As of the June quarter 2006, the survey has consisted of:

- an indirect, modelled component comprising residential building work with approval values from $10,000 to less than $50,000 and non-residential building work with approval values from $50,000 to less than $250,000. The contributions from these building jobs are modelled based on their building approval details.
- a direct collection of all identified building work having approval values of $2,000,000 or more.
- a sample survey, selected from other identified building work.

4 Building jobs included in each quarter in the Building Activity Survey comprise those jobs selected in previous quarters which have not been completed (or commenced) by the end of the previous quarter and those jobs newly selected in the current quarter. The population list from which jobs are selected for inclusion comprises all approved building jobs which were notified to the ABS (refer paragraph 3) up to but not including the last month of the reference quarter (i.e. up to the end of August in respect of the September quarter survey). This introduces a lag to the statistics in respect of those jobs notified and commenced in the last month of the reference quarter (i.e. for the month of September in respect of the September quarter survey). For example, jobs which were notified as approved in the month of June and which actually commenced in that month are shown as commencements in the September quarter. Similarly, building jobs which were notified in the month of September and which actually commenced in that month are shown as commencements in the December quarter.

5 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.

STATISTICAL UNIT

6 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

STATISTICAL UNIT *continued*

formed which contains activity in more than one industry subdivision and the TAU is classified to the predominant ANZSIC subdivision.

7 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

8 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 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

9 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).

10 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.

11 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.

12 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.

13 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.

TREATMENT OF THE GST *continued*

14 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.

CLASSIFICATION

15 *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.

16 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.

RELIABILITY OF THE ESTIMATES

17 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.

18 Relative standard errors for the value of work done in this quarter 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	1.1
Total private residential building	1.0
Private non-residential building	0.7
Total private building	0.7
Total residential building	1.0
Total non-residential building	0.7
Total building	**0.6**
Engineering for the private sector	1.8
Total engineering	**1.5**

STATES AND TERRITORIES

	Total building	*Total engineering*
	%	%
NSW	1.1	2.4
Vic.	1.4	3.9
Qld	1.4	2.4
SA	1.7	3.6
WA	1.7	1.7
Tas.	1.8	3.4
NT	1.2	32.3
ACT	1.3	18.7

SEASONAL ADJUSTMENT

19 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.

20 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.

21 The seasonally adjusted estimates in this publication are produced by the concurrent seasonal adjustment method which takes account of the latest available original estimates. The concurrent method improves the estimation of seasonal factors and, therefore, the seasonally adjusted and trend estimates of the current and previous quarters.

22 A more detailed review of concurrent seasonal factors will be conducted annually, generally prior to the release of data for the December quarter.

23 The revision properties of the seasonally adjusted and trend estimates have been improved by the use of autoregressive integrated moving average (ARIMA) modelling. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The ARIMA model is assessed as part of the annual reanalysis. 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 *Australian Economic Indicators (cat. no. 1350.0)*.

TREND ESTIMATES

24 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.

25 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.

26 While the smoothing technique described in paragraphs 23 and 24 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 <time.series.analysis@abs.gov.au>.

CHAIN VOLUME MEASURES

27 Chain volume estimates of the value of work done are presented in original, seasonally adjusted and trend terms.

28 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'.

CHAIN VOLUME MEASURES *continued*

29 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. The reference year is updated annually in the September 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. 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: Australian National Accounts, Introduction of Chain Volume and Price Indexes* (cat. no. 5248.0).

30 The factors used to seasonally adjust the chain volume series are identical to those used to adjust the corresponding current price series.

ACKNOWLEDGMENT

31 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

32 All tables in this publication, plus some additional state and territory series are available in electronic form on the ABS web site.

33 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, Australia, cat. no. 5609.0
Private Sector Construction Industry, Australia, cat. no. 8772.0
Producer Price Indexes, Australia, cat. no. 6427.0.

ABS DATA AVAILABLE ON REQUEST

34 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.

ELECTRONIC TABLES

The following tables are available electronically via the ABS web site. Not all series in the table go back to the earliest start date.

WORK DONE

	Publication table no.	*Electronic table no.*	*Start date*
Construction work done, chain volume measures	1	1	September 1974
Construction work done, chain volume measures, change from previous period	2	n.a.	..
Construction work done, current prices	3	2	March 1957
Construction work done, current prices, change from previous period	4	n.a.	..
Value of building work done, chain volume measures	5	3	September 1974
Value of building work done, chain volume measures, states and territories, original	5	4	September 1974
Value of building work done, chain volume measures, states and territories, seasonally adjusted	5	5	September 1974
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	March 1957
Value of building work done, current prices, states and territories	7	7	September 1958
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	September 1974
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	March 1957
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	September 1986
Construction work done, states and territories, chain volume measures, change from previous period	14	n.a.	..
Building Activity, work in the pipeline, Australia, current prices, original	15	11	June 2003
Building Activity, work in the pipeline, states and territories, current prices, original	15	12	June 2003
Number of dwellings approved but not yet commenced, states and territories, original	16	13	June 2003

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.

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.

FOR MORE INFORMATION . . .

INTERNET **www.abs.gov.au** the ABS website is the best place for data from our publications and information about the ABS.

INFORMATION AND REFERRAL SERVICE

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