

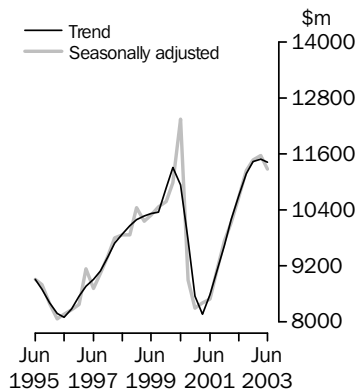
BUILDING ACTIVITY

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) MON 13 OCT 2003

Value of work done

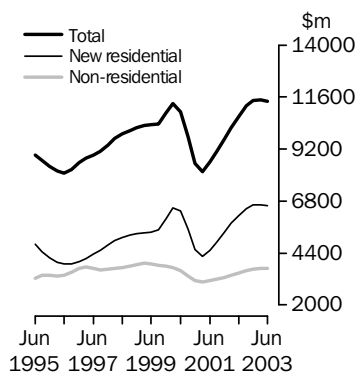
Volume terms



Value of work done

Volume terms

Trend estimates



KEY FIGURES

	Jun qtr 03	Mar qtr 03 to Jun qtr 03	Jun qtr 02 to Jun qtr 03
	\$m	% change	% change
TREND ESTIMATES (a)			
Value of work done	11 416.7	-0.5	6.6
New residential building	6 572.9	-0.8	7.0
Alterations and additions to residential building	1 166.7	0.3	6.6
Non-residential building	3 677.3	-0.4	5.8

SEASONALLY ADJUSTED ESTIMATES (a)

Value of work done	11 273.3	-2.5	5.5
New residential building	6 452.5	-3.3	4.3
Alterations and additions to residential building	1 161.3	-0.5	4.5
Non-residential building	3 659.5	-1.6	8.2

(a) Chain volume measures, reference year 2001-02.

KEY POINTS

VALUE OF WORK DONE, VOLUME TERMS

TREND ESTIMATES

- The trend estimate of the value of total building work done fell 0.5% in the June quarter 2003, following eight consecutive quarterly increases.
- New residential building work fell 0.8% in the latest quarter, with new houses down 2.6% but new other residential buildings up 3.0%—the ninth consecutive quarterly increase.
- Non-residential work done fell 0.4% following eight quarters of growth.

SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, total building work done fell 2.5% in the June quarter to \$11,273.3m, following nine quarterly increases.
- New residential work fell 3.3% to \$6,452.5m. New houses were down 5.6% to \$4,224.7m, but new other dwellings rose 1.3% to a record \$2,227.8m. Alterations and additions fell 0.5% to \$1,161.3m, only the second quarterly fall since the September quarter 2000.
- Work done on non-residential building fell 1.6% to \$3,659.5m.

ORIGINAL ESTIMATES

- In original terms, total building work done rose 5.9% to \$11,336.3m. New houses were up 1.2% to \$4,208.6m and new other dwellings up 9.4% to \$2,275.4m. Alterations and additions rose 9.7% to \$1,180.8m and non-residential work rose 8.3% to \$3,671.5m.

INQUIRIES

- For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Tony Bammann on Adelaide (08) 8237 7316.

NOTES

FORTHCOMING ISSUES

<i>ISSUE (Quarter)</i>	<i>RELEASE DATE</i>
September 2003	19 January 2004
December 2003	19 April 2004

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ABOUT THIS ISSUE

This publication contains detailed estimates from the quarterly Building Activity Survey. The data are subject to revision when returns from the following quarter are processed and final data for the June quarter 2003 will be released in *Building Activity, Australia* (cat. no. 8752.0) on 19 January 2004.

CHANGES IN THIS ISSUE

Quarterly chain volume data incorporate a new base year, 2001–02, which has resulted in revisions to growth rates, small in most cases, for subsequent periods. In addition, the reference year has been advanced to 2001–02, thereby preserving additivity in the quarters after the reference year. Re-referencing resulted in revisions to levels, but not growth rates, for all periods.

Seasonally adjusted and trend estimates have been revised as a result of the adoption of new seasonal adjustment methodology. Concurrent seasonal adjustment has replaced forward factor methodology for all seasonally adjusted series in this publication. See paragraphs 31 and 32 of the Explanatory Notes.

SIGNIFICANT REVISIONS THIS ISSUE

Some non-residential building work commenced in Western Australia in the September quarter 2002, previously classified as work commenced for the public sector, has now been reclassified as work commenced for the private sector. The revisions affect tables 5, 6 and 15. The corresponding work done from and including the September quarter 2002 has also been reclassified as work done for the private sector. The revisions affect tables 1, 2 and 13.

Compared with the estimates in original terms published in the previous issue of this publication:

- the total number of dwellings commenced during the March quarter 2003 has been revised downwards by 471 (–1.2%). This was mainly the result of downward revisions of 240 (–2.9%) in Queensland and 144 (–1.4%) in Victoria, and
- the total value of non-residential building work commenced during the March quarter has been revised downwards by \$38.2m (–1.0%), with the main contributor to the decrease being Queensland, \$21.6m (–4.3%).

Dennis Trewin
Australian Statistician

VALUE OF WORK COMMENCED VOLUME TERMS

TREND AND SEASONALLY ADJUSTED ESTIMATES

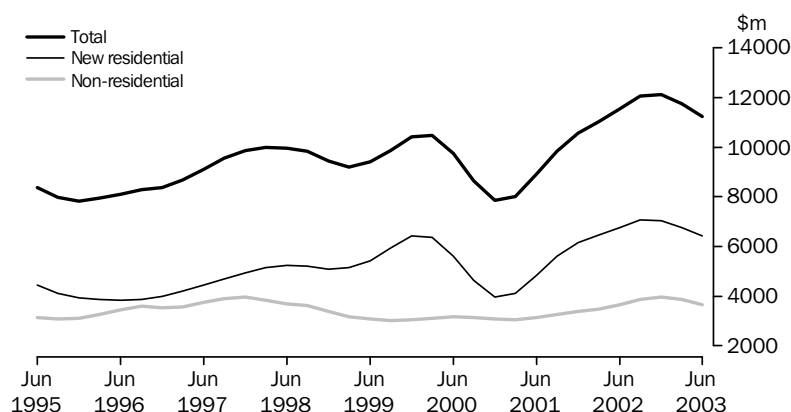
	<i>Jun qtr 03</i>	<i>Mar qtr 03 to Jun qtr 03</i>	<i>Jun qtr 02 to Jun qtr 03</i>
	\$m	% change	% change
TREND (a)			
Value of work commenced	11 234.6	-4.5	-2.7
New residential building	6 437.5	-4.8	-4.8
Alterations and additions to residential building	1 121.1	-0.7	-0.3
Non-residential building	3 672.3	-5.1	0.3
SEASONALLY ADJUSTED (a)			
Value of work commenced	11 072.1	-3.1	-1.8
New residential building	6 423.6	-3.3	-5.0
Alterations and additions to residential building	1 132.0	2.0	1.1
Non-residential building	3 516.6	-4.3	3.7

(a) Chain volume measures, reference year 2001–02.

TREND

- The trend estimate of the total value of building work commenced fell 4.5% in the June quarter 2003, following a 3.0% fall in the March quarter.
- Commencements in all categories of building fell. New residential buildings fell 4.8%, with new houses down 4.7% (the third consecutive quarterly fall), new other dwellings down 4.5% (the second quarterly fall) and alterations and additions down 0.7% (the third quarterly fall). Non-residential building fell 5.1% in the latest quarter, the second quarterly fall.

VALUE OF WORK COMMENCED IN VOLUME TERMS, Trend



SEASONALLY ADJUSTED

- In seasonally adjusted terms, the total value of building work commenced fell 3.1% in the June quarter 2003 to \$11,072.1m. This followed a 10.4% fall in the March quarter.
- Commencements of new residential buildings fell 3.3% (the third consecutive quarterly fall), with new houses down 2.8% to \$4,173.8m and new other residential buildings down 4.3% to \$2,249.8m. Alterations and additions rose 2.0% to \$1,132.0m.
- Non-residential work commenced fell 4.3% to \$3,516.6m, following a 17.5% fall in the March quarter.

VALUE OF WORK DONE VOLUME TERMS—JUNE QTR 2003

SUMMARY COMMENTS

In the June quarter 2003, the seasonally adjusted estimate of total building work done fell in all states and territories except South Australia.

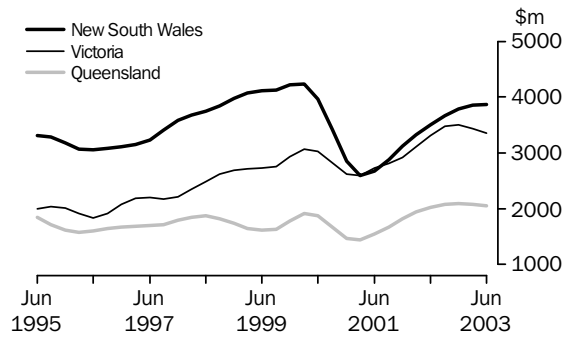
In original terms, only the Australian Capital Territory recorded a fall in total building work done, with the Northern Territory recording the largest increase (+27.7%) followed by South Australia (+13.6%) and Tasmania (+12.5%).

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
ORIGINAL (a)									
Value of work done									
New residential building (\$m)	2 108.1	1 842.2	1 303.4	325.7	673.4	61.8	42.9	126.5	6 484.0
Alterations and additions to residential building (\$m)	454.1	364.2	175.6	60.1	80.2	15.5	8.7	22.5	1 180.8
Non-residential building (\$m)	1 296.3	1 143.2	545.4	239.9	288.0	44.4	37.7	76.5	3 671.5
Total building (\$m)	3 858.5	3 349.6	2 024.4	625.7	1 041.5	121.7	89.3	225.5	11 336.3
Percentage change									
New residential building (%)	6.5	-0.7	4.5	9.6	3.7	8.1	26.2	5.1	3.9
Alterations and additions to residential building (%)	4.8	9.8	19.8	7.8	11.4	24.9	29.2	29.8	9.7
Non-residential building (%)	12.1	9.3	6.8	21.1	-7.7	14.9	29.2	-21.2	8.3
Total building (%)	8.1	3.6	6.3	13.6	0.8	12.5	27.7	-4.0	5.9
SEASONALLY ADJUSTED (a)									
Value of work done									
New residential building (\$m)	2 098.0	1 798.1	1 303.0	330.1	683.1	61.1	na	112.8	6 452.5
Alterations and additions to residential building (\$m)	461.0	347.2	175.2	61.0	76.8	13.8	na	21.6	1 161.3
Non-residential building (\$m)	1 270.0	1 132.9	523.6	235.0	296.5	39.7	na	81.5	3 659.5
Total building (\$m)	3 829.0	3 278.1	2 001.7	626.0	1 056.4	114.6	80.8	215.9	11 273.3
Percentage change									
New residential building (%)	-3.1	-8.9	-4.3	6.8	2.6	0.5	na	-16.3	-3.3
Alterations and additions to residential building (%)	2.1	-3.6	5.7	2.4	1.0	-5.9	na	6.9	-0.5
Non-residential building (%)	2.4	-3.0	-9.1	9.2	-11.7	-11.2	na	-18.3	-1.6
Total building (%)	-0.7	-6.4	-4.9	7.2	-2.0	-4.6	-2.8	-15.3	-2.5
na	not available								
	(a) Chain volume measures, reference year 2001-02.								

VALUE OF WORK DONE VOLUME TERMS

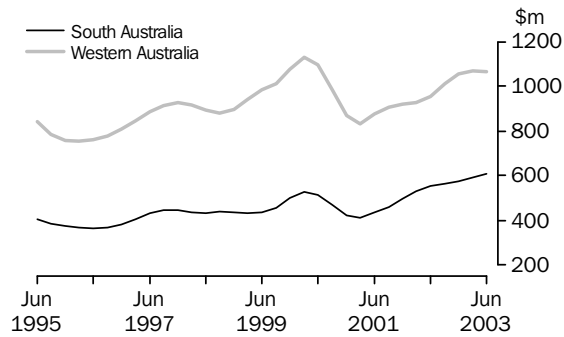
TREND ESTIMATES

New South Wales
Victoria
Queensland



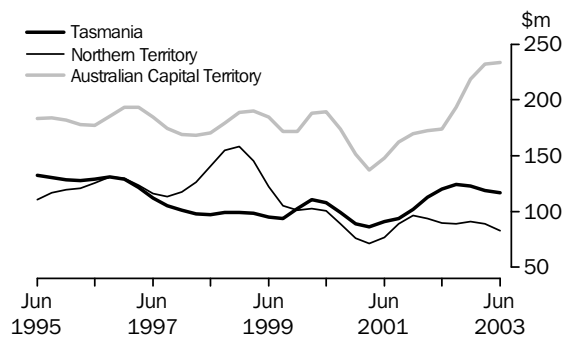
The trend estimate of the total value of building work done fell over the last two quarters in both Victoria and Queensland. While continuing to climb in New South Wales, the rate of growth has slowed considerably over recent quarters.

South Australia
Western Australia



The trend estimate of the total value of building work done continued to rise in South Australia but fell marginally in Western Australia in the June quarter following a period of sustained growth.

Tasmania
Northern Territory
Australian Capital Territory



The trend estimate of the total value of building work done has continued to climb in the Australian Capital Territory, albeit at a sharply reduced rate of growth in the June quarter 2003. In Tasmania the trend has fallen for the last three quarters, while it has declined in five of the last six quarters for the Northern Territory.

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

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING		
	Private	Total	Private	Total	Private	Public	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL							
2000-01	21 003.5	21 573.0	8 955.3	12 514.1	29 968.7	4 128.4	34 100.9
2001-02	25 817.2	26 451.4	9 540.5	13 205.5	35 357.7	4 299.1	39 656.9
2002-03	30 235.9	30 845.2	11 206.3	14 703.8	41 442.1	4 106.8	45 549.0
2002							
Mar Qtr	6 156.5	6 302.4	2 297.2	3 108.4	8 454.1	957.3	9 410.5
Jun Qtr	7 207.9	7 363.0	2 439.3	3 413.2	9 646.1	1 129.2	10 774.6
Sep Qtr	7 675.8	7 815.3	2 850.7	3 838.8	10 526.4	1 127.7	11 654.1
Dec Qtr	7 887.9	8 048.6	2 877.8	3 804.7	10 765.7	1 087.6	11 853.3
2003							
Mar Qtr	7 177.4	7 316.5	2 618.7	3 388.8	9 796.2	909.1	10 705.3
Jun Qtr	7 494.7	7 664.8	2 859.1	3 671.5	10 353.8	982.5	11 336.3
SEASONALLY ADJUSTED							
2002							
Mar Qtr	6 584.3	6 747.9	2 489.2	3 374.4	9 074.0	1 048.7	10 122.6
Jun Qtr	7 150.9	7 298.9	2 448.8	3 382.9	9 598.4	1 082.3	10 680.6
Sep Qtr	7 406.1	7 541.4	2 725.7	3 696.0	10 131.8	1 105.7	11 237.4
Dec Qtr	7 688.6	7 847.0	2 719.4	3 628.0	10 408.0	1 067.0	11 475.1
2003							
Mar Qtr	7 688.3	7 843.0	2 881.9	3 720.3	10 570.2	993.0	11 563.2
Jun Qtr	7 452.9	7 613.8	2 879.2	3 659.5	10 332.1	941.1	11 273.3
TREND							
2002							
Mar Qtr	6 678.6	6 838.3	2 443.3	3 358.7	9 121.7	1 075.0	10 196.7
Jun Qtr	7 088.1	7 238.2	2 540.6	3 474.3	9 628.4	1 083.8	10 712.0
Sep Qtr	7 445.5	7 590.7	2 649.7	3 592.8	10 094.8	1 088.4	11 183.1
Dec Qtr	7 610.5	7 760.4	2 759.8	3 668.0	10 369.6	1 057.7	11 428.9
2003							
Mar Qtr	7 629.3	7 785.9	2 844.3	3 690.9	10 473.3	1 003.2	11 476.9
Jun Qtr	7 578.4	7 740.8	2 891.2	3 677.3	10 473.5	941.8	11 416.7

(a) Chain volume measures, reference year 2001-02.

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

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING		
	Private	Total	Private	Total	Private	Public	Total
	%	%	%	%	%	%	%
ORIGINAL							
2000-01	-27.0	-26.6	-20.5	-17.0	-25.0	-7.0	-23.1
2001-02	22.9	22.6	6.5	5.5	18.0	4.1	16.3
2002-03	17.1	16.6	17.5	11.3	17.2	-4.5	14.9
2002							
Mar Qtr	-5.1	-5.3	-7.2	-8.9	-5.6	-13.8	-6.5
Jun Qtr	17.1	16.8	6.2	9.8	14.1	18.0	14.5
Sep Qtr	6.5	6.1	16.9	12.5	9.1	-0.1	8.2
Dec Qtr	2.8	3.0	1.0	-0.9	2.3	-3.6	1.7
2003							
Mar Qtr	-9.0	-9.1	-9.0	-10.9	-9.0	-16.4	-9.7
Jun Qtr	4.4	4.8	9.2	8.3	5.7	8.1	5.9
SEASONALLY ADJUSTED							
2002							
Mar Qtr	4.8	4.6	5.0	2.7	4.8	-3.3	3.9
Jun Qtr	8.6	8.2	-1.6	0.3	5.8	3.2	5.5
Sep Qtr	3.6	3.3	11.3	9.3	5.6	2.2	5.2
Dec Qtr	3.8	4.1	-0.2	-1.8	2.7	-3.5	2.1
2003							
Mar Qtr	—	-0.1	6.0	2.5	1.6	-6.9	0.8
Jun Qtr	-3.1	-2.9	-0.1	-1.6	-2.3	-5.2	-2.5
TREND							
2002							
Mar Qtr	7.3	7.1	4.0	3.2	6.4	0.5	5.8
Jun Qtr	6.1	5.8	4.0	3.4	5.6	0.8	5.1
Sep Qtr	5.0	4.9	4.3	3.4	4.8	0.4	4.4
Dec Qtr	2.2	2.2	4.2	2.1	2.7	-2.8	2.2
2003							
Mar Qtr	0.2	0.3	3.1	0.6	1.0	-5.2	0.4
Jun Qtr	-0.7	-0.6	1.6	-0.4	—	-6.1	-0.5

— nil or rounded to zero (including null cells)

(a) Chain volume measures, reference year 2001-02.

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

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	12 211.8	12 376.7	5 460.3	5 721.2	17 675.1	18 101.7	3 329.0	3 471.8	21 003.5	21 573.0
2001-02	15 322.3	15 539.0	6 512.1	6 760.2	21 834.4	22 299.3	3 982.9	4 152.1	25 817.2	26 451.4
2002-03	17 454.0	17 700.4	8 338.1	8 524.3	25 792.1	26 224.8	4 443.8	4 620.4	30 235.9	30 845.2
2002										
Mar Qtr	3 660.7	3 713.5	1 601.3	1 655.7	5 262.5	5 369.7	893.6	932.3	6 156.5	6 302.4
Jun Qtr	4 271.3	4 328.6	1 858.2	1 905.0	6 129.8	6 233.7	1 077.8	1 129.0	7 207.9	7 363.0
Sep Qtr	4 555.7	4 610.7	1 986.4	2 037.7	6 542.2	6 648.4	1 133.6	1 166.9	7 675.8	7 815.3
Dec Qtr	4 649.6	4 721.3	2 080.4	2 130.5	6 730.1	6 851.8	1 157.9	1 196.8	7 887.9	8 048.6
2003										
Mar Qtr	4 105.3	4 159.9	2 040.8	2 080.7	6 146.1	6 240.6	1 031.3	1 075.9	7 177.4	7 316.5
Jun Qtr	4 143.3	4 208.6	2 230.5	2 275.4	6 373.8	6 484.0	1 121.0	1 180.8	7 494.7	7 664.8
SEASONALLY ADJUSTED										
2002										
Mar Qtr	3 910.3	3 969.9	1 691.5	1 753.7	5 602.1	5 723.9	981.8	1 023.7	6 584.3	6 747.9
Jun Qtr	4 264.5	4 321.5	1 815.3	1 866.3	6 079.8	6 187.8	1 070.7	1 110.8	7 150.9	7 298.9
Sep Qtr	4 368.9	4 424.8	1 935.7	1 981.4	6 304.6	6 406.2	1 101.5	1 135.2	7 406.1	7 541.4
Dec Qtr	4 510.2	4 574.4	2 069.0	2 115.8	6 579.3	6 690.1	1 109.3	1 156.9	7 688.6	7 847.0
2003										
Mar Qtr	4 415.4	4 476.6	2 154.2	2 199.4	6 569.5	6 676.0	1 118.8	1 167.0	7 688.3	7 843.0
Jun Qtr	4 159.5	4 224.7	2 179.3	2 227.8	6 338.7	6 452.5	1 114.1	1 161.3	7 452.9	7 613.8
TREND										
2002										
Mar Qtr	3 972.9	4 031.4	1 693.0	1 753.5	5 666.1	5 784.9	1 012.3	1 053.2	6 678.6	6 838.3
Jun Qtr	4 213.8	4 272.5	1 818.0	1 870.8	6 032.0	6 143.4	1 055.9	1 094.5	7 088.1	7 238.2
Sep Qtr	4 406.0	4 464.4	1 944.7	1 991.8	6 350.8	6 456.2	1 094.6	1 134.3	7 445.5	7 590.7
Dec Qtr	4 444.6	4 505.3	2 053.7	2 099.4	6 498.3	6 604.7	1 112.8	1 156.1	7 610.5	7 760.4
2003										
Mar Qtr	4 375.1	4 438.2	2 138.3	2 184.7	6 513.4	6 622.8	1 116.0	1 163.1	7 629.3	7 785.9
Jun Qtr	4 258.4	4 323.5	2 202.0	2 249.4	6 460.4	6 572.9	1 117.0	1 166.7	7 578.4	7 740.8

(a) Chain volume measures, reference year 2001-02.

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

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%	%	%	%	%
ORIGINAL										
2000-01	-30.4	-30.5	-20.2	-19.3	-27.5	-27.2	-24.3	-23.4	-27.0	-26.6
2001-02	25.5	25.6	19.3	18.2	23.5	23.2	19.6	19.6	22.9	22.6
2002-03	13.9	13.9	28.0	26.1	18.1	17.6	11.6	11.3	17.1	16.6
2002										
Mar Qtr	-4.8	-5.0	0.9	-0.1	-3.1	-3.5	-15.3	-14.5	-5.1	-5.3
Jun Qtr	16.7	16.6	16.0	15.1	16.5	16.1	20.6	21.1	17.1	16.8
Sep Qtr	6.7	6.5	6.9	7.0	6.7	6.7	5.2	3.4	6.5	6.1
Dec Qtr	2.1	2.4	4.7	4.6	2.9	3.1	2.1	2.6	2.8	3.0
2003										
Mar Qtr	-11.7	-11.9	-1.9	-2.3	-8.7	-8.9	-10.9	-10.1	-9.0	-9.1
Jun Qtr	0.9	1.2	9.3	9.4	3.7	3.9	8.7	9.7	4.4	4.8
SEASONALLY ADJUSTED										
2002										
Mar Qtr	5.1	5.0	7.3	6.7	5.8	5.5	-0.7	-0.7	4.8	4.6
Jun Qtr	9.1	8.9	7.3	6.4	8.5	8.1	9.1	8.5	8.6	8.2
Sep Qtr	2.4	2.4	6.6	6.2	3.7	3.5	2.9	2.2	3.6	3.3
Dec Qtr	3.2	3.4	6.9	6.8	4.4	4.4	0.7	1.9	3.8	4.1
2003										
Mar Qtr	-2.1	-2.1	4.1	4.0	-0.1	-0.2	0.9	0.9	—	-0.1
Jun Qtr	-5.8	-5.6	1.2	1.3	-3.5	-3.3	-0.4	-0.5	-3.1	-2.9
TREND										
2002										
Mar Qtr	7.7	7.7	8.5	7.8	8.0	7.8	4.0	3.6	7.3	7.1
Jun Qtr	6.1	6.0	7.4	6.7	6.5	6.2	4.3	3.9	6.1	5.8
Sep Qtr	4.6	4.5	7.0	6.5	5.3	5.1	3.7	3.6	5.0	4.9
Dec Qtr	0.9	0.9	5.6	5.4	2.3	2.3	1.7	1.9	2.2	2.2
2003										
Mar Qtr	-1.6	-1.5	4.1	4.1	0.2	0.3	0.3	0.6	0.2	0.3
Jun Qtr	-2.7	-2.6	3.0	3.0	-0.8	-0.8	0.1	0.3	-0.7	-0.6

— nil or rounded to zero (including null cells)

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK COMMENCED, Chain volume measures(a)

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m

ORIGINAL

2000-01	19 522.5	20 145.5	9 342.9	12 501.6	28 863.1	32 641.8
2001-02	28 757.7	29 383.0	9 979.3	13 565.8	38 737.0	42 948.9
2002-03	31 317.3	31 973.8	12 201.8	15 312.0	43 519.0	47 285.8
2002						
Mar Qtr	6 683.9	6 829.6	2 749.8	3 847.1	9 431.9	10 674.5
Jun Qtr	7 632.6	7 765.5	2 349.2	3 482.0	9 980.4	11 246.3
Sep Qtr	8 678.4	8 842.2	2 764.5	3 452.6	11 442.0	12 294.0
Dec Qtr	8 245.1	8 411.1	3 636.8	4 541.9	11 881.8	12 953.0
2003						
Mar Qtr	7 170.9	7 317.6	2 891.0	3 691.6	10 062.3	11 009.7
Jun Qtr	7 222.9	7 402.9	2 909.5	3 625.8	10 132.8	11 029.1

SEASONALLY ADJUSTED

2002						
Mar Qtr	7 043.2	7 204.1	na	3 825.1	9 948.9	11 026.9
Jun Qtr	7 755.0	7 882.0	na	3 390.0	10 000.0	11 272.8
Sep Qtr	8 215.6	8 369.2	na	3 670.6	11 062.0	12 039.8
Dec Qtr	8 124.5	8 294.9	na	4 451.8	11 629.2	12 746.7
2003						
Mar Qtr	7 594.9	7 754.2	na	3 673.0	10 654.2	11 427.2
Jun Qtr	7 382.3	7 555.5	na	3 516.6	10 173.6	11 072.1

TREND

2002						
Mar Qtr	7 404.2	7 551.3	2 569.0	3 479.6	9 973.1	11 030.5
Jun Qtr	7 743.0	7 886.6	2 664.3	3 661.7	10 407.2	11 548.0
Sep Qtr	8 054.4	8 204.8	2 896.5	3 857.1	10 951.0	12 062.0
Dec Qtr	8 013.5	8 173.6	3 124.8	3 953.8	11 136.3	12 127.8
2003						
Mar Qtr	7 722.3	7 890.0	3 142.0	3 871.6	10 862.1	11 760.5
Jun Qtr	7 403.8	7 573.9	2 966.4	3 672.3	10 380.1	11 234.6

na not available

(a) Chain volume measures, reference year 2001-02.

6

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

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%
ORIGINAL						
2000-01	-32.1	-31.3	5.5	-0.6	-22.5	-21.4
2001-02	47.3	45.9	6.8	8.5	34.2	31.6
2002-03	8.9	8.8	22.3	12.9	12.3	10.1
2002						
Mar Qtr	-9.0	-8.9	1.7	14.1	-6.1	-1.7
Jun Qtr	14.2	13.7	-14.6	-9.5	5.8	5.4
Sep Qtr	13.7	13.9	17.7	-0.8	14.6	9.3
Dec Qtr	-5.0	-4.9	31.6	31.6	3.8	5.4
2003						
Mar Qtr	-13.0	-13.0	-20.5	-18.7	-15.3	-15.0
Jun Qtr	0.7	1.2	0.6	-1.8	0.7	0.2
SEASONALLY ADJUSTED						
2002						
Mar Qtr	-2.7	-2.6	na	15.6	1.1	3.0
Jun Qtr	10.1	9.4	na	-11.4	0.5	2.2
Sep Qtr	5.9	6.2	na	8.3	10.6	6.8
Dec Qtr	-1.1	-0.9	na	21.3	5.1	5.9
2003						
Mar Qtr	-6.5	-6.5	na	-17.5	-8.4	-10.4
Jun Qtr	-2.8	-2.6	na	-4.3	-4.5	-3.1
TREND						
2002						
Mar Qtr	5.5	5.1	0.5	2.8	4.2	4.4
Jun Qtr	4.6	4.4	3.7	5.2	4.4	4.7
Sep Qtr	4.0	4.0	8.7	5.3	5.2	4.5
Dec Qtr	-0.5	-0.4	7.9	2.5	1.7	0.5
2003						
Mar Qtr	-3.6	-3.5	0.6	-2.1	-2.5	-3.0
Jun Qtr	-4.1	-4.0	-5.6	-5.1	-4.4	-4.5

na not available

(a) Chain volume measures, reference year 2001-02.

VALUE OF RESIDENTIAL BUILDING WORK COMMENCED, Chain volume measures(a)

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	10 987.0	11 147.6	5 327.2	5 614.2	16 314.0	16 761.5	3 211.2	3 386.9	19 522.5	20 145.5
2001-02	16 916.9	17 143.8	7 803.4	8 034.7	24 720.3	25 178.4	4 037.4	4 204.6	28 757.7	29 383.0
2002-03	17 527.4	17 785.2	9 409.2	9 638.1	26 936.6	27 423.3	4 380.6	4 550.5	31 317.3	31 973.8
2002										
Mar Qtr	4 036.9	4 086.0	1 675.5	1 726.0	5 713.9	5 813.4	970.2	1 016.4	6 683.9	6 829.6
Jun Qtr	4 459.4	4 508.6	2 067.5	2 107.7	6 528.8	6 618.0	1 103.9	1 147.5	7 632.6	7 765.5
Sep Qtr	4 958.2	5 027.4	2 536.3	2 604.5	7 495.2	7 631.9	1 183.0	1 209.5	8 678.4	8 842.2
Dec Qtr	4 477.3	4 555.0	2 678.4	2 717.4	7 155.7	7 272.4	1 089.3	1 138.6	8 245.1	8 411.1
2003										
Mar Qtr	3 999.5	4 049.7	2 179.8	2 226.1	6 178.9	6 275.8	992.0	1 042.3	7 170.9	7 317.6
Jun Qtr	4 092.5	4 153.1	2 014.6	2 090.1	6 106.8	6 243.2	1 116.3	1 160.1	7 222.9	7 402.9
SEASONALLY ADJUSTED										
2002										
Mar Qtr	4 259.1	4 316.1	1 741.3	1 803.0	6 001.3	6 120.0	1 042.3	1 084.6	7 043.2	7 204.1
Jun Qtr	4 450.8	4 503.8	2 221.2	2 257.9	6 673.0	6 762.5	1 082.0	1 119.6	7 755.0	7 882.0
Sep Qtr	4 726.8	4 808.7	2 364.3	2 394.3	7 091.1	7 203.0	1 124.5	1 166.2	8 215.6	8 369.2
Dec Qtr	4 454.1	4 508.7	2 574.1	2 644.2	7 028.2	7 152.9	1 096.3	1 142.0	8 124.5	8 294.9
2003										
Mar Qtr	4 236.7	4 294.0	2 292.6	2 349.8	6 529.3	6 643.9	1 065.6	1 110.3	7 594.9	7 754.2
Jun Qtr	4 109.8	4 173.8	2 178.2	2 249.8	6 288.1	6 423.6	1 094.2	1 132.0	7 382.3	7 555.5
TREND										
2002										
Mar Qtr	4 405.2	4 466.1	1 958.3	2 008.2	6 364.1	6 474.9	1 040.2	1 076.4	7 404.2	7 551.3
Jun Qtr	4 515.8	4 579.4	2 140.0	2 182.0	6 656.6	6 762.0	1 086.5	1 124.8	7 743.0	7 886.6
Sep Qtr	4 568.5	4 632.9	2 379.5	2 422.6	6 948.3	7 055.7	1 106.2	1 149.1	8 054.4	8 204.8
Dec Qtr	4 475.6	4 538.8	2 442.0	2 494.6	6 916.0	7 032.2	1 097.7	1 141.4	8 013.5	8 173.6
2003										
Mar Qtr	4 286.0	4 346.2	2 350.8	2 415.2	6 636.6	6 761.5	1 085.7	1 128.8	7 722.3	7 890.0
Jun Qtr	4 084.0	4 141.4	2 240.4	2 305.7	6 326.0	6 437.5	1 080.1	1 121.1	7 403.8	7 573.9

(a) Chain volume measures, reference year 2001-02.

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

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%	%	%	%	%
ORIGINAL										
2000-01	-39.0	-38.9	-19.7	-18.1	-33.6	-33.0	-22.8	-21.1	-32.1	-31.3
2001-02	54.0	53.8	46.5	43.1	51.5	50.2	25.7	24.1	47.3	45.9
2002-03	3.6	3.7	20.6	20.0	9.0	8.9	8.5	8.2	8.9	8.8
2002										
Mar Qtr	-7.6	-8.3	-16.3	-15.2	-10.3	-10.4	-0.2	1.5	-9.0	-8.9
Jun Qtr	10.5	10.3	23.4	22.1	14.3	13.8	13.8	12.9	14.2	13.7
Sep Qtr	11.2	11.5	22.7	23.6	14.8	15.3	7.2	5.4	13.7	13.9
Dec Qtr	-9.7	-9.4	5.6	4.3	-4.5	-4.7	-7.9	-5.9	-5.0	-4.9
2003										
Mar Qtr	-10.7	-11.1	-18.6	-18.1	-13.7	-13.7	-8.9	-8.5	-13.0	-13.0
Jun Qtr	2.3	2.6	-7.6	-6.1	-1.2	-0.5	12.5	11.3	0.7	1.2
SEASONALLY ADJUSTED										
2002										
Mar Qtr	-1.8	-2.0	-9.8	-9.4	-4.3	-4.3	7.2	8.5	-2.7	-2.6
Jun Qtr	4.5	4.3	27.6	25.2	11.2	10.5	3.8	3.2	10.1	9.4
Sep Qtr	6.2	6.8	6.4	6.0	6.3	6.5	3.9	4.2	5.9	6.2
Dec Qtr	-5.8	-6.2	8.9	10.4	-0.9	-0.7	-2.5	-2.1	-1.1	-0.9
2003										
Mar Qtr	-4.9	-4.8	-10.9	-11.1	-7.1	-7.1	-2.8	-2.8	-6.5	-6.5
Jun Qtr	-3.0	-2.8	-5.0	-4.3	-3.7	-3.3	2.7	2.0	-2.8	-2.6
TREND										
2002										
Mar Qtr	5.4	5.4	5.6	4.6	5.5	5.1	5.8	5.1	5.5	5.1
Jun Qtr	2.5	2.5	9.3	8.7	4.6	4.4	4.5	4.5	4.6	4.4
Sep Qtr	1.2	1.2	11.2	11.0	4.4	4.3	1.8	2.2	4.0	4.0
Dec Qtr	-2.0	-2.0	2.6	3.0	-0.5	-0.3	-0.8	-0.7	-0.5	-0.4
2003										
Mar Qtr	-4.2	-4.2	-3.7	-3.2	-4.0	-3.9	-1.1	-1.1	-3.6	-3.5
Jun Qtr	-4.7	-4.7	-4.7	-4.5	-4.7	-4.8	-0.5	-0.7	-4.1	-4.0

(a) Chain volume measures, reference year 2001-02.

VALUE OF TOTAL BUILDING WORK DONE, States and territories—Chain volume measures(a)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
2000-01	11 267.4	10 507.5	5 945.1	1 685.6	3 447.8	347.6	312.2	593.7	34 100.9
2001-02	12 851.7	12 130.1	7 463.6	2 037.4	3 698.1	430.9	361.5	683.6	39 656.9
2002-03	15 180.5	13 779.8	8 288.4	2 353.0	4 236.6	480.4	355.9	874.5	45 549.0
2002									
Mar Qtr	3 090.4	2 793.3	1 829.4	497.8	865.7	94.0	93.2	143.8	9 410.5
Jun Qtr	3 504.0	3 393.4	2 027.3	548.0	906.9	132.1	81.0	182.8	10 774.6
Sep Qtr	3 715.2	3 706.4	2 172.9	590.9	1 065.3	123.1	90.6	189.7	11 654.1
Dec Qtr	4 037.7	3 489.7	2 186.1	585.3	1 096.6	127.3	106.1	224.5	11 853.3
2003									
Mar Qtr	3 569.1	3 234.1	1 904.9	551.0	1 033.2	108.2	69.9	234.8	10 705.3
Jun Qtr	3 858.5	3 349.6	2 024.4	625.7	1 041.5	121.7	89.3	225.5	11 336.3
SEASONALLY ADJUSTED									
2002									
Mar Qtr	3 341.7	3 031.7	2 024.5	528.8	902.9	105.4	108.2	159.7	10 122.6
Jun Qtr	3 469.7	3 319.3	1 990.3	548.4	918.5	125.1	72.3	175.4	10 680.6
Sep Qtr	3 639.1	3 557.0	2 062.5	585.9	1 050.9	125.0	89.7	188.0	11 237.4
Dec Qtr	3 855.5	3 442.7	2 120.4	557.1	1 051.5	120.6	102.1	215.9	11 475.1
2003									
Mar Qtr	3 856.9	3 502.0	2 103.8	583.9	1 077.9	120.2	83.2	254.8	11 563.2
Jun Qtr	3 829.0	3 278.1	2 001.7	626.0	1 056.4	114.6	80.8	215.9	11 273.3
TREND									
2002									
Mar Qtr	3 331.3	3 102.4	1 936.7	531.0	928.1	112.9	93.8	172.2	10 196.7
Jun Qtr	3 500.6	3 305.3	2 023.9	555.1	953.5	120.2	89.8	173.7	10 712.0
Sep Qtr	3 664.0	3 473.0	2 081.2	565.3	1 010.2	123.9	89.0	193.2	11 183.1
Dec Qtr	3 789.4	3 497.3	2 092.1	575.0	1 055.6	122.6	90.8	218.5	11 428.9
2003									
Mar Qtr	3 853.7	3 433.4	2 082.6	589.9	1 069.9	118.8	89.0	232.1	11 476.9
Jun Qtr	3 867.5	3 348.7	2 044.8	607.0	1 066.2	116.5	82.7	233.4	11 416.7

(a) Chain volume measures, reference year 2001-02.

VALUE OF TOTAL BUILDING WORK DONE, States and territories—Chain volume measures(a)—Change from previous period

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	%	%	%	%	%	%	%	%	%
.....									
ORIGINAL									
2000-01	-33.0	-12.6	-19.4	-18.4	-21.9	-19.7	-23.9	-18.9	-23.1
2001-02	14.1	15.4	25.5	20.9	7.3	24.0	15.8	15.1	16.3
2002-03	18.1	13.6	11.1	15.5	14.6	11.5	-1.6	27.9	14.9
2002									
Mar Qtr	-7.7	-6.2	1.3	-6.4	-13.1	-17.3	-8.7	-26.6	-6.5
Jun Qtr	13.4	21.5	10.8	10.1	4.8	40.6	-13.1	27.1	14.5
Sep Qtr	6.0	9.2	7.2	7.8	17.5	-6.8	11.8	3.7	8.2
Dec Qtr	8.7	-5.8	0.6	-1.0	2.9	3.4	17.1	18.4	1.7
2003									
Mar Qtr	-11.6	-7.3	-12.9	-5.9	-5.8	-15.0	-34.1	4.6	-9.7
Jun Qtr	8.1	3.6	6.3	13.6	0.8	12.5	27.7	-4.0	5.9
.....									
SEASONALLY ADJUSTED									
2002									
Mar Qtr	5.1	3.7	16.6	4.6	-5.7	-2.7	11.4	-14.5	3.9
Jun Qtr	3.8	9.5	-1.7	3.7	1.7	18.7	-33.2	9.8	5.5
Sep Qtr	4.9	7.2	3.6	6.8	14.4	—	24.1	7.1	5.2
Dec Qtr	5.9	-3.2	2.8	-4.9	0.1	-3.5	13.9	14.9	2.1
2003									
Mar Qtr	—	1.7	-0.8	4.8	2.5	-0.4	-18.6	18.0	0.8
Jun Qtr	-0.7	-6.4	-4.9	7.2	-2.0	-4.6	-2.8	-15.3	-2.5
.....									
TREND									
2002									
Mar Qtr	6.6	6.3	6.8	7.2	0.8	11.2	-2.5	1.6	5.8
Jun Qtr	5.1	6.5	4.5	4.5	2.7	6.5	-4.3	0.9	5.1
Sep Qtr	4.7	5.1	2.8	1.9	5.9	3.0	-0.9	11.2	4.4
Dec Qtr	3.4	0.7	0.5	1.7	4.5	-1.1	2.0	13.1	2.2
2003									
Mar Qtr	1.7	-1.8	-0.5	2.6	1.4	-3.1	-1.9	6.2	0.4
Jun Qtr	0.4	-2.5	-1.8	2.9	-0.3	-1.9	-7.1	0.6	-0.5

— nil or rounded to zero (including null cells)

(a) Chain volume measures, reference year 2001-02.

Original

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
NEW RESIDENTIAL BUILDING									
2000-01	5 835.7	5 615.4	3 126.9	875.9	2 119.7	142.5	141.3	251.2	18 101.7
2001-02	7 008.2	6 727.5	4 460.2	1 065.3	2 368.4	196.8	154.8	318.1	22 299.3
2002-03	8 449.3	7 690.9	5 272.4	1 256.3	2 674.3	240.6	172.6	468.3	26 224.8
2002									
Mar Qtr	1 697.9	1 596.3	1 082.7	267.0	578.9	48.9	31.6	65.8	5 369.7
Jun Qtr	1 983.4	1 909.8	1 238.8	294.1	611.6	58.9	37.1	100.1	6 233.7
Sep Qtr	2 099.9	2 023.3	1 340.3	317.8	661.2	59.1	44.5	102.2	6 648.4
Dec Qtr	2 262.3	1 969.5	1 381.0	315.6	690.5	62.5	51.2	119.2	6 851.8
2003									
Mar Qtr	1 979.0	1 856.0	1 247.6	297.2	649.2	57.2	34.0	120.4	6 240.6
Jun Qtr	2 108.1	1 842.2	1 303.4	325.7	673.4	61.8	42.9	126.5	6 484.0
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDING									
2000-01	1 253.5	1 239.8	428.3	167.8	251.9	50.2	23.6	57.1	3 471.8
2001-02	1 512.0	1 453.2	539.7	193.9	286.1	64.7	23.1	79.5	4 152.1
2002-03	1 793.8	1 425.6	692.7	234.9	299.4	59.3	29.7	85.1	4 620.4
2002									
Mar Qtr	335.4	327.1	123.4	46.5	65.2	11.2	5.2	18.4	932.3
Jun Qtr	421.1	396.5	142.5	48.8	77.3	15.6	5.6	21.5	1 129.0
Sep Qtr	443.3	369.5	184.6	54.5	71.6	14.4	6.6	22.4	1 166.9
Dec Qtr	463.2	360.0	185.9	64.5	75.6	16.9	7.7	22.9	1 196.8
2003									
Mar Qtr	433.3	331.8	146.6	55.7	72.0	12.4	6.7	17.3	1 075.9
Jun Qtr	454.1	364.2	175.6	60.1	80.2	15.5	8.7	22.5	1 180.8
NON-RESIDENTIAL BUILDING									
2000-01	4 172.4	3 651.2	2 381.8	641.8	1 075.5	154.8	147.3	284.3	12 514.1
2001-02	4 331.5	3 949.5	2 463.7	778.2	1 043.7	169.3	183.5	286.0	13 205.5
2002-03	4 937.3	4 663.3	2 323.4	861.7	1 262.9	180.5	153.6	321.1	14 703.8
2002									
Mar Qtr	1 057.0	870.0	622.1	184.4	222.1	33.9	56.4	59.4	3 108.4
Jun Qtr	1 100.8	1 087.2	645.1	205.3	218.5	57.5	38.3	61.2	3 413.2
Sep Qtr	1 172.0	1 313.6	648.0	218.6	332.5	49.5	39.5	65.1	3 838.8
Dec Qtr	1 312.3	1 160.1	619.2	205.1	330.4	47.9	47.2	82.4	3 804.7
2003									
Mar Qtr	1 156.7	1 046.3	510.8	198.1	312.1	38.6	29.2	97.1	3 388.8
Jun Qtr	1 296.3	1 143.2	545.4	239.9	288.0	44.4	37.7	76.5	3 671.5
TOTAL BUILDING									
2000-01	11 267.4	10 507.5	5 945.1	1 685.6	3 447.8	347.6	312.2	593.7	34 100.9
2001-02	12 851.7	12 130.1	7 463.6	2 037.4	3 698.1	430.9	361.5	683.6	39 656.9
2002-03	15 180.5	13 779.8	8 288.4	2 353.0	4 236.6	480.4	355.9	874.5	45 549.0
2002									
Mar Qtr	3 090.4	2 793.3	1 829.4	497.8	865.7	94.0	93.2	143.8	9 410.5
Jun Qtr	3 504.0	3 393.4	2 027.3	548.0	906.9	132.1	81.0	182.8	10 774.6
Sep Qtr	3 715.2	3 706.4	2 172.9	590.9	1 065.3	123.1	90.6	189.7	11 654.1
Dec Qtr	4 037.7	3 489.7	2 186.1	585.3	1 096.6	127.3	106.1	224.5	11 853.3
2003									
Mar Qtr	3 569.1	3 234.1	1 904.9	551.0	1 033.2	108.2	69.9	234.8	10 705.3
Jun Qtr	3 858.5	3 349.6	2 024.4	625.7	1 041.5	121.7	89.3	225.5	11 336.3

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK COMMENCED, States and territories—Chain volume measures(a): **Original**

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
NEW RESIDENTIAL BUILDING									
2000-01	5 239.0	5 511.5	2 881.4	808.8	1 804.6	129.3	145.1	248.2	16 761.5
2001-02	7 922.3	7 644.0	5 057.4	1 236.2	2 558.2	223.3	164.7	372.2	25 178.4
2002-03	8 275.1	8 065.9	5 952.7	1 379.7	2 822.8	244.0	166.7	516.4	27 423.3
2002									
Mar Qtr	1 721.8	1 841.1	1 233.5	277.9	587.8	60.4	23.3	67.7	5 813.4
Jun Qtr	2 064.6	1 992.1	1 407.8	318.3	644.5	60.9	43.1	85.7	6 618.0
Sep Qtr	2 123.6	2 375.4	1 756.9	344.5	768.8	58.7	46.2	157.9	7 631.9
Dec Qtr	2 525.3	2 018.9	1 461.6	387.9	632.9	55.3	43.2	147.4	7 272.4
2003									
Mar Qtr	1 930.5	1 863.9	1 216.7	305.1	767.2	52.4	34.2	105.8	6 275.8
Jun Qtr	1 695.6	1 807.7	1 517.5	342.2	654.0	77.6	43.2	105.3	6 243.2
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDING									
2000-01	1 189.2	1 180.0	448.6	168.6	281.8	45.1	23.4	49.1	3 386.9
2001-02	1 536.8	1 500.2	538.8	197.4	267.7	56.1	23.1	84.6	4 204.6
2002-03	1 720.6	1 414.8	715.7	240.7	284.5	58.9	29.2	86.1	4 550.5
2002									
Mar Qtr	355.9	375.1	137.7	50.2	58.9	12.4	5.7	20.7	1 016.4
Jun Qtr	465.7	366.3	149.2	48.1	77.5	15.0	5.8	19.2	1 147.5
Sep Qtr	462.2	340.2	246.6	54.0	64.7	13.9	7.0	20.9	1 209.5
Dec Qtr	416.1	377.0	152.9	71.5	73.7	14.7	9.3	23.5	1 138.6
2003									
Mar Qtr	390.5	333.3	154.6	54.5	74.0	13.1	5.3	17.0	1 042.3
Jun Qtr	451.8	364.4	161.6	60.8	72.0	17.3	7.5	24.7	1 160.1
NON-RESIDENTIAL BUILDING									
2000-01	3 851.7	3 860.1	2 349.0	756.9	1 162.6	157.9	200.4	163.7	12 501.6
2001-02	4 495.0	4 231.8	2 612.3	761.9	889.3	170.9	145.6	259.1	13 565.8
2002-03	5 173.5	4 630.2	2 423.3	914.3	1 487.1	186.5	135.9	361.1	15 312.0
2002									
Mar Qtr	1 342.5	1 289.3	725.7	172.7	179.4	30.5	65.5	37.4	3 847.1
Jun Qtr	925.3	1 154.7	839.9	198.1	222.8	53.4	18.2	70.8	3 482.0
Sep Qtr	859.0	954.8	583.1	245.7	647.3	43.1	45.7	73.9	3 452.6
Dec Qtr	2 015.3	1 097.7	759.2	263.4	225.9	33.5	47.4	99.5	4 541.9
2003									
Mar Qtr	1 326.8	1 267.6	450.3	183.8	280.8	44.8	11.2	126.3	3 691.6
Jun Qtr	972.4	1 310.0	630.8	221.4	333.1	65.1	31.5	61.5	3 625.8
TOTAL BUILDING									
2000-01	10 279.6	10 556.7	5 663.4	1 734.3	3 246.4	332.5	368.6	461.1	32 641.8
2001-02	13 954.1	13 376.0	8 208.5	2 195.5	3 715.2	450.3	333.5	715.8	42 948.9
2002-03	15 169.1	14 110.9	9 091.8	2 534.7	4 594.4	489.4	331.9	963.6	47 285.8
2002									
Mar Qtr	3 421.8	3 506.0	2 097.7	499.8	824.9	103.3	94.4	125.6	10 674.5
Jun Qtr	3 456.9	3 512.0	2 399.0	563.2	942.9	129.4	67.3	175.6	11 246.3
Sep Qtr	3 444.7	3 670.4	2 586.6	644.1	1 480.8	115.7	99.0	252.7	12 294.0
Dec Qtr	4 956.8	3 493.6	2 373.6	722.8	932.6	103.4	99.9	270.3	12 953.0
2003									
Mar Qtr	3 647.8	3 464.8	1 821.6	543.4	1 122.0	110.3	50.7	249.1	11 009.7
Jun Qtr	3 119.9	3 482.1	2 309.9	624.4	1 059.0	160.0	82.3	191.5	11 029.1

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK DONE (a)

	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING		
	<i>Private</i>	<i>Total</i>	<i>Private</i>	<i>Total</i>	<i>Private</i>	<i>Public</i>	<i>Total</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL							
2000-01	20 645.0	21 206.6	8 902.2	12 447.2	29 547.2	4 106.6	33 653.8
2001-02	25 817.2	26 451.4	9 540.5	13 205.5	35 357.7	4 299.1	39 656.9
2002-03	31 464.2	32 100.0	11 586.6	15 204.4	43 050.8	4 253.5	47 304.4
2002							
Mar Qtr	6 175.0	6 321.6	2 299.5	3 111.9	8 474.4	959.0	9 433.5
Jun Qtr	7 295.3	7 452.7	2 464.2	3 448.3	9 759.5	1 141.5	10 901.0
Sep Qtr	7 850.4	7 993.2	2 906.8	3 913.9	10 757.3	1 149.8	11 907.1
Dec Qtr	8 137.5	8 303.9	2 955.1	3 908.6	11 092.6	1 119.8	12 212.5
2003							
Mar Qtr	7 493.8	7 639.2	2 714.3	3 514.5	10 208.1	945.6	11 153.7
Jun Qtr	7 982.5	8 163.8	3 010.3	3 867.3	10 992.9	1 038.2	12 031.1
SEASONALLY ADJUSTED							
2002							
Mar Qtr	6 624.3	6 788.3	2 500.5	3 386.4	9 124.8	1 049.9	10 174.7
Jun Qtr	7 255.7	7 405.5	2 482.5	3 425.8	9 738.1	1 093.2	10 831.3
Sep Qtr	7 583.1	7 721.4	2 788.4	3 776.8	10 371.5	1 126.8	11 498.3
Dec Qtr	7 933.5	8 097.4	2 800.2	3 734.8	10 733.7	1 098.5	11 832.2
2003							
Mar Qtr	8 023.8	8 185.5	2 994.2	3 865.6	11 018.0	1 033.1	12 051.1
Jun Qtr	7 932.2	8 103.7	3 038.3	3 861.6	10 970.5	994.9	11 965.3
TREND							
2002							
Mar Qtr	6 719.3	6 879.2	2 455.9	3 372.3	9 175.2	1 076.3	10 251.5
Jun Qtr	7 192.7	7 344.4	2 574.7	3 517.5	9 767.4	1 094.4	10 861.8
Sep Qtr	7 615.9	7 764.3	2 707.2	3 667.9	10 323.1	1 109.1	11 432.2
Dec Qtr	7 862.5	8 017.6	2 844.3	3 777.9	10 706.4	1 088.7	11 795.1
2003							
Mar Qtr	7 979.2	8 143.4	2 960.7	3 841.2	10 939.7	1 044.6	11 984.4
Jun Qtr	8 035.8	8 208.7	3 044.9	3 870.4	11 085.0	997.6	12 079.1

(a) From the September qtr 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF RESIDENTIAL BUILDING WORK DONE(a)

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	11 957.6	12 119.3	5 432.2	5 692.3	17 389.7	17 811.5	3 255.3	3 395.0	20 645.0	21 206.6
2001-02	15 322.3	15 539.0	6 512.1	6 760.2	21 834.4	22 299.3	3 982.9	4 152.1	25 817.2	26 451.4
2002-03	18 140.1	18 397.8	8 712.9	8 906.8	26 853.1	27 304.6	4 611.2	4 795.4	31 464.2	32 100.0
2002										
Mar Qtr	3 673.1	3 726.2	1 604.4	1 659.0	5 277.5	5 385.2	897.5	936.4	6 175.0	6 321.6
Jun Qtr	4 321.5	4 379.6	1 883.5	1 931.1	6 205.0	6 310.6	1 090.3	1 142.1	7 295.3	7 452.7
Sep Qtr	4 654.8	4 711.0	2 037.9	2 090.5	6 692.7	6 801.5	1 157.7	1 191.7	7 850.4	7 993.2
Dec Qtr	4 792.1	4 866.6	2 153.3	2 205.0	6 945.4	7 071.6	1 192.1	1 232.2	8 137.5	8 303.9
2003										
Mar Qtr	4 286.3	4 343.5	2 133.6	2 175.3	6 419.8	6 518.8	1 073.9	1 120.3	7 493.8	7 639.2
Jun Qtr	4 407.0	4 476.7	2 388.1	2 436.0	6 795.1	6 912.7	1 187.4	1 251.1	7 982.5	8 163.8
SEASONALLY ADJUSTED										
2002										
Mar Qtr	3 941.6	4 001.4	1 696.1	1 758.0	5 637.7	5 759.4	986.6	1 028.9	6 624.3	6 788.3
Jun Qtr	4 331.2	4 388.9	1 841.7	1 893.1	6 173.0	6 282.0	1 082.7	1 123.5	7 255.7	7 405.5
Sep Qtr	4 473.1	4 530.2	1 986.7	2 033.4	6 459.8	6 563.6	1 123.4	1 157.8	7 583.1	7 721.4
Dec Qtr	4 651.2	4 717.8	2 142.7	2 191.0	6 794.0	6 908.8	1 139.6	1 188.6	7 933.5	8 097.4
2003										
Mar Qtr	4 608.4	4 672.6	2 253.6	2 301.0	6 862.0	6 973.6	1 161.8	1 211.9	8 023.8	8 185.5
Jun Qtr	4 420.6	4 490.1	2 335.0	2 386.9	6 755.6	6 877.0	1 176.6	1 226.7	7 932.2	8 103.7
TREND										
2002										
Mar Qtr	4 004.2	4 062.7	1 698.1	1 758.4	5 702.3	5 821.0	1 016.9	1 058.1	6 719.3	6 879.2
Jun Qtr	4 280.1	4 339.5	1 844.1	1 897.2	6 124.2	6 236.8	1 068.4	1 107.6	7 192.7	7 344.4
Sep Qtr	4 507.8	4 567.6	1 992.8	2 040.8	6 500.6	6 608.4	1 115.3	1 155.9	7 615.9	7 764.3
Dec Qtr	4 591.0	4 654.0	2 129.4	2 176.7	6 718.8	6 829.0	1 144.0	1 188.9	7 862.5	8 017.6
2003										
Mar Qtr	4 572.4	4 638.7	2 246.6	2 295.3	6 818.5	6 933.4	1 160.8	1 210.0	7 979.2	8 143.4
Jun Qtr	4 509.1	4 578.1	2 342.1	2 392.6	6 858.3	6 978.3	1 176.1	1 228.6	8 035.8	8 208.7

(a) From the September qtr 2000, data is inclusive of non-deductible GST payable on residential buildings.
See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF BUILDING WORK COMMENCED (a)

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL						
2000-01	19 091.2	19 700.6	9 125.2	12 195.9	28 216.3	31 896.5
2001-02	28 757.7	29 383.0	9 979.3	13 565.9	38 737.0	42 948.9
2002-03	32 653.4	33 339.6	12 806.7	16 068.6	45 460.0	49 408.3
2002						
Mar Qtr	6 711.8	6 858.5	2 759.7	3 854.8	9 471.5	10 713.3
Jun Qtr	7 728.0	7 863.1	2 376.9	3 529.4	10 104.8	11 392.5
Sep Qtr	8 877.5	9 045.4	2 843.2	3 547.8	11 720.6	12 593.2
Dec Qtr	8 532.1	8 704.4	3 795.5	4 738.9	12 327.6	13 443.3
2003						
Mar Qtr	7 527.1	7 681.1	3 054.9	3 902.9	10 582.0	11 584.0
Jun Qtr	7 716.6	7 908.8	3 113.2	3 879.0	10 829.8	11 787.8
SEASONALLY ADJUSTED						
2002						
Mar Qtr	7 086.8	7 246.7	na	3 824.6	10 010.1	11 071.3
Jun Qtr	7 861.6	7 989.2	na	3 429.4	10 136.3	11 418.6
Sep Qtr	8 403.0	8 560.5	na	3 765.8	11 329.4	12 326.3
Dec Qtr	8 396.4	8 575.4	na	4 639.5	12 050.6	13 214.9
2003						
Mar Qtr	7 957.2	8 127.1	na	3 879.5	11 185.6	12 006.7
Jun Qtr	7 871.3	8 059.2	na	3 759.1	10 853.4	11 818.3
TREND						
2002						
Mar Qtr	7 445.6	7 591.4	2 579.8	3 479.1	10 025.5	11 070.4
Jun Qtr	7 853.0	7 997.7	2 704.9	3 705.6	10 557.9	11 703.3
Sep Qtr	8 238.8	8 393.3	2 982.4	3 962.5	11 221.2	12 355.8
Dec Qtr	8 286.9	8 455.3	3 255.9	4 119.8	11 541.6	12 574.9
2003						
Mar Qtr	8 095.2	8 274.0	3 311.0	4 083.7	11 405.0	12 357.0
Jun Qtr	7 846.0	8 039.9	3 148.1	3 887.4	10 999.8	11 929.0

na not available

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF RESIDENTIAL BUILDING WORK COMMENCED (a)

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	10 756.8	10 914.1	5 209.3	5 490.5	15 966.1	16 404.6	3 125.1	3 296.1	19 091.2	19 700.6
2001-02	16 916.9	17 143.7	7 803.4	8 034.7	24 720.3	25 178.4	4 037.4	4 204.6	28 757.7	29 383.0
2002-03	18 213.1	18 481.9	9 884.9	10 125.2	28 098.0	28 607.1	4 555.3	4 732.5	32 653.4	33 339.6
2002										
Mar Qtr	4 053.4	4 102.8	1 686.4	1 737.3	5 739.8	5 840.2	972.0	1 018.4	6 711.8	6 858.5
Jun Qtr	4 512.9	4 562.7	2 098.5	2 139.6	6 611.3	6 702.2	1 116.6	1 160.8	7 728.0	7 863.1
Sep Qtr	5 067.0	5 137.8	2 601.6	2 671.7	7 668.6	7 809.5	1 208.8	1 235.9	8 877.5	9 045.4
Dec Qtr	4 615.0	4 695.9	2 796.6	2 837.3	7 411.7	7 533.2	1 120.5	1 171.1	8 532.1	8 704.4
2003										
Mar Qtr	4 173.1	4 225.6	2 316.9	2 365.8	6 490.1	6 591.4	1 037.1	1 089.7	7 527.1	7 681.1
Jun Qtr	4 358.0	4 422.5	2 169.7	2 250.5	6 527.7	6 673.0	1 188.9	1 235.8	7 716.6	7 908.8
SEASONALLY ADJUSTED										
2002										
Mar Qtr	4 285.0	4 341.6	1 756.9	1 818.3	6 041.9	6 159.9	1 044.9	1 086.8	7 086.8	7 246.7
Jun Qtr	4 510.1	4 563.2	2 256.8	2 293.6	6 766.9	6 856.8	1 094.6	1 132.4	7 861.6	7 989.2
Sep Qtr	4 831.4	4 914.7	2 423.4	2 454.9	7 254.8	7 369.6	1 148.2	1 190.9	8 403.0	8 560.5
Dec Qtr	4 587.6	4 644.5	2 682.3	2 757.1	7 269.9	7 401.6	1 126.5	1 173.8	8 396.4	8 575.4
2003										
Mar Qtr	4 414.5	4 474.5	2 430.0	2 492.7	6 844.6	6 967.1	1 112.6	1 160.0	7 957.2	8 127.1
Jun Qtr	4 369.1	4 437.3	2 338.3	2 417.0	6 707.4	6 854.3	1 163.9	1 204.9	7 871.3	8 059.2
TREND										
2002										
Mar Qtr	4 430.2	4 490.6	1 970.8	2 020.2	6 401.0	6 510.8	1 044.6	1 080.6	7 445.6	7 591.4
Jun Qtr	4 578.3	4 642.2	2 175.7	2 218.0	6 754.0	6 860.2	1 099.0	1 137.5	7 853.0	7 997.7
Sep Qtr	4 665.4	4 731.0	2 446.0	2 491.1	7 111.4	7 222.1	1 127.4	1 171.3	8 238.8	8 393.3
Dec Qtr	4 614.6	4 679.9	2 542.2	2 599.7	7 156.0	7 278.9	1 131.1	1 176.6	8 286.9	8 455.3
2003										
Mar Qtr	4 475.0	4 538.2	2 486.0	2 556.1	6 960.9	7 094.0	1 134.3	1 180.1	8 095.2	8 274.0
Jun Qtr	4 318.7	4 379.7	2 389.0	2 469.5	6 703.9	6 854.1	1 141.9	1 185.7	7 846.0	8 039.9

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF TOTAL BUILDING WORK DONE(a), States and territories

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
2000-01	11 222.2	10 210.0	5 962.2	1 630.9	3 395.8	340.6	313.8	578.4	33 653.8
2001-02	12 851.7	12 130.1	7 463.6	2 037.4	3 698.1	430.9	361.5	683.6	39 656.9
2002-03	15 706.3	14 181.8	8 795.4	2 457.1	4 366.4	509.8	368.3	919.2	47 304.4
2002									
Mar Qtr	3 093.1	2 806.3	1 833.2	500.4	869.0	93.9	93.3	144.3	9 433.5
Jun Qtr	3 536.6	3 429.3	2 059.2	558.7	915.7	133.6	82.0	185.9	10 901.0
Sep Qtr	3 787.2	3 765.6	2 248.7	609.6	1 081.2	127.0	92.6	195.2	11 907.1
Dec Qtr	4 145.2	3 558.9	2 302.1	609.7	1 120.5	133.4	109.1	233.5	12 212.5
2003									
Mar Qtr	3 701.2	3 335.2	2 034.8	578.0	1 067.9	116.0	72.8	247.8	11 153.7
Jun Qtr	4 072.7	3 522.2	2 209.7	659.8	1 096.8	133.3	93.9	242.7	12 031.1
SEASONALLY ADJUSTED									
2002									
Mar Qtr	3 352.9	3 046.4	2 037.9	531.9	905.5	104.5	109.9	159.6	10 174.7
Jun Qtr	3 508.7	3 355.6	2 029.5	559.8	927.0	125.7	74.0	177.9	10 831.3
Sep Qtr	3 712.3	3 615.6	2 139.1	605.1	1 066.6	128.8	92.1	193.9	11 498.3
Dec Qtr	3 957.7	3 513.5	2 235.0	581.1	1 075.0	126.4	104.9	225.9	11 832.2
2003									
Mar Qtr	3 996.6	3 613.6	2 247.7	613.0	1 114.9	129.0	86.2	271.2	12 051.1
Jun Qtr	4 037.0	3 449.4	2 184.8	661.1	1 113.4	126.0	84.4	234.2	11 965.3
TREND									
2002									
Mar Qtr	3 344.0	3 116.4	1 909.1	534.5	930.3	110.8	95.3	171.9	10 251.5
Jun Qtr	3 540.0	3 341.1	2 036.5	566.3	961.9	120.9	91.8	176.1	10 861.8
Sep Qtr	3 732.7	3 526.5	2 151.1	583.7	1 025.3	127.5	91.3	199.3	11 432.2
Dec Qtr	3 893.1	3 576.7	2 207.8	598.9	1 081.0	128.6	93.5	228.7	11 795.1
2003									
Mar Qtr	4 001.5	3 550.2	2 229.6	619.3	1 108.6	127.6	92.2	247.0	11 984.4
Jun Qtr	4 069.1	3 496.2	2 223.0	643.0	1 119.2	126.9	85.6	254.1	12 079.1

(a) From the September qtr 2000, data is inclusive of non-deductible GST payable on residential buildings.
See paragraphs 11 and 12 of the Explanatory Notes.

NUMBER OF DWELLING UNIT COMMENCEMENTS

<i>Period</i>	PRIVATE NEW HOUSES		TOTAL NEW HOUSES		PRIVATE DWELLING UNITS		TOTAL DWELLING UNITS	
	no.	% change	no.	% change	no.	% change	no.	% change
ORIGINAL								
2000-01	74 128	-37.4	75 330	-37.3	110 977	-33.8	114 945	-33.1
2001-02	112 370	51.6	114 077	51.4	161 613	45.6	165 368	43.9
2002-03	109 828	-2.3	111 677	-2.1	165 909	2.7	169 644	2.6
2002								
Mar Qtr	26 625	-9.3	27 024	-9.8	37 621	-9.9	38 519	-9.8
Jun Qtr	29 200	9.7	29 590	9.5	42 914	14.1	43 651	13.3
Sep Qtr	31 383	7.5	31 893	7.8	47 099	9.8	48 232	10.5
Dec Qtr	27 828	-11.3	28 354	-11.1	43 730	-7.2	44 584	-7.6
2003								
Mar Qtr	25 432	-8.6	25 803	-9.0	37 473	-14.3	38 169	-14.4
Jun Qtr	25 185	-1.0	25 627	-0.7	37 607	0.4	38 658	1.3
SEASONALLY ADJUSTED								
2002								
Mar Qtr	28 081	-3.9	28 540	-4.1	39 696	-4.6	40 711	-4.6
Jun Qtr	29 094	3.6	29 555	3.6	42 974	8.3	43 717	7.4
Sep Qtr	30 078	3.4	30 538	3.3	44 884	4.4	45 765	4.7
Dec Qtr	27 650	-8.1	28 091	-8.0	43 469	-3.2	44 440	-2.9
2003								
Mar Qtr	26 848	-2.9	27 287	-2.9	39 608	-8.9	40 415	-9.1
Jun Qtr	25 181	-6.2	25 675	-5.9	37 726	-4.8	38 787	-4.0
TREND								
2002								
Mar Qtr	29 214	4.1	29 693	4.2	41 807	4.9	42 739	4.6
Jun Qtr	29 313	0.3	29 790	0.3	43 038	2.9	43 916	2.8
Sep Qtr	29 107	-0.7	29 554	-0.8	43 905	2.0	44 756	1.9
Dec Qtr	28 170	-3.2	28 615	-3.2	42 852	-2.4	43 738	-2.3
2003								
Mar Qtr	26 716	-5.2	27 169	-5.1	40 393	-5.7	41 327	-5.5
Jun Qtr	25 170	-5.8	25 713	-5.4	37 612	-6.9	38 590	-6.6

NUMBER OF DWELLING UNIT COMMENCEMENTS, States and territories

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
ORIGINAL									
2000-01	33 429	34 620	22 666	6 556	13 891	1 109	1 027	1 646	114 945
2001-02	47 653	47 880	35 245	9 991	19 239	1 938	1 036	2 386	165 368
2002-03	48 263	45 981	38 302	10 308	20 558	2 076	996	3 161	169 644
2002									
Mar Qtr	10 792	11 488	8 490	2 335	4 374	515	148	378	38 519
Jun Qtr	12 517	12 867	9 533	2 644	4 674	550	284	582	43 651
Sep Qtr	13 272	13 729	11 188	2 732	5 627	499	289	896	48 232
Dec Qtr	13 952	11 459	10 131	2 759	4 588	480	275	940	44 584
2003									
Mar Qtr	10 666	10 492	7 899	2 366	5 424	467	196	659	38 169
Jun Qtr	10 372	10 301	9 084	2 450	4 918	631	236	666	38 658
SEASONALLY ADJUSTED									
2002									
Mar Qtr	11 482	11 986	9 381	2 475	4 602	549	na	402	40 711
Jun Qtr	13 193	12 551	9 203	2 646	5 021	514	na	676	43 717
Sep Qtr	12 935	13 167	10 679	2 652	5 248	541	na	931	45 765
Dec Qtr	12 800	11 803	10 030	2 688	4 379	449	na	747	44 440
2003									
Mar Qtr	11 420	10 903	8 694	2 508	5 698	500	na	719	40 415
Jun Qtr	10 926	10 068	8 825	2 448	5 323	584	na	778	38 787
TREND									
2002									
Mar Qtr	12 365	12 272	9 219	2 583	4 949	534	221	593	42 739
Jun Qtr	12 791	12 610	9 776	2 621	4 904	537	237	681	43 916
Sep Qtr	12 950	12 657	10 101	2 660	4 927	504	263	780	44 756
Dec Qtr	12 510	11 961	9 808	2 630	5 035	492	263	805	43 738
2003									
Mar Qtr	11 697	10 996	9 227	2 546	5 208	511	247	760	41 327
Jun Qtr	10 977	10 088	8 540	2 461	5 429	544	234	737	38 590

na not available

NUMBER OF DWELLING UNIT COMMENCEMENTS, States and territories—Change from previous period

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	%	%	%	%	%	%	%	%	%
ORIGINAL									
2000-01	-34.3	-28.4	-34.4	-30.3	-39.2	-37.2	-34.0	-33.6	-33.1
2001-02	42.5	38.3	55.5	52.4	38.5	74.8	0.9	45.0	43.9
2002-03	1.3	-4.0	8.7	3.2	6.9	7.1	-3.9	32.5	2.6
2002									
Mar Qtr	-19.1	1.4	-1.1	-10.6	-15.7	-3.5	-38.1	-56.8	-9.8
Jun Qtr	16.0	12.0	12.3	13.3	6.9	6.8	91.7	54.1	13.3
Sep Qtr	6.0	6.7	17.4	3.3	20.4	-9.3	1.8	53.8	10.5
Dec Qtr	5.1	-16.5	-9.4	1.0	-18.5	-3.9	-5.1	4.9	-7.6
2003									
Mar Qtr	-23.6	-8.4	-22.0	-14.3	18.2	-2.7	-28.5	-29.8	-14.4
Jun Qtr	-2.8	-1.8	15.0	3.6	-9.3	35.1	20.0	1.1	1.3
SEASONALLY ADJUSTED									
2002									
Mar Qtr	-6.9	3.4	10.9	-2.7	-7.4	10.2	na	-43.8	-4.6
Jun Qtr	14.9	4.7	-1.9	6.9	9.1	-6.4	na	68.3	7.4
Sep Qtr	-2.0	4.9	16.0	0.2	4.5	5.3	na	37.7	4.7
Dec Qtr	-1.0	-10.4	-6.1	1.4	-16.6	-17.1	na	-19.7	-2.9
2003									
Mar Qtr	-10.8	-7.6	-13.3	-6.7	30.1	11.5	na	-3.8	-9.1
Jun Qtr	-4.3	-7.7	1.5	-2.4	-6.6	16.7	na	8.2	-4.0
TREND									
2002									
Mar Qtr	6.2	4.6	6.7	5.3	3.6	11.8	-15.6	4.7	4.6
Jun Qtr	3.4	2.8	6.0	1.5	-0.9	0.6	7.0	14.9	2.8
Sep Qtr	1.2	0.4	3.3	1.5	0.5	-6.1	11.1	14.6	1.9
Dec Qtr	-3.4	-5.5	-2.9	-1.1	2.2	-2.3	0.1	3.1	-2.3
2003									
Mar Qtr	-6.5	-8.1	-5.9	-3.2	3.4	3.8	-6.1	-5.6	-5.5
Jun Qtr	-6.2	-8.3	-7.4	-3.4	4.3	6.4	-5.2	-3.0	-6.6

na not available

NUMBER OF DWELLING UNIT COMMENCEMENTS, States and territories: Original

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Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
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NEW HOUSES

2000-01	17 751	24 166	14 505	5 390	10 895	1 035	577	1 011	75 330
2001-02	25 548	35 039	25 274	8 281	16 324	1 774	646	1 191	114 077
2002-03	24 317	32 718	25 229	8 234	16 971	1 876	532	1 799	111 677
2002									
Mar Qtr	6 001	8 332	6 006	1 949	3 865	494	130	248	27 024
Jun Qtr	6 520	9 460	6 404	2 202	3 982	486	169	365	29 590
Sep Qtr	6 948	9 311	7 397	2 403	4 764	476	171	423	31 893
Dec Qtr	6 425	8 565	6 475	2 004	3 762	450	132	542	28 354
2003									
Mar Qtr	5 372	7 848	5 368	1 903	4 380	452	103	376	25 803
Jun Qtr	5 572	6 994	5 989	1 924	4 065	498	127	458	25 627

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NEW OTHER RESIDENTIAL BUILDING

2000-01	14 829	9 584	7 814	1 120	2 592	60	446	634	37 079
2001-02	20 908	11 617	9 653	1 651	2 839	154	385	1 186	48 395
2002-03	22 535	12 348	12 702	2 026	3 447	190	454	1 361	55 064
2002									
Mar Qtr	4 488	2 698	2 376	376	499	17	15	123	10 592
Jun Qtr	5 578	3 131	3 016	431	643	64	115	216	13 194
Sep Qtr	5 847	4 174	3 477	321	863	19	117	473	15 291
Dec Qtr	7 220	2 726	3 617	740	769	30	140	398	15 639
2003									
Mar Qtr	5 035	2 461	2 525	460	1 010	13	89	283	11 875
Jun Qtr	4 433	2 987	3 084	506	806	128	108	207	12 259

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CONVERSIONS, ETC.

2000-01	849	871	347	46	404	14	4	1	2 536
2001-02	1 196	1 224	318	59	76	10	4	9	2 897
2002-03	1 411	915	371	47	139	10	10	1	2 903
2002									
Mar Qtr	303	458	108	10	10	4	3	7	904
Jun Qtr	419	276	112	11	48	—	—	1	868
Sep Qtr	477	244	314	8	—	4	2	—	1 048
Dec Qtr	308	168	40	16	57	—	3	—	592
2003									
Mar Qtr	259	183	6	3	34	2	4	—	491
Jun Qtr	367	320	11	20	48	4	1	1	772

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TOTAL BUILDING

2000-01	33 429	34 620	22 666	6 556	13 891	1 109	1 027	1 646	114 945
2001-02	47 653	47 880	35 245	9 991	19 239	1 938	1 036	2 386	165 368
2002-03	48 263	45 981	38 302	10 308	20 558	2 076	996	3 161	169 644
2002									
Mar Qtr	10 792	11 488	8 490	2 335	4 374	515	148	378	38 519
Jun Qtr	12 517	12 867	9 533	2 644	4 674	550	284	582	43 651
Sep Qtr	13 272	13 729	11 188	2 732	5 627	499	289	896	48 232
Dec Qtr	13 952	11 459	10 131	2 759	4 588	480	275	940	44 584
2003									
Mar Qtr	10 666	10 492	7 899	2 366	5 424	467	196	659	38 169
Jun Qtr	10 372	10 301	9 084	2 450	4 918	631	236	666	38 658

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— nil or rounded to zero (including null cells)

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NUMBER OF DWELLING UNIT COMPLETIONS

<i>Period</i>	PRIVATE NEW HOUSES		TOTAL NEW HOUSES		PRIVATE DWELLING UNITS		TOTAL DWELLING UNITS	
	no.	% change	no.	% change	no.	% change	no.	% change
ORIGINAL								
2000-01	91 028	-16.9	92 328	-17.3	132 941	-13.6	136 830	-13.8
2001-02	94 163	3.4	95 683	3.6	130 450	-1.9	134 128	-2.0
2002-03	107 023	13.7	108 657	13.6	150 465	15.3	153 816	14.7
2002								
Mar Qtr	21 970	-11.4	22 282	-11.5	29 715	-13.5	30 636	-13.7
Jun Qtr	26 879	22.3	27 366	22.8	36 118	21.5	36 931	20.5
Sep Qtr	25 289	-5.9	25 660	-6.2	34 566	-4.3	35 452	-4.0
Dec Qtr	30 603	21.0	31 027	20.9	43 111	24.7	44 020	24.2
2003								
Mar Qtr	25 168	-17.8	25 617	-17.4	35 114	-18.5	35 922	-18.4
Jun Qtr	25 962	3.2	26 352	2.9	37 676	7.3	38 424	7.0
SEASONALLY ADJUSTED								
2002								
Mar Qtr	24 125	5.7	24 442	5.7	32 684	3.7	33 650	3.6
Jun Qtr	26 762	10.9	27 360	11.9	36 557	11.9	37 440	11.3
Sep Qtr	25 371	-5.2	25 704	-6.1	34 144	-6.6	35 099	-6.3
Dec Qtr	28 124	10.8	28 472	10.8	39 479	15.6	40 226	14.6
2003								
Mar Qtr	27 608	-1.8	28 064	-1.4	38 691	-2.0	39 508	-1.8
Jun Qtr	25 892	-6.2	26 400	-5.9	38 141	-1.4	38 968	-1.4
TREND								
2002								
Mar Qtr	24 378	8.1	24 775	8.3	33 215	5.7	34 164	5.6
Jun Qtr	25 742	5.6	26 172	5.6	34 854	4.9	35 785	4.7
Sep Qtr	26 766	4.0	27 178	3.8	36 520	4.8	37 392	4.5
Dec Qtr	27 211	1.7	27 607	1.6	37 775	3.4	38 598	3.2
2003								
Mar Qtr	27 171	-0.1	27 595	—	38 576	2.1	39 379	2.0
Jun Qtr	26 879	-1.1	27 378	-0.8	39 149	1.5	39 993	1.6

— nil or rounded to zero (including null cells)

NUMBER OF DWELLING UNIT COMPLETIONS, States and territories: Original

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Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
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NEW HOUSES

2000-01	23 090	28 880	16 316	6 520	14 513	1 176	597	1 235	92 328
2001-02	21 554	28 676	21 679	6 485	14 078	1 370	678	1 163	95 683
2002-03	23 616	34 173	24 143	7 453	15 692	1 737	559	1 283	108 657
2002									
Mar Qtr	5 072	6 755	4 856	1 500	3 417	297	136	249	22 282
Jun Qtr	6 028	8 049	6 313	2 012	4 044	430	161	329	27 366
Sep Qtr	5 168	8 298	6 227	1 776	3 386	410	138	257	25 660
Dec Qtr	7 567	9 733	6 224	1 906	4 581	506	182	328	31 027
2003									
Mar Qtr	5 623	7 470	6 306	1 570	3 721	440	105	383	25 617
Jun Qtr	5 259	8 673	5 386	2 201	4 005	382	134	315	26 352

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NEW OTHER RESIDENTIAL BUILDING

2000-01	18 491	9 031	8 504	1 206	2 932	188	467	742	41 561
2001-02	13 608	8 186	8 869	919	2 926	54	352	709	35 622
2002-03	19 506	8 896	8 663	1 476	2 575	168	459	1 151	42 893
2002									
Mar Qtr	3 399	1 628	1 910	291	486	4	31	125	7 875
Jun Qtr	3 327	2 206	1 756	226	931	23	100	169	8 737
Sep Qtr	4 002	2 990	1 441	241	523	30	53	120	9 400
Dec Qtr	5 444	2 543	2 364	710	867	33	220	350	12 531
2003									
Mar Qtr	4 496	1 393	2 374	310	560	81	92	161	9 468
Jun Qtr	5 565	1 970	2 483	215	625	24	94	520	11 495

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CONVERSIONS ETC.

2000-01	1 063	1 251	225	119	191	15	8	69	2 941
2001-02	899	1 285	370	26	194	37	5	6	2 822
2002-03	862	768	439	55	128	5	7	3	2 267
2002									
Mar Qtr	289	108	21	2	19	30	4	6	480
Jun Qtr	147	426	132	2	117	2	1	—	828
Sep Qtr	95	200	18	12	62	1	1	2	391
Dec Qtr	216	196	25	3	17	1	3	1	462
2003									
Mar Qtr	346	243	218	9	17	2	2	—	837
Jun Qtr	204	129	178	31	32	1	1	—	576

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TOTAL BUILDING

2000-01	42 644	39 162	25 045	7 845	17 636	1 379	1 072	2 046	136 830
2001-02	36 062	38 147	30 918	7 429	17 198	1 462	1 035	1 878	134 128
2002-03	43 983	43 837	33 245	8 984	18 395	1 910	1 025	2 437	153 816
2002									
Mar Qtr	8 761	8 491	6 787	1 793	3 922	331	171	380	30 636
Jun Qtr	9 502	10 681	8 201	2 240	5 091	455	262	498	36 931
Sep Qtr	9 264	11 489	7 686	2 029	3 971	441	192	379	35 452
Dec Qtr	13 227	12 472	8 613	2 619	5 464	540	405	679	44 020
2003									
Mar Qtr	10 465	9 106	8 899	1 889	4 298	523	199	544	35 922
Jun Qtr	11 027	10 771	8 047	2 447	4 661	407	229	835	38 424

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— nil or rounded to zero (including null cells)

VALUE OF BUILDING WORK, Australia: Original

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	10 914.1	5 490.5	16 404.6	3 296.1	19 700.6	12 195.9	31 896.5
2001-02	17 143.7	8 034.7	25 178.4	4 204.6	29 383.0	13 565.9	42 948.9
2002-03	18 481.9	10 125.2	28 607.1	4 732.5	33 339.6	16 068.6	49 408.3
2002							
Mar Qtr	4 102.8	1 737.3	5 840.2	1 018.4	6 858.5	3 854.8	10 713.3
Jun Qtr	4 562.7	2 139.6	6 702.2	1 160.8	7 863.1	3 529.4	11 392.5
Sep Qtr	5 137.8	2 671.7	7 809.5	1 235.9	9 045.4	3 547.8	12 593.2
Dec Qtr	4 695.9	2 837.3	7 533.2	1 171.1	8 704.4	4 738.9	13 443.3
2003							
Mar Qtr	4 225.6	2 365.8	6 591.4	1 089.7	7 681.1	3 902.9	11 584.0
Jun Qtr	4 422.5	2 250.5	6 673.0	1 235.8	7 908.8	3 879.0	11 787.8
.....							
COMPLETED							
2000-01	13 252.0	5 851.7	19 103.7	3 408.2	22 511.9	13 395.3	35 907.1
2001-02	14 205.7	5 726.4	19 932.1	3 894.9	23 827.0	12 433.1	36 260.1
2002-03	17 435.8	7 370.8	24 806.6	4 460.8	29 267.5	13 479.7	42 747.2
2002							
Mar Qtr	3 274.2	1 277.0	4 551.3	847.8	5 399.1	2 346.2	7 745.3
Jun Qtr	4 111.9	1 409.7	5 521.5	1 098.1	6 619.6	3 470.4	10 089.9
Sep Qtr	3 948.7	1 593.5	5 542.2	1 101.0	6 643.2	3 122.5	9 765.7
Dec Qtr	4 986.0	2 107.3	7 093.3	1 177.8	8 271.2	3 963.0	12 234.2
2003							
Mar Qtr	4 190.4	1 596.2	5 786.6	1 066.8	6 853.4	3 232.5	10 085.9
Jun Qtr	4 310.7	2 073.8	6 384.4	1 115.2	7 499.7	3 161.8	10 661.4
.....							
WORK DONE							
2000-01	12 119.3	5 692.3	17 811.5	3 395.0	21 206.6	12 447.2	33 653.8
2001-02	15 539.0	6 760.2	22 299.3	4 152.1	26 451.4	13 205.5	39 656.9
2002-03	18 397.8	8 906.8	27 304.6	4 795.4	32 100.0	15 204.4	47 304.4
2002							
Mar Qtr	3 726.2	1 659.0	5 385.2	936.4	6 321.6	3 111.9	9 433.5
Jun Qtr	4 379.6	1 931.1	6 310.6	1 142.1	7 452.7	3 448.3	10 901.0
Sep Qtr	4 711.0	2 090.5	6 801.5	1 191.7	7 993.2	3 913.9	11 907.1
Dec Qtr	4 866.6	2 205.0	7 071.6	1 232.2	8 303.9	3 908.6	12 212.5
2003							
Mar Qtr	4 343.5	2 175.3	6 518.8	1 120.3	7 639.2	3 514.5	11 153.7
Jun Qtr	4 476.7	2 436.0	6 912.7	1 251.1	8 163.8	3 867.3	12 031.1

VALUE OF BUILDING WORK, New South Wales: Original

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMENCED							
2000-01	2 866.2	2 285.1	5 151.2	1 163.6	6 314.8	3 786.9	10 101.7
2001-02	4 342.6	3 579.8	7 922.3	1 536.8	9 459.1	4 495.0	13 954.1
2002-03	4 572.1	4 042.0	8 614.0	1 768.6	10 382.6	5 470.1	15 852.7
2002							
Mar Qtr	1 049.6	678.5	1 728.1	356.0	2 084.1	1 347.6	3 431.7
Jun Qtr	1 142.5	946.6	2 089.1	470.7	2 559.9	937.9	3 497.8
Sep Qtr	1 251.3	918.2	2 169.5	469.5	2 639.0	886.3	3 525.3
Dec Qtr	1 210.3	1 407.3	2 617.6	425.1	3 042.8	2 112.9	5 155.7
2003							
Mar Qtr	1 003.9	1 026.0	2 029.9	404.0	2 433.9	1 416.1	3 850.0
Jun Qtr	1 106.5	690.5	1 797.0	470.0	2 267.0	1 054.8	3 321.8
COMPLETED							
2000-01	3 709.0	2 950.8	6 659.8	1 342.0	8 001.9	5 381.7	13 383.6
2001-02	3 659.6	2 317.4	5 977.0	1 378.8	7 355.8	3 871.2	11 227.0
2002-03	4 373.1	3 616.6	7 989.8	1 683.0	9 672.8	4 624.7	14 297.5
2002							
Mar Qtr	873.7	638.2	1 511.9	311.5	1 823.4	688.0	2 511.3
Jun Qtr	983.4	536.9	1 520.2	385.8	1 906.1	1 031.0	2 937.0
Sep Qtr	927.6	695.8	1 623.4	393.5	2 016.9	1 134.8	3 151.7
Dec Qtr	1 391.4	943.0	2 334.4	454.2	2 788.6	1 704.2	4 492.8
2003							
Mar Qtr	1 072.5	850.2	1 922.7	436.2	2 358.9	905.9	3 264.8
Jun Qtr	981.6	1 127.6	2 109.2	399.2	2 508.4	879.8	3 388.2
WORK DONE							
2000-01	3 318.3	2 475.6	5 793.9	1 230.9	7 024.8	4 197.3	11 222.2
2001-02	3 989.8	3 018.4	7 008.2	1 512.0	8 520.2	4 331.5	12 851.7
2002-03	4 644.2	4 114.3	8 758.5	1 844.4	10 602.9	5 103.4	15 706.3
2002							
Mar Qtr	937.9	761.8	1 699.8	336.2	2 036.0	1 057.1	3 093.1
Jun Qtr	1 101.5	902.1	2 003.5	425.1	2 428.6	1 108.0	3 536.6
Sep Qtr	1 179.7	964.6	2 144.3	450.9	2 595.2	1 192.0	3 787.2
Dec Qtr	1 296.8	1 029.6	2 326.4	473.6	2 800.0	1 345.2	4 145.2
2003							
Mar Qtr	1 062.7	993.1	2 055.8	447.3	2 503.0	1 198.2	3 701.2
Jun Qtr	1 105.0	1 127.0	2 232.0	472.7	2 704.7	1 368.0	4 072.7

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMENCED							
2000-01	3 628.7	1 720.2	5 348.9	1 137.7	6 486.6	3 782.3	10 268.9
2001-02	5 517.7	2 126.3	7 644.0	1 500.2	9 144.1	4 231.8	13 376.0
2002-03	5 698.3	2 643.1	8 341.5	1 465.7	9 807.2	4 829.4	14 636.7
2002							
Mar Qtr	1 322.7	531.8	1 854.6	376.0	2 230.6	1 291.1	3 521.6
Jun Qtr	1 487.7	525.2	2 012.9	369.9	2 382.9	1 163.3	3 546.1
Sep Qtr	1 609.1	804.3	2 413.4	344.6	2 758.0	973.6	3 731.5
Dec Qtr	1 487.7	580.1	2 067.8	384.4	2 452.2	1 134.6	3 586.7
2003							
Mar Qtr	1 345.7	593.7	1 939.4	347.4	2 286.8	1 329.6	3 616.4
Jun Qtr	1 255.9	665.0	1 920.9	389.4	2 310.3	1 391.8	3 702.0
COMPLETED							
2000-01	4 232.0	1 282.2	5 514.2	1 126.9	6 641.1	3 475.0	10 116.1
2001-02	4 423.6	1 500.4	5 924.0	1 382.6	7 306.6	3 512.0	10 818.6
2002-03	5 689.0	1 608.3	7 297.3	1 419.9	8 717.2	3 924.4	12 641.6
2002							
Mar Qtr	1 033.0	274.0	1 307.0	291.7	1 598.6	635.3	2 234.0
Jun Qtr	1 259.6	375.9	1 635.5	378.7	2 014.2	1 054.7	3 068.9
Sep Qtr	1 339.4	599.9	1 939.2	392.5	2 331.8	927.7	3 259.5
Dec Qtr	1 556.2	448.4	2 004.6	358.7	2 363.3	886.6	3 249.9
2003							
Mar Qtr	1 318.5	220.5	1 539.0	323.9	1 862.9	1 090.6	2 953.5
Jun Qtr	1 475.0	339.6	1 814.5	344.7	2 159.2	1 019.5	3 178.7
WORK DONE							
2000-01	3 928.2	1 521.0	5 449.1	1 201.3	6 650.4	3 559.6	10 210.0
2001-02	4 924.7	1 802.7	6 727.5	1 453.2	8 180.6	3 949.5	12 130.1
2002-03	5 816.9	2 122.5	7 939.4	1 474.0	9 413.4	4 768.5	14 181.8
2002							
Mar Qtr	1 159.5	445.7	1 605.1	329.5	1 934.6	871.6	2 806.3
Jun Qtr	1 441.9	490.9	1 932.8	401.0	2 333.8	1 095.5	3 429.3
Sep Qtr	1 550.9	507.1	2 058.0	375.9	2 433.9	1 331.7	3 765.6
Dec Qtr	1 509.5	502.2	2 011.8	368.0	2 379.8	1 179.1	3 558.9
2003							
Mar Qtr	1 395.5	525.3	1 920.8	344.1	2 264.9	1 070.3	3 335.2
Jun Qtr	1 360.9	587.9	1 948.8	386.0	2 334.8	1 187.4	3 522.2

VALUE OF BUILDING WORK, Queensland: **Original**

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	1 990.9	852.7	2 843.7	443.5	3 287.2	2 251.9	5 539.1
2001-02	3 596.6	1 460.9	5 057.4	538.8	5 596.2	2 612.3	8 208.5
2002-03	4 003.0	2 315.3	6 318.3	764.4	7 082.7	2 571.1	9 653.8
2002							
Mar Qtr	844.9	391.1	1 236.0	137.9	1 373.9	728.6	2 102.5
Jun Qtr	961.6	470.9	1 432.5	152.0	1 584.6	857.6	2 442.1
Sep Qtr	1 139.8	679.8	1 819.6	257.0	2 076.6	606.5	2 683.0
Dec Qtr	1 003.1	537.1	1 540.2	161.5	1 701.7	801.3	2 503.0
2003							
Mar Qtr	843.6	457.1	1 300.7	165.7	1 466.5	481.4	1 947.9
Jun Qtr	1 016.4	641.4	1 657.8	180.1	1 837.9	681.9	2 519.8
.....							
COMPLETED							
2000-01	2 270.1	920.7	3 190.8	401.0	3 591.8	2 299.3	5 891.2
2001-02	3 022.5	1 173.9	4 196.4	528.1	4 724.5	2 703.7	7 428.3
2002-03	3 666.9	1 293.8	4 960.8	675.3	5 636.1	2 560.5	8 196.6
2002							
Mar Qtr	650.7	224.6	875.3	102.3	977.6	430.7	1 408.3
Jun Qtr	948.0	257.7	1 205.6	159.3	1 365.0	795.3	2 160.2
Sep Qtr	903.3	177.8	1 081.1	147.4	1 228.6	552.7	1 781.3
Dec Qtr	984.4	344.1	1 328.5	175.0	1 503.5	759.8	2 263.3
2003							
Mar Qtr	930.7	386.7	1 317.4	169.4	1 486.8	614.6	2 101.4
Jun Qtr	848.4	385.3	1 233.7	183.5	1 417.2	633.4	2 050.6
.....							
WORK DONE							
2000-01	2 117.7	998.8	3 116.6	426.0	3 542.6	2 419.6	5 962.2
2001-02	3 301.1	1 159.1	4 460.2	539.7	4 999.9	2 463.7	7 463.6
2002-03	3 884.2	1 716.1	5 600.2	736.1	6 336.4	2 459.0	8 795.4
2002							
Mar Qtr	814.8	269.5	1 084.3	123.5	1 207.8	625.3	1 833.2
Jun Qtr	925.4	332.7	1 258.1	144.6	1 402.7	656.5	2 059.2
Sep Qtr	994.1	393.7	1 387.8	191.0	1 578.8	669.9	2 248.7
Dec Qtr	1 028.7	426.5	1 455.2	195.8	1 651.0	651.1	2 302.1
2003							
Mar Qtr	908.8	423.6	1 332.5	156.7	1 489.1	545.7	2 034.8
Jun Qtr	952.6	472.2	1 424.8	192.7	1 617.5	592.3	2 209.7

VALUE OF BUILDING WORK, South Australia: Original

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMENCED							
2000-01	620.8	158.4	779.2	161.3	940.5	729.6	1 670.1
2001-02	1 002.4	233.8	1 236.2	197.4	1 433.6	761.9	2 195.5
2002-03	1 111.2	329.9	1 441.1	253.2	1 694.3	932.8	2 627.1
2002							
Mar Qtr	234.2	45.8	280.0	50.5	330.5	173.7	504.1
Jun Qtr	276.9	47.5	324.4	49.0	373.4	200.1	573.6
Sep Qtr	313.3	42.4	355.6	55.9	411.5	249.0	660.5
Dec Qtr	265.7	137.0	402.7	75.0	477.7	268.1	745.8
2003							
Mar Qtr	257.4	63.6	320.9	57.6	378.6	188.0	566.6
Jun Qtr	274.9	86.9	361.8	64.7	426.5	227.7	654.2
COMPLETED							
2000-01	763.6	185.5	949.0	154.4	1 103.4	591.5	1 694.9
2001-02	766.9	137.4	904.3	180.5	1 084.8	718.7	1 803.6
2002-03	968.6	212.6	1 181.3	227.6	1 408.9	726.1	2 135.0
2002							
Mar Qtr	177.2	57.6	234.8	39.4	274.2	127.4	401.6
Jun Qtr	238.9	28.5	267.4	48.1	315.6	210.3	525.9
Sep Qtr	219.3	32.8	252.2	45.5	297.7	164.9	462.6
Dec Qtr	247.2	115.4	362.6	62.1	424.7	161.6	586.3
2003							
Mar Qtr	204.6	31.4	236.1	55.3	291.4	194.8	486.2
Jun Qtr	297.5	32.9	330.4	64.7	395.1	204.8	599.8
WORK DONE							
2000-01	686.9	158.1	845.0	161.9	1 006.8	624.0	1 630.9
2001-02	871.7	193.6	1 065.3	193.9	1 259.2	778.2	2 037.4
2002-03	1 088.9	230.0	1 318.8	247.4	1 566.2	890.9	2 457.1
2002							
Mar Qtr	220.0	48.6	268.6	46.9	315.4	185.0	500.4
Jun Qtr	242.0	58.0	300.0	49.8	349.8	208.9	558.7
Sep Qtr	268.9	59.6	328.6	56.4	385.0	224.6	609.6
Dec Qtr	265.3	64.7	330.0	67.7	397.7	212.0	609.7
2003							
Mar Qtr	269.4	44.5	313.9	59.1	373.0	205.0	578.0
Jun Qtr	285.2	61.1	346.3	64.2	410.5	249.4	659.8

VALUE OF BUILDING WORK, Western Australia: **Original**

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	1 439.0	333.1	1 772.1	276.2	2 048.3	1 134.2	3 182.4
2001-02	2 180.7	377.5	2 558.2	267.7	2 825.9	889.3	3 715.2
2002-03	2 436.4	474.8	2 911.2	293.8	3 205.1	1 558.6	4 763.6
2002							
Mar Qtr	527.3	62.2	589.5	59.1	648.7	180.0	828.7
Jun Qtr	548.6	101.2	649.9	78.0	727.9	226.0	953.9
Sep Qtr	661.2	118.2	779.4	65.5	844.9	665.9	1 510.8
Dec Qtr	549.4	98.1	647.5	75.3	722.9	236.2	959.1
2003							
Mar Qtr	632.8	162.4	795.2	76.6	871.8	298.3	1 170.1
Jun Qtr	593.0	96.1	689.1	76.4	765.5	358.2	1 123.7
.....							
COMPLETED							
2000-01	1 863.8	339.2	2 203.1	251.1	2 454.2	1 121.3	3 575.5
2001-02	1 876.4	458.0	2 334.4	265.8	2 600.2	1 005.4	3 605.6
2002-03	2 189.2	368.5	2 557.7	278.9	2 836.6	1 019.7	3 856.3
2002							
Mar Qtr	440.3	63.5	503.7	53.7	557.4	309.3	866.7
Jun Qtr	552.5	176.0	728.5	89.1	817.6	229.0	1 046.6
Sep Qtr	444.1	60.7	504.9	82.7	587.6	205.6	793.2
Dec Qtr	649.3	161.7	811.0	74.0	885.0	287.8	1 172.8
2003							
Mar Qtr	526.2	65.3	591.5	47.3	638.8	284.5	923.3
Jun Qtr	569.7	80.8	650.4	74.9	725.3	241.7	967.0
.....							
WORK DONE							
2000-01	1 684.8	398.8	2 083.6	247.8	2 331.4	1 064.4	3 395.8
2001-02	1 971.8	396.6	2 368.4	286.1	2 654.4	1 043.7	3 698.1
2002-03	2 332.9	420.9	2 753.8	308.0	3 061.8	1 304.6	4 366.4
2002							
Mar Qtr	490.6	90.2	580.7	65.4	646.1	222.9	869.0
Jun Qtr	526.3	90.4	616.7	77.9	694.7	221.1	915.7
Sep Qtr	573.5	96.5	670.0	72.5	742.5	338.7	1 081.2
Dec Qtr	606.4	98.5	704.9	77.1	782.1	338.4	1 120.5
2003							
Mar Qtr	554.0	116.3	670.3	74.2	744.5	323.4	1 067.9
Jun Qtr	599.0	109.6	708.6	84.2	792.7	304.0	1 096.8

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	119.6	6.5	126.2	43.7	169.9	154.5	324.4
2001-02	208.9	14.4	223.3	56.1	279.4	170.9	450.3
2002-03	241.2	23.1	264.3	64.5	328.8	193.1	521.9
2002							
Mar Qtr	58.7	1.6	60.3	12.4	72.7	30.5	103.2
Jun Qtr	58.4	3.6	62.1	15.5	77.6	54.2	131.7
Sep Qtr	59.3	2.2	61.5	14.6	76.1	44.2	120.3
Dec Qtr	55.8	3.0	58.8	15.6	74.4	34.5	108.9
2003							
Mar Qtr	56.0	1.3	57.3	14.5	71.9	46.5	118.4
Jun Qtr	70.0	16.7	86.8	19.8	106.5	67.9	174.4
.....							
COMPLETED							
2000-01	138.1	20.2	158.3	43.0	201.3	144.6	345.9
2001-02	163.3	9.7	173.0	64.7	237.7	132.0	369.7
2002-03	222.8	17.8	240.6	60.6	301.1	214.4	515.5
2002							
Mar Qtr	37.4	0.3	37.7	27.3	65.0	33.4	98.4
Jun Qtr	49.0	1.8	50.9	13.1	63.9	25.5	89.5
Sep Qtr	52.2	3.2	55.4	13.4	68.8	42.6	111.4
Dec Qtr	63.4	6.4	69.8	20.0	89.8	67.6	157.4
2003							
Mar Qtr	56.2	5.6	61.8	12.7	74.4	59.3	133.7
Jun Qtr	51.0	2.6	53.6	14.5	68.1	44.9	113.0
.....							
WORK DONE							
2000-01	127.7	11.5	139.2	49.1	188.3	152.3	340.6
2001-02	184.1	12.7	196.8	64.7	261.5	169.3	430.9
2002-03	246.9	12.8	259.7	64.1	323.8	186.0	509.8
2002							
Mar Qtr	45.9	3.0	48.9	11.2	60.1	33.8	93.9
Jun Qtr	55.6	4.3	59.9	16.0	75.9	57.7	133.6
Sep Qtr	58.0	3.7	61.7	15.1	76.8	50.3	127.0
Dec Qtr	63.3	3.0	66.2	18.0	84.2	49.2	133.4
2003							
Mar Qtr	59.8	2.5	62.3	13.5	75.8	40.2	116.0
Jun Qtr	65.9	3.6	69.5	17.5	87.0	46.4	133.3

VALUE OF BUILDING WORK, Northern Territory: **Original**

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	90.6	54.1	144.7	23.2	167.8	198.0	365.8
2001-02	103.1	61.7	164.7	23.1	187.8	145.6	333.5
2002-03	101.7	71.8	173.5	30.7	204.3	139.1	343.4
2002							
Mar Qtr	21.2	2.2	23.4	5.7	29.1	65.6	94.7
Jun Qtr	27.8	16.1	43.9	6.0	49.9	18.4	68.3
Sep Qtr	29.9	17.7	47.6	7.3	54.9	46.5	101.4
Dec Qtr	24.2	20.4	44.6	9.7	54.3	48.5	102.7
2003							
Mar Qtr	21.2	14.5	35.8	5.7	41.4	11.5	52.9
Jun Qtr	26.4	19.3	45.6	8.1	53.7	32.6	86.3
.....							
COMPLETED							
2000-01	89.8	62.8	152.5	26.2	178.8	130.6	309.4
2001-02	106.7	39.8	146.5	21.2	167.7	169.7	337.4
2002-03	100.7	78.1	178.8	32.0	210.8	131.2	342.0
2002							
Mar Qtr	21.0	3.5	24.5	4.8	29.4	73.6	102.9
Jun Qtr	26.8	11.6	38.4	5.1	43.5	29.9	73.4
Sep Qtr	21.1	6.4	27.5	7.2	34.7	44.1	78.8
Dec Qtr	33.4	41.6	75.0	6.3	81.3	25.2	106.5
2003							
Mar Qtr	18.5	13.4	31.9	4.7	36.5	18.4	55.0
Jun Qtr	27.7	16.8	44.4	13.9	58.3	43.5	101.7
.....							
WORK DONE							
2000-01	85.5	56.2	141.8	23.7	165.4	148.4	313.8
2001-02	104.8	50.0	154.8	23.1	178.0	183.5	361.5
2002-03	103.5	76.4	179.9	31.4	211.3	157.0	368.3
2002							
Mar Qtr	19.2	12.4	31.6	5.2	36.9	56.4	93.3
Jun Qtr	28.2	9.6	37.8	5.8	43.5	38.5	82.0
Sep Qtr	27.1	18.7	45.8	6.8	52.6	40.0	92.6
Dec Qtr	26.6	26.3	52.9	8.1	60.9	48.1	109.1
2003							
Mar Qtr	20.9	14.7	35.6	7.2	42.8	30.0	72.8
Jun Qtr	28.8	16.8	45.5	9.4	54.9	38.9	93.9

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	158.3	80.4	238.7	46.8	285.5	158.6	444.0
2001-02	191.9	180.3	372.2	84.6	456.8	259.1	715.8
2002-03	317.9	225.2	543.1	91.5	634.6	374.5	1 009.1
2002							
Mar Qtr	44.2	24.1	68.3	20.8	89.1	37.6	126.7
Jun Qtr	59.1	28.3	87.4	19.6	107.0	72.0	179.0
Sep Qtr	73.8	89.1	162.9	21.6	184.5	75.9	260.4
Dec Qtr	99.7	54.3	154.0	24.5	178.5	102.9	281.4
2003							
Mar Qtr	64.9	47.2	112.2	18.1	130.2	131.4	261.7
Jun Qtr	79.5	34.5	114.0	27.3	141.4	64.2	205.5
.....							
COMPLETED							
2000-01	185.5	90.4	275.9	63.6	339.5	251.2	590.7
2001-02	186.7	89.9	276.5	73.2	349.7	320.3	670.0
2002-03	225.3	175.1	400.4	83.5	483.9	278.7	762.7
2002							
Mar Qtr	41.0	15.5	56.5	17.1	73.6	48.6	122.2
Jun Qtr	53.6	21.3	74.9	18.8	93.7	94.7	188.4
Sep Qtr	41.7	16.9	58.6	18.6	77.2	50.0	127.1
Dec Qtr	60.7	46.8	107.4	27.6	135.0	70.1	205.1
2003							
Mar Qtr	63.1	23.2	86.3	17.4	103.7	64.4	168.0
Jun Qtr	59.8	88.2	148.0	20.0	168.1	94.3	262.3
.....							
WORK DONE							
2000-01	170.2	72.3	242.5	54.3	296.8	281.6	578.4
2001-02	190.9	127.2	318.1	79.5	397.6	286.0	683.6
2002-03	280.4	213.9	494.3	90.0	584.3	334.9	919.2
2002							
Mar Qtr	38.3	27.9	66.2	18.5	84.7	59.7	144.3
Jun Qtr	58.7	43.1	101.8	21.8	123.7	62.2	185.9
Sep Qtr	58.7	46.6	105.3	23.1	128.4	66.8	195.2
Dec Qtr	70.0	54.2	124.2	24.0	148.2	85.4	233.5
2003							
Mar Qtr	72.4	55.2	127.6	18.4	146.0	101.8	247.8
Jun Qtr	79.3	57.9	137.2	24.5	161.7	81.0	242.7

	New houses	New other residential building	New residential building	Alterations & additions	Residential building	Non-residential building	Total building
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
WORK UNDER CONSTRUCTION							
Mar Qtr 2003							
NSW	2 613.5	5 229.6	7 843.1	1 100.5	8 943.6	6 175.5	15 119.1
Vic.	3 470.7	3 675.3	7 146.0	861.8	8 007.8	5 288.7	13 296.4
Qld	1 391.9	1 867.5	3 259.4	272.2	3 531.6	2 150.1	5 681.6
SA	707.5	282.8	990.4	140.7	1 131.0	867.8	1 998.8
WA	1 323.6	445.1	1 768.7	174.4	1 943.1	1 115.3	3 058.4
Tas.	143.4	6.2	149.7	29.5	179.2	94.4	273.6
NT	42.7	40.5	83.2	16.6	99.8	145.6	245.4
ACT	148.6	269.2	417.7	33.6	451.4	341.5	792.9
Aust.	9 842.0	11 816.2	21 658.1	2 629.4	24 287.5	16 178.7	40 466.2
Jun Qtr 2003							
NSW	2 781.0	4 905.0	7 686.1	1 212.5	8 898.6	6 460.8	15 359.4
Vic.	3 274.3	4 043.4	7 317.7	916.0	8 233.8	5 719.3	13 953.0
Qld	1 569.7	2 141.6	3 711.3	270.5	3 981.8	2 205.6	6 187.4
SA	694.8	349.9	1 044.7	139.1	1 183.8	906.8	2 090.6
WA	1 357.5	473.0	1 830.4	178.3	2 008.7	1 239.4	3 248.1
Tas.	170.6	20.7	191.3	35.7	227.0	117.1	344.1
NT	42.0	43.1	85.1	10.9	96.0	139.4	235.4
ACT	169.5	218.4	387.8	42.2	430.0	311.6	741.6
Aust.	10 059.4	12 195.0	22 254.4	2 805.3	25 059.7	17 099.9	42 159.6
WORK YET TO BE DONE							
Mar Qtr 2003							
NSW	1 269.7	2 808.9	4 078.5	505.7	4 584.2	3 323.9	7 908.1
Vic.	1 637.2	2 166.6	3 803.8	381.2	4 185.1	2 536.5	6 721.6
Qld	637.2	1 096.3	1 733.6	120.8	1 854.4	981.3	2 835.7
SA	328.4	183.6	512.0	67.0	579.1	418.1	997.2
WA	699.2	239.5	938.7	74.8	1 013.5	474.3	1 487.8
Tas.	68.9	3.2	72.2	12.8	85.0	38.9	123.9
NT	18.7	20.6	39.3	6.5	45.8	42.4	88.2
ACT	74.4	133.1	207.4	13.6	221.0	162.1	383.1
Aust.	4 733.7	6 651.8	11 385.5	1 182.5	12 568.0	7 977.5	20 545.6
Jun Qtr 2003							
NSW	1 315.2	2 485.6	3 800.8	543.8	4 344.6	3 130.7	7 475.3
Vic.	1 560.2	2 287.0	3 847.2	394.2	4 241.4	2 808.2	7 049.6
Qld	713.6	1 283.9	1 997.5	110.6	2 108.0	1 082.7	3 190.7
SA	328.9	222.6	551.5	65.8	617.3	415.3	1 032.6
WA	703.7	238.8	942.5	69.3	1 011.7	535.5	1 547.2
Tas.	81.3	16.7	98.0	16.0	114.0	60.3	174.4
NT	16.8	24.2	41.1	5.4	46.5	40.9	87.4
ACT	76.0	112.6	188.6	17.6	206.2	145.4	351.6
Aust.	4 795.7	6 671.4	11 467.1	1 222.7	12 689.8	8 219.1	20 908.8

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Type of building	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
MARCH QTR 2003									
Commercial									
Retail/wholesale trade	194.8	163.9	90.5	35.5	67.7	^ 3.0	4.2	9.0	568.6
Transport	^ 39.6	15.0	12.2	—	*2.1	—	—	2.4	71.3
Offices	263.8	224.1	73.0	16.8	62.9	6.6	8.2	55.7	711.1
Other commercial n.e.c.	^ 17.8	^ 11.9	3.5	^ 2.4	4.7	—	—	—	^ 40.3
<i>Total commercial</i>	<i>516.0</i>	<i>414.9</i>	<i>179.1</i>	<i>54.7</i>	<i>137.5</i>	<i>9.7</i>	<i>12.4</i>	<i>67.1</i>	<i>1 391.3</i>
Industrial									
Factories	69.3	92.2	^ 25.7	12.7	32.7	6.2	—	0.6	239.4
Warehouses	106.8	131.0	49.8	^ 16.5	^ 16.8	1.9	2.3	1.3	326.3
Agricultural/aquacultural	^ 3.9	*6.8	*9.2	^ 1.6	*2.6	0.5	0.2	2.7	^ 27.5
Other industrial n.e.c.	36.2	**3.9	*7.0	**0.5	*3.4	**0.2	0.2	0.1	51.6
<i>Total industrial</i>	<i>216.2</i>	<i>233.8</i>	<i>91.7</i>	<i>^ 31.2</i>	<i>55.5</i>	<i>8.8</i>	<i>2.7</i>	<i>4.7</i>	<i>644.7</i>
Other non-residential									
Educational	171.2	138.0	87.1	26.1	38.2	8.5	2.6	17.9	489.6
Religious	7.9	3.0	*5.9	**0.8	*2.0	0.1	—	0.1	^ 19.8
Aged care facilities	38.1	53.4	18.8	21.1	10.2	7.0	2.7	^ 0.9	152.3
Health	82.0	72.2	^ 15.6	30.4	9.5	2.0	2.6	2.5	216.8
Entertainment and recreation	62.1	84.1	100.9	10.7	51.5	1.6	2.7	7.4	321.0
Accommodation	61.1	40.6	^ 22.7	13.8	11.9	1.0	1.4	—	152.5
Other non-residential n.e.c.	43.6	30.3	^ 24.0	16.1	^ 7.0	1.5	2.9	1.1	126.4
<i>Total other non-residential</i>	<i>466.0</i>	<i>421.6</i>	<i>274.9</i>	<i>119.0</i>	<i>130.4</i>	<i>21.7</i>	<i>14.9</i>	<i>29.9</i>	<i>1 478.4</i>
Total non-residential	1 198.2	1 070.3	545.7	205.0	323.4	40.2	30.0	101.8	3 514.5

JUNE QTR 2003									
Commercial									
Retail/wholesale trade	338.1	181.3	110.8	49.7	62.1	6.1	7.3	^ 3.8	759.2
Transport	42.7	16.9	^ 17.9	**9.6	^ 2.7	—	0.4	3.1	^ 93.3
Offices	281.3	268.9	110.0	24.6	59.7	6.3	8.1	40.0	798.8
Other commercial n.e.c.	^ 6.5	9.4	4.6	^ 1.8	*3.7	—	0.6	—	26.5
<i>Total commercial</i>	<i>668.6</i>	<i>476.4</i>	<i>243.3</i>	<i>^ 85.7</i>	<i>128.2</i>	<i>12.4</i>	<i>16.5</i>	<i>46.8</i>	<i>1 677.8</i>
Industrial									
Factories	67.9	^ 85.7	^ 19.0	16.2	16.2	5.0	0.2	—	210.2
Warehouses	77.0	150.9	60.3	10.1	21.8	3.1	4.0	2.0	329.2
Agricultural/aquacultural	*6.1	*4.4	^ 8.4	*2.8	^ 8.6	*0.8	—	—	^ 31.0
Other industrial n.e.c.	23.0	**0.8	*4.5	*0.3	**1.6	0.9	—	0.1	31.3
<i>Total industrial</i>	<i>174.0</i>	<i>241.9</i>	<i>92.1</i>	<i>29.4</i>	<i>48.2</i>	<i>9.8</i>	<i>4.2</i>	<i>2.1</i>	<i>601.6</i>
Other non-residential									
Educational	128.6	156.5	58.8	31.2	33.1	5.6	2.3	19.1	435.2
Religious	^ 11.2	1.9	1.6	*0.7	*0.7	*0.2	—	0.3	16.7
Aged care facilities	39.4	51.6	21.4	20.9	10.7	6.5	0.8	^ 0.2	151.5
Health	107.5	83.9	20.2	23.9	11.8	3.6	5.6	2.8	259.3
Entertainment and recreation	86.4	89.8	82.3	16.6	45.4	^ 1.5	4.5	8.1	334.6
Accommodation	85.1	^ 46.7	37.3	14.6	19.8	^ 4.0	2.6	0.8	210.8
Other non-residential n.e.c.	67.3	38.6	^ 35.3	26.3	^ 6.1	^ 2.8	2.4	^ 0.9	179.8
<i>Total other non-residential</i>	<i>525.4</i>	<i>469.1</i>	<i>256.8</i>	<i>134.3</i>	<i>127.7</i>	<i>24.3</i>	<i>18.3</i>	<i>32.1</i>	<i>1 587.9</i>
Total non-residential	1 368.0	1 187.4	592.3	249.4	304.0	46.4	38.9	81.0	3 867.3

^ estimate has a relative standard error of between 10% and 25% and should be used with caution
 — nil or rounded to zero (including null cells)

* estimate has a relative standard error of between 25% and 50% and should be used with caution
 ** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

Original

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Type of building	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
MARCH QTR 2003									
Commercial									
Retail/wholesale trade	254.7	^95.4	96.7	27.5	70.2	^4.8	0.9	6.6	556.7
Transport	^31.5	0.5	6.1	—	0.1	—	—	11.2	^49.2
Offices	154.8	139.6	87.4	^18.0	^26.9	4.4	1.0	50.7	482.7
Other commercial n.e.c.	*11.7	**2.9	0.3	2.5	27.5	—	—	—	^44.8
<i>Total commercial</i>	452.6	238.3	190.4	48.0	124.6	^9.2	1.9	68.5	1 133.5
Industrial									
Factories	125.5	107.2	^27.0	25.3	51.5	9.8	—	0.1	346.5
Warehouses	98.0	123.6	^41.3	*15.8	^21.5	1.1	2.1	0.9	304.4
Agricultural/aquacultural	*5.5	**4.4	*7.8	*0.9	**0.4	0.5	0.2	2.7	^22.4
Other industrial n.e.c.	^13.5	*4.6	^6.1	**0.8	*1.7	*0.3	0.1	0.1	^27.2
<i>Total industrial</i>	242.5	239.8	82.2	^42.9	75.2	11.6	2.3	3.9	700.5
Other non-residential									
Educational	135.7	174.0	73.5	21.7	44.9	8.0	5.0	51.6	514.4
Religious	^6.5	1.2	*3.5	**1.1	**2.0	0.5	—	0.4	^15.2
Aged care facilities	84.8	45.1	26.6	23.3	^5.2	5.4	0.3	**0.2	190.9
Health	182.9	135.8	23.7	^4.7	17.6	3.7	0.1	0.9	369.4
Entertainment and recreation	138.3	458.1	^32.7	24.5	^18.7	4.2	0.4	3.6	680.4
Accommodation	157.6	**3.5	17.6	8.7	^3.6	^0.3	0.8	1.0	193.2
Other non-residential n.e.c.	15.2	^33.6	^31.3	13.2	^6.5	3.6	0.7	^1.4	105.5
<i>Total other non-residential</i>	721.0	851.4	208.8	97.1	98.5	25.7	7.3	59.0	2 068.9
Total non-residential	1 416.1	1 329.6	481.4	188.0	298.3	46.5	11.5	131.4	3 902.9
JUNE QTR 2003									
Commercial									
Retail/wholesale trade	^175.1	199.9	105.6	46.3	41.9	6.0	5.4	^4.8	585.1
Transport	66.3	^12.2	87.7	**9.6	^3.3	—	0.5	**0.3	179.8
Offices	245.4	510.3	73.8	30.6	44.9	12.2	2.7	9.5	929.3
Other commercial n.e.c.	^1.2	**2.6	^3.4	*1.5	**4.0	—	1.5	—	^14.2
<i>Total commercial</i>	488.0	725.0	270.5	87.9	94.2	18.2	10.1	14.5	1 708.5
Industrial									
Factories	^43.0	^70.4	^31.7	17.7	^8.7	^1.7	0.1	—	173.2
Warehouses	82.3	^121.8	^62.8	16.4	22.9	3.5	4.3	2.4	316.4
Agricultural/aquacultural	**1.4	*3.8	^13.7	*2.7	18.1	^0.9	—	—	40.6
Other industrial n.e.c.	*5.8	**0.5	*6.1	**0.3	**1.3	1.1	0.1	—	^15.1
<i>Total industrial</i>	132.5	196.5	114.4	37.0	51.0	7.1	4.4	2.4	545.3
Other non-residential									
Educational	131.4	174.1	69.6	32.2	79.6	3.5	0.4	28.6	519.5
Religious	^5.4	2.5	2.5	0.4	—	—	0.1	—	^10.9
Aged care facilities	91.1	81.2	43.1	41.6	32.7	14.5	—	—	304.1
Health	^60.9	97.8	28.0	5.0	46.3	4.9	0.8	3.5	247.1
Entertainment and recreation	53.7	55.1	37.9	14.8	^5.0	^1.7	2.2	13.0	183.5
Accommodation	78.2	^19.3	85.7	*3.8	32.1	16.1	9.5	—	244.8
Other non-residential n.e.c.	13.7	^40.3	^30.2	5.0	^17.3	*1.9	5.0	2.1	115.3
<i>Total other non-residential</i>	434.3	470.2	296.9	102.9	213.0	42.5	18.0	47.2	1 625.2
Total non-residential	1 054.8	1 391.8	681.9	227.7	358.2	67.9	32.6	64.2	3 879.0
^	estimate has a relative standard error of between 10% and 25% and should be used with caution		* estimate has a relative standard error of between 25% and 50% and should be used with caution						
—	nil or rounded to zero (including null cells)		** estimate has a relative standard error greater than 50% and is considered too unreliable for general use						

	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	%	%	%	%	%	%	%

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VALUE OF BUILDING WORK COMMENCED

NSW	5.0	1.8	3.1	4.9	2.7	3.3	2.1
Vic.	4.8	1.4	3.2	3.6	2.7	1.4	1.8
Qld	4.1	0.4	2.5	4.5	2.3	1.2	1.7
SA	3.8	1.3	2.9	6.6	2.7	3.8	2.2
WA	3.2	1.5	2.8	4.4	2.5	1.2	1.8
Tas.	3.2	—	2.5	5.5	2.3	1.7	1.6
ACT	3.3	—	2.3	5.5	2.2	0.8	1.5
Aust.	2.1	0.7	1.4	2.3	1.3	1.1	0.9

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VALUE OF BUILDING WORK COMPLETED

NSW	5.9	1.3	2.8	5.8	2.6	3.3	2.1
Vic.	5.9	3.0	4.9	5.3	4.2	2.6	3.0
Qld	7.0	1.2	4.8	5.7	4.2	2.2	3.0
SA	5.0	5.4	4.5	8.0	4.0	5.2	3.2
WA	4.5	1.9	3.9	7.3	3.6	2.4	2.8
Tas.	5.1	—	4.8	8.7	4.2	1.6	2.6
ACT	8.1	—	3.3	9.7	3.1	0.9	2.0
Aust.	2.9	0.9	2.0	2.9	1.7	1.4	1.3

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VALUE OF BUILDING WORK DONE

NSW	3.2	0.7	1.6	3.8	1.5	2.0	1.2
Vic.	3.1	1.3	2.2	2.9	1.9	1.7	1.4
Qld	3.5	0.5	2.4	4.1	2.1	1.6	1.6
SA	2.4	2.0	2.0	4.7	1.8	3.6	1.8
WA	2.3	0.8	1.9	3.6	1.7	1.4	1.3
Tas.	2.6	—	2.5	5.4	2.3	2.0	1.6
ACT	3.4	—	2.0	4.9	1.8	0.7	1.2
Aust.	1.5	0.5	1.0	1.8	0.9	1.0	0.7

.....

NUMBER OF DWELLING UNIT COMMENCEMENTS

NSW	3.9	2.0	2.4	1.4	2.3	36.0	2.3
Vic.	4.1	2.8	2.9	—	2.8	—	2.8
Qld	3.6	0.8	2.4	20.2	2.4	—	2.4
SA	3.2	1.7	2.6	—	2.5	—	2.5
WA	3.1	1.6	2.6	2.3	2.6	—	2.6
Tas.	2.7	—	2.1	24.1	2.1	—	2.1
ACT	2.3	—	1.6	—	1.6	—	1.6
Aust.	1.7	1.0	1.2	0.8	1.2	8.9	1.2

.....

NUMBER OF DWELLING UNIT COMPLETIONS

NSW	5.2	1.7	2.7	5.4	2.6	—	2.6
Vic.	5.3	4.1	4.4	3.7	4.3	—	4.3
Qld	6.5	1.5	4.4	—	4.3	—	4.3
SA	4.4	6.2	4.0	—	4.0	9.4	4.0
WA	4.1	2.5	3.6	—	3.6	—	3.6
Tas.	5.0	—	4.7	—	4.7	—	4.7
ACT	7.9	—	3.0	—	3.0	—	3.0
Aust.	2.5	1.2	1.8	2.1	1.8	5.1	1.8

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— nil or rounded to zero (including null cells)

Type of building	NSW	Vic.	Qld	SA	WA	Tas.	ACT	Aust.
	%	%	%	%	%	%	%	%

.....

VALUE OF BUILDING WORK COMMENCED

Commercial								
Retail/wholesale trade	18.9	7.1	6.6	2.5	8.6	8.8	13.0	6.3
Transport	3.1	19.6	2.9	93.5	18.9	—	64.0	5.5
Offices	2.3	1.7	9.6	2.7	3.9	2.7	3.2	1.4
Other commercial n.e.c.	20.2	50.1	12.1	49.4	54.3	—	—	18.8
<i>Total commercial</i>	6.8	2.2	3.4	9.6	4.4	3.1	4.0	2.3
Industrial								
Factories	15.6	18.1	12.9	6.2	21.3	17.0	—	8.7
Warehouses	4.6	13.1	12.0	5.3	6.2	8.8	5.4	5.7
Agricultural/aquacultural	63.4	48.9	13.8	26.8	3.0	22.9	—	7.3
Other industrial n.e.c.	34.5	93.2	39.3	88.5	89.9	—	—	22.4
<i>Total industrial</i>	6.0	9.1	7.0	4.0	5.2	5.7	5.4	3.9
Other non-residential								
Educational	0.5	3.4	3.5	1.1	1.8	—	1.4	1.3
Religious	24.0	—	—	—	—	—	—	11.9
Aged care facilities	5.0	—	—	1.4	1.3	—	—	1.5
Health	15.5	8.8	3.3	—	2.8	3.7	—	5.2
Entertainment and recreation	9.1	9.3	5.7	—	19.1	18.6	—	4.1
Accommodation	7.8	18.2	1.6	29.4	6.0	4.6	—	3.1
Other non-residential n.e.c.	—	14.7	14.2	9.7	12.7	41.2	—	6.7
<i>Total other non-residential</i>	2.9	2.6	1.8	1.3	1.6	2.5	0.9	1.2
Total non-residential	3.3	1.4	1.2	3.8	1.2	1.7	0.8	1.1

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VALUE OF BUILDING WORK DONE

Commercial								
Retail/wholesale trade	6.8	7.7	6.0	5.4	5.3	9.3	16.4	3.7
Transport	2.1	0.6	13.9	93.5	23.3	—	5.7	10.1
Offices	2.5	3.0	5.9	7.7	3.0	5.2	0.7	1.6
Other commercial n.e.c.	20.4	8.3	9.1	23.6	36.8	—	—	8.1
<i>Total commercial</i>	3.6	3.3	3.7	10.3	2.9	4.9	1.3	1.9
Industrial								
Factories	9.6	13.8	10.4	5.5	9.4	4.5	—	6.6
Warehouses	4.8	9.8	9.9	9.9	6.7	9.8	1.9	5.0
Agricultural/aquacultural	37.0	41.5	21.0	25.8	10.3	26.0	—	11.6
Other industrial n.e.c.	5.3	69.2	31.5	43.9	71.8	—	—	7.3
<i>Total industrial</i>	4.5	6.9	6.7	4.8	5.2	3.9	1.8	3.3
Other non-residential								
Educational	6.5	3.3	3.9	1.2	4.8	—	2.1	2.3
Religious	12.3	5.3	9.8	26.1	29.8	29.8	—	8.5
Aged care facilities	1.6	—	1.2	0.9	9.6	—	11.2	0.8
Health	9.7	7.7	5.5	1.3	5.6	4.8	—	4.7
Entertainment and recreation	1.7	3.2	2.8	0.6	1.7	21.1	—	1.2
Accommodation	3.1	14.6	3.3	4.2	8.1	12.3	—	3.6
Other non-residential n.e.c.	0.7	9.4	11.4	2.0	21.6	18.3	22.3	3.1
<i>Total other non-residential</i>	2.6	2.4	2.1	0.7	2.3	3.1	1.4	1.2
Total non-residential	2.0	1.7	1.6	3.6	1.4	2.0	0.7	1.0

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— nil or rounded to zero (including null cells)

EXPLANATORY NOTES

INTRODUCTION

- 1** This publication contains detailed estimates from the quarterly Building Activity Survey. Each issue includes revisions to the previous quarter. Therefore data for the latest quarter should be considered to be preliminary only.
- 2** The statistics were compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. From the March quarter 2002, the quarterly survey consists of:
 - a sample survey of private sector jobs involving residential building jobs valued at \$10,000 or more and non-residential building jobs valued at \$50,000 or more
 - a complete enumeration of all such public sector building jobs.
- 3** From the September quarter 1990, only non-residential building jobs (both new and alterations and additions) with an approval value of \$50,000 (previously \$30,000) or more are included in the survey.
- 4** The use of sample survey techniques in the Building Activity Survey means that reliable estimates of private sector building activity are generally available only at state, territory and Australia levels. Although subject to higher relative standard errors (refer to paragraphs 25–28), a range of sub-state estimates of building activity may be available. Reliable small area data are available for the Northern Territory, which has been completely enumerated since the June quarter 1991. For further information on the availability of Building Activity estimates, contact the ABS in Adelaide on 08 8237 7316. Detailed data on Building Approvals, based on information reported by local government and other reporting authorities, are available for regions below state and territory level from the Building Approval series compiled by the ABS.

SCOPE AND COVERAGE

- 5** The statistics relate to *building* activity which includes construction of new buildings and alterations and additions to existing buildings. Construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.) is compiled from the ABS Engineering Construction Survey (ECS). Results from the Building Activity Survey, together with estimates from the ECS, provide a complete quarterly picture of building and construction.
- 6** 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 2) 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.
- 7** From the September quarter 2002, building activity in the External Territories of Australia is included in these statistics. Jervis Bay is included in New South Wales, while Christmas Island and Cocos–Keeling Islands are included in Western Australia.

TREATMENT OF GST

- 8** Statistics on value of building work (current prices) show residential building on a GST inclusive basis and non-residential building 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).

EXPLANATORY NOTES *continued*

TREATMENT OF GST *continued*

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 Within building activity statistics, purchasers of residential structures are unable to deduct GST from the purchase price. For non-residential structures, the reverse is true. While the ABS collects all building activity data on a GST inclusive basis, it publishes value data inclusive of GST in respect of residential construction and exclusive of GST in respect of non-residential construction.

12 It is appropriate to add the residential and non-residential components to derive total building activity. Valuation of the components of the total is consistent, since, for both components, the value data is recorded inclusive of non-deductible GST paid by the purchaser. As such, total building activity includes the non-deductible GST payable on residential building.

DEFINITIONS

13 A *building* is defined as 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.

14 A *dwelling unit* is defined as 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 the appropriate category of non-residential building.

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

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

16 The number of dwelling units created as part of alterations and additions to, or conversions of, existing residential or non-residential buildings and as part of the construction of non-residential building is shown separately (see tables 21 and 23) under the heading of 'Conversions, etc.', and is included in the total number of dwelling units shown in these tables.

17 In addition, the seasonally adjusted and trend estimates and percentage changes for the total number of dwelling units commenced and completed, shown in tables 18–20 and 22, include these conversions, etc.

EXPLANATORY NOTES *continued*

DEFINITIONS *continued*

18 *Commenced.* A building is defined as commenced when the first physical building activity has been performed on site in the form of materials fixed in place and/or labour expended (this includes site preparation but excludes delivery of building materials, the drawing of plans and specifications and the construction of non-building infrastructures, such as roads).

19 *Under construction.* A building is regarded as being under construction at the end of a period if it has been commenced but has not been completed, and work on it has not been abandoned.

20 *Completed.* A building is defined as completed when building activity has progressed to the stage where the building can fulfil its intended function. In practice, the ABS regards buildings as completed when notified as such by respondents to the survey.

VALUATION OF BUILDING JOBS

21 The value series in this publication are derived from estimates reported on survey returns as follows:

- *Value of building commenced or under construction* represents the anticipated completion value based, where practicable, on estimated market or contract price of building jobs excluding the value of land and landscaping. Site preparation costs are included. Where jobs proceed over several quarters the anticipated completion value reported on the return for the first (commencement) quarter may be amended on returns for subsequent (under construction) quarters as the job nears completion.
- *Value of building completed* represents the actual completion value based, where practicable, on the market or contract price of jobs including site preparation costs but excluding the value of land and landscaping.
- *Value of building work done during the period* represents the estimated value of building work actually carried out during the quarter on jobs which have commenced.
- *Value of building work yet to be done* represents the difference between the anticipated completion value and the estimated value of work done on jobs up to the end of the period.

BUILDING CLASSIFICATION

22 *Ownership.* The ownership of a building is classified as either public sector or private sector, according to the sector of the intended owner of the completed building as evident at the time of approval. Residential buildings being constructed by private sector builders under government housing authority schemes whereby the authority has contracted, or intends to contract, to purchase the buildings on or before completion, are classified as public sector.

23 *Functional classification of buildings.* A building is classified according to its intended major function. Hence a building which is ancillary to other buildings, or forms a part of a group of related buildings, is classified to the function of the building and not to the function of the group as a whole. An example of this can be seen in the treatment of building work approved for a factory complex. In this case, a detached administration building would be classified to Offices, a detached cafeteria building to Retail/wholesale trade, while factory buildings would be classified to Factories. An exception to this rule is the treatment of group accommodation buildings where, for example, a student accommodation building on a university campus would be classified to Educational.

24 Examples of the types of individual building jobs included under each main functional heading are shown in the following lists:

- *Houses.* Includes 'cottages', 'bungalows', detached caretakers'/managers' cottages, rectories.
- *Other residential buildings.* Includes blocks of flats, home units, attached townhouses, villa units, terrace houses, semi-detached houses, maisonettes.

EXPLANATORY NOTES *continued*

BUILDING CLASSIFICATION

continued

- *Accommodation*. Buildings primarily providing short-term or temporary accommodation, and includes the following categories:
 - Self contained, short term apartments (e.g. serviced apartments)
 - Hotels (predominantly accommodation), motels, boarding houses, cabins
 - Other short term accommodation n.e.c. (e.g. migrant hostels, youth hostels, lodges)
- *Aged care facilities*. Building used in the provision or support of aged care facilities, excluding dwellings (e.g. retirement villages). Includes aged care facilities with and without medical care.
- *Agriculture/aquaculture*. Buildings housing, or associated with, agriculture and aquaculture activities, including bulk storage of produce (e.g. shearing shed, grain silo, shearers' quarters).
- *Commercial*. Buildings primarily occupied with or engaged in commercial trade or work intended for commercial trade, including buildings used primarily in wholesale and retail trades, office and transport activities.
- *Educational*. Buildings used in the provision or support of educational services, including group accommodation buildings (e.g. classrooms, school canteens, dormitories).
- *Entertainment and recreation*. Buildings used in the provision of entertainment and recreational facilities or services (e.g. libraries, museums, casinos, sporting facilities).
- *Factories*. Buildings housing, or associated with, production and assembly processes of intermediate and final goods.
- *Health*. Buildings used in the provision of non-aged care medical services (e.g. nurses quarters, laboratories, clinics).
- *Industrial*. Buildings used for warehousing and the production and assembly activities of industrial establishments, including factories and plants.
- *Offices*. Buildings primarily used in the provision of professional services or public administration (e.g. offices, insurance or finance buildings).
- *Religious*. Buildings used for or associated with worship, or in support of programs sponsored by religious bodies (e.g. church, temple, church hall, dormitories).
- *Retail/wholesale trade*. Buildings primarily used in the sale of goods to intermediate and end users.
- *Religious*. Buildings used for or associated with worship, or in support of programs sponsored by religious bodies (e.g. church, temple, church hall, dormitories).
- *Transport*. Buildings primarily used in the provision of transport services, and includes the following categories:
 - Passenger transport buildings (e.g. passenger terminals)
 - Non-passenger transport buildings (e.g. freight terminals)
 - Commercial car parks (excluded are those built as part of, and intended to service, other distinct building developments)
 - Other transport buildings n.e.c.
- *Warehouses*. Buildings primarily used for storage of goods, excluding produce storage.

EXPLANATORY NOTES *continued*

RELIABILITY OF THE ESTIMATES

25 Since the figures for private sector building activity (including alterations and additions) are derived from information obtained from a sample of approved building jobs, they are subject to sampling error; that is, they may differ from the figures that would have been obtained if information for all approved jobs for the relevant period had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of approved jobs was included. There are about two chances in three that a sample estimate will differ by less than one SE from the figure that would have been obtained if all approved jobs had been included, and about nineteen chances in twenty that the difference will be less than two SEs. Another measure of sampling variability is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate to which it refers. The RSEs of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in tables 36 and 37.

26 An example of the use of RSEs is as follows. Assume that the estimate of the number of new private sector houses commenced during the latest quarter is 30,000 (for actual estimate see table 18) and that the associated RSE is 1.5% (for actual percentage see table 36). There would then be about two chances in three that the number which would have been obtained if information had been collected about all approved private sector house jobs would have been within the range 29,550 to 30,450 (1.5% of 30,000 is 450) and about nineteen chances in twenty that the number would have been within the range 29,100 to 30,900.

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

28 The imprecision due to sampling variability, which is measured by the RSE, should not be confused with inaccuracies that may occur because of inadequacies in the source of building approval information, imperfections in reporting by respondents, and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as non-sampling error, and may occur in any enumeration whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by the careful design of questionnaires, efforts to obtain responses for all selected jobs, and efficient operating procedures.

SEASONAL ADJUSTMENT

29 Seasonally adjusted building statistics are shown in tables 1–10, 13–20 and 22. 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.

30 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. Some of the component series shown have been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, the adjusted components may not add to the adjusted totals. Therefore, figures should not be derived using the adjusted totals. (For example, seasonally adjusted public sector dwelling units should not

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT

continued

be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally adjusted total).

31 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 of this improvement, 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.

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

TREND ESTIMATES

33 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.

34 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.

35 While the smoothing technique described in paragraphs 33 and 34 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: an Overview* (cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6540 or email <timeseries@abs.gov.au>.

CHAIN VOLUME MEASURES

36 Chain volume estimates of the value of commencements and work done are presented in original, seasonally adjusted and trend terms for Australia and for each state and territory.

37 While current price estimates of the value of commencements and 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 of the national accounts aggregate 'Gross fixed capital formation'.

38 The chain volume measures of commencements and work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 2001–02). The reference year is updated annually in the June quarter publication. Each year's data in the value of commencements and 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. 2001–02). 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

EXPLANATORY NOTES *continued*

CHAIN VOLUME MEASURES *continued*

Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (cat. no. 5248.0).

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

ACKNOWLEDGMENT

40 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

41 Users may also wish to refer to the following publications which are available from ABS Bookshops:

Building Activity, Australia: Dwelling Unit Commencements, Preliminary,
cat. no. 8750.0, quarterly

Construction Work Done, Australia, Preliminary, cat. no. 8755.0, quarterly

Building Approvals, Australia, cat. no. 8731.0, monthly

Engineering Construction Activity, Australia, cat. no. 8762.0, quarterly

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

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

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

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

42 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 any ABS office or the ABS web site <<http://www.abs.gov.au>>. 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

43 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
ABS	Australian Bureau of Statistics
qtr	quarter
RSE	relative standard error
SE	standard error
VAT	value added tax

FOR MORE INFORMATION . . .

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ISSN 0728 375X

RRP \$23.00