

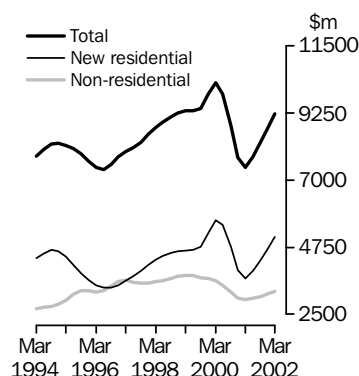
# **BUILDING ACTIVITY**

**AUSTRALIA**

EMBARGO: 11:30AM (CANBERRA TIME) WED 17 JUL 2002

## **Value of work done**

Volume terms  
Trend estimates



## **MARCH QTR KEY FIGURES**

<b>TREND ESTIMATES (a)</b>	<b>Mar qtr 02 \$m</b>	<b>Dec qtr 01 to Mar qtr 02 % change</b>	<b>Mar qtr 01 to Mar qtr 02 % change</b>
Value of work done	9 220.4	5.3	24.3
New residential building	5 101.4	8.4	38.1
Alterations and additions to residential buildings	869.2	0.1	17.9
Non-residential building	3 268.6	2.7	9.6

<b>SEASONALLY ADJUSTED (a)</b>	<b>Mar qtr 02 \$m</b>	<b>Dec qtr 01 to Mar qtr 02 % change</b>	<b>Mar qtr 01 to Mar qtr 02 % change</b>
Value of work done	9 241.8	5.0	20.1
New residential building	5 089.5	7.2	32.0
Alterations and additions to residential buildings	850.8	-4.0	12.5
Non-residential building	3 301.5	4.4	7.2

(a) Chain volume measures, reference year 1999–2000.

## **MARCH QTR KEY POINTS**

### **VALUE OF WORK DONE, VOLUME TERMS**

#### **TREND ESTIMATES**

- The trend estimate of total building work done rose by 5.3% in the March quarter 2002, following increases in each of the previous three quarters.
- New residential building work rose by 8.4% in the latest quarter, while the rate of growth in alterations and additions has slowed over the last three quarters.
- Non-residential work done also continued to rise, up 2.7% in the March quarter.

#### **SEASONALLY ADJUSTED ESTIMATES**

- In seasonally adjusted terms, work done rose 5.0% in the March quarter to \$9,241.8m.
- New residential work rose 7.2% to \$5,089.5m, a level exceeded only by the March and June quarters of 2000. However, after growth for five successive quarters, work on alterations and additions fell 4.0% in the latest quarter to \$850.8m.
- Work done on non-residential building was up 4.4% to \$3,301.5m, the highest level since the June quarter 2000.

#### **ORIGINAL ESTIMATES**

- In original terms, total building work done fell 6.7% to \$8,506.3m. New residential work fell 2.9% to \$4,718.8m, with new houses down 4.2% to \$3,234.7m and new other residential up 0.2% to \$1,484.1m. Alterations and additions fell 14.4% to \$802.4m.

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

## NOTES

### FORTHCOMING ISSUES

#### ISSUE (Quarter)

#### RELEASE DATE

June 2002

11 October 2002

September 2002

17 January 2003

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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 March quarter 2002 will be released in *Building Activity, Australia* (Cat. no. 8752.0) on 11 October 2002.

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### SIGNIFICANT REVISIONS THIS ISSUE

Compared with the estimates in original terms published in the previous issue of this publication, the total value of building work commenced during the December quarter 2001 has been revised upwards by \$318.0m (+3.0%), with increases of \$51.3m (+0.7%) in residential building and \$266.7m (+8.6%) in non-residential building. The main contributor to the increases was New South Wales, with an increase of \$198.4m (+5.5%) in total building, being \$45.5m (+1.8%) in residential and \$153.0m (+14.5%) in non-residential building.

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### DATA NOTES

Sampling in the Building Activity survey has been extended to include private sector other residential building jobs (both new and alterations and additions), commencing with the March quarter 2002. See also Explanatory Notes 2, 4, and 23–25.

Information about ABS Building and Construction statistics and other related data is now available from the 'Building and Construction theme page' on the ABS website (go to the website at [www.abs.gov.au](http://www.abs.gov.au), click on the 'Themes' button and then click on 'Building and Construction'). The theme page includes information about:

- the Building and Construction Program's major papers and publications (electronic and hardcopy) and contact details;
- each of our major data collections and examples of uses of building and construction statistics;
- issues of importance to providers and clients, including publication timetables;
- help for providers, including contact details and the survey despatch timetables; and
- alternative sources of Australian building and construction data.

Dennis Trewin  
Australian Statistician

## VALUE OF WORK COMMENCED: Volume terms

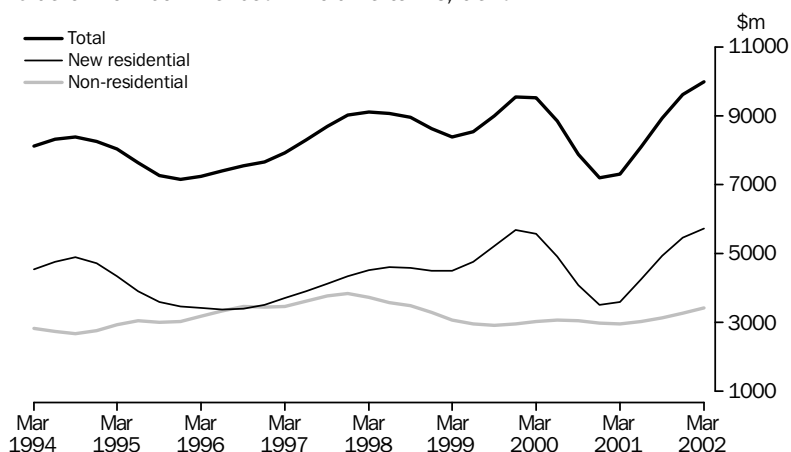
### TREND ESTIMATES

	Mar qtr 02	Dec qtr 01 to Mar qtr 02	Mar qtr 01 to Mar qtr 02
	\$m	% change	% change
TREND ESTIMATES(a)			
Value of building work commenced	9 988.4	3.9	36.6
New residential building	5 734.4	4.9	59.3
Alterations and additions to residential buildings	892.3	2.8	20.2
Non-residential building	3 425.2	4.5	15.3

(a) Chain volume measures, reference year 1999–2000.

- The trend estimate of the total value of building work commenced rose 3.9% in the March quarter 2002 to the highest level for 13 years. The trend has risen for the last five quarters but the rate of growth has slowed over the last three quarters.
- Commencements of new residential buildings rose 4.9% in the latest quarter, with new houses up 7.6% and new other residential buildings down 1.4%. Commencements of non-residential buildings has shown an increasing rate of growth over the past four quarters with a rise of 4.5% in the latest quarter.

Value of work commenced in volume terms, trend



### SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, the total value of building work commenced fell 1.4% to \$9,801.5m. The previous quarter was the second highest on record.
- Commencements of new residential buildings fell 10.0% to \$5,257.3m. New houses were down 3.5% to \$3,742.1m and new other residential buildings fell 22.9% from the previous quarter's record high to \$1,515.1m. Alterations and additions rose 10.5% to \$921.4m, a level exceeded only by the March and June quarters of 2000.
- Non-residential work commenced rose 10.9% to \$3,622.8m, the highest since the June quarter 1998.

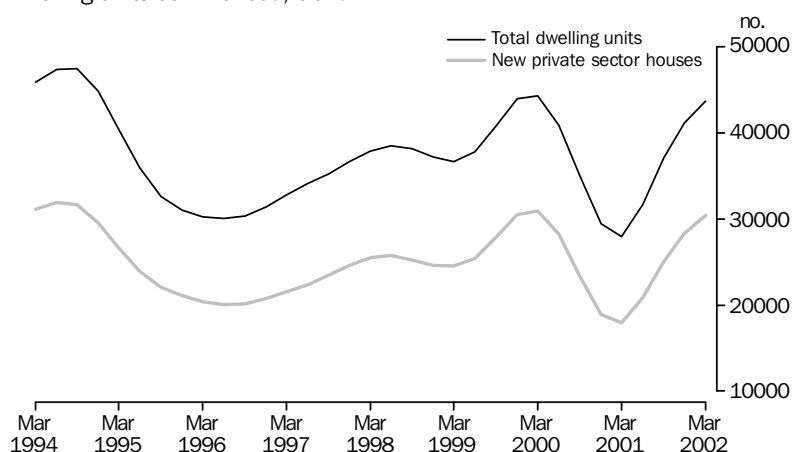
# NUMBER OF DWELLING UNITS COMMENCED

	Mar qtr 02	Dec qtr 01 to Mar qtr 02	Mar qtr 01 to Mar qtr 02
	no.	% change	% change
TREND ESTIMATES			
Dwelling units commenced			
New private sector houses	30 407	7.4	69.5
Total dwelling units	43 711	6.2	56.2
SEASONALLY ADJUSTED			
Dwelling units commenced			
New private sector houses	28 307	-4.4	62.4
Total dwelling units	40 419	-7.3	45.7

## TREND ESTIMATES

- The trend estimate of the total number of dwelling units commenced rose 6.2% in the March quarter. While this is the fourth consecutive quarterly rise, the rate of growth has eased. Commencements of new private sector houses rose 7.4%, following increases of 20.3% and 12.9% in the September and December 2001 quarters respectively.

Dwelling units commenced, trend



## SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, the total number of dwellings commenced fell 7.3% in the March quarter to 40,419. The number of new private sector houses commenced fell 4.4% to 28,307, which was 62.4% more than the low of a year earlier.

## ORIGINAL ESTIMATES

- The total number of dwelling units commenced fell 9.4% in the March quarter to 38,693. New houses fell 9.2% to 27,214, while all other dwellings fell by 9.9% to 11,480.

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**TABLE 1. VALUE OF BUILDING WORK DONE, CHAIN VOLUME MEASURES(a): ALL SERIES  
(\$ million)**

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL									
1998-1999	12,485.9	12,779.1	5,676.9	18,458.4	3,438.2	11,220.0	15,058.1	32,511.6	36,983.0
1999-2000	15,116.7	15,336.9	6,322.0	21,658.8	3,892.9	10,962.0	14,690.0	35,958.5	40,241.9
2000-2001	10,520.1	10,663.3	5,100.8	15,764.2	2,983.2	8,711.6	12,193.5	26,958.0	30,940.8
2000 Dec. qtr	2,595.4	2,632.0	1,270.2	3,902.2	756.1	2,233.1	3,097.0	6,772.4	7,755.3
2001 Mar. qtr	2,381.4	2,412.5	1,157.6	3,570.2	713.3	1,964.8	2,794.2	6,134.0	7,077.6
Jun qtr	2,617.9	2,652.5	1,250.5	3,903.0	818.1	2,150.3	3,052.7	6,737.7	7,773.8
Sep. qtr	3,063.3	3,097.9	1,376.6	4,474.5	861.1	2,265.6	3,186.5	7,459.8	8,522.0
Dec. qtr	3,320.0	3,377.6	1,480.5	4,858.1	937.6	2,405.1	3,322.5	8,049.9	9,118.1
2002 Mar. qtr	3,188.9	3,234.7	1,484.1	4,718.8	802.4	2,179.5	2,985.1	7,573.6	8,506.3
SEASONALLY ADJUSTED									
2000 Dec. qtr	2,525.5	2,557.0	1,261.3	3,818.3	714.2	2,105.6	2,942.5	6,524.5	7,475.0
2001 Mar. qtr	2,574.2	2,615.1	1,240.7	3,855.7	756.2	2,184.7	3,079.9	6,669.4	7,691.9
Jun qtr	2,575.4	2,606.2	1,235.4	3,841.6	823.8	2,159.1	2,996.7	6,694.1	7,662.0
Sep. qtr	2,973.4	3,007.6	1,319.2	4,326.9	851.7	2,176.1	3,119.2	7,216.6	8,297.8
Dec. qtr	3,230.5	3,280.8	1,468.9	4,749.8	886.4	2,271.2	3,163.8	7,764.7	8,800.0
2002 Mar. qtr	3,440.5	3,500.2	1,589.3	5,089.5	850.8	2,429.9	3,301.5	8,226.2	9,241.8
TREND ESTIMATES									
2000 Dec. qtr	2,639.5	2,675.0	1,295.3	3,970.3	727.4	2,176.0	3,051.9	6,752.7	7,749.5
2001 Mar. qtr	2,453.5	2,487.5	1,207.7	3,695.3	737.5	2,121.9	2,982.8	6,430.4	7,415.8
Jun qtr	2,660.8	2,694.6	1,248.5	3,943.0	815.7	2,153.1	3,035.4	6,781.1	7,794.2
Sep. qtr	2,927.7	2,966.4	1,337.5	4,303.9	852.5	2,205.5	3,104.8	7,223.6	8,262.2
Dec. qtr	3,203.4	3,250.8	1,454.8	4,705.6	868.5	2,285.2	3,183.3	7,717.3	8,758.2
2002 Mar. qtr	3,464.1	3,522.8	1,578.6	5,101.4	869.2	2,384.1	3,268.6	8,216.6	9,220.4

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 32 to 35 of the Explanatory Notes.

**TABLE 2. VALUE OF BUILDING WORK DONE, CHAIN VOLUME MEASURES(a): ALL SERIES, PERCENTAGE CHANGE**

Period		New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
		Houses		Other residential building	Total		Private sector	Total	Private sector	Total
		Private sector	Total							
ORIGINAL (% change from previous period)										
1998-1999		5.5	6.2	15.2	8.8	6.1	7.0	4.9	7.6	6.9
1999-2000		21.1	20.0	11.4	17.3	13.2	-2.3	-2.4	10.6	8.8
2000-2001		-30.4	-30.5	-19.3	-27.2	-23.4	-20.5	-17.0	-25.0	-23.1
2000	Dec. qtr	-11.3	-11.3	-10.7	-11.1	8.7	-5.5	-4.7	-7.4	-6.9
2001	Mar. qtr	-8.2	-8.3	-8.9	-8.5	-5.7	-12.0	-9.8	-9.4	-8.7
	Jun qtr	9.9	9.9	8.0	9.3	14.7	9.4	9.3	9.8	9.8
	Sep. qtr	17.0	16.8	10.1	14.6	5.2	5.4	4.4	10.7	9.6
	Dec. qtr	8.4	9.0	7.5	8.6	8.9	6.2	4.3	7.9	7.0
2002	Mar. qtr	-4.0	-4.2	0.2	-2.9	-14.4	-9.4	-10.2	-5.9	-6.7
SEASONALLY ADJUSTED (% change from previous quarter)										
2000	Dec. qtr	-11.2	-11.4	-7.5	-10.1	3.7	-6.9	-7.3	-7.7	-7.9
2001	Mar. qtr	1.9	2.3	-1.6	1.0	5.9	3.8	4.7	2.2	2.9
	Jun qtr	—	-0.3	-0.4	-0.4	8.9	-1.2	-2.7	0.4	-0.4
	Sep. qtr	15.5	15.4	6.8	12.6	3.4	0.8	4.1	7.8	8.3
	Dec. qtr	8.6	9.1	11.3	9.8	4.1	4.4	1.4	7.6	6.1
2002	Mar. qtr	6.5	6.7	8.2	7.2	-4.0	7.0	4.4	5.9	5.0
TREND ESTIMATES (% change from previous quarter)										
2000	Dec. qtr	-18.4	-18.3	-12.7	-16.6	-10.6	-7.3	-6.2	-13.4	-12.2
2001	Mar. qtr	-7.0	-7.0	-6.8	-6.9	1.4	-2.5	-2.3	-4.8	-4.3
	Jun qtr	8.4	8.3	3.4	6.7	10.6	1.5	1.8	5.5	5.1
	Sep. qtr	10.0	10.1	7.1	9.2	4.5	2.4	2.3	6.5	6.0
	Dec. qtr	9.4	9.6	8.8	9.3	1.9	3.6	2.5	6.8	6.0
2002	Mar. qtr	8.1	8.4	8.5	8.4	0.1	4.3	2.7	6.5	5.3

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 32 to 35 of the Explanatory Notes.

**TABLE 3. VALUE OF BUILDING WORK COMMENCED, CHAIN VOLUME MEASURES(a): ALL SERIES**  
(\$ million)

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL									
1998-1999	12,834.4	13,141.1	5,120.7	18,262.0	3,270.1	9,625.0	12,657.9	30,569.4	34,235.8
1999-2000	15,541.0	15,744.0	6,238.9	21,982.8	3,679.9	8,584.4	12,189.0	33,733.8	37,851.9
2000-2001	9,477.3	9,616.9	5,112.5	14,729.4	2,904.6	9,059.2	12,120.6	26,138.7	29,754.5
2000 Dec. qtr	2,381.7	2,414.0	1,245.6	3,659.6	749.8	2,132.4	2,776.5	6,450.8	7,185.9
2001 Mar. qtr	2,177.5	2,207.2	1,340.2	3,547.4	709.2	2,092.6	3,004.2	6,216.9	7,260.7
Jun qtr	2,606.4	2,640.6	1,243.5	3,884.1	802.3	2,521.3	3,362.3	7,031.1	8,048.7
Sep. qtr	3,498.7	3,533.7	1,963.1	5,496.8	890.6	2,121.0	2,792.3	8,335.7	9,179.7
Dec. qtr	3,771.0	3,847.0	1,860.5	5,707.5	859.1	2,623.5	3,269.4	9,057.8	9,836.0
2002 Mar. qtr	3,501.3	3,544.5	1,539.0	5,083.5	860.3	2,594.2	3,618.4	8,409.3	9,562.2
SEASONALLY ADJUSTED									
2000 Dec. qtr	2,409.1	2,435.3	1,302.2	3,737.5	727.0	n.a.	2,776.5	6,516.4	7,241.0
2001 Mar. qtr	2,299.3	2,334.3	1,309.7	3,644.0	761.8	n.a.	2,997.4	6,537.3	7,403.3
Jun qtr	2,513.9	2,549.2	1,344.6	3,893.8	792.4	n.a.	3,250.9	6,824.6	7,937.1
Sep. qtr	3,406.5	3,443.0	1,758.5	5,201.6	862.0	n.a.	2,907.5	8,090.1	8,971.1
Dec. qtr	3,809.8	3,876.7	1,964.0	5,840.7	834.0	n.a.	3,267.6	9,175.1	9,942.3
2002 Mar. qtr	3,691.2	3,742.1	1,515.1	5,257.3	921.4	n.a.	3,622.8	8,884.1	9,801.5
TREND ESTIMATES									
2000 Dec. qtr	2,245.2	2,278.3	1,240.7	3,518.8	701.5	2,233.9	2,991.9	6,345.1	7,213.0
2001 Mar. qtr	2,284.3	2,314.9	1,284.6	3,599.6	742.3	2,232.9	2,970.5	6,432.7	7,312.2
Jun qtr	2,729.1	2,764.6	1,490.9	4,255.5	804.8	2,246.3	3,035.9	7,144.1	8,096.3
Sep. qtr	3,228.1	3,273.0	1,678.6	4,950.1	835.7	2,351.4	3,138.2	7,998.8	8,928.9
Dec. qtr	3,646.3	3,699.3	1,768.8	5,467.4	868.2	2,527.1	3,277.4	8,753.4	9,616.7
2002 Mar. qtr	3,921.4	3,980.8	1,744.1	5,734.4	892.3	2,701.9	3,425.2	9,205.7	9,988.4

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 32 to 35 of the Explanatory Notes.



**TABLE 4. VALUE OF BUILDING WORK COMMENCED, CHAIN VOLUME MEASURES(a): ALL SERIES, PERCENTAGE CHANGE**

Period		New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
		Houses		Other residential building	Total		Private sector	Total	Private sector	Total
		Private sector	Total							
ORIGINAL (% change from previous period)										
1998-1999		6.2	6.8	-2.5	4.1	-0.6	-8.2	-16.9	-0.8	-5.3
1999-2000		21.1	19.8	21.8	20.4	12.5	-10.8	-3.7	10.4	10.6
2000-2001		-39.0	-38.9	-18.1	-33.0	-21.1	5.5	-0.6	-22.5	-21.4
2000	Dec. qtr	3.0	2.5	-2.9	0.6	16.6	-7.8	-6.8	0.2	-1.0
2001	Mar. qtr	-8.6	-8.6	7.6	-3.1	-5.4	-1.9	8.2	-3.6	1.0
	Jun qtr	19.7	19.6	-7.2	9.5	13.1	20.5	11.9	13.1	10.9
	Sep. qtr	34.2	33.8	57.9	41.5	11.0	-15.9	-17.0	18.6	14.1
	Dec. qtr	7.8	8.9	-5.2	3.8	-3.5	23.7	17.1	8.7	7.1
2002	Mar. qtr	-7.2	-7.9	-17.3	-10.9	0.1	-1.1	10.7	-7.2	-2.8
SEASONALLY ADJUSTED (% change from previous quarter)										
2000	Dec. qtr	6.8	6.0	12.7	8.2	16.6	n.a.	-10.3	4.1	0.9
2001	Mar. qtr	-4.6	-4.1	0.6	-2.5	4.8	n.a.	8.0	0.3	2.2
	Jun qtr	9.3	9.2	2.7	6.9	4.0	n.a.	8.5	4.4	7.2
	Sep. qtr	35.5	35.1	30.8	33.6	8.8	n.a.	-10.6	18.5	13.0
	Dec. qtr	11.8	12.6	11.7	12.3	-3.2	n.a.	12.4	13.4	10.8
2002	Mar. qtr	-3.1	-3.5	-22.9	-10.0	10.5	n.a.	10.9	-3.2	-1.4
TREND ESTIMATES (% change from previous quarter)										
2000	Dec. qtr	-18.2	-18.1	-4.5	-13.8	-7.8	1.1	-1.9	-8.6	-8.6
2001	Mar. qtr	1.7	1.6	3.5	2.3	5.8	—	-0.7	1.4	1.4
	Jun qtr	19.5	19.4	16.1	18.2	8.4	0.6	2.2	11.1	10.7
	Sep. qtr	18.3	18.4	12.6	16.3	3.8	4.7	3.4	12.0	10.3
	Dec. qtr	13.0	13.0	5.4	10.5	3.9	7.5	4.4	9.4	7.7
2002	Mar. qtr	7.5	7.6	-1.4	4.9	2.8	6.9	4.5	5.2	3.9

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 32 to 35 of the Explanatory Notes.

**TABLE 5. VALUE OF BUILDING WORK DONE, CHAIN VOLUME MEASURES(a), BY STATE: ORIGINAL  
(\$ million)**

<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>
<b>NEW RESIDENTIAL BUILDING</b>									
1998-1999	6,952.4	4,604.7	3,364.3	787.9	2,090.3	143.6	293.7	215.6	18,458.4
1999-2000	7,615.4	5,819.9	4,002.1	1,000.0	2,506.5	185.7	222.7	306.4	21,658.8
2000-2001	5,165.4	4,747.2	2,792.1	739.9	1,855.2	124.8	129.3	210.3	15,764.2
2000 Dec. qtr	1,300.2	1,149.0	669.0	192.1	481.3	33.4	31.3	45.9	3,902.2
2001 Mar. qtr	1,133.5	1,104.1	603.6	171.9	458.2	29.5	21.3	48.1	3,570.2
Jun qtr	1,200.8	1,220.7	756.6	174.4	425.3	31.7	33.9	59.6	3,903.0
Sep. qtr	1,338.3	1,378.8	931.2	200.1	487.1	34.9	40.7	63.3	4,474.5
Dec. qtr	1,610.0	1,350.3	978.4	226.9	546.4	43.1	38.2	64.7	4,858.1
2002 Mar. qtr	1,524.1	1,385.6	940.4	227.9	513.0	43.0	28.9	56.0	4,718.8
<b>ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS</b>									
1998-1999	1,526.6	1,070.7	316.2	158.1	229.3	39.6	30.7	66.4	3,438.2
1999-2000	1,606.9	1,269.3	369.7	195.5	281.8	48.2	32.8	89.0	3,892.9
2000-2001	1,084.0	1,047.1	377.7	141.8	220.3	43.9	21.6	46.6	2,983.2
2000 Dec. qtr	267.3	275.0	91.3	37.1	56.0	10.7	6.4	12.3	756.1
2001 Mar. qtr	260.1	250.8	86.2	35.8	54.1	11.1	4.8	10.3	713.3
Jun qtr	269.3	292.2	124.9	42.0	59.9	12.6	4.6	12.6	818.1
Sep. qtr	305.2	300.5	119.8	42.2	59.9	14.7	4.3	14.4	861.1
Dec. qtr	347.8	317.6	122.0	41.3	65.5	18.5	6.9	18.0	937.6
2002 Mar. qtr	287.0	276.6	110.0	40.0	58.6	10.2	4.6	15.5	802.4
<b>NON-RESIDENTIAL BUILDING</b>									
1998-1999	6,262.1	3,685.7	2,711.7	585.1	1,011.8	175.7	235.7	380.7	15,058.1
1999-2000	6,266.6	3,430.7	2,585.1	629.4	1,210.3	165.0	138.4	264.7	14,690.0
2000-2001	4,130.0	3,395.6	2,434.4	606.9	1,047.0	151.9	149.0	278.6	12,193.5
2000 Dec. qtr	1,030.3	870.5	630.1	171.7	261.1	38.9	32.3	62.1	3,097.0
2001 Mar. qtr	898.7	811.9	552.8	141.6	246.1	42.5	30.1	70.5	2,794.2
Jun qtr	1,010.8	873.8	600.9	158.3	270.1	35.5	47.4	55.8	3,052.7
Sep. qtr	1,034.1	915.6	638.7	163.9	296.3	33.9	36.4	67.5	3,186.5
Dec. qtr	1,116.1	937.0	584.7	203.4	290.6	42.6	53.4	94.7	3,322.5
2002 Mar. qtr	1,055.6	838.7	552.1	171.0	221.4	33.5	55.0	57.9	2,985.1
<b>TOTAL BUILDING</b>									
1998-1999	14,742.7	9,382.8	6,394.0	1,533.8	3,331.4	359.5	561.9	664.9	36,983.0
1999-2000	15,488.8	10,520.0	6,956.7	1,824.8	3,998.6	398.9	393.7	660.0	40,241.9
2000-2001	10,379.5	9,189.8	5,604.2	1,488.8	3,122.6	320.6	299.8	535.6	30,940.8
2000 Dec. qtr	2,597.9	2,294.5	1,390.4	400.8	798.4	83.0	70.0	120.4	7,755.3
2001 Mar. qtr	2,292.3	2,166.8	1,242.6	349.4	758.4	83.1	56.2	128.8	7,077.6
Jun qtr	2,480.9	2,386.7	1,482.4	374.8	755.4	79.8	85.8	128.1	7,773.8
Sep. qtr	2,677.6	2,594.9	1,689.8	406.2	843.4	83.5	81.4	145.2	8,522.0
Dec. qtr	3,073.9	2,604.9	1,685.1	471.7	902.6	104.2	98.4	177.4	9,118.1
2002 Mar. qtr	2,866.7	2,500.8	1,602.5	438.8	793.0	86.7	88.4	129.5	8,506.3

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 32 to 35 of the Explanatory Notes.

**TABLE 6. VALUE OF BUILDING WORK COMMENCED, CHAIN VOLUME MEASURES(a), BY STATE: ORIGINAL (\$ million)**

<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>
<b>NEW RESIDENTIAL BUILDING</b>									
1998-1999	6,590.3	4,823.5	3,198.8	827.1	2,173.7	136.1	259.7	248.7	18,262.0
1999-2000	7,054.3	6,361.5	4,094.7	1,044.9	2,719.4	183.9	205.3	318.8	21,982.8
2000-2001	4,698.4	4,715.7	2,580.5	689.1	1,588.3	113.2	133.8	210.0	14,729.4
2000 Dec. qtr	1,337.8	1,025.8	625.7	148.6	400.7	35.3	23.2	62.3	3,659.6
2001 Mar. qtr	1,133.6	1,183.6	594.9	165.8	381.1	22.4	14.4	51.6	3,547.4
Jun qtr	1,136.7	1,301.1	755.9	171.8	390.1	31.7	47.7	49.0	3,884.1
Sep. qtr	1,702.6	1,752.1	1,040.7	282.3	559.7	34.4	56.9	68.1	5,496.8
Dec. qtr	2,006.8	1,503.9	1,119.0	263.2	605.8	55.2	33.7	119.9	5,707.5
2002 Mar. qtr	1,557.2	1,591.9	1,052.8	238.3	512.1	53.0	21.3	56.9	5,083.5
<b>ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS</b>									
1998-1999	1,370.9	1,065.8	296.7	151.0	242.4	40.5	30.4	71.6	3,270.1
1999-2000	1,380.9	1,295.7	368.6	198.8	265.0	55.3	32.5	83.2	3,679.9
2000-2001	1,025.9	997.0	393.2	142.0	246.6	38.9	21.2	40.0	2,904.6
2000 Dec. qtr	259.0	265.2	110.1	39.3	50.6	8.1	6.3	11.2	749.8
2001 Mar. qtr	271.9	208.4	82.4	38.4	82.9	10.1	4.4	10.7	709.2
Jun qtr	253.1	286.2	128.7	41.7	65.7	10.9	5.6	10.6	802.3
Sep. qtr	299.8	357.6	108.2	39.0	52.4	11.3	4.5	17.8	890.6
Dec. qtr	316.7	284.9	112.7	44.8	62.1	13.5	6.0	18.5	859.1
2002 Mar. qtr	300.7	314.2	118.0	43.5	51.5	10.8	4.9	16.8	860.3
<b>NON-RESIDENTIAL BUILDING</b>									
1998-1999	4,729.3	3,183.5	2,237.5	644.5	1,158.9	181.2	196.4	319.9	12,657.9
1999-2000	4,490.6	3,263.1	2,064.2	576.8	1,219.7	158.3	138.6	277.6	12,189.0
2000-2001	3,809.6	3,642.6	2,323.5	711.4	1,123.9	152.1	200.0	157.5	12,120.6
2000 Dec. qtr	1,014.4	771.6	521.3	148.7	224.3	51.4	25.1	19.7	2,776.5
2001 Mar. qtr	948.7	917.3	666.5	108.4	205.4	31.2	63.1	63.6	3,004.2
Jun qtr	808.9	1,153.6	518.6	290.1	457.3	37.5	50.3	46.0	3,362.3
Sep. qtr	1,000.8	693.1	574.0	180.8	216.1	32.0	23.8	71.6	2,792.3
Dec. qtr	1,202.5	994.1	464.1	189.3	254.4	52.3	38.2	74.5	3,269.4
2002 Mar. qtr	1,332.9	1,224.4	601.3	159.7	173.9	29.3	60.6	36.1	3,618.4
<b>TOTAL BUILDING</b>									
1998-1999	12,698.5	9,085.3	5,742.3	1,627.7	3,579.8	358.7	487.1	641.7	34,235.8
1999-2000	12,926.0	10,920.3	6,527.4	1,820.4	4,204.1	397.6	376.4	679.6	37,851.9
2000-2001	9,533.9	9,355.3	5,297.2	1,542.6	2,958.6	304.3	355.0	407.5	29,754.5
2000 Dec. qtr	2,611.2	2,062.6	1,257.1	336.7	675.6	94.9	54.6	93.2	7,185.9
2001 Mar. qtr	2,354.2	2,309.4	1,343.8	312.5	669.3	63.7	81.9	125.9	7,260.7
Jun qtr	2,198.6	2,740.8	1,403.2	503.6	913.0	80.1	103.6	105.6	8,048.7
Sep. qtr	3,003.2	2,802.8	1,722.9	502.2	828.2	77.7	85.2	157.5	9,179.7
Dec. qtr	3,526.0	2,782.8	1,695.9	497.3	922.2	121.0	77.9	212.9	9,836.0
2002 Mar. qtr	3,190.8	3,130.5	1,772.1	441.5	737.5	93.1	86.8	109.8	9,562.2

(a) Reference year for chain volume measures is 1999-2000. See paragraphs 32 to 35 of the Explanatory Notes.

**TABLE 7. NUMBER OF DWELLING UNITS COMMENCED AND COMPLETED**

Period	New houses				Total dwelling units (includes conversions etc)			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
SEASONALLY ADJUSTED								
2000 Dec. qtr	19,062	23,286	19,392	23,593	28,600	34,856	29,410	35,651
2001 Mar. qtr	17,429	21,494	17,663	21,821	26,852	30,877	27,733	31,942
Jun. qtr	19,359	20,073	19,676	20,346	28,357	29,038	29,416	29,971
Sep. qtr	26,714	20,178	26,910	20,520	37,968	29,520	38,957	30,396
Dec. qtr	29,620	23,087	30,302	23,380	42,476	32,080	43,594	32,991
2002 Mar. qtr	28,307	24,394	28,690	24,743	39,447	32,395	40,419	33,447
TREND ESTIMATES								
2000 Dec. qtr	18,864	23,532	19,181	23,863	28,664	34,508	29,490	35,483
2001 Mar. qtr	17,942	21,329	18,196	21,637	27,072	31,280	27,982	32,220
Jun. qtr	20,836	20,286	21,110	20,587	30,647	29,535	31,641	30,462
Sep. qtr	25,073	20,971	25,446	21,282	36,044	29,999	37,087	30,920
Dec. qtr	28,309	22,482	28,768	22,804	40,123	31,279	41,169	32,212
2002 Mar. qtr	30,407	24,339	30,782	24,605	42,690	32,625	43,711	33,683

**TABLE 8. NUMBER OF DWELLING UNITS COMMENCED AND COMPLETED, PERCENTAGE CHANGE**

Period	New houses				Total dwelling units (includes conversions etc)			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
SEASONALLY ADJUSTED (% change from previous quarter)								
2000 Dec. qtr	4.8	-10.4	4.8	-10.5	5.3	-7.5	3.7	-8.1
2001 Mar. qtr	-8.6	-7.7	-8.9	-7.5	-6.1	-11.4	-5.7	-10.4
Jun. qtr	11.1	-6.6	11.4	-6.8	5.6	-6.0	6.1	-6.2
Sep. qtr	38.0	0.5	36.8	0.9	33.9	1.7	32.4	1.4
Dec. qtr	10.9	14.4	12.6	13.9	11.9	8.7	11.9	8.5
2002 Mar. qtr	-4.4	5.7	-5.3	5.8	-7.1	1.0	-7.3	1.4
TREND ESTIMATES (% change from previous quarter)								
2000 Dec. qtr	-19.0	-9.2	-18.8	-9.2	-16.3	-8.2	-15.8	-8.1
2001 Mar. qtr	-4.9	-9.4	-5.1	-9.3	-5.6	-9.4	-5.1	-9.2
Jun. qtr	16.1	-4.9	16.0	-4.9	13.2	-5.6	13.1	-5.5
Sep. qtr	20.3	3.4	20.5	3.4	17.6	1.6	17.2	1.5
Dec. qtr	12.9	7.2	13.1	7.2	11.3	4.3	11.0	4.2
2002 Mar. qtr	7.4	8.3	7.0	7.9	6.4	4.3	6.2	4.6

**TABLE 9. NUMBER OF DWELLING UNITS COMMENCED BY STATE**

<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>Australia</i>
SEASONALLY ADJUSTED									
2000 Dec. qtr	9,758	7,934	5,243	1,478	3,480	321	n.a.	459	29,410
2001 Mar. qtr	7,871	8,804	5,586	1,630	3,370	212	n.a.	382	27,733
Jun. qtr	8,508	8,998	5,918	1,726	3,422	301	n.a.	427	29,416
Sep. qtr	10,092	12,053	8,745	2,273	4,740	370	n.a.	556	38,957
Dec. qtr	13,762	11,491	8,378	2,567	5,078	496	n.a.	807	43,594
2002 Mar. qtr	11,170	12,189	9,286	2,376	4,694	524	n.a.	367	40,419
TREND ESTIMATES									
2000 Dec. qtr	9,038	8,227	5,550	1,558	3,299	271	206	406	29,490
2001 Mar. qtr	8,236	8,456	5,459	1,550	3,324	253	224	389	27,982
Jun. qtr	8,944	9,743	6,521	1,855	3,808	297	288	482	31,641
Sep. qtr	10,506	10,978	7,771	2,186	4,407	379	311	575	37,087
Dec. qtr	11,898	11,824	8,717	2,418	4,845	468	262	605	41,169
2002 Mar. qtr	12,582	12,364	9,429	2,547	5,077	528	187	557	43,711

**TABLE 10. NUMBER OF DWELLING UNITS COMMENCED BY STATE, PERCENTAGE CHANGE**

<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>Australia</i>
SEASONALLY ADJUSTED (% change from previous quarter)									
2000 Dec. qtr	31.4	-10.4	-10.9	-14.4	-3.7	19.7	n.a.	21.0	3.7
2001 Mar. qtr	-19.3	11.0	6.6	10.3	-3.2	-33.9	n.a.	-16.8	-5.7
Jun. qtr	8.1	2.2	5.9	5.9	1.6	42.1	n.a.	11.7	6.1
Sep. qtr	18.6	34.0	47.8	31.7	38.5	22.7	n.a.	30.4	32.4
Dec. qtr	36.4	-4.7	-4.2	12.9	7.1	34.0	n.a.	45.0	11.9
2002 Mar. qtr	-18.8	6.1	10.8	-7.5	-7.6	5.8	n.a.	-54.6	-7.3
TREND ESTIMATES (% change from previous quarter)									
2000 Dec. qtr	-13.8	-13.9	-19.6	-18.0	-17.8	-17.3	-22.7	-13.3	-15.8
2001 Mar. qtr	-8.9	2.8	-1.6	-0.5	0.8	-6.5	8.7	-4.3	-5.1
Jun. qtr	8.6	15.2	19.4	19.7	14.6	17.1	28.5	24.0	13.1
Sep. qtr	17.5	12.7	19.2	17.8	15.7	27.8	8.1	19.3	17.2
Dec. qtr	13.2	7.7	12.2	10.6	9.9	23.5	-15.9	5.2	11.0
2002 Mar. qtr	5.8	4.6	8.2	5.3	4.8	12.8	-28.6	-8.0	6.2

**TABLE 11. NUMBER OF DWELLING UNITS COMPLETED BY STATE**

<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>Australia</i>
SEASONALLY ADJUSTED									
2000 Dec. qtr	11,855	9,606	6,263	n.a.	4,811	341	n.a.	437	35,651
2001 Mar. qtr	9,294	9,692	6,049	n.a.	4,435	310	n.a.	521	31,942
Jun qtr	7,923	9,063	5,457	n.a.	3,791	327	n.a.	581	29,971
Sep. qtr	8,889	8,753	6,326	n.a.	4,011	284	n.a.	446	30,396
Dec. qtr	8,161	9,520	8,809	n.a.	4,060	368	n.a.	379	32,991
2002 Mar. qtr	10,150	9,712	7,190	n.a.	4,056	330	n.a.	569	33,447
TREND ESTIMATES									
2000 Dec. qtr	11,524	10,081	6,411	1,990	4,629	352	304	507	35,483
2001 Mar. qtr	9,636	9,376	5,740	1,971	4,352	320	245	519	32,220
Jun qtr	8,401	9,078	5,929	1,833	4,058	308	232	506	30,462
Sep. qtr	8,344	9,095	6,741	1,721	3,957	319	240	475	30,920
Dec. qtr	8,869	9,312	7,539	1,714	4,009	333	250	459	32,212
2002 Mar. qtr	9,507	9,636	8,068	1,767	4,099	342	248	478	33,683

**TABLE 12. VALUE OF BUILDING WORK DONE(a)**  
(\$ million)

(\$ million)									
Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
SEASONALLY ADJUSTED									
2000 Dec. qtr	2,859.3	2,894.9	1,409.2	4,304.1	811.1	2,154.3	3,009.9	7,142.3	8,125.1
2001 Mar. qtr	2,927.8	2,974.3	1,381.9	4,356.2	862.9	2,236.1	3,151.4	7,312.6	8,370.5
Jun qtr	2,935.7	2,970.7	1,367.8	4,338.5	942.5	2,205.5	3,058.9	7,341.0	8,339.8
Sep. qtr	3,400.9	3,440.2	1,461.0	4,901.2	977.8	2,218.3	3,173.5	7,941.6	9,052.5
Dec. qtr	3,728.7	3,786.5	1,632.1	5,418.7	1,027.9	2,321.4	3,227.3	8,606.0	9,673.9
2002 Mar. qtr	4,001.0	4,070.7	1,784.6	5,855.3	994.2	2,498.4	3,389.0	9,182.7	10,238.5
TREND ESTIMATES									
2000 Dec. qtr	2,969.1	3,009.4	1,432.6	4,442.0	830.8	2,225.1	3,120.0	7,381.3	8,392.8
2001 Mar. qtr	2,870.1	2,909.4	1,368.3	4,277.7	864.5	2,171.1	3,050.6	7,173.5	8,192.9
Jun qtr	3,032.4	3,070.7	1,383.5	4,454.2	929.7	2,199.0	3,097.2	7,433.4	8,481.1
Sep. qtr	3,357.0	3,399.4	1,483.3	4,882.2	980.5	2,251.5	3,164.1	7,958.8	9,026.2
Dec. qtr	3,696.9	3,750.6	1,620.0	5,370.2	1,006.1	2,337.7	3,250.0	8,552.9	9,626.0
2002 Mar. qtr	4,011.8	4,107.2	1,762.7	5,880.6	1,015.6	2,452.4	3,360.4	9,187.8	10,262.9

(a) From the September quarter 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 13. VALUE OF BUILDING WORK COMMENCED(a)**  
(\$ million)

(\$ million)									
Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
SEASONALLY ADJUSTED									
2000 Dec. qtr	2,723.5	2,752.6	1,389.4	4,142.0	825.4	n.a.	2,783.0	6,980.3	7,750.4
2001 Mar. qtr	2,608.5	2,647.7	1,435.5	4,083.2	867.3	n.a.	3,004.8	7,061.7	7,955.4
Jun qtr	2,857.2	2,896.6	1,442.6	4,339.2	904.2	n.a.	3,294.8	7,442.1	8,538.2
Sep. qtr	3,899.1	3,940.8	1,906.4	5,847.2	995.5	n.a.	2,945.7	8,851.2	9,788.4
Dec. qtr	4,404.6	4,481.5	2,124.1	6,605.6	972.9	n.a.	3,347.9	10,099.1	10,926.5
2002 Mar. qtr	4,300.5	4,359.9	1,693.2	6,053.1	1,079.7	n.a.	3,743.5	9,871.0	10,876.3
TREND ESTIMATES									
2000 Dec. qtr	2,726.8	2,748.5	1,338.7	4,087.2	796.8	2,241.2	2,998.9	7,005.2	7,882.9
2001 Mar. qtr	2,644.4	2,675.7	1,392.1	4,067.8	850.0	2,246.3	2,985.2	7,003.5	7,903.1
Jun qtr	3,070.7	3,113.7	1,610.3	4,724.0	920.9	2,269.6	3,065.2	7,737.1	8,710.2
Sep. qtr	3,700.3	3,751.5	1,816.1	5,568.6	963.4	2,386.5	3,184.8	8,753.4	9,717.4
Dec. qtr	4,211.6	4,272.5	1,927.7	6,200.9	1,010.4	2,584.0	3,356.2	9,641.7	10,568.3
2002 Mar. qtr	4,583.1	4,652.5	1,929.3	6,565.7	1,054.5	2,811.2	3,558.8	10,308.2	11,165.7

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 14. VALUE OF BUILDING WORK COMPLETED(a)**  
(\$ million)

(\$ million)									
Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
SEASONALLY ADJUSTED									
2000 Dec. qtr	3,280.8	3,341.0	1,562.6	4,903.5	847.6	2,453.3	3,230.4	8,064.5	8,981.5
2001 Mar. qtr	3,125.6	3,174.4	1,361.8	4,536.1	843.7	2,557.7	3,426.6	7,804.7	8,806.4
Jun qtr	3,035.6	3,074.6	1,335.0	4,409.6	854.0	2,481.3	3,314.1	7,571.6	8,577.6
Sep. qtr	3,093.1	3,107.7	1,519.2	4,626.9	862.6	2,709.3	3,530.7	8,088.6	9,020.2
Dec. qtr	3,300.4	3,367.1	1,309.1	4,676.3	994.8	1,693.0	2,605.8	7,189.7	8,276.9
2002 Mar. qtr	3,596.6	3,656.9	1,395.9	5,052.8	912.2	1,909.8	2,576.0	7,738.1	8,540.9
TREND ESTIMATES									
2000 Dec. qtr	3,343.6	3,383.5	1,504.4	4,887.9	851.4	2,583.3	3,377.1	8,198.1	9,116.3
2001 Mar. qtr	3,130.9	3,176.0	1,425.0	4,600.9	839.5	2,552.9	3,339.8	7,847.4	8,780.3
Jun qtr	3,040.6	3,078.9	1,391.9	4,470.8	857.4	2,537.0	3,399.8	7,717.8	8,728.1
Sep. qtr	3,136.4	3,173.6	1,394.8	4,568.8	895.9	2,353.8	3,204.4	7,674.1	8,670.7
Dec. qtr	3,314.2	3,363.2	1,394.5	4,757.7	930.8	2,060.9	2,873.9	7,604.0	8,563.7
2002 Mar. qtr	3,537.7	3,592.5	1,378.2	4,970.3	952.0	1,812.7	2,572.7	7,556.1	8,460.9

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

TABLE 15. NUMBER AND VALUE OF BUILDING COMMENCED(a): ORIGINAL

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
1998-1999	100,353	40,067	3,391	143,811	12,144.7	4,578.3	16,723.0	2,985.1	19,708.1	9,336.6	29,044.7
1999-2000	118,377	46,040	3,331	167,748	15,541.0	6,039.9	21,580.9	3,568.5	25,149.4	8,584.5	33,733.8
2000-2001	74,128	34,504	2,345	110,978	10,756.8	5,209.3	15,966.1	3,125.1	19,091.2	9,125.2	28,216.3
2000 Dec. qtr	18,903	8,701	541	28,145	2,693.9	1,286.9	3,980.8	828.5	4,809.3	2,141.7	6,951.0
2001 Mar. qtr	16,533	8,676	565	25,774	2,473.3	1,386.5	3,859.7	746.5	4,606.3	2,103.3	6,709.5
Jun qtr	20,187	8,329	487	29,003	2,966.8	1,245.2	4,212.0	850.3	5,062.3	2,559.8	7,622.1
Sep. qtr	27,192	11,428	682	39,302	3,998.1	2,030.6	6,028.7	978.5	7,007.2	2,152.2	9,159.4
Dec. qtr	29,353	12,000	422	41,776	4,352.5	1,987.9	6,340.5	970.2	7,310.7	2,690.5	10,001.2
2002 Mar. qtr	26,806	10,065	915	37,786	4,072.5	1,648.6	5,721.1	959.5	6,680.6	2,676.9	9,357.5
PUBLIC SECTOR											
1998-1999	2,811	2,746	51	5,608	291.7	227.1	518.8	86.8	605.6	2,945.7	3,551.3
1999-2000	1,750	2,286	81	4,117	202.9	199.1	402.0	111.4	513.4	3,604.6	4,118.0
2000-2001	1,202	2,575	191	3,968	157.3	281.2	438.5	170.9	609.4	3,070.7	3,680.2
2000 Dec. qtr	285	389	3	677	36.3	42.5	78.8	21.2	100.0	643.9	743.9
2001 Mar. qtr	248	476	111	835	33.4	52.8	86.3	59.6	145.9	911.3	1,057.1
Jun qtr	262	777	50	1,089	38.6	91.6	130.3	63.9	194.1	851.4	1,045.5
Sep. qtr	309	861	19	1,190	40.0	105.1	145.2	47.4	192.6	678.1	870.7
Dec. qtr	608	319	2	930	87.6	34.1	121.7	29.3	151.0	660.8	811.7
2002 Mar. qtr	408	499	1	908	50.6	51.2	101.8	45.7	147.5	1,062.3	1,209.8
TOTAL											
1998-1999	103,164	42,813	3,442	149,419	12,436.4	4,805.4	17,241.8	3,071.9	20,313.7	12,282.3	32,596.0
1999-2000	120,127	48,326	3,412	171,865	15,744.0	6,238.9	21,982.9	3,679.9	25,662.8	12,189.0	37,851.9
2000-2001	75,330	37,079	2,536	114,946	10,914.1	5,490.5	16,404.6	3,296.1	19,700.6	12,195.9	31,896.5
2000 Dec. qtr	19,188	9,090	544	28,822	2,730.2	1,329.4	4,059.6	849.7	4,909.3	2,785.5	7,694.8
2001 Mar. qtr	16,781	9,152	676	26,609	2,506.7	1,439.3	3,946.0	806.2	4,752.2	3,014.5	7,766.7
Jun qtr	20,449	9,106	537	30,092	3,005.4	1,336.9	4,342.3	914.1	5,256.4	3,411.1	8,667.6
Sep. qtr	27,501	12,289	701	40,492	4,038.1	2,135.8	6,173.9	1,025.9	7,199.8	2,830.3	10,030.1
Dec. qtr	29,962	12,320	424	42,705	4,440.1	2,022.0	6,462.2	999.5	7,461.6	3,351.3	10,812.9
2002 Mar. qtr	27,214	10,564	916	38,693	4,123.0	1,699.8	5,822.9	1,005.2	6,828.1	3,739.3	10,567.3

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.



**TABLE 16. VALUE OF NON-RESIDENTIAL BUILDING COMMENCED: ORIGINAL**  
(\$ million)

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
<b>PRIVATE SECTOR</b>											
1998-1999	1,001.3	2,350.2	847.2	1,770.0	1,445.7	437.2	95.2	519.6	708.9	161.4	9,336.6
1999-2000	640.3	2,039.1	997.1	1,480.2	1,533.3	495.8	130.9	487.7	560.1	220.0	8,584.5
2000-2001	397.2	2,263.2	673.2	2,226.3	1,287.3	598.2	118.3	496.5	613.5	451.4	9,125.2
2000 Dec. qtr	96.6	500.7	176.8	536.7	329.8	205.1	36.2	77.2	105.5	77.0	2,141.7
2001 Mar. qtr	91.4	514.7	155.6	409.4	260.0	142.4	21.8	200.1	241.6	66.3	2,103.3
Jun qtr	123.7	712.6	170.8	677.2	342.2	128.7	34.2	126.4	120.8	123.2	2,559.8
Sep. qtr	66.4	495.2	231.6	425.4	374.8	158.9	24.8	142.6	141.3	91.3	2,152.2
Dec. qtr	202.3	607.7	218.7	629.3	444.0	188.1	22.6	158.7	155.3	64.0	2,690.5
2002 Mar. qtr	133.7	581.3	146.6	882.5	394.9	151.6	25.0	183.7	99.4	78.2	2,676.9
<b>PUBLIC SECTOR</b>											
1998-1999	20.6	45.1	39.2	312.6	274.9	1,045.4	1.4	413.9	468.1	324.5	2,945.7
1999-2000	24.4	21.3	14.1	370.0	212.2	1,145.2	—	773.0	344.6	699.8	3,604.6
2000-2001	15.5	16.2	12.4	265.1	277.6	1,175.8	0.4	769.5	224.3	313.9	3,070.7
2000 Dec. qtr	2.1	3.6	6.7	50.1	49.3	272.0	—	144.1	68.4	47.5	643.9
2001 Mar. qtr	3.5	2.4	3.1	107.0	44.0	367.1	—	207.5	28.4	148.3	911.3
Jun qtr	8.5	5.3	1.3	58.0	31.8	324.3	—	300.2	54.0	67.9	851.4
Sep. qtr	3.8	16.1	7.4	85.5	33.1	256.2	—	128.4	89.2	58.4	678.1
Dec. qtr	3.3	5.4	2.6	88.1	63.0	245.0	—	131.0	41.2	81.3	660.8
2002 Mar. qtr	0.6	6.9	0.4	73.7	30.7	399.9	—	328.6	58.6	163.0	1,062.3
<b>TOTAL</b>											
1998-1999	1,021.9	2,395.3	886.4	2,082.7	1,720.6	1,482.6	96.7	933.4	1,177.0	485.8	12,282.3
1999-2000	664.7	2,060.4	1,011.2	1,850.2	1,745.4	1,641.0	130.9	1,260.7	904.8	919.7	12,189.0
2000-2001	412.8	2,279.4	685.6	2,491.4	1,564.9	1,773.9	118.7	1,265.9	837.8	765.3	12,195.9
2000 Dec. qtr	98.7	504.3	183.6	586.8	379.1	477.1	36.2	221.4	173.9	124.5	2,785.5
2001 Mar. qtr	94.9	517.1	158.7	516.4	304.0	509.5	21.8	407.7	270.0	214.5	3,014.5
Jun qtr	132.2	717.9	172.0	735.2	374.0	453.0	34.2	426.6	174.9	191.1	3,411.1
Sep. qtr	70.2	511.3	239.0	510.9	407.8	415.1	24.8	271.0	230.6	149.7	2,830.3
Dec. qtr	205.6	613.0	221.3	717.4	506.9	433.0	22.6	289.7	196.5	145.3	3,351.3
2002 Mar. qtr	134.3	588.2	147.0	956.2	425.5	551.5	25.0	512.4	158.0	241.2	3,739.3

TABLE 17. NUMBER AND VALUE OF BUILDING UNDER CONSTRUCTION AT END OF PERIOD(a): ORIGINAL

	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
1998-1999	43,225	32,540	3,025	78,790	5,919.8	4,772.9	10,692.7	1,657.0	12,349.7	9,850.7	22,200.4
1999-2000	51,612	37,141	2,954	91,707	7,725.3	5,676.0	13,401.3	1,765.6	15,166.9	7,981.6	23,148.5
2000-2001	34,172	32,196	2,310	68,678	5,595.3	5,920.7	11,516.0	1,746.5	13,262.5	7,350.2	20,612.6
2000 Dec. qtr	37,332	31,440	2,497	71,269	5,925.3	5,328.4	11,253.7	1,620.7	12,874.4	7,164.7	20,039.1
2001 Mar. qtr	34,363	31,713	2,484	68,560	5,641.5	5,730.6	11,372.1	1,669.2	13,041.3	7,138.5	20,179.7
Jun qtr	34,172	32,196	2,310	68,678	5,595.3	5,920.7	11,516.0	1,746.5	13,262.5	7,350.2	20,612.6
Sep. qtr	40,641	33,965	2,688	77,294	6,553.2	6,513.2	13,066.4	1,939.6	15,006.0	7,127.1	22,133.1
Dec. qtr	44,847	37,541	1,863	84,251	7,296.3	7,254.1	14,550.4	1,906.1	16,456.5	7,762.5	24,219.1
2002 Mar. qtr	49,668	40,271	2,316	92,255	8,221.6	7,784.2	16,005.9	2,104.4	18,110.2	9,026.0	27,136.2
PUBLIC SECTOR											
1998-1999	1,000	1,656	11	2,667	101.5	138.9	240.4	26.3	266.7	4,561.9	4,828.6
1999-2000	602	1,265	22	1,889	71.9	115.6	187.5	29.1	216.6	4,648.9	4,865.5
2000-2001	498	1,281	156	1,935	71.4	145.5	216.9	68.5	285.5	4,882.7	5,168.2
2000 Dec. qtr	516	1,351	5	1,872	64.0	132.3	196.4	15.7	212.1	4,468.3	4,680.4
2001 Mar. qtr	474	1,169	116	1,759	61.4	120.3	181.7	46.6	228.3	4,606.1	4,834.4
Jun qtr	498	1,281	156	1,935	71.4	145.5	216.9	68.5	285.5	4,882.7	5,168.2
Sep. qtr	448	1,675	170	2,293	61.7	199.1	260.8	71.4	332.2	4,690.8	5,023.0
Dec. qtr	680	1,245	154	2,078	95.4	142.6	237.9	61.6	299.6	4,391.2	4,690.8
2002 Mar. qtr	775	1,132	151	2,057	99.8	133.0	232.8	78.5	311.3	4,835.9	5,147.2
TOTAL											
1998-1999	44,225	34,196	3,036	81,457	6,021.3	4,911.8	10,933.1	1,683.3	12,616.4	14,412.6	27,028.9
1999-2000	52,214	38,406	2,976	93,596	7,797.3	5,791.6	13,588.9	1,794.7	15,383.5	12,630.5	28,014.0
2000-2001	34,670	33,477	2,466	70,613	5,666.7	6,066.2	11,732.9	1,815.0	13,547.9	12,232.9	25,780.8
2000 Dec. qtr	37,848	32,791	2,502	73,141	5,989.4	5,460.7	11,450.1	1,636.4	13,086.5	11,633.0	24,719.4
2001 Mar. qtr	34,837	32,882	2,600	70,319	5,702.9	5,850.8	11,553.7	1,715.8	13,269.5	11,744.6	25,014.1
Jun qtr	34,670	33,477	2,466	70,613	5,666.7	6,066.2	11,732.9	1,815.0	13,547.9	12,232.9	25,780.8
Sep. qtr	41,089	35,640	2,858	79,587	6,614.9	6,712.3	13,327.2	2,011.0	15,338.2	11,817.9	27,156.1
Dec. qtr	45,526	38,786	2,017	86,329	7,391.7	7,396.7	14,788.4	1,967.7	16,756.1	12,153.8	28,909.8
2002 Mar. qtr	50,443	41,402	2,467	94,313	8,321.5	7,917.2	16,238.7	2,182.9	18,421.6	13,861.9	32,283.4

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 18. VALUE OF NON-RESIDENTIAL BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL**  
**(\$ million)**

	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
PRIVATE SECTOR											
1998-1999	1,778.4	2,150.0	464.0	2,327.9	1,088.4	260.1	79.2	545.3	1,035.7	121.7	9,850.7
1999-2000	1,254.0	1,942.6	572.3	1,680.3	935.8	285.4	113.0	530.7	541.0	126.5	7,981.6
2000-2001	554.6	2,478.8	463.8	1,413.3	682.8	380.4	108.9	483.3	425.8	358.5	7,350.2
2000 Dec. qtr	735.6	2,144.3	480.3	1,586.3	740.4	406.9	101.3	364.3	313.2	292.0	7,164.7
2001 Mar. qtr	722.8	2,325.2	465.4	1,251.2	639.6	377.7	105.4	502.8	448.8	299.7	7,138.5
Jun qtr	554.6	2,478.8	463.8	1,413.3	682.8	380.4	108.9	483.3	425.8	358.5	7,350.2
Sep. qtr	530.0	1,938.4	478.2	1,552.4	707.8	460.6	105.7	487.5	475.6	391.0	7,127.1
Dec. qtr	658.9	2,032.3	516.2	1,747.1	799.9	476.1	112.7	530.0	501.2	388.3	7,762.5
2002 Mar. qtr	711.6	2,262.3	519.7	2,510.6	974.3	443.2	119.0	609.9	474.3	401.1	9,026.0
PUBLIC SECTOR											
1998-1999	17.9	24.9	23.9	228.6	694.0	1,123.9	0.8	1,469.7	666.7	311.4	4,561.9
1999-2000	18.6	25.3	7.6	260.3	253.6	1,428.0	—	1,557.3	474.6	623.4	4,648.9
2000-2001	10.0	36.5	3.7	262.3	271.6	1,558.1	—	1,797.2	394.2	549.2	4,882.7
2000 Dec. qtr	1.4	26.1	7.9	205.8	290.4	1,414.3	0.4	1,578.6	365.0	578.3	4,468.3
2001 Mar. qtr	2.8	23.9	9.1	253.4	286.4	1,461.1	—	1,579.0	361.5	629.0	4,606.1
Jun qtr	10.0	36.5	3.7	262.3	271.6	1,558.1	—	1,797.2	394.2	549.2	4,882.7
Sep. qtr	8.2	44.4	8.7	283.9	253.7	1,468.9	—	1,753.1	410.8	459.2	4,690.8
Dec. qtr	7.5	47.0	1.4	324.1	266.2	1,330.6	—	1,658.6	281.7	474.1	4,391.2
2002 Mar. qtr	4.2	38.6	1.6	353.6	270.3	1,421.3	—	1,884.5	298.6	563.0	4,835.9
TOTAL											
1998-1999	1,796.3	2,174.9	487.9	2,556.5	1,782.4	1,384.0	80.1	2,014.9	1,702.4	433.2	14,412.6
1999-2000	1,272.7	1,967.9	579.9	1,940.7	1,189.4	1,713.4	113.0	2,088.0	1,015.6	749.9	12,630.5
2000-2001	564.6	2,515.3	467.5	1,675.6	954.3	1,938.4	108.9	2,280.5	819.9	907.7	12,232.9
2000 Dec. qtr	737.1	2,170.4	488.2	1,792.1	1,030.8	1,821.2	101.8	1,942.9	678.2	870.3	11,633.0
2001 Mar. qtr	725.6	2,349.1	474.4	1,504.7	925.9	1,838.8	105.4	2,081.8	810.3	928.6	11,744.6
Jun qtr	564.6	2,515.3	467.5	1,675.6	954.3	1,938.4	108.9	2,280.5	819.9	907.7	12,232.9
Sep. qtr	538.2	1,982.8	486.9	1,836.3	961.4	1,929.5	105.7	2,240.6	886.3	850.2	11,817.9
Dec. qtr	666.4	2,079.3	517.5	2,071.1	1,066.1	1,806.7	112.7	2,188.6	782.9	862.3	12,153.8
2002 Mar. qtr	715.8	2,301.0	521.3	2,864.2	1,244.6	1,864.5	119.0	2,494.4	772.9	964.1	13,861.9

**TABLE 19. NUMBER AND VALUE OF BUILDING COMPLETED(a): ORIGINAL**

TABLE 19. NUMBER AND VALUE OF BUILDING COMPLETED(a). ORIGINAL											
Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Con-versions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-resi- dential building	Total building
PRIVATE SECTOR											
1998-1999	96,860	39,799	3,678	140,338	11,545.4	4,818.5	16,363.9	2,994.7	19,358.6	9,743.6	29,102.2
1999-2000	109,522	41,016	3,358	153,898	13,928.3	5,582.6	19,510.9	3,651.8	23,162.7	11,385.6	34,548.3
2000-2001	91,028	39,029	2,883	132,941	13,092.5	5,598.3	18,690.8	3,275.8	21,966.6	10,273.6	32,240.2
2000 Dec. qtr	25,059	11,324	987	37,370	3,608.9	1,673.3	5,282.2	904.1	6,186.3	3,065.4	9,251.7
2001 Mar. qtr	19,282	8,353	543	28,179	2,794.1	1,178.5	3,972.6	748.9	4,721.5	2,200.0	6,921.5
Jun qtr	20,292	7,831	640	28,763	3,058.2	1,181.3	4,239.5	800.0	5,039.5	2,307.3	7,346.8
Sep. qtr	20,520	9,498	257	30,275	3,092.4	1,529.6	4,621.9	809.9	5,431.8	2,600.4	8,032.2
Dec. qtr	24,794	8,316	1,232	34,342	3,625.1	1,369.9	4,995.0	1,057.3	6,052.3	2,114.1	8,166.4
2002 Mar. qtr	21,890	7,219	461	29,569	3,214.7	1,211.8	4,426.5	813.4	5,239.9	1,645.2	6,885.1
PUBLIC SECTOR											
1998-1999	2,485	2,870	64	5,419	259.4	218.8	478.3	97.3	575.6	3,225.4	3,801.0
1999-2000	2,128	2,638	68	4,834	233.1	224.2	457.3	109.0	566.4	3,702.5	4,268.9
2000-2001	1,300	2,532	57	3,889	159.4	253.4	412.9	132.4	545.2	3,121.7	3,666.9
2000 Dec. qtr	393	615	32	1,040	49.0	68.5	117.4	31.3	148.8	802.3	951.1
2001 Mar. qtr	290	640	—	930	35.9	63.1	99.0	28.8	127.9	901.6	1,029.4
Jun qtr	231	665	10	906	29.2	66.8	96.0	41.8	137.8	692.6	830.5
Sep. qtr	345	449	5	799	47.9	50.9	98.8	43.1	141.9	899.0	1,040.9
Dec. qtr	377	747	21	1,145	54.3	89.3	143.5	38.8	182.3	1,003.1	1,185.4
2002 Mar. qtr	312	605	4	921	45.7	59.8	105.5	29.4	134.9	690.6	825.5
TOTAL											
1998-1999	99,345	42,669	3,742	145,757	11,804.8	5,037.3	16,842.1	3,092.0	19,934.2	12,969.1	32,903.2
1999-2000	111,650	43,654	3,426	158,732	14,161.5	5,806.7	19,968.2	3,760.8	23,729.1	15,088.1	38,817.2
2000-2001	92,328	41,561	2,940	136,830	13,252.0	5,851.7	19,103.7	3,408.2	22,511.9	13,395.3	35,907.1
2000 Dec. qtr	25,452	11,939	1,019	38,410	3,657.9	1,741.8	5,399.6	935.4	6,335.1	3,867.7	10,202.8
2001 Mar. qtr	19,572	8,993	543	29,109	2,830.0	1,241.6	4,071.6	777.7	4,849.3	3,101.6	7,950.9
Jun qtr	20,523	8,496	650	29,669	3,087.3	1,248.1	4,335.5	841.8	5,177.3	3,000.0	8,177.3
Sep. qtr	20,865	9,947	262	31,074	3,140.3	1,580.5	4,720.8	853.0	5,573.8	3,499.4	9,073.1
Dec. qtr	25,171	9,063	1,253	35,487	3,679.3	1,459.2	5,138.5	1,096.1	6,234.6	3,117.2	9,351.8
2002 Mar. qtr	22,202	7,824	465	30,490	3,260.4	1,271.6	4,532.0	842.8	5,374.8	2,335.7	7,710.5

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 20. VALUE OF NON-RESIDENTIAL BUILDING COMPLETED: ORIGINAL**  
(\$ million)

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
<b>PRIVATE SECTOR</b>											
1998-1999	871.6	2,171.1	878.7	1,720.5	1,799.8	446.1	84.6	580.8	952.9	237.5	9,743.6
1999-2000	1,326.3	2,455.2	915.1	2,427.6	1,756.9	489.8	108.5	522.0	1,162.9	221.4	11,385.6
2000-2001	1,052.0	2,149.8	796.3	2,574.1	1,567.1	502.4	129.7	524.6	745.7	232.0	10,273.6
2000 Dec. qtr	382.0	633.1	215.3	838.2	448.9	104.2	37.7	133.8	221.8	50.3	3,065.4
2001 Mar. qtr	106.6	351.0	178.4	761.0	370.0	172.6	20.0	71.7	114.1	54.7	2,200.0
Jun. qtr	219.8	587.6	178.0	507.8	322.0	124.7	33.4	107.3	150.7	76.2	2,307.3
Sep. qtr	96.2	1,093.1	222.1	383.6	346.5	84.4	30.4	166.7	106.0	71.3	2,600.4
Dec. qtr	76.9	547.6	185.5	442.5	351.1	173.7	22.2	110.2	132.7	71.7	2,114.1
2002 Mar. qtr	55.0	375.2	138.0	304.3	254.9	190.4	19.2	104.3	137.1	66.8	1,645.2
<b>PUBLIC SECTOR</b>											
1998-1999	4.6	35.5	21.9	602.2	352.3	758.2	0.6	631.9	312.8	505.4	3,225.4
1999-2000	23.2	21.5	30.7	367.4	615.1	906.3	0.8	757.9	586.8	392.8	3,702.5
2000-2001	24.7	14.9	16.4	279.7	280.0	1,187.6	0.4	591.1	331.4	395.5	3,121.7
2000 Dec. qtr	20.9	5.2	2.2	93.7	102.9	190.5	—	213.7	83.5	89.6	802.3
2001 Mar. qtr	2.2	3.0	1.9	61.1	49.3	403.4	0.4	247.9	42.8	89.4	901.6
Jun. qtr	0.9	2.7	6.9	59.5	62.1	263.9	—	79.6	53.7	163.4	692.6
Sep. qtr	3.5	5.8	2.4	67.1	53.8	362.7	—	180.0	68.4	155.3	899.0
Dec. qtr	3.7	4.8	9.4	76.7	47.2	387.4	—	236.2	176.4	61.2	1,003.1
2002 Mar. qtr	3.9	14.9	0.7	71.1	25.3	333.1	—	122.0	42.0	77.5	690.6
<b>TOTAL</b>											
1998-1999	876.3	2,206.6	900.6	2,322.7	2,152.1	1,204.2	85.2	1,212.7	1,265.7	742.9	12,969.1
1999-2000	1,349.5	2,476.7	945.8	2,795.0	2,372.0	1,396.0	109.3	1,279.8	1,749.7	614.2	15,088.1
2000-2001	1,076.6	2,164.7	812.7	2,853.8	1,847.1	1,690.0	130.1	1,115.7	1,077.0	627.4	13,395.3
2000 Dec. qtr	402.9	638.3	217.5	931.9	551.9	294.7	37.7	347.5	305.3	140.0	3,867.7
2001 Mar. qtr	108.8	354.0	180.3	822.1	419.2	576.0	20.4	319.7	156.9	144.1	3,101.6
Jun. qtr	220.7	590.3	184.8	567.3	384.1	388.6	33.4	186.9	204.3	239.5	3,000.0
Sep. qtr	99.7	1,098.9	224.5	450.7	400.3	447.1	30.4	346.7	174.5	226.6	3,499.4
Dec. qtr	80.6	552.4	194.9	519.3	398.3	561.1	22.2	346.4	309.1	132.9	3,117.2
2002 Mar. qtr	59.0	390.1	138.8	375.3	280.3	523.4	19.2	226.2	179.1	144.3	2,335.7

**TABLE 21. VALUE OF BUILDING WORK DONE (a): ORIGINAL**  
(\$ million)

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
<b>PRIVATE SECTOR</b>							
1998-1999	11,811.2	5,187.9	16,999.0	3,155.5	20,154.6	10,824.7	30,979.2
1999-2000	15,116.7	6,100.3	21,217.0	3,779.4	24,996.4	10,962.0	35,958.4
2000-2001	11,957.6	5,432.2	17,389.7	3,255.3	20,645.0	8,902.2	29,547.2
2000 Dec. qtr	2,940.1	1,352.8	4,292.9	833.6	5,126.4	2,285.5	7,411.9
2001 Mar. qtr	2,711.3	1,234.2	3,945.5	776.9	4,722.4	2,011.2	6,733.6
Jun qtr	2,987.8	1,327.2	4,315.0	883.9	5,198.9	2,196.4	7,395.3
Sep. qtr	3,499.9	1,449.1	4,949.0	943.8	5,892.7	2,313.9	8,206.6
Dec. qtr	3,827.8	1,575.1	5,402.9	1,051.4	6,454.3	2,462.9	8,917.2
2002 Mar. qtr	3,704.2	1,612.1	5,316.4	899.0	6,215.4	2,245.2	8,460.6
<b>PUBLIC SECTOR</b>							
1998-1999	279.3	226.5	505.9	93.9	599.8	3,709.8	4,309.5
1999-2000	220.1	221.6	441.8	113.6	555.3	3,728.1	4,283.4
2000-2001	161.7	260.1	421.8	139.7	561.5	3,545.1	4,106.6
2000 Dec. qtr	41.2	68.0	109.2	23.9	133.2	881.6	1,014.8
2001 Mar. qtr	35.2	57.1	92.2	35.9	128.1	845.7	973.8
Jun qtr	39.2	59.5	98.6	50.9	149.6	916.5	1,066.0
Sep. qtr	39.5	75.7	115.3	43.8	159.0	934.9	1,094.0
Dec. qtr	66.0	70.3	136.3	34.8	171.1	933.5	1,104.6
2002 Mar. qtr	53.4	54.8	108.2	37.8	146.0	825.6	971.6
<b>TOTAL</b>							
1998-1999	12,090.5	5,414.4	17,504.9	3,249.4	20,754.3	14,534.4	35,288.7
1999-2000	15,336.9	6,321.9	21,658.8	3,892.9	25,551.7	14,690.1	40,241.9
2000-2001	12,119.3	5,692.3	17,811.5	3,395.0	21,206.6	12,447.2	33,653.8
2000 Dec. qtr	2,981.3	1,420.8	4,402.1	857.5	5,259.6	3,167.1	8,426.7
2001 Mar. qtr	2,746.4	1,291.3	4,037.7	812.8	4,850.5	2,856.9	7,707.4
Jun qtr	3,026.9	1,386.7	4,413.6	934.8	5,348.5	3,112.9	8,461.4
Sep. qtr	3,539.4	1,524.8	5,064.2	987.6	6,051.8	3,248.8	9,300.6
Dec. qtr	3,893.9	1,645.4	5,539.2	1,086.1	6,625.3	3,396.5	10,021.8
2002 Mar. qtr	3,757.7	1,667.0	5,424.6	936.7	6,361.4	3,070.8	9,432.2

(a) From the September quarter 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 22. VALUE OF NON-RESIDENTIAL BUILDING WORK DONE: ORIGINAL**  
(\$ million)

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
<b>PRIVATE SECTOR</b>											
1998-1999	1,213.1	2,435.9	895.6	2,292.7	1,749.1	440.9	85.6	509.9	982.2	219.6	10,824.7
1999-2000	1,192.8	2,643.5	922.7	2,229.3	1,596.9	528.0	142.4	594.8	899.6	212.2	10,962.0
2000-2001	465.1	2,348.7	782.8	1,951.6	1,410.2	520.3	114.0	445.6	548.1	315.6	8,902.2
2000 Dec. qtr	108.1	650.4	213.2	493.2	358.9	142.2	29.3	99.5	130.8	60.0	2,285.5
2001 Mar. qtr	89.9	530.7	185.2	437.7	293.7	142.8	28.4	107.2	117.3	78.3	2,011.2
Jun qtr	101.0	563.2	181.0	486.5	333.1	130.7	24.2	117.2	145.0	114.7	2,196.4
Sep. qtr	93.4	614.1	198.4	486.7	343.0	145.3	30.0	133.6	149.2	120.1	2,313.9
Dec. qtr	104.9	624.2	208.1	562.4	350.2	189.6	26.4	139.0	157.5	100.6	2,462.9
2002 Mar. qtr	124.6	492.6	177.8	560.0	337.6	145.8	27.0	135.6	144.8	99.4	2,245.2
<b>PUBLIC SECTOR</b>											
1998-1999	20.0	28.7	32.8	413.6	533.5	961.4	1.1	786.6	483.0	449.0	3,709.8
1999-2000	19.8	27.6	23.5	388.0	432.9	1,088.6	0.4	854.0	426.3	466.9	3,728.1
2000-2001	18.1	25.7	12.9	295.8	251.3	1,238.2	0.4	835.6	346.1	521.1	3,545.1
2000 Dec. qtr	4.2	7.9	4.4	63.7	56.4	328.6	0.2	200.5	86.7	129.0	881.6
2001 Mar. qtr	2.4	8.5	4.5	74.8	60.0	308.5	0.2	182.0	88.4	116.5	845.7
Jun qtr	6.1	3.8	1.4	73.8	57.9	330.0	—	258.0	61.8	123.7	916.5
Sep. qtr	3.8	10.6	6.7	81.1	61.2	356.1	—	214.6	80.2	120.7	934.9
Dec. qtr	3.6	11.1	4.6	133.8	59.4	354.3	—	198.9	86.4	81.5	933.5
2002 Mar. qtr	2.2	14.0	1.0	85.8	57.4	345.2	—	173.0	66.3	80.7	825.6
<b>TOTAL</b>											
1998-1999	1,233.1	2,464.7	928.4	2,706.3	2,282.5	1,402.4	86.7	1,296.6	1,465.2	668.6	14,534.4
1999-2000	1,212.6	2,671.2	946.2	2,617.3	2,029.8	1,616.5	142.8	1,448.8	1,325.9	679.0	14,690.1
2000-2001	483.2	2,374.4	795.7	2,247.4	1,661.5	1,758.5	114.4	1,281.2	894.2	836.7	12,447.2
2000 Dec. qtr	112.2	658.2	217.6	556.9	415.3	470.9	29.5	300.0	217.5	189.0	3,167.1
2001 Mar. qtr	92.3	539.1	189.7	512.5	353.7	451.3	28.6	289.2	205.7	194.7	2,856.9
Jun qtr	107.1	566.9	182.4	560.3	391.0	460.7	24.2	375.2	206.8	238.3	3,112.9
Sep. qtr	97.2	624.7	205.1	567.8	404.2	501.4	30.0	348.2	229.4	240.8	3,248.8
Dec. qtr	108.5	635.3	212.7	696.2	409.5	543.9	26.4	338.0	243.9	182.0	3,396.5
2002 Mar. qtr	126.8	506.6	178.8	645.8	394.9	491.1	27.0	308.6	211.2	180.0	3,070.8

**TABLE 23. VALUE OF BUILDING WORK YET TO BE DONE AT END OF PERIOD(a): ORIGINAL  
(\$ million)**

	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-resi- dential building</i>	<i>Total building</i>
<b>PRIVATE SECTOR</b>							
1998-1999	2,931.0	2,152.7	5,083.7	687.8	5,771.5	4,354.7	10,126.2
1999-2000	3,584.2	2,566.0	6,150.2	700.7	6,850.9	2,947.6	9,798.5
2000-2001	2,615.4	2,985.2	5,600.6	758.9	6,359.5	3,719.1	10,078.6
2000 Dec. qtr	2,779.5	2,606.2	5,385.7	739.8	6,125.4	3,216.2	9,341.6
2001 Mar. qtr	2,580.9	2,941.4	5,522.2	762.9	6,285.1	3,372.3	9,657.4
Jun qtr	2,615.4	2,985.2	5,600.6	758.9	6,359.5	3,719.1	10,078.6
Sep. qtr	3,166.0	3,667.3	6,833.3	823.9	7,657.2	3,778.4	11,435.6
Dec. qtr	3,719.5	4,204.6	7,924.2	801.0	8,725.2	4,070.7	12,795.9
2002 Mar. qtr	4,162.2	4,337.6	8,499.8	917.7	9,417.5	4,735.3	14,152.8
<b>PUBLIC SECTOR</b>							
1998-1999	47.9	75.4	123.3	13.0	136.3	2,152.2	2,288.6
1999-2000	31.9	55.9	87.8	11.3	99.1	2,245.2	2,344.3
2000-2001	29.4	80.3	109.7	43.7	153.3	2,052.0	2,205.3
2000 Dec. qtr	31.0	52.8	83.8	7.0	90.8	1,811.0	1,901.8
2001 Mar. qtr	29.0	47.7	76.7	30.7	107.5	1,996.0	2,103.4
Jun qtr	29.4	80.3	109.7	43.7	153.3	2,052.0	2,205.3
Sep. qtr	28.5	108.8	137.3	44.4	181.7	1,829.4	2,011.1
Dec. qtr	50.4	71.4	121.8	38.7	160.5	1,591.2	1,751.7
2002 Mar. qtr	47.3	67.0	114.2	47.3	161.5	1,901.3	2,062.8
<b>TOTAL</b>							
1998-1999	2,978.9	2,228.1	5,207.0	700.8	5,907.8	6,506.9	12,414.8
1999-2000	3,616.1	2,621.9	6,238.0	712.1	6,950.1	5,192.7	12,142.8
2000-2001	2,644.8	3,065.5	5,710.2	802.6	6,512.8	5,771.0	12,283.9
2000 Dec. qtr	2,810.5	2,659.0	5,469.5	746.7	6,216.2	5,027.1	11,243.4
2001 Mar. qtr	2,609.9	2,989.1	5,599.0	793.6	6,392.6	5,368.3	11,760.9
Jun qtr	2,644.8	3,065.5	5,710.2	802.6	6,512.8	5,771.0	12,283.9
Sep. qtr	3,194.5	3,776.1	6,970.5	868.3	7,838.9	5,607.8	13,446.7
Dec. qtr	3,769.9	4,276.1	8,046.0	839.7	8,885.7	5,661.8	14,547.5
2002 Mar. qtr	4,209.4	4,404.6	8,614.0	965.0	9,579.0	6,636.5	16,215.6

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.



**TABLE 24. VALUE OF NON-RESIDENTIAL BUILDING WORK YET TO BE DONE AT END OF PERIOD: ORIGINAL**  
(\$ million)

	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
PRIVATE SECTOR											
1998-1999	869.7	1,057.8	174.2	963.2	365.0	138.9	44.4	290.9	406.9	43.7	4,354.7
1999-2000	485.4	670.9	282.4	517.6	381.0	126.9	45.6	203.9	176.0	57.8	2,947.6
2000-2001	387.2	1,009.0	194.1	876.4	288.0	203.3	56.8	239.3	258.0	206.9	3,719.1
2000 Dec. qtr	421.6	831.0	219.7	701.4	280.0	207.8	48.6	160.8	143.3	202.0	3,216.2
2001 Mar. qtr	423.9	828.7	198.6	688.9	256.0	207.2	43.9	263.6	275.7	186.0	3,372.3
Jun qtr	387.2	1,009.0	194.1	876.4	288.0	203.3	56.8	239.3	258.0	206.9	3,719.1
Sep. qtr	367.6	947.3	230.3	912.5	316.7	222.0	53.9	274.0	263.7	190.4	3,778.4
Dec. qtr	467.1	968.4	247.4	987.9	409.2	221.4	56.7	290.0	265.3	157.5	4,070.7
2002 Mar. qtr	450.2	1,081.0	211.7	1,496.3	501.1	233.0	55.2	338.5	230.6	137.8	4,735.3
PUBLIC SECTOR											
1998-1999	1.9	20.6	11.4	109.2	339.5	544.2	0.4	704.9	273.2	147.1	2,152.2
1999-2000	6.0	14.9	2.3	122.1	91.7	675.6	—	701.5	245.8	385.3	2,245.2
2000-2001	4.0	15.3	1.9	108.2	140.1	752.4	—	693.1	151.4	185.5	2,052.0
2000 Dec. qtr	0.7	11.4	3.3	79.9	165.3	581.3	0.2	591.3	175.6	202.0	1,811.0
2001 Mar. qtr	1.8	3.8	1.9	112.9	150.7	720.1	—	652.9	126.3	225.6	1,996.0
Jun qtr	4.0	15.3	1.9	108.2	140.1	752.4	—	693.1	151.4	185.5	2,052.0
Sep. qtr	3.4	18.4	2.6	115.6	115.9	666.2	—	618.6	160.9	127.8	1,829.4
Dec. qtr	3.1	15.0	0.2	99.2	116.2	558.4	—	554.4	122.1	122.5	1,591.2
2002 Mar. qtr	1.6	7.8	0.1	114.1	88.5	637.0	—	729.3	114.6	208.2	1,901.3
TOTAL											
1998-1999	871.6	1,078.4	185.5	1,072.4	704.4	683.1	44.8	995.8	680.1	190.8	6,506.9
1999-2000	491.4	685.8	284.7	639.7	472.7	802.6	45.6	905.4	421.8	443.1	5,192.7
2000-2001	391.2	1,024.2	196.0	984.6	428.1	955.8	56.8	932.5	409.4	392.4	5,771.0
2000 Dec. qtr	422.3	842.4	223.0	781.4	445.3	789.0	48.8	752.1	319.0	404.0	5,027.1
2001 Mar. qtr	425.7	832.5	200.5	801.8	406.7	927.2	43.9	916.5	402.0	411.6	5,368.3
Jun qtr	391.2	1,024.2	196.0	984.6	428.1	955.8	56.8	932.5	409.4	392.4	5,771.0
Sep. qtr	371.0	965.6	232.9	1,028.1	432.6	888.2	53.9	892.5	424.6	318.3	5,607.8
Dec. qtr	470.2	983.3	247.6	1,087.1	525.4	779.8	56.7	844.4	387.4	280.0	5,661.8
2002 Mar. qtr	451.8	1,088.8	211.8	1,610.4	589.5	870.0	55.2	1,067.8	345.2	346.0	6,636.5

**TABLE 25. NUMBER AND VALUE OF BUILDING COMMENCED, BY STATE(a): ORIGINAL**

State or Territory	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
2000-2001											
NSW	17,751	14,829	849	33,430	2,866.2	2,285.0	5,151.2	1,163.6	6,314.8	3,786.9	10,101.7
Vic.	24,166	9,583	871	34,620	3,628.7	1,720.2	5,348.9	1,137.7	6,486.6	3,782.3	10,268.9
Qld	14,506	7,813	347	22,666	1,990.9	852.7	2,843.7	443.5	3,287.2	2,251.9	5,539.1
SA	5,391	1,120	46	6,556	620.8	158.4	779.2	161.3	940.5	729.6	1,670.1
WA	10,895	2,591	404	13,892	1,439.0	333.1	1,772.1	276.2	2,048.3	1,134.2	3,182.4
Tas.	1,034	60	14	1,108	119.6	6.5	126.2	43.7	169.9	154.5	324.4
NT	578	446	4	1,028	90.6	54.1	144.7	23.2	167.8	198.0	365.8
ACT	1,011	634	1	1,646	158.3	80.4	238.7	46.8	285.5	158.6	444.0
<b>Australia</b>	<b>75,330</b>	<b>37,079</b>	<b>2,536</b>	<b>114,946</b>	<b>10,914.1</b>	<b>5,490.5</b>	<b>16,404.6</b>	<b>3,296.1</b>	<b>19,700.6</b>	<b>12,195.9</b>	<b>31,896.5</b>
DECEMBER QUARTER 2001											
NSW	7,201	5,927	208	13,335	1,200.7	1,029.6	2,230.4	366.2	2,596.6	1,209.8	3,806.3
Vic.	8,811	2,374	147	11,332	1,383.2	379.3	1,762.5	337.8	2,100.3	1,050.6	3,150.9
Qld	6,391	2,165	33	8,588	887.1	350.5	1,237.6	127.1	1,364.7	461.1	1,825.8
SA	2,273	310	30	2,613	269.4	38.4	307.8	52.7	360.5	199.4	559.9
WA	4,365	820	5	5,190	573.8	113.7	687.5	71.0	758.4	262.4	1,020.8
Tas.	470	63	1	534	53.8	8.4	62.2	15.4	77.6	53.6	131.1
NT	161	77	1	239	27.4	9.0	36.4	6.6	43.0	38.0	81.0
ACT	291	584	—	875	44.8	93.1	137.9	22.7	160.6	76.5	237.1
<b>Australia</b>	<b>29,962</b>	<b>12,320</b>	<b>424</b>	<b>42,705</b>	<b>4,440.1</b>	<b>2,022.0</b>	<b>6,462.2</b>	<b>999.5</b>	<b>7,461.6</b>	<b>3,351.3</b>	<b>10,812.9</b>
MARCH QUARTER 2002											
NSW	6,069	4,577	323	10,969	1,055.5	694.6	1,750.1	348.8	2,098.9	1,352.9	3,451.8
Vic.	8,412	2,843	454	11,710	1,334.9	544.0	1,878.9	372.1	2,251.0	1,304.6	3,555.6
Qld	5,989	2,137	105	8,232	843.1	330.8	1,174.0	134.8	1,308.7	603.4	1,912.2
SA	1,947	375	12	2,334	236.6	45.7	282.3	51.8	334.1	169.2	503.3
WA	3,914	476	8	4,398	528.0	58.0	586.0	59.2	645.2	181.2	826.4
Tas.	496	17	4	517	58.8	1.6	60.4	12.4	72.8	30.2	102.9
NT	130	16	3	150	21.2	2.2	23.4	5.4	28.8	60.6	89.4
ACT	255	123	6	385	44.9	22.9	67.8	20.8	88.5	37.2	125.7
<b>Australia</b>	<b>27,214</b>	<b>10,564</b>	<b>916</b>	<b>38,693</b>	<b>4,123.0</b>	<b>1,699.8</b>	<b>5,822.9</b>	<b>1,005.2</b>	<b>6,828.1</b>	<b>3,739.3</b>	<b>10,567.3</b>

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 26. VALUE OF NON-RESIDENTIAL BUILDING COMMENCED, BY STATE: ORIGINAL  
(\$ million)**

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
2000-2001											
NSW	112.6	723.3	204.8	1,068.3	541.2	395.2	62.0	225.0	314.5	140.1	3,786.9
Vic.	87.6	857.0	237.0	652.8	445.1	609.9	18.9	380.4	208.2	285.3	3,782.3
Qld	121.3	367.0	125.6	273.6	370.9	398.0	23.1	285.7	113.4	173.4	2,251.9
SA	25.7	95.4	37.6	85.8	53.8	131.9	5.3	203.0	30.1	61.1	729.6
WA	21.9	183.4	69.8	305.3	117.2	171.8	5.5	55.8	125.8	77.7	1,134.2
Tas.	18.8	12.4	8.5	18.3	5.6	31.9	2.9	21.9	22.8	11.4	154.5
NT	14.8	23.8	0.7	11.6	23.0	12.0	0.4	85.5	13.4	12.7	198.0
ACT	10.1	17.1	1.5	75.6	8.2	23.3	0.7	8.8	9.7	3.6	158.6
<b>Australia</b>	<b>412.8</b>	<b>2,279.4</b>	<b>685.6</b>	<b>2,491.4</b>	<b>1,564.9</b>	<b>1,773.9</b>	<b>118.7</b>	<b>1,265.9</b>	<b>837.8</b>	<b>765.3</b>	<b>12,195.9</b>
DECEMBER QUARTER 2001											
NSW	68.4	247.1	94.3	225.1	122.3	180.3	5.4	105.8	113.5	47.6	1,209.8
Vic.	31.5	113.7	56.5	329.0	231.4	104.4	6.9	94.2	24.5	58.5	1,050.6
Qld	41.8	153.0	16.8	46.6	67.0	52.0	3.5	18.9	32.2	29.3	461.1
SA	33.2	33.6	18.8	31.0	22.8	17.1	—	27.8	9.6	5.5	199.4
WA	18.0	28.6	28.0	42.1	44.2	66.5	6.6	11.5	14.4	2.4	262.4
Tas.	2.5	6.5	1.6	6.4	5.5	5.4	—	23.7	0.6	1.3	53.6
NT	9.5	4.2	4.8	9.6	5.2	1.6	0.2	2.1	0.6	0.3	38.0
ACT	0.7	26.3	0.5	27.6	8.5	5.7	—	5.7	1.1	0.3	76.5
<b>Australia</b>	<b>205.6</b>	<b>613.0</b>	<b>221.3</b>	<b>717.4</b>	<b>506.9</b>	<b>433.0</b>	<b>22.6</b>	<b>289.7</b>	<b>196.5</b>	<b>145.3</b>	<b>3,351.3</b>
MARCH QUARTER 2002											
NSW	34.6	289.2	74.9	316.1	150.2	240.1	12.5	47.0	57.0	131.3	1,352.9
Vic.	48.4	129.1	29.6	364.1	155.6	143.1	6.8	327.3	37.5	63.2	1,304.6
Qld	23.3	106.6	17.1	150.7	77.3	83.9	0.2	86.3	32.0	26.0	603.4
SA	13.9	25.3	18.6	25.2	19.9	14.8	0.9	34.3	6.4	9.9	169.2
WA	9.3	30.4	4.4	49.6	11.2	40.2	0.4	9.0	18.3	8.4	181.2
Tas.	0.2	3.3	1.6	2.8	6.3	11.7	—	1.5	0.6	2.0	30.2
NT	3.6	2.2	0.3	44.5	3.5	5.4	0.1	0.6	0.2	0.2	60.6
ACT	0.9	2.1	0.6	3.3	1.5	12.3	4.1	6.5	5.9	0.1	37.2
<b>Australia</b>	<b>134.3</b>	<b>588.2</b>	<b>147.0</b>	<b>956.2</b>	<b>425.5</b>	<b>551.5</b>	<b>25.0</b>	<b>512.4</b>	<b>158.0</b>	<b>241.2</b>	<b>3,739.3</b>

TABLE 27. NUMBER AND VALUE OF BUILDING UNDER CONSTRUCTION AT END OF PERIOD, BY STATE(a): ORIGINAL

State or Territory	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
2000-2001											
NSW	9,237	13,957	768	23,963	1,700.1	2,519.7	4,219.8	709.4	4,929.3	4,471.2	9,400.5
Vic.	13,058	10,139	1,062	24,259	2,104.4	2,130.3	4,234.6	662.4	4,897.0	3,519.2	8,416.2
Qld	4,150	5,484	254	9,889	624.2	748.1	1,372.3	159.5	1,531.8	2,251.9	3,783.8
SA	2,149	813	18	2,980	279.0	124.1	403.1	80.4	483.5	633.4	1,116.9
WA	4,656	2,278	333	7,266	765.3	448.7	1,214.0	146.5	1,360.5	895.4	2,256.0
Tas.	779	62	30	871	83.3	4.9	88.2	28.9	117.1	87.2	204.3
NT	285	218	1	504	45.7	22.8	68.5	9.2	77.7	142.0	219.7
ACT	356	525	—	881	64.8	67.6	132.4	18.7	151.0	232.6	383.6
<b>Australia</b>	<b>34,670</b>	<b>33,477</b>	<b>2,466</b>	<b>70,613</b>	<b>5,666.7</b>	<b>6,066.2</b>	<b>11,732.9</b>	<b>1,815.0</b>	<b>13,547.9</b>	<b>12,232.9</b>	<b>25,780.8</b>
DECEMBER QUARTER 2001											
NSW	11,606	17,755	723	30,084	2,091.8	3,419.4	5,511.2	780.2	6,291.4	4,674.1	10,965.5
Vic.	16,201	11,525	800	28,526	2,686.5	2,440.1	5,126.6	725.2	5,851.8	3,668.0	9,519.8
Qld	6,464	4,471	134	11,070	994.1	675.8	1,669.9	143.9	1,813.9	1,806.5	3,620.4
SA	3,275	1,248	34	4,557	419.3	207.0	626.4	87.4	713.7	620.3	1,334.0
WA	6,463	2,471	292	9,226	996.3	456.8	1,453.2	157.9	1,611.0	935.3	2,546.4
Tas.	921	108	31	1,060	99.6	11.5	111.0	39.0	150.0	100.9	250.9
NT	250	251	2	503	40.4	42.1	82.5	9.7	92.2	139.7	231.8
ACT	346	957	1	1,304	63.6	144.0	207.6	24.4	232.0	209.1	441.1
<b>Australia</b>	<b>45,526</b>	<b>38,786</b>	<b>2,017</b>	<b>86,329</b>	<b>7,391.7</b>	<b>7,396.7</b>	<b>14,788.4</b>	<b>1,967.7</b>	<b>16,756.1</b>	<b>12,153.8</b>	<b>28,909.8</b>
MARCH QUARTER 2002											
NSW	12,592	18,922	772	32,287	2,296.3	3,543.2	5,839.5	848.0	6,687.5	5,524.2	12,211.7
Vic.	17,828	12,684	1,145	31,657	3,016.3	2,709.3	5,725.7	821.3	6,547.0	4,426.6	10,973.6
Qld	7,614	4,692	218	12,524	1,202.0	804.2	2,006.3	181.9	2,188.2	1,998.9	4,187.1
SA	3,717	1,331	44	5,092	482.6	200.9	683.5	102.9	786.5	675.4	1,461.9
WA	6,972	2,461	280	9,713	1,092.7	451.9	1,544.7	164.0	1,708.6	799.0	2,507.6
Tas.	1,124	121	5	1,250	122.6	12.8	135.4	25.6	161.0	98.6	259.6
NT	243	236	1	481	40.3	43.0	83.3	10.4	93.7	135.7	229.4
ACT	353	955	1	1,310	68.5	151.9	220.3	28.7	249.0	203.4	452.4
<b>Australia</b>	<b>50,443</b>	<b>41,402</b>	<b>2,467</b>	<b>94,313</b>	<b>8,321.5</b>	<b>7,917.2</b>	<b>16,238.7</b>	<b>2,182.9</b>	<b>18,421.6</b>	<b>13,861.9</b>	<b>32,283.4</b>

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 28. VALUE OF NON-RESIDENTIAL BUILDING UNDER CONSTRUCTION AT END OF PERIOD, BY STATE: ORIGINAL (\$ million)**

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
2000-2001											
NSW	179.7	1,285.1	132.1	742.7	439.3	506.1	68.7	738.8	253.5	125.3	4,471.2
Vic.	208.9	750.0	189.4	350.8	281.6	833.1	18.8	406.1	243.6	236.8	3,519.2
Qld	106.4	315.7	92.9	134.5	136.4	285.8	12.0	746.6	69.9	351.9	2,251.9
SA	18.8	43.8	17.4	23.2	19.4	104.5	2.1	204.2	128.8	71.2	633.4
WA	14.9	101.1	29.2	254.0	56.1	148.9	3.5	82.3	98.7	106.9	895.4
Tas.	15.3	2.4	6.4	4.4	1.5	24.6	2.7	9.5	14.7	5.7	87.2
NT	8.3	8.3	0.1	3.4	17.6	6.8	0.1	79.3	10.4	7.8	142.0
ACT	12.5	8.8	—	162.8	2.4	28.7	1.1	13.8	0.4	2.0	232.6
<b>Australia</b>	<b>564.6</b>	<b>2,515.3</b>	<b>467.5</b>	<b>1,675.6</b>	<b>954.3</b>	<b>1,938.4</b>	<b>108.9</b>	<b>2,280.5</b>	<b>819.9</b>	<b>907.7</b>	<b>12,232.9</b>
DECEMBER QUARTER 2001											
NSW	251.4	984.0	208.0	946.4	448.5	534.4	71.5	727.9	345.0	157.0	4,674.1
Vic.	228.7	707.3	155.2	579.8	415.4	647.3	20.2	380.4	252.6	281.2	3,668.0
Qld	86.0	203.0	53.6	103.2	95.5	311.7	5.2	640.0	44.7	263.4	1,806.5
SA	52.0	41.2	46.7	29.2	28.3	98.9	1.3	218.8	32.8	71.2	620.3
WA	22.2	103.9	48.0	283.8	48.9	180.3	8.6	86.3	66.0	87.3	935.3
Tas.	3.0	3.5	4.9	7.7	12.8	14.2	2.1	35.0	15.7	2.0	100.9
NT	16.0	3.9	1.1	6.9	8.2	5.3	0.2	83.1	15.0	—	139.7
ACT	7.0	32.5	—	114.1	8.5	14.7	3.7	17.2	11.2	0.3	209.1
<b>Australia</b>	<b>666.4</b>	<b>2,079.3</b>	<b>517.5</b>	<b>2,071.1</b>	<b>1,066.1</b>	<b>1,806.7</b>	<b>112.7</b>	<b>2,188.6</b>	<b>782.9</b>	<b>862.3</b>	<b>12,153.8</b>
MARCH QUARTER 2002											
NSW	285.6	1,137.4	235.7	1,303.7	511.6	635.3	73.8	726.9	361.6	252.5	5,524.2
Vic.	228.9	762.5	135.9	871.7	538.0	665.2	24.3	645.8	240.5	314.0	4,426.6
Qld	97.1	228.7	52.1	187.5	114.5	293.5	2.3	701.9	51.8	269.5	1,998.9
SA	63.0	61.5	55.3	44.1	23.5	71.0	1.9	240.5	31.6	83.0	675.4
WA	29.3	81.4	39.3	297.9	29.5	154.6	6.8	83.3	34.9	42.1	799.0
Tas.	1.7	4.3	2.3	5.0	14.8	14.7	2.1	35.3	16.0	2.5	98.6
NT	9.3	2.2	0.2	46.1	6.8	10.5	0.3	39.0	21.2	0.1	135.7
ACT	0.9	23.1	0.6	108.3	6.0	19.7	7.6	21.6	15.2	0.5	203.4
<b>Australia</b>	<b>715.8</b>	<b>2,301.0</b>	<b>521.3</b>	<b>2,864.2</b>	<b>1,244.6</b>	<b>1,864.5</b>	<b>119.0</b>	<b>2,494.4</b>	<b>772.9</b>	<b>964.1</b>	<b>13,861.9</b>

TABLE 29. NUMBER AND VALUE OF BUILDING COMPLETED, BY STATE(a): ORIGINAL

State or Territory	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
2000-2001											
NSW	23,091	18,491	1,063	42,645	3,709.0	2,950.8	6,659.8	1,342.0	8,001.9	5,381.7	13,383.6
Vic.	28,879	9,031	1,251	39,161	4,232.0	1,282.2	5,514.2	1,126.9	6,641.1	3,475.0	10,116.1
Qld	16,316	8,504	225	25,045	2,270.1	920.7	3,190.8	401.0	3,591.8	2,299.3	5,891.2
SA	6,521	1,206	119	7,846	763.6	185.5	949.0	154.4	1,103.4	591.5	1,694.9
WA	14,513	2,932	191	17,636	1,863.8	339.2	2,203.1	251.1	2,454.2	1,121.3	3,575.5
Tas.	1,176	188	15	1,379	138.1	20.2	158.3	43.0	201.3	144.6	345.9
NT	597	467	8	1,072	89.8	62.8	152.5	26.2	178.8	130.6	309.4
ACT	1,236	742	69	2,047	185.5	90.4	275.9	63.6	339.5	251.2	590.7
<b>Australia</b>	<b>92,328</b>	<b>41,561</b>	<b>2,940</b>	<b>136,830</b>	<b>13,252.0</b>	<b>5,851.7</b>	<b>19,103.7</b>	<b>3,408.2</b>	<b>22,511.9</b>	<b>13,395.3</b>	<b>35,907.1</b>
DECEMBER QUARTER 2001											
NSW	5,810	2,724	368	8,902	987.5	415.5	1,402.9	396.4	1,799.3	804.8	2,604.1
Vic.	7,173	2,284	656	10,113	1,098.3	518.8	1,617.1	423.6	2,040.8	979.2	3,020.0
Qld	6,053	2,744	182	8,979	807.7	373.4	1,181.1	137.1	1,318.2	602.1	1,920.3
SA	1,643	219	17	1,879	197.6	26.8	224.4	38.1	262.5	259.9	522.4
WA	3,600	748	25	4,373	463.2	77.8	540.9	60.2	601.2	280.8	882.0
Tas.	367	20	5	393	43.4	6.7	50.1	13.9	64.0	42.0	106.1
NT	197	111	—	308	30.0	13.7	43.7	7.0	50.7	35.3	86.0
ACT	327	213	—	540	51.7	26.6	78.2	19.7	97.9	113.1	211.0
<b>Australia</b>	<b>25,171</b>	<b>9,063</b>	<b>1,253</b>	<b>35,487</b>	<b>3,679.3</b>	<b>1,459.2</b>	<b>5,138.5</b>	<b>1,096.1</b>	<b>6,234.6</b>	<b>3,117.2</b>	<b>9,351.8</b>
MARCH QUARTER 2002											
NSW	5,063	3,397	273	8,733	871.5	638.0	1,509.5	308.3	1,817.8	695.5	2,513.3
Vic.	6,719	1,614	109	8,442	1,024.8	272.1	1,296.9	290.8	1,587.7	633.5	2,221.2
Qld	4,840	1,875	21	6,737	649.4	221.1	870.5	101.6	972.1	421.0	1,393.0
SA	1,500	291	2	1,793	177.2	57.6	234.8	39.1	273.9	125.5	399.4
WA	3,405	486	19	3,910	438.9	63.5	502.4	53.7	556.1	305.2	861.3
Tas.	291	4	30	325	36.8	0.3	37.0	27.3	64.4	33.4	97.7
NT	136	31	4	171	21.0	3.5	24.5	4.8	29.3	73.4	102.7
ACT	248	125	6	379	40.9	15.5	56.4	17.1	73.6	48.3	121.9
<b>Australia</b>	<b>22,202</b>	<b>7,824</b>	<b>465</b>	<b>30,490</b>	<b>3,260.4</b>	<b>1,271.6</b>	<b>4,532.0</b>	<b>842.8</b>	<b>5,374.8</b>	<b>2,335.7</b>	<b>7,710.5</b>

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 30. VALUE OF NON-RESIDENTIAL BUILDING COMPLETED, BY STATE: ORIGINAL  
(\$ million)**

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
2000-2001											
NSW	627.0	701.1	270.7	1,768.9	794.2	382.0	52.3	223.0	434.6	127.9	5,381.7
Vic.	203.7	694.4	280.4	545.4	442.8	544.9	13.3	255.4	371.4	123.4	3,475.0
Qld	175.9	314.7	124.5	234.4	382.9	261.0	24.8	481.2	119.5	180.3	2,299.3
SA	17.6	140.0	28.3	114.5	66.2	121.8	9.6	43.0	36.8	13.7	591.5
WA	30.0	257.2	89.4	119.8	116.3	214.9	25.2	71.9	59.1	137.5	1,121.3
Tas.	6.8	18.6	8.6	15.6	7.1	15.3	2.6	23.4	32.0	14.7	144.6
NT	7.3	20.4	1.1	16.7	24.9	15.6	0.4	11.8	4.5	27.8	130.6
ACT	8.3	18.3	9.7	38.5	12.7	134.6	1.9	6.0	19.1	2.0	251.2
<b>Australia</b>	<b>1,076.6</b>	<b>2,164.7</b>	<b>812.7</b>	<b>2,853.8</b>	<b>1,847.1</b>	<b>1,690.0</b>	<b>130.1</b>	<b>1,115.7</b>	<b>1,077.0</b>	<b>627.4</b>	<b>13,395.3</b>
DECEMBER QUARTER 2001											
NSW	7.8	163.3	59.9	134.1	129.4	79.1	5.3	127.0	69.8	29.1	804.8
Vic.	14.2	153.3	49.6	166.8	109.8	314.6	6.3	93.1	41.3	30.2	979.2
Qld	27.5	125.5	31.8	72.3	98.5	78.0	8.0	94.6	30.4	35.4	602.1
SA	3.9	43.8	18.1	20.8	24.0	19.3	0.6	12.8	107.9	8.7	259.9
WA	7.2	48.8	28.8	34.8	25.1	54.7	1.3	8.6	51.5	20.1	280.8
Tas.	12.9	7.8	2.0	2.0	2.3	3.0	—	4.7	2.0	5.3	42.0
NT	1.0	6.8	4.2	3.4	4.2	9.7	—	3.3	0.3	2.5	35.3
ACT	6.1	3.1	0.5	85.1	4.9	2.7	0.7	2.2	6.0	1.7	113.1
<b>Australia</b>	<b>80.6</b>	<b>552.4</b>	<b>194.9</b>	<b>519.3</b>	<b>398.3</b>	<b>561.1</b>	<b>22.2</b>	<b>346.4</b>	<b>309.1</b>	<b>132.9</b>	<b>3,117.2</b>
MARCH QUARTER 2002											
NSW	3.1	139.1	42.8	119.8	90.8	149.2	11.2	55.6	48.0	35.9	695.5
Vic.	20.3	84.4	47.0	116.1	79.2	133.1	2.5	68.1	51.7	31.1	633.5
Qld	12.3	79.2	17.7	67.6	56.8	107.7	3.2	32.5	24.8	19.1	421.0
SA	2.3	12.2	10.2	12.1	24.1	43.3	0.3	10.5	7.9	2.7	125.5
WA	2.3	53.0	15.3	38.2	15.2	69.7	2.0	11.5	44.0	53.9	305.2
Tas.	1.5	2.8	4.5	5.4	5.2	11.2	—	0.7	0.4	1.6	33.4
NT	10.3	4.0	1.2	5.3	4.9	2.0	—	45.3	0.4	0.1	73.4
ACT	7.0	15.4	—	10.7	4.0	7.3	0.1	2.0	1.9	—	48.3
<b>Australia</b>	<b>59.0</b>	<b>390.1</b>	<b>138.8</b>	<b>375.3</b>	<b>280.3</b>	<b>523.4</b>	<b>19.2</b>	<b>226.2</b>	<b>179.1</b>	<b>144.3</b>	<b>2,335.7</b>

**TABLE 31. VALUE OF BUILDING WORK DONE, BY STATE(a): ORIGINAL  
(\$ million)**

<i>State or Territory</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
2000-2001							
NSW	3,318.3	2,475.6	5,793.9	1,230.9	7,024.8	4,197.3	11,222.2
Vic.	3,928.2	1,521.0	5,449.1	1,201.3	6,650.4	3,559.6	10,210.0
Qld	2,117.7	998.8	3,116.6	426.0	3,542.6	2,419.6	5,962.2
SA	686.9	158.1	845.0	161.9	1,006.8	624.0	1,630.9
WA	1,684.8	398.8	2,083.6	247.8	2,331.4	1,064.4	3,395.8
Tas.	127.7	11.5	139.2	49.1	188.3	152.3	340.6
NT	85.5	56.2	141.8	23.7	165.4	148.4	313.8
ACT	170.2	72.3	242.5	54.3	296.8	281.6	578.4
<b>Australia</b>	<b>12,119.3</b>	<b>5,692.3</b>	<b>17,811.5</b>	<b>3,395.0</b>	<b>21,206.6</b>	<b>12,447.2</b>	<b>33,653.8</b>
DECEMBER QUARTER 2001							
NSW	1,055.8	752.4	1,808.1	401.0	2,209.1	1,124.2	3,333.3
Vic.	1,169.7	418.8	1,588.5	374.4	1,962.9	1,004.0	2,966.9
Qld	815.6	274.1	1,089.7	137.2	1,226.9	564.8	1,791.6
SA	222.6	42.9	265.5	48.4	314.0	213.8	527.7
WA	507.2	113.5	620.7	74.8	695.5	297.6	993.1
Tas.	45.7	3.1	48.8	20.9	69.7	43.4	113.1
NT	28.7	12.7	41.4	7.5	48.9	52.7	101.7
ACT	48.5	27.8	76.4	21.9	98.3	96.1	194.4
<b>Australia</b>	<b>3,893.9</b>	<b>1,645.4</b>	<b>5,539.2</b>	<b>1,086.1</b>	<b>6,625.3</b>	<b>3,396.5</b>	<b>10,021.8</b>
MARCH QUARTER 2002							
NSW	941.6	777.5	1,719.1	332.8	2,052.0	1,067.1	3,119.1
Vic.	1,174.8	469.7	1,644.5	328.8	1,973.3	903.5	2,876.8
Qld	817.1	239.0	1,056.1	124.6	1,180.7	542.8	1,723.5
SA	222.7	48.0	270.7	47.5	318.2	181.3	499.6
WA	496.4	90.2	586.7	67.3	654.0	228.2	882.2
Tas.	46.0	3.0	49.0	11.6	60.6	34.1	94.7
NT	19.6	12.0	31.6	5.0	36.6	54.4	91.0
ACT	39.4	27.5	66.9	19.1	86.0	59.3	145.3
<b>Australia</b>	<b>3,757.7</b>	<b>1,667.0</b>	<b>5,424.6</b>	<b>936.7</b>	<b>6,361.4</b>	<b>3,070.8</b>	<b>9,432.2</b>

(a) From the September quarter 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.



**TABLE 32. VALUE OF NON-RESIDENTIAL BUILDING WORK DONE, BY STATE: ORIGINAL  
(\$ million)**

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
2000-2001											
NSW	165.4	957.4	232.1	967.4	583.9	450.6	45.5	395.3	269.6	130.1	4,197.3
Vic.	123.8	678.8	304.5	599.7	462.4	618.8	17.0	292.2	288.8	173.7	3,559.6
Qld	119.6	387.9	136.4	289.4	399.5	255.1	23.5	382.0	120.7	305.5	2,419.6
SA	15.5	105.1	32.9	101.9	62.4	101.5	6.8	51.4	93.0	53.6	624.0
WA	19.7	198.6	72.5	148.2	113.4	190.5	17.3	85.8	79.4	138.8	1,064.4
Tas.	15.3	12.6	8.7	15.8	6.0	29.7	2.9	25.6	22.2	13.6	152.3
NT	10.5	20.8	0.9	13.0	26.3	13.4	0.4	38.1	5.9	19.0	148.4
ACT	13.3	13.3	7.7	112.0	7.5	98.8	0.9	10.9	14.6	2.5	281.6
<b>Australia</b>	<b>483.2</b>	<b>2,374.4</b>	<b>795.7</b>	<b>2,247.4</b>	<b>1,661.5</b>	<b>1,758.5</b>	<b>114.4</b>	<b>1,281.2</b>	<b>894.2</b>	<b>836.7</b>	<b>12,447.2</b>
DECEMBER QUARTER 2001											
NSW	29.2	189.1	75.1	294.0	156.3	132.8	12.3	114.0	87.7	33.7	1,124.2
Vic.	29.3	227.6	52.3	182.0	110.2	181.0	5.4	91.3	58.7	66.2	1,004.0
Qld	19.9	97.0	22.7	72.2	77.7	128.9	4.9	67.1	25.2	49.2	564.8
SA	11.5	35.4	26.9	26.3	25.0	28.9	0.3	23.6	26.9	9.0	213.8
WA	6.9	54.3	29.2	54.9	25.5	57.1	2.9	15.4	32.0	19.4	297.6
Tas.	2.9	8.0	1.3	3.9	6.8	5.5	—	7.6	5.1	2.2	43.4
NT	7.3	6.9	4.5	3.0	5.0	4.8	0.1	16.4	3.2	1.4	52.7
ACT	1.6	16.9	0.5	60.0	3.1	4.9	0.6	2.6	5.1	0.9	96.1
<b>Australia</b>	<b>108.5</b>	<b>635.3</b>	<b>212.7</b>	<b>696.2</b>	<b>409.5</b>	<b>543.9</b>	<b>26.4</b>	<b>338.0</b>	<b>243.9</b>	<b>182.0</b>	<b>3,396.5</b>
MARCH QUARTER 2002											
NSW	37.9	185.6	59.6	253.0	149.9	143.3	17.0	94.6	80.2	46.0	1,067.1
Vic.	28.9	138.6	54.5	204.9	130.3	140.0	4.3	72.1	55.3	74.6	903.5
Qld	23.9	100.2	19.6	76.3	70.2	109.2	2.3	74.3	32.8	33.9	542.8
SA	17.0	25.0	24.6	18.9	19.5	23.7	0.6	29.0	11.1	12.0	181.3
WA	10.1	38.3	17.3	61.9	11.3	50.0	1.8	13.3	12.0	12.2	228.2
Tas.	0.9	2.0	2.0	4.5	6.0	7.0	0.1	8.8	1.8	0.9	34.1
NT	6.3	3.2	0.8	11.1	3.5	5.5	0.1	11.8	12.1	0.2	54.4
ACT	1.7	13.7	0.4	15.3	4.2	12.4	0.8	4.7	5.9	0.2	59.3
<b>Australia</b>	<b>126.8</b>	<b>506.6</b>	<b>178.8</b>	<b>645.8</b>	<b>394.9</b>	<b>491.1</b>	<b>27.0</b>	<b>308.6</b>	<b>211.2</b>	<b>180.0</b>	<b>3,070.8</b>

**TABLE 33. VALUE OF BUILDING WORK YET TO BE DONE AT END OF PERIOD, BY STATE(a): ORIGINAL  
(\$ million)**

<i>State or Territory</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
2000-2001							
NSW	822.5	1,280.1	2,102.6	322.2	2,424.9	2,045.4	4,470.3
Vic.	994.5	1,176.9	2,171.3	263.6	2,434.9	1,876.8	4,311.7
Qld	255.6	288.3	543.9	69.4	613.4	772.5	1,385.9
SA	134.6	68.0	202.6	40.0	242.6	357.4	600.0
WA	348.2	201.8	550.0	83.6	633.6	510.9	1,144.5
Tas.	38.4	1.7	40.1	12.5	52.6	37.3	89.9
NT	20.9	10.8	31.7	4.8	36.5	79.9	116.4
ACT	30.0	37.9	67.9	6.4	74.4	90.8	165.1
<b>Australia</b>	<b>2,644.8</b>	<b>3,065.5</b>	<b>5,710.2</b>	<b>802.6</b>	<b>6,512.8</b>	<b>5,771.0</b>	<b>12,283.9</b>
DECEMBER QUARTER 2001							
NSW	1,069.5	1,972.8	3,042.3	329.1	3,371.4	2,234.4	5,605.8
Vic.	1,391.3	1,474.7	2,866.1	316.1	3,182.2	1,865.2	5,047.4
Qld	491.5	352.4	844.0	51.5	895.5	617.2	1,512.7
SA	216.5	117.0	333.5	43.0	376.4	345.5	721.9
WA	508.0	213.7	721.7	75.9	797.6	415.7	1,213.3
Tas.	49.0	7.6	56.5	9.4	66.0	49.0	115.0
NT	17.1	26.8	43.9	4.4	48.3	56.2	104.5
ACT	27.0	111.0	137.9	10.3	148.3	78.5	226.8
<b>Australia</b>	<b>3,769.9</b>	<b>4,276.1</b>	<b>8,046.0</b>	<b>839.7</b>	<b>8,885.7</b>	<b>5,661.8</b>	<b>14,547.5</b>
MARCH QUARTER 2002							
NSW	1,203.4	1,956.8	3,160.2	373.6	3,533.8	2,712.3	6,246.1
Vic.	1,575.3	1,547.9	3,123.3	375.9	3,499.2	2,353.8	5,853.0
Qld	534.0	465.1	999.2	66.1	1,065.3	689.8	1,755.1
SA	234.7	120.5	355.2	50.2	405.4	345.1	750.5
WA	547.1	182.0	729.1	69.7	798.7	356.4	1,155.1
Tas.	62.9	6.2	69.1	11.8	80.9	45.9	126.9
NT	18.5	19.1	37.6	5.0	42.6	71.3	114.0
ACT	33.5	106.9	140.4	12.7	153.1	61.8	214.9
<b>Australia</b>	<b>4,209.4</b>	<b>4,404.6</b>	<b>8,614.0</b>	<b>965.0</b>	<b>9,579.0</b>	<b>6,636.5</b>	<b>16,215.6</b>

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 9 and 10 of the Explanatory Notes.

**TABLE 34. VALUE OF NON-RESIDENTIAL BUILDING WORK YET TO BE DONE AT END OF PERIOD, BY STATE: ORIGINAL (\$ million)**

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
2000-2001											
NSW	140.8	416.1	65.6	485.4	203.2	197.8	38.1	275.5	156.1	66.8	2,045.4
Vic.	167.8	462.4	58.8	178.4	134.7	393.2	9.4	218.7	109.8	143.5	1,876.8
Qld	44.1	74.8	46.3	44.5	50.5	193.0	5.3	176.5	23.4	114.3	772.5
SA	14.8	13.3	8.6	13.9	7.8	63.8	1.1	170.7	41.3	22.2	357.4
WA	8.5	45.4	14.2	193.5	26.1	87.5	1.7	33.8	59.6	40.6	510.9
Tas.	5.0	1.2	2.5	2.5	0.4	8.0	1.2	3.8	11.5	1.3	37.3
NT	4.9	5.6	—	0.3	4.4	4.4	—	50.3	7.7	2.4	79.9
ACT	5.3	5.4	—	66.0	1.1	8.2	0.2	3.1	0.1	1.4	90.8
<b>Australia</b>	<b>391.2</b>	<b>1,024.2</b>	<b>196.0</b>	<b>984.6</b>	<b>428.1</b>	<b>955.8</b>	<b>56.8</b>	<b>932.5</b>	<b>409.4</b>	<b>392.4</b>	<b>5,771.0</b>
DECEMBER QUARTER 2001											
NSW	183.9	460.1	110.6	458.9	184.2	243.9	32.6	276.2	209.0	75.0	2,234.4
Vic.	165.4	336.5	72.8	345.9	250.4	264.2	11.3	203.9	94.6	120.2	1,865.2
Qld	62.3	123.6	27.4	38.8	33.8	135.1	3.2	111.5	22.7	58.8	617.2
SA	33.0	17.6	13.4	13.4	11.8	44.8	1.0	173.5	22.0	14.8	345.5
WA	16.1	29.7	21.5	183.6	29.9	79.6	5.0	20.9	19.1	10.4	415.7
Tas.	1.8	0.9	1.2	4.0	6.2	2.2	1.2	25.1	5.7	0.6	49.0
NT	6.6	2.1	0.6	4.1	2.7	3.5	0.1	28.1	8.3	—	56.2
ACT	1.0	12.8	—	38.3	6.3	6.3	2.3	5.2	5.9	0.3	78.5
<b>Australia</b>	<b>470.2</b>	<b>983.3</b>	<b>247.6</b>	<b>1,087.1</b>	<b>525.4</b>	<b>779.8</b>	<b>56.7</b>	<b>844.4</b>	<b>387.4</b>	<b>280.0</b>	<b>5,661.8</b>
MARCH QUARTER 2002											
NSW	183.4	567.0	121.4	682.4	188.3	350.8	29.0	236.2	193.5	160.3	2,712.3
Vic.	157.0	337.6	46.1	549.0	321.8	275.3	13.6	465.3	78.8	109.4	2,353.8
Qld	61.8	128.3	24.5	115.8	39.4	115.4	1.2	131.6	21.8	50.1	689.8
SA	29.1	25.2	7.6	21.5	11.9	36.5	1.4	176.8	17.6	17.3	345.1
WA	15.4	22.0	11.0	174.0	14.4	73.5	3.3	16.0	20.1	6.8	356.4
Tas.	1.1	2.4	1.1	2.1	7.3	6.9	1.1	17.5	4.7	1.8	45.9
NT	3.9	1.2	—	37.7	2.8	5.2	0.1	17.6	2.8	—	71.3
ACT	0.2	5.1	0.2	27.8	3.7	6.2	5.6	7.0	5.9	0.2	61.8
<b>Australia</b>	<b>451.8</b>	<b>1,088.8</b>	<b>211.8</b>	<b>1,610.4</b>	<b>589.5</b>	<b>870.0</b>	<b>55.2</b>	<b>1,067.8</b>	<b>345.2</b>	<b>346.0</b>	<b>6,636.5</b>

**TABLE 35. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, BY STATE: MARCH QUARTER 2002  
(Percentage)**

State or Territory	New residential building						Value		
	Houses		Other residential		Total		Alterations and additions to residential buildings	Non- residential	Total building
	Number	Value	Number of dwelling units	Value	Number of dwelling units	Value			
COMMENCED									
NSW	3.7	5.2	1.2	0.9	2.2	3.1	4.8	3.2	2.1
Vic.	3.3	3.4	1.0	1.0	2.4	2.5	4.1	1.5	1.5
Qld	3.0	3.5	0.5	0.5	2.2	2.5	4.0	1.3	1.6
SA	3.2	3.3	2.1	1.9	2.7	2.8	6.6	2.2	1.9
WA	3.2	3.4	1.0	1.3	2.9	3.1	6.9	1.8	2.3
Tas.	2.4	2.4	—	—	2.3	2.3	5.0	1.3	1.5
ACT	0.8	2.1	—	—	0.5	1.4	5.9	0.6	1.2
Australia	1.6	1.9	0.6	0.5	1.1	1.4	2.4	1.3	0.9
UNDER CONSTRUCTION AT END OF PERIOD									
NSW	2.8	3.2	0.3	0.2	1.1	1.3	3.6	0.7	0.7
Vic.	2.3	2.3	0.4	0.3	1.4	1.2	3.2	0.5	0.7
Qld	3.8	3.9	0.3	0.2	2.3	2.3	4.1	0.5	1.2
SA	2.4	2.4	0.6	0.5	1.7	1.7	5.0	0.6	0.9
WA	2.5	2.6	0.2	0.2	1.9	1.8	3.5	0.5	1.1
Tas.	2.0	1.9	—	—	1.8	1.8	4.0	0.4	1.0
ACT	2.1	2.2	—	—	0.6	0.7	6.3	0.1	0.5
Australia	1.3	1.4	0.2	0.1	0.7	0.7	1.9	0.3	0.4
COMPLETED									
NSW	5.6	5.8	—	—	3.4	3.3	6.7	4.5	2.5
Vic.	4.7	4.7	—	—	3.8	3.7	7.4	1.8	2.4
Qld	5.5	5.8	0.5	0.4	4.0	4.3	6.3	1.9	2.8
SA	4.6	4.6	1.5	0.5	3.9	3.5	9.0	2.3	2.3
WA	4.9	5.1	4.0	4.5	4.3	4.5	7.1	0.9	2.7
Tas.	4.9	4.5	—	—	4.8	4.5	2.9	2.2	2.0
ACT	3.2	3.0	—	—	2.1	2.2	8.7	0.4	1.6
Australia	2.4	2.5	0.3	0.2	1.8	1.8	3.7	1.5	1.2
VALUE OF WORK DONE DURING PERIOD									
NSW	..	3.1	..	0.4	..	1.7	4.3	2.7	1.4
Vic.	..	2.5	..	0.7	..	1.8	3.8	1.6	1.2
Qld	..	3.2	..	0.4	..	2.5	3.8	1.3	1.6
SA	..	2.2	..	0.8	..	1.8	5.2	1.6	1.2
WA	..	2.7	..	1.7	..	2.3	4.1	0.9	1.6
Tas.	..	2.5	..	—	..	2.4	4.6	1.2	1.4
ACT	..	2.3	..	—	..	1.4	5.5	0.3	1.0
Australia	..	1.4	..	0.3	..	0.9	2.1	1.1	0.7
VALUE OF WORK YET TO BE DONE									
NSW	..	4.1	..	0.3	..	1.6	4.2	1.2	1.0
Vic.	..	2.8	..	0.4	..	1.4	3.6	0.5	0.8
Qld	..	5.0	..	0.3	..	2.7	5.7	0.7	1.6
SA	..	2.9	..	0.6	..	1.9	5.7	0.7	1.0
WA	..	2.8	..	0.3	..	2.1	4.5	0.6	1.4
Tas.	..	2.2	..	—	..	2.0	4.7	0.5	1.2
ACT	..	3.7	..	—	..	0.9	8.4	0.2	0.8
Australia	..	1.7	..	0.2	..	0.9	2.2	0.5	0.5

**TABLE 36. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, NON-RESIDENTIAL: MARCH QUARTER 2002**  
(Percentage)

<i>State or Territory</i>	<i>Hotels etc</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
VALUE OF WORK COMMENCED											
NSW	6.2	9.6	42.4	2.1	5.7	1.3	17.0	6.3	5.9	3.0	3.2
Vic.	5.6	12.9	14.4	2.9	5.7	3.5	—	0.6	24.1	5.4	1.5
Qld	8.4	4.4	16.0	5.3	7.6	2.8	—	2.4	15.7	10.9	1.3
SA	2.7	10.9	6.5	5.2	12.3	3.8	80.8	0.9	16.2	7.7	2.2
WA	13.4	10.2	21.9	4.0	12.8	2.3	—	—	1.2	18.2	1.8
Tas.	—	12.3	—	2.9	1.7	1.8	—	8.2	—	—	1.3
ACT	—	2.7	—	6.7	—	0.6	—	3.2	1.5	—	0.6
<b>Australia</b>	<b>3.1</b>	<b>5.6</b>	<b>21.9</b>	<b>1.6</b>	<b>3.3</b>	<b>1.2</b>	<b>9.1</b>	<b>0.8</b>	<b>6.9</b>	<b>2.6</b>	<b>1.3</b>
VALUE OF WORK UNDER CONSTRUCTION AT END OF PERIOD											
NSW	1.0	1.2	14.4	1.4	1.7	0.6	3.6	0.4	0.8	1.6	0.7
Vic.	2.2	2.2	5.3	1.4	1.8	0.8	13.3	0.2	3.7	1.0	0.5
Qld	2.9	1.4	5.2	3.2	4.9	1.1	—	0.5	6.6	1.0	0.5
SA	0.7	4.4	1.1	2.9	6.9	1.4	39.6	0.1	0.6	1.9	0.6
WA	3.5	3.3	2.4	0.6	4.9	—	—	—	—	3.6	0.5
Tas.	—	9.5	—	—	0.7	—	—	0.3	—	—	0.4
ACT	—	—	—	0.1	—	—	—	1.0	0.6	—	0.1
<b>Australia</b>	<b>0.9</b>	<b>1.0</b>	<b>6.7</b>	<b>0.8</b>	<b>1.1</b>	<b>0.4</b>	<b>3.6</b>	<b>0.2</b>	<b>1.3</b>	<b>0.6</b>	<b>0.3</b>
VALUE OF WORK COMPLETED											
NSW	—	20.9	5.6	7.6	6.3	3.2	—	—	4.0	3.0	4.5
Vic.	—	5.3	9.7	7.5	3.8	1.7	—	4.9	4.7	7.9	1.8
Qld	7.0	5.7	15.9	8.6	6.5	2.7	46.9	3.9	15.1	7.8	1.9
SA	—	8.7	11.1	11.7	8.6	—	—	—	13.5	—	2.3
WA	34.5	3.8	3.8	2.3	8.3	1.3	47.7	—	0.5	0.5	0.9
Tas.	38.7	11.7	—	8.4	—	3.1	—	9.1	—	—	2.2
ACT	—	0.4	—	1.8	—	1.0	—	—	—	—	0.4
<b>Australia</b>	<b>2.2</b>	<b>7.7</b>	<b>4.3</b>	<b>3.7</b>	<b>2.8</b>	<b>1.2</b>	<b>9.2</b>	<b>1.6</b>	<b>2.8</b>	<b>2.1</b>	<b>1.5</b>
VALUE OF WORK DONE DURING PERIOD											
NSW	3.6	15.3	8.7	2.9	3.1	2.8	7.7	1.1	2.5	1.7	2.7
Vic.	4.5	8.6	7.3	4.3	4.0	2.2	8.2	2.9	6.7	3.3	1.6
Qld	5.0	4.2	12.0	8.3	6.3	2.4	57.9	3.7	12.7	5.9	1.3
SA	1.0	5.7	4.7	5.1	11.2	0.3	70.5	0.3	9.3	9.1	1.6
WA	8.6	5.5	3.4	1.8	8.7	1.8	17.5	—	1.9	8.1	0.9
Tas.	30.2	14.0	—	5.2	1.6	4.1	—	1.4	—	—	1.2
ACT	—	0.4	—	1.2	—	0.6	—	3.5	1.0	—	0.3
<b>Australia</b>	<b>1.9</b>	<b>6.1</b>	<b>3.9</b>	<b>2.0</b>	<b>2.2</b>	<b>1.2</b>	<b>7.3</b>	<b>1.2</b>	<b>2.9</b>	<b>2.0</b>	<b>1.1</b>
VALUE OF WORK YET TO BE DONE											
NSW	0.8	0.8	24.4	1.4	3.2	0.8	4.8	1.1	1.1	2.2	1.2
Vic.	2.2	2.4	7.4	1.2	1.7	1.1	21.1	0.1	7.7	1.6	0.5
Qld	2.8	1.2	5.4	2.5	7.4	1.0	—	0.7	7.2	2.3	0.7
SA	0.9	5.9	3.5	3.7	10.1	2.3	25.0	0.1	0.9	2.3	0.7
WA	4.3	6.6	4.2	0.7	7.0	—	—	—	—	8.1	0.6
Tas.	—	9.6	—	—	0.1	—	—	—	—	—	0.5
ACT	—	—	—	0.5	—	—	—	0.6	0.5	—	0.2
<b>Australia</b>	<b>0.9</b>	<b>0.9</b>	<b>14.1</b>	<b>0.8</b>	<b>1.5</b>	<b>0.5</b>	<b>5.8</b>	<b>0.3</b>	<b>1.9</b>	<b>1.2</b>	<b>0.5</b>

## 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, and
  - 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 23–25), 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 excluded.
- 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.

### TREATMENT OF GST

- 7** 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).

### TREATMENT OF GST *continued*

**8** 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.

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.

**9** 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.

**10** 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

**11** 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.

**12** 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.

**13** 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.).

## EXPLANATORY NOTES *continued*

### DEFINITIONS *continued*

**14** From the June quarter 1996 issue of this publication, 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 15, 17, 19, 25, 27 and 29) under the heading of 'Conversions, etc.', and is included in the total number of dwelling units shown in these tables. Previously, such dwellings were only included as a footnote.

**15** In addition, the seasonally adjusted and trend estimates and percentage changes for the total number of dwelling units commenced and completed, shown in tables 7–11, include these conversions, etc. Previously, only dwelling units created as part of the construction of new residential buildings were included in these estimates.

**16** *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).

**17** *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.

**18** *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

**19** 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

**20** *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.

**21** *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 Shops, 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.

**22** 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.
- *Hotels, etc.* Includes motels, hostels, boarding houses, guest houses, holiday apartment buildings.
- *Shops.* Includes retail shops, restaurants, cafes, taverns, dry cleaners, laundromats, hair salons, shopping arcades.
- *Factories.* Includes paper mills, oil refinery buildings, brickworks, foundries, powerhouses, manufacturing laboratories, workshops as part of a manufacturing process.
- *Offices.* Includes banks, post offices, council chambers, head and regional offices.
- *Other business premises.* Includes warehouses, storage depots, service stations, transport depots and terminals, car parks, electricity substation buildings, pumping station buildings, telephone exchanges, mail sorting centres, broadcasting stations, film studios.
- *Educational.* Includes schools, colleges, universities, kindergartens, libraries, museums, art galleries, research and teaching laboratories, theological colleges.
- *Religious.* Includes churches, chapels, temples.
- *Health.* Includes hospitals, nursing homes, surgeries, clinics, medical centres.
- *Entertainment and recreational.* Includes clubs, theatres, cinemas, public halls, gymnasiums, grandstands, squash courts, sports and recreation centres.
- *Miscellaneous.* Includes law courts, homes for the aged (where medical care is not provided as a normal service), orphanages, gaols, barracks, mine buildings, glasshouses, livestock sheds, shearing sheds, fruit and skin drying sheds, public toilets, and ambulance, fire and police stations.

## RELIABILITY OF THE ESTIMATES

**23** 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 35 and 36.

**24** 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 15) and that the associated RSE is 1.5% (for actual percentage see table 35). 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.

**25** 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

**26** Seasonally adjusted building statistics are shown in tables 1–4 and 7–14. In the seasonally adjusted series, account has been taken of normal seasonal factors and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters.

**27** 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 be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally adjusted total). In tables 12–14, the components of the current price value series have, however, been seasonally adjusted dependently, and the seasonally adjusted components of series in those tables add to the seasonally adjusted total.

## EXPLANATORY NOTES *continued*

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### SEASONAL ADJUSTMENT *continued*

**28** As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. For the Building Activity Survey, the results of the latest review are shown in the December quarter issue each year.

### TREND ESTIMATES

**29** 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.

**30** 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.

**31** While the smoothing technique described in paragraphs 29 and 30 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 and as a result of the re-estimation of the seasonal factors. 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 6076.

### CHAIN VOLUME MEASURES

**32** Chain volume estimates of the value of commencements and work done are presented in original terms for each State and Territory, and in original, seasonally adjusted and trend terms for Australia.

**33** 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'.

**34** 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 1999–2000). 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. 1999–2000). Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the *ABS Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0).

## EXPLANATORY NOTES *continued*

### CHAIN VOLUME MEASURES *continued*

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

### ACKNOWLEDGMENT

**36** 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

**37** 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)—issued quarterly

*Construction Work Done, Australia, Preliminary* (Cat. no. 8755.0)—issued quarterly

*Building Approvals, Australia* (Cat. no. 8731.0)—issued monthly

*Engineering Construction Activity, Australia* (Cat. no. 8762.0)—issued quarterly

*House Price Indexes: Eight Capital Cities* (Cat. no. 6416.0)—issued quarterly

*Housing Finance for Owner Occupation, Australia* (Cat. no. 5609.0)—issued monthly

*Producer Price Indexes, Australia* (Cat. no. 6427.0)—issued quarterly

*Private Sector Construction Industry, Australia, 1996–97* (Cat. no. 8772.0)

**38** Current publications and other products produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists products to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

### ABS DATA AVAILABLE ON REQUEST

**39** 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.

### SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
n.a.	not available
RSE	relative standard error
SE	standard error
..	not applicable
—	nil or rounded to zero

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.







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<i>DIAL-A-STATISTIC</i>	For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

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