



# BUILDING ACTIVITY

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) MON 17 APR 2000

## DECEMBER QTR KEY FIGURES

	<i>Dec qtr 99</i>	<i>Sep qtr 99 to Dec qtr 99</i>	<i>Dec qtr 98 to Dec qtr 99</i>
	<i>\$m</i>	<i>% change</i>	<i>% change</i>
<b>TREND ESTIMATES (a)</b>			
Value of work done	8 662.9	-0.4	1.3
New residential building	4 481.5	1.2	5.5
Alterations and additions to residential buildings	839.6	1.3	5.1
Non-residential building	3 359.3	-2.5	-4.1

	<i>Dec qtr 99</i>	<i>Sep qtr 99 to Dec qtr 99</i>	<i>Dec qtr 98 to Dec qtr 99</i>
	<i>\$m</i>	<i>% change</i>	<i>% change</i>
<b>SEASONALLY ADJUSTED (a)</b>			
Value of work done	8 534.8	-3.4	-1.9
New residential building	4 464.8	0.2	4.5
Alterations and additions to residential buildings	824.7	-4.7	4.0
Non-residential building	3 249.1	-7.9	-10.5

(a) Chain volume measures, reference year 1997-98.

## DECEMBER QTR KEY POINTS

### VALUE OF WORK DONE, VOLUME TERMS

#### TREND ESTIMATES

- The trend estimate for building work done in the December quarter 1999 fell slightly (0.4%). The series has remained relatively constant since reaching its highest level of \$8,714.8m in the June quarter 1999.
- The value of new residential work continued to grow, rising 1.2% in the December quarter 1999, and has surpassed previous highs reported for the June and September quarters.
- The value of non-residential work continued to fall. The decrease of 2.5% in the December quarter 1999 follows falls in June (down 1.0%) and September (down 2.3%).

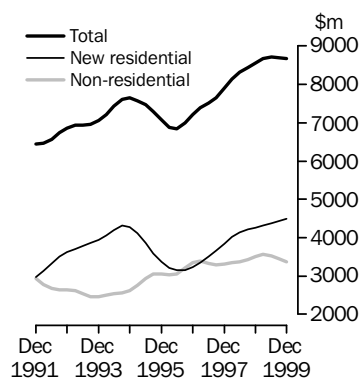
#### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of building work done fell 3.4% in the December quarter 1999. This series was at its highest level last quarter.
- Work done on new residential building rose slightly (0.2%) in the December quarter 1999 and is at a high for this series. On the other hand, non-residential building fell in the quarter 7.9% and is 10.5% lower than the level of a year ago.

#### ORIGINAL ESTIMATES

- Total building work done fell 0.5% in the December quarter 1999 with new residential work up 2.0% and non-residential work down 4.7%. Victoria, Queensland, Western Australia and the Australian Capital Territory recorded increases in total work done.

### Value of work done

Volume terms  
Trend estimates

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

## NOTES

### FORTHCOMING ISSUES

*ISSUE (Quarter)*

*RELEASE DATE*

March 2000

20 July 2000

June 2000

13 October 2000

### CHANGES IN THIS ISSUE

There are no changes in this issue.

### SIGNIFICANT REVISIONS THIS QUARTER

The seasonally adjusted and trend series have been revised as a result of the annual re-analysis of seasonal factors. For more details, see Explanatory Notes 22–24.

The total number of dwelling units commenced during the September quarter 1999 has been revised upwards by 617 (1.5%) for Australia, including 311 (2.3%) in New South Wales and 243 (2.1%) in Victoria.

The total value of building work commenced during the September quarter 1999 has been revised upwards by \$150.4m or 1.6%, with residential building increasing by \$58.6m (0.9%) and non-residential building increasing by \$91.9m (3.2%). The main contributor to the increase was Victoria where residential building was up \$37.0m (2.0%) and non-residential building up \$36.3m (5.7%).

W. McLennan  
Australian Statistician

# VALUE OF WORK COMMENCED: Volume terms

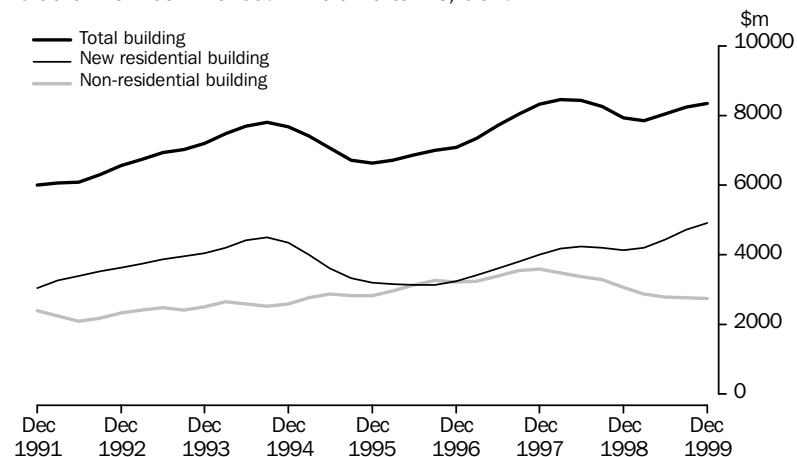
## TREND ESTIMATES

	Dec qtr 99	Sep qtr 99 to Dec qtr 99	Dec qtr 98 to Dec qtr 99
	\$m	% change	% change
TREND ESTIMATES(a)			
Value of building work commenced	8 344.6	1.2	5.1
New residential building	4 912.7	4.0	19.0
Alterations and additions to residential buildings	769.7	0.4	1.6
Non-residential building	2 746.5	-0.4	-10.7

(a) Chain volume measures, reference year 1997-98.

- The trend estimate for the total value of building work commenced rose 1.2% in the December quarter 1999, and follows rises of 2.6% in each of the previous two quarters.
- The value of new residential building commencements rose 4.0% in the December quarter 1999 and surpasses the high for the series recorded in the September quarter 1999.
- Non-residential commencements fell for the eighth successive quarter but the rate of decrease has eased.

Value of work commenced in volume terms, trend



## SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of the total value of building work commenced fell 8.7% to \$7,999.1m in the December quarter 1999. Last quarter was the highest level since the June quarter 1989.
- The value of new residential buildings commenced fell 6.4% to \$4,708.9m. This comprised a drop of 24.0% in other residential buildings offset by a rise of 3.9% for houses. Alterations and additions fell 13.0% from the high for this series recorded last quarter. Non-residential building commencements fell 10.8%.

# NUMBER OF DWELLING UNITS COMMENCED

	Dec qtr 99	Sep qtr 99 to Dec qtr 99	Dec qtr 98 to Dec qtr 99
	no.	% change	% change

## TREND ESTIMATES

Dwelling units commenced			
New private sector houses	27 778	3.1	13.3
Total dwelling units	41 358	3.7	11.8

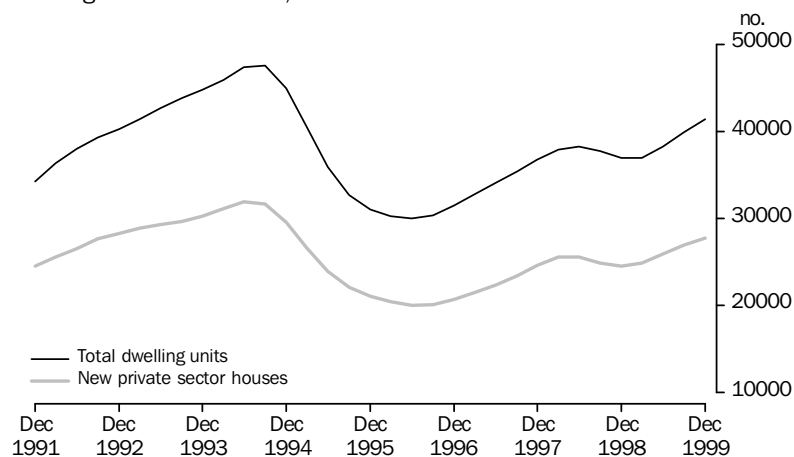
## SEASONALLY ADJUSTED

Dwelling units commenced			
New private sector houses	27 482	1.6	14.3
Total dwelling units	40 337	-2.7	9.8

### TREND ESTIMATES

- The trend for the total number of dwelling unit commencements rose by 3.7% in the December quarter 1999, and is the third successive quarter of growth.
- The number of new private house commencements continued to grow, rising 3.1% in the December quarter 1999.

Dwelling units commenced, trend



### SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, commencements of the total number of dwelling units fell by 2.7%. New private sector house commencements rose by 1.6% but was offset by a decline in new other residential commencements.

### ORIGINAL ESTIMATES

- Although the total number of dwelling units commenced in the December quarter 1999 fell by 4.3%, to 40,831, the level was still the second highest since the December quarter 1994. Most of the decrease this quarter occurred from a fall of 15.0% in other residential commencements.

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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							
<b>ORIGINAL</b>									
1996-97	9,157.5	9,321.4	3,910.8	13,229.0	2,587.6	9,811.9	13,280.8	25,045.1	29,064.7
1997-98	10,996.1	11,188.4	4,540.0	15,728.3	3,010.8	9,721.5	13,328.6	27,990.1	32,067.6
1998-99	11,605.3	11,880.5	5,199.7	17,080.1	3,193.8	10,428.8	14,015.5	30,116.2	34,289.6
1998 Sept. qtr	2,895.2	2,967.5	1,297.3	4,264.8	810.8	2,655.2	3,461.4	7,567.1	8,537.1
Dec. qtr	2,990.0	3,070.3	1,393.3	4,463.6	867.1	2,896.6	3,864.0	8,074.3	9,194.8
1999 Mar. qtr	2,723.2	2,779.8	1,216.8	3,996.6	732.6	2,271.2	3,138.8	6,875.5	7,868.0
June qtr	2,996.9	3,062.9	1,292.3	4,355.1	783.3	2,605.8	3,551.3	7,599.3	8,689.7
Sept. qtr	3,180.7	3,239.5	1,337.8	4,577.4	871.7	2,773.7	3,630.8	8,064.2	9,079.9
Dec. qtr	3,259.9	3,317.4	1,353.1	4,670.5	901.0	2,595.3	3,459.3	8,035.5	9,030.8
<b>SEASONALLY ADJUSTED</b>									
1998 Sept. qtr	2,838.3	2,906.5	1,231.2	4,153.0	804.5	2,519.7	3,362.9	7,335.3	8,304.3
Dec. qtr	2,848.7	2,924.6	1,359.4	4,271.5	793.0	2,700.7	3,632.2	7,613.6	8,695.9
1999 Mar. qtr	2,924.0	2,990.3	1,306.5	4,300.1	816.5	2,523.0	3,476.8	7,515.3	8,602.7
June qtr	2,994.3	3,058.9	1,302.6	4,355.5	779.9	2,685.5	3,543.6	7,652.1	8,686.7
Sept. qtr	3,120.0	3,174.5	1,269.7	4,456.6	865.3	2,625.5	3,526.1	7,816.5	8,835.5
Dec. qtr	3,104.9	3,158.8	1,318.2	4,464.8	824.7	2,415.0	3,249.1	7,568.7	8,534.8
<b>TREND ESTIMATES</b>									
1998 Sept. qtr	2,857.8	2,922.8	1,285.6	4,209.8	799.8	2,546.3	3,434.1	7,411.3	8,439.6
Dec. qtr	2,863.1	2,934.7	1,315.5	4,248.7	798.6	2,594.3	3,501.6	7,496.0	8,548.1
1999 Mar. qtr	2,920.8	2,990.6	1,315.6	4,304.8	802.2	2,640.3	3,561.1	7,602.8	8,672.0
June qtr	3,006.4	3,069.1	1,301.9	4,371.2	814.1	2,624.4	3,526.3	7,664.7	8,714.8
Sept. qtr	3,079.1	3,136.1	1,291.2	4,428.0	829.1	2,573.3	3,444.3	7,688.5	8,698.5
Dec. qtr	3,134.2	3,187.0	1,298.3	4,481.5	839.6	2,508.5	3,359.3	7,689.8	8,662.9

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 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)									
1996-97	-0.6	-1.1	-0.5	-0.9	-0.1	10.3	9.0	3.4	3.3
1997-98	20.1	20.0	16.1	18.9	16.3	-0.9	0.4	11.8	10.3
1998-99	5.5	6.2	14.5	8.6	6.1	7.3	5.2	7.6	6.9
1998 Sept. qtr	0.3	1.0	2.7	1.6	2.4	11.9	3.9	4.7	2.6
Dec. qtr	3.3	3.5	7.4	4.7	6.9	9.1	11.6	6.7	7.7
1999 Mar. qtr	-8.9	-9.5	-12.7	-10.5	-15.5	-21.6	-18.8	-14.8	-14.4
June qtr	10.1	10.2	6.2	9.0	6.9	14.7	13.1	10.5	10.4
Sept. qtr	6.1	5.8	3.5	5.1	11.3	6.4	2.2	6.1	4.5
Dec. qtr	2.5	2.4	1.1	2.0	3.4	-6.4	-4.7	-0.4	-0.5
SEASONALLY ADJUSTED (% change from previous quarter)									
1998 Sept. qtr	-1.5	-0.9	-3.3	-1.1	2.2	3.5	1.4	0.9	-0.1
Dec. qtr	0.4	0.6	10.4	2.9	-1.4	7.2	8.0	3.8	4.7
1999 Mar. qtr	2.6	2.2	-3.9	0.7	3.0	-6.6	-4.3	-1.3	-1.1
June qtr	2.4	2.3	-0.3	1.3	-4.5	6.4	1.9	1.8	1.0
Sept. qtr	4.2	3.8	-2.5	2.3	11.0	-2.2	-0.5	2.1	1.7
Dec. qtr	-0.5	-0.5	3.8	0.2	-4.7	-8.0	-7.9	-3.2	-3.4
TREND ESTIMATES (% change from previous quarter)									
1998 Sept. qtr	-0.1	0.3	4.5	1.6	0.8	2.2	1.9	1.6	1.6
Dec. qtr	0.2	0.4	2.3	0.9	-0.1	1.9	2.0	1.1	1.3
1999 Mar. qtr	2.0	1.9	—	1.3	0.5	1.8	1.7	1.4	1.4
June qtr	2.9	2.6	-1.0	1.5	1.5	-0.6	-1.0	0.8	0.5
Sept. qtr	2.4	2.2	-0.8	1.3	1.8	-1.9	-2.3	0.3	-0.2
Dec. qtr	1.8	1.6	0.6	1.2	1.3	-2.5	-2.5	—	-0.4

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 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							
<b>ORIGINAL</b>									
1996-97	9,300.4	9,468.0	3,907.7	13,376.2	2,588.0	9,149.5	12,883.4	24,592.6	28,833.4
1997-98	11,235.1	11,436.2	4,744.8	16,181.0	3,028.3	9,830.9	14,287.4	28,520.4	33,496.6
1998-99	11,927.4	12,215.4	4,625.5	16,840.8	3,009.8	9,037.8	11,896.9	28,295.8	31,747.7
1998 Sept. qtr	3,064.9	3,167.7	1,314.4	4,482.1	806.1	2,491.8	3,047.5	7,597.6	8,335.7
Dec. qtr	2,942.3	3,015.3	1,098.5	4,113.8	815.8	2,367.1	3,265.7	7,162.7	8,195.4
1999 Mar. qtr	2,704.1	2,751.0	1,157.7	3,908.7	660.4	2,027.0	2,875.5	6,472.1	7,444.6
June qtr	3,216.1	3,281.4	1,054.9	4,336.2	727.5	2,151.9	2,708.2	7,063.4	7,772.0
Sept. qtr	3,412.7	3,470.0	1,739.6	5,209.7	864.3	2,049.0	2,809.8	7,959.9	8,883.8
Dec. qtr	3,485.8	3,540.7	1,267.3	4,808.0	769.9	1,873.1	2,651.6	7,348.0	8,229.5
<b>SEASONALLY ADJUSTED</b>									
1998 Sept. qtr	2,940.3	3,030.5	1,278.7	4,333.0	783.4	n.a.	3,192.2	7,559.8	8,244.5
Dec. qtr	2,861.7	2,935.8	1,112.7	4,030.0	772.9	n.a.	3,220.8	6,843.9	7,969.1
1999 Mar. qtr	2,960.2	3,016.5	1,170.5	4,158.7	740.4	n.a.	2,752.4	6,779.5	7,688.3
June qtr	3,165.3	3,232.5	1,063.6	4,319.1	713.2	n.a.	2,731.7	7,112.6	7,845.7
Sept. qtr	3,271.5	3,315.0	1,688.8	5,031.3	836.7	n.a.	2,934.4	7,917.1	8,764.7
Dec. qtr	3,388.4	3,444.3	1,283.3	4,708.9	728.1	n.a.	2,617.6	7,015.3	7,999.1
<b>TREND ESTIMATES</b>									
1998 Sept. qtr	2,901.8	2,975.9	1,217.3	4,200.4	783.0	2,421.9	3,296.7	7,257.3	8,266.7
Dec. qtr	2,912.3	2,987.1	1,146.8	4,127.4	757.7	2,293.8	3,074.0	7,015.9	7,937.4
1999 Mar. qtr	2,984.8	3,051.1	1,148.2	4,191.8	748.9	2,165.3	2,882.1	6,957.5	7,838.1
June qtr	3,127.7	3,184.7	1,261.2	4,450.9	755.4	2,099.5	2,795.9	7,193.3	8,041.2
Sept. qtr	3,272.8	3,326.1	1,385.3	4,722.5	766.6	2,026.2	2,757.3	7,404.3	8,247.9
Dec. qtr	3,395.1	3,446.4	1,447.9	4,912.7	769.7	1,925.0	2,746.5	7,439.1	8,344.6

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 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)									
1996-97	5.7	5.2	1.0	4.0	7.5	4.4	9.5	5.1	6.7
1997-98	20.8	20.8	21.4	21.0	17.0	7.4	10.9	16.0	16.2
1998-99	6.2	6.8	-2.5	4.1	-0.6	-8.1	-16.7	-0.8	-5.2
1998 Sept. qtr	2.6	4.2	6.3	4.8	1.4	1.5	-13.3	3.2	-2.9
Dec. qtr	-4.0	-4.8	-16.4	-8.2	1.2	-5.0	7.2	-5.7	-1.7
1999 Mar. qtr	-4.0	-4.8	-16.4	-8.2	1.2	-5.0	7.2	-5.7	-1.7
June qtr	18.9	19.3	-8.9	10.9	10.2	6.2	-5.8	9.1	4.4
Sept. qtr	6.1	5.8	64.9	20.1	18.8	-4.8	3.7	12.7	14.3
Dec. qtr	2.1	2.0	-27.2	-7.7	-10.9	-8.6	-5.6	-7.7	-7.4
SEASONALLY ADJUSTED (% change from previous quarter)									
1998 Sept. qtr	0.1	1.4	3.1	2.0	1.2	3.5	-9.8	1.9	-4.7
Dec. qtr	-2.7	-3.1	-13.0	-7.0	-1.3	-14.0	0.9	-9.5	-3.3
1999 Mar. qtr	3.4	2.7	5.2	3.2	-4.2	-7.8	-14.5	-0.9	-3.5
June qtr	6.9	7.2	-9.1	3.9	-3.7	6.4	-0.8	4.9	2.0
Sept. qtr	3.4	2.6	58.8	16.5	17.3	-2.7	7.4	11.3	11.7
Dec. qtr	3.6	3.9	-24.0	-6.4	-13.0	-17.0	-10.8	-11.4	-8.7
TREND ESTIMATES (% change from previous quarter)									
1998 Sept. qtr	-0.9	-0.6	-1.4	-0.8	-0.5	-2.7	-2.5	-1.5	-2.0
Dec. qtr	0.4	0.4	-5.8	-1.7	-3.2	-5.3	-6.8	-3.3	-4.0
1999 Mar. qtr	2.5	2.1	0.1	1.6	-1.2	-5.6	-6.2	-0.8	-1.3
June qtr	4.8	4.4	9.8	6.2	0.9	-3.0	-3.0	3.4	2.6
Sept. qtr	4.6	4.4	9.8	6.1	1.5	-3.5	-1.4	2.9	2.6
Dec. qtr	3.7	3.6	4.5	4.0	0.4	-5.0	-0.4	0.5	1.2

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 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>									
1996-97	4,856.7	2,646.9	3,149.0	490.7	1,508.1	194.3	183.9	198.3	13,229.0
1997-98	5,577.0	3,568.7	3,650.0	605.4	1,760.2	166.4	237.4	163.2	15,728.3
1998-99	6,352.2	4,221.8	3,249.7	708.7	1,910.5	142.7	287.7	207.1	17,080.1
1998 Sept. qtr	1,561.8	1,011.8	911.3	175.5	450.7	34.3	71.2	48.3	4,264.8
Dec. qtr	1,611.0	1,114.7	886.7	183.5	492.8	38.8	88.8	47.3	4,463.6
1999 Mar. qtr	1,523.1	987.6	696.1	165.5	477.7	35.1	63.3	48.3	3,996.6
June qtr	1,656.3	1,107.7	755.6	184.2	489.3	34.5	64.4	63.2	4,355.1
Sept. qtr	1,663.4	1,239.4	812.9	204.5	496.7	35.7	64.5	60.3	4,577.4
Dec. qtr	1,627.0	1,256.2	866.1	210.3	542.7	38.4	52.5	77.3	4,670.5
<b>ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS</b>									
1996-97	1,102.2	780.9	280.7	121.8	176.9	41.5	23.6	59.0	2,587.6
1997-98	1,336.5	911.4	315.0	131.6	193.4	41.4	26.4	54.9	3,010.8
1998-99	1,425.2	979.0	305.7	141.7	209.1	39.5	29.8	64.3	3,193.8
1998 Sept. qtr	385.1	226.6	85.0	38.5	44.1	10.0	8.2	13.4	810.8
Dec. qtr	364.7	277.6	94.2	38.9	57.1	9.6	8.1	17.1	867.1
1999 Mar. qtr	340.5	219.4	61.9	31.8	51.0	8.8	6.0	13.3	732.6
June qtr	334.9	255.4	64.6	32.5	56.9	11.1	7.5	20.5	783.3
Sept. qtr	388.4	258.0	71.5	38.4	70.9	11.0	8.1	25.4	871.7
Dec. qtr	384.5	278.7	93.0	41.9	62.1	11.9	8.5	20.4	901.0
<b>NON-RESIDENTIAL BUILDING</b>									
1996-97	4,650.5	3,346.9	2,609.8	673.2	1,084.1	221.4	270.7	404.7	13,280.8
1997-98	5,198.6	2,960.4	2,595.6	685.0	1,135.2	159.1	212.4	382.6	13,328.6
1998-99	5,638.7	3,454.1	2,592.1	565.0	972.9	175.7	246.4	370.3	14,015.5
1998 Sept. qtr	1,322.9	877.8	672.2	161.7	224.1	42.9	72.0	87.7	3,461.4
Dec. qtr	1,538.9	985.9	712.0	158.7	238.1	58.5	69.1	102.7	3,864.0
1999 Mar. qtr	1,301.6	756.7	530.7	129.2	231.9	32.0	50.6	106.0	3,138.8
June qtr	1,475.3	833.7	677.2	115.4	278.8	42.3	54.7	73.9	3,551.3
Sept. qtr	1,542.1	837.6	640.9	167.4	311.5	45.6	30.2	55.5	3,630.8
Dec. qtr	1,427.1	815.8	655.0	136.8	278.6	39.5	30.9	75.7	3,459.3
<b>TOTAL BUILDING</b>									
1996-97	10,604.8	6,764.7	6,031.4	1,284.9	2,768.1	457.0	479.4	662.4	29,064.7
1997-98	12,112.0	7,440.5	6,560.8	1,422.0	3,088.7	366.8	476.2	600.6	32,067.6
1998-99	13,415.9	8,654.9	6,147.5	1,415.4	3,092.5	357.9	563.9	641.6	34,289.6
1998 Sept. qtr	3,269.8	2,116.2	1,668.6	375.6	718.9	87.2	151.4	149.4	8,537.1
Dec. qtr	3,514.5	2,378.2	1,692.9	381.1	788.0	107.0	166.0	167.1	9,194.8
1999 Mar. qtr	3,165.1	1,963.7	1,288.7	326.6	760.6	75.9	119.9	167.5	7,868.0
June qtr	3,466.5	2,196.8	1,497.3	332.1	825.0	87.8	126.6	157.6	8,689.7
Sept. qtr	3,593.8	2,335.1	1,525.2	410.3	879.1	92.3	102.8	141.2	9,079.9
Dec. qtr	3,438.6	2,350.8	1,614.0	389.0	883.4	89.8	92.0	173.3	9,030.8

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 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>									
1996-97	4,929.9	2,730.9	3,179.9	498.8	1,481.1	165.4	191.8	195.5	13,376.2
1997-98	5,764.4	3,850.4	3,600.8	614.8	1,787.4	149.6	271.0	142.7	16,181.0
1998-99	6,024.3	4,398.7	3,069.6	742.1	1,981.4	134.2	253.6	236.9	16,840.8
1998 Sept. qtr	1,677.4	1,118.2	841.9	179.3	510.4	29.3	64.6	61.0	4,482.1
Dec. qtr	1,369.1	1,053.3	783.0	223.9	512.7	37.7	83.4	50.6	4,113.8
1999 Mar. qtr	1,522.5	1,020.3	621.9	165.0	436.5	33.2	49.6	59.8	3,908.7
June qtr	1,455.3	1,206.9	822.8	173.9	521.8	34.0	56.0	65.5	4,336.2
Sept. qtr	1,880.3	1,461.8	830.3	235.6	638.5	32.2	61.7	69.2	5,209.7
Dec. qtr	1,453.5	1,421.2	962.7	226.4	563.1	41.0	51.8	88.2	4,808.0
<b>ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS</b>									
1996-97	1,115.5	766.1	285.9	118.6	174.9	39.0	24.4	62.4	2,588.0
1997-98	1,384.1	891.0	310.0	134.5	188.1	39.9	26.2	54.2	3,028.3
1998-99	1,270.2	963.6	285.0	134.4	218.9	39.9	29.5	68.7	3,009.8
1998 Sept. qtr	397.3	220.4	81.3	34.0	42.7	9.9	7.9	12.8	806.1
Dec. qtr	316.8	287.6	85.2	33.4	58.8	8.8	8.4	16.9	815.8
1999 Mar. qtr	261.0	216.6	56.4	31.3	57.8	9.4	5.8	22.1	660.4
June qtr	295.1	239.0	62.1	35.7	59.6	11.8	7.4	16.9	727.5
Sept. qtr	346.6	287.4	77.3	39.6	70.6	11.7	9.1	22.1	864.3
Dec. qtr	288.4	254.5	95.8	40.2	54.5	10.8	6.8	18.9	769.9
<b>NON-RESIDENTIAL BUILDING</b>									
1996-97	5,117.1	3,020.8	2,228.0	576.4	1,174.1	164.8	218.5	383.3	12,883.4
1997-98	5,471.7	3,189.7	3,467.1	550.6	888.4	141.9	236.9	341.1	14,287.4
1998-99	4,359.8	2,952.5	2,165.7	615.3	1,109.2	181.5	202.5	310.6	11,896.9
1998 Sept. qtr	1,469.3	640.7	400.6	130.1	211.9	56.6	85.1	53.3	3,047.5
Dec. qtr	1,073.2	1,025.7	567.5	133.2	330.7	46.3	41.3	47.9	3,265.7
1999 Mar. qtr	898.2	547.5	636.3	231.7	339.5	39.7	40.1	142.5	2,875.5
June qtr	919.1	738.6	561.3	120.3	227.1	38.9	36.0	66.9	2,708.2
Sept. qtr	1,262.6	638.2	436.9	106.4	267.2	36.3	29.9	32.3	2,809.8
Dec. qtr	952.5	621.7	512.3	117.1	334.7	30.5	49.3	33.5	2,651.6
<b>TOTAL BUILDING</b>									
1996-97	11,152.8	6,509.9	5,708.2	1,193.2	2,825.9	369.3	435.3	641.3	28,833.4
1997-98	12,619.9	7,931.4	7,378.0	1,299.9	2,863.9	331.4	534.3	537.9	33,496.6
1998-99	11,654.2	8,314.8	5,520.1	1,491.7	3,309.4	355.5	485.6	616.2	31,747.7
1998 Sept. qtr	3,544.0	1,979.3	1,323.8	343.4	765.0	95.7	157.5	127.0	8,335.7
Dec. qtr	2,759.0	2,366.6	1,435.7	390.5	902.1	92.8	133.2	115.4	8,195.4
1999 Mar. qtr	2,681.7	1,784.4	1,314.5	428.0	833.8	82.2	95.5	224.5	7,444.6
June qtr	2,669.5	2,184.5	1,446.1	329.8	808.5	84.8	99.4	149.3	7,772.0
Sept. qtr	3,489.4	2,387.5	1,344.5	381.6	976.3	80.3	100.7	123.5	8,883.8
Dec. qtr	2,694.5	2,297.4	1,570.8	383.7	952.3	82.4	107.9	140.7	8,229.5

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 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								
1998 Sept. qtr	25,393	25,504	26,491	25,913	37,111	35,423	38,596	36,600
Dec. qtr	24,048	23,176	24,668	23,870	35,152	34,159	36,748	35,482
1999 Mar. qtr	24,451	23,248	24,977	23,921	35,173	33,223	36,395	34,960
June qtr	26,403	24,928	26,948	25,635	36,332	37,485	37,606	38,706
Sept. qtr	27,051	24,321	27,621	24,801	40,318	33,694	41,447	34,888
Dec. qtr	27,482	24,453	27,927	25,060	38,966	33,211	40,337	34,440
TREND ESTIMATES								
1998 Sept. qtr	24,905	24,465	25,686	25,010	36,286	34,573	37,770	35,806
Dec. qtr	24,512	23,992	25,241	24,626	35,533	34,585	37,006	35,997
1999 Mar. qtr	24,879	23,766	25,482	24,436	35,614	34,829	36,952	36,293
June qtr	25,915	24,131	26,444	24,777	37,001	35,015	38,237	36,387
Sept. qtr	26,956	24,521	27,480	25,107	38,677	34,619	39,901	35,860
Dec. qtr	27,778	24,648	28,226	25,183	40,071	33,719	41,358	34,822

**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)								
1998								
Sept. qtr	-0.1	3.7	2.3	2.8	1.3	2.5	1.4	2.5
Dec. qtr	-5.3	-9.1	-6.9	-7.9	-5.3	-3.6	-4.8	-3.1
1999								
Mar. qtr	1.7	0.3	1.3	0.2	0.1	-2.7	-1.0	-1.5
June qtr	8.0	7.2	7.9	7.2	3.3	12.8	3.3	10.7
Sept. qtr	2.5	-2.4	2.5	-3.3	11.0	-10.1	10.2	-9.9
Dec. qtr	1.6	0.5	1.1	1.0	-3.4	-1.4	-2.7	-1.3
TREND ESTIMATES (% change from previous quarter)								
1998								
Sept. qtr	-2.7	-0.3	-2.2	—	-1.5	0.5	-1.2	1.0
Dec. qtr	-1.6	-1.9	-1.7	-1.5	-2.1	—	-2.0	0.5
1999								
Mar. qtr	1.5	-0.9	1.0	-0.8	0.2	0.7	-0.1	0.8
June qtr	4.2	1.5	3.8	1.4	3.9	0.5	3.5	0.3
Sept. qtr	4.0	1.6	3.9	1.3	4.5	-1.1	4.4	-1.5
Dec. qtr	3.1	0.5	2.7	0.3	3.6	-2.6	3.7	-2.9

**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									
1998 Sept. qtr	13,375	9,494	7,897	1,881	4,760	329	n.a.	515	38,596
Dec. qtr	11,459	9,379	7,443	1,800	4,515	357	n.a.	418	36,748
1999 Mar. qtr	12,504	9,737	6,790	1,780	4,388	350	n.a.	675	36,395
June qtr	12,417	10,439	7,119	1,963	4,752	339	n.a.	509	37,606
Sept. qtr	13,450	11,568	7,354	2,053	5,761	340	n.a.	555	41,447
Dec. qtr	11,592	11,031	7,953	2,081	5,404	378	n.a.	706	40,337
TREND ESTIMATES									
1998 Sept. qtr	12,574	9,374	8,001	1,786	4,672	357	566	421	37,770
Dec. qtr	12,283	9,486	7,349	1,806	4,509	348	519	518	37,006
1999 Mar. qtr	12,331	9,878	6,993	1,850	4,554	343	487	556	36,952
June qtr	12,599	10,520	7,094	1,929	4,913	345	445	568	38,237
Sept. qtr	12,656	11,073	7,414	2,029	5,335	351	412	599	39,901
Dec. qtr	12,303	11,407	7,834	2,106	5,683	363	397	629	41,358

**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)									
1998 Sept. qtr	6.8	1.4	-9.7	12.7	0.2	-17.6	-11.4	88.2	1.4
Dec. qtr	-14.3	-1.2	-5.8	-4.3	-5.1	8.4	17.6	-18.9	-4.8
1999 Mar. qtr	9.1	3.8	-8.8	-1.1	-2.8	-1.8	-21.3	61.5	-1.0
June qtr	-0.7	7.2	4.8	10.3	8.3	-3.2	-13.8	-24.7	3.3
Sept. qtr	8.3	10.8	3.3	4.6	21.2	0.4	16.5	9.1	10.2
Dec. qtr	-13.8	-4.6	8.1	1.3	-6.2	11.1	-23.0	27.2	-2.7
TREND ESTIMATES (% change from previous quarter)									
1998 Sept. qtr	-0.8	1.2	-7.7	0.2	-0.6	-4.3	-3.7	22.1	-1.2
Dec. qtr	-2.3	1.2	-8.1	1.1	-3.5	-2.7	-8.2	23.1	-2.0
1999 Mar. qtr	0.4	4.1	-4.8	2.5	1.0	-1.4	-6.2	7.4	-0.1
June qtr	2.2	6.5	1.4	4.3	7.9	0.8	-8.6	2.2	3.5
Sept. qtr	0.5	5.3	4.5	5.2	8.6	1.6	-7.5	5.4	4.4
Dec. qtr	-2.8	3.0	5.7	3.8	6.5	3.5	-3.7	5.0	3.7

**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>
<b>SEASONALLY ADJUSTED</b>									
1998 Sept. qtr	11,458	8,472	9,236	n.a.	4,341	419	n.a.	396	36,600
Dec. qtr	11,808	8,317	8,432	n.a.	4,045	369	n.a.	307	35,482
1999 Mar. qtr	11,558	8,345	6,900	n.a.	4,826	377	n.a.	488	34,960
June qtr	12,836	10,323	7,694	n.a.	4,622	359	n.a.	386	38,706
Sept. qtr	11,799	8,409	7,388	n.a.	4,245	382	n.a.	515	34,888
Dec. qtr	11,503	9,461	6,229	n.a.	4,162	359	n.a.	545	34,440
<b>TREND ESTIMATES</b>									
1998 Sept. qtr	11,294	8,419	8,850	1,705	4,243	411	535	360	35,806
Dec. qtr	11,724	8,530	8,248	1,828	4,401	384	546	379	35,997
1999 Mar. qtr	12,053	8,844	7,679	1,817	4,545	369	572	405	36,293
June qtr	12,150	9,166	7,336	1,761	4,545	369	554	448	36,387
Sept. qtr	12,004	9,270	7,068	1,754	4,379	369	508	494	35,860
Dec. qtr	11,731	9,241	6,730	1,789	4,118	366	467	527	34,822

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

<i>Period</i>	<i>New residential building</i>			<i>Alterations and additions to residential buildings</i>	<i>Non-residential building</i>		<i>Total building</i>		
	<i>Houses</i>		<i>Other residential building</i>		<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>	
	<i>Private sector</i>	<i>Total</i>							<i>Total</i>
<b>SEASONALLY ADJUSTED</b>									
1998 Sept. qtr	2,860.4	2,929.1	1,263.8	4,209.1	810.5	2,579.5	3,439.7	7,455.7	8,443.0
Dec. qtr	2,884.4	2,961.1	1,405.1	4,352.5	802.9	2,791.6	3,749.5	7,793.2	8,904.5
1999 Mar. qtr	2,983.7	3,051.2	1,367.1	4,420.9	833.3	2,630.5	3,620.9	7,756.4	8,884.9
June qtr	3,087.8	3,154.1	1,382.0	4,528.5	805.5	2,822.3	3,721.8	7,980.5	9,064.5
Sept. qtr	3,257.3	3,314.0	1,358.3	4,687.6	905.2	2,785.4	3,735.2	8,238.7	9,312.1
Dec. qtr	3,288.8	3,345.4	1,420.0	4,753.6	874.8	2,582.7	3,468.0	8,064.5	9,089.3
<b>TREND ESTIMATES</b>									
1998 Sept. qtr	2,879.9	2,945.3	1,318.4	4,265.5	805.9	2,609.5	3,515.2	7,534.5	8,582.4
Dec. qtr	2,899.6	2,971.9	1,362.0	4,331.9	808.6	2,681.0	3,614.7	7,673.2	8,754.9
1999 Mar. qtr	2,981.2	3,052.1	1,377.2	4,427.1	819.1	2,752.2	3,708.3	7,849.7	8,959.0
June qtr	3,102.2	3,166.7	1,378.3	4,545.1	841.2	2,759.7	3,704.1	7,994.3	9,092.8
Sept. qtr	3,216.3	3,275.6	1,381.0	4,658.1	867.5	2,728.7	3,647.7	8,103.6	9,168.2
Dec. qtr	3,317.6	3,373.0	1,400.4	4,771.0	889.9	2,678.4	3,574.5	8,190.7	9,221.6

**TABLE 13. VALUE OF BUILDING WORK COMMENCED**  
(\$ 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									
1998 Sept. qtr	2,962.8	3,053.7	1,309.2	4,386.3	789.4	n.a.	3,273.4	7,680.2	8,376.5
Dec. qtr	2,898.5	2,972.9	1,149.3	4,103.1	783.1	n.a.	3,319.9	6,989.8	8,144.9
1999 Mar. qtr	3,019.3	3,076.2	1,224.5	4,274.7	756.9	n.a.	2,850.3	6,979.9	7,917.5
June qtr	3,265.5	3,334.0	1,119.9	4,478.7	741.2	n.a.	2,857.2	7,396.8	8,158.4
Sept. qtr	3,421.7	3,467.4	1,797.1	5,290.4	880.3	n.a.	3,106.7	8,327.2	9,228.0
Dec. qtr	3,595.2	3,654.5	1,366.2	4,997.6	780.9	n.a.	2,783.2	7,451.0	8,495.0
TREND ESTIMATES									
1998 Sept. qtr	2,923.8	2,998.3	1,246.1	4,250.9	789.1	2,479.0	3,376.1	7,365.4	8,395.7
Dec. qtr	2,948.8	3,024.0	1,184.1	4,202.0	767.6	2,364.6	3,165.9	7,164.9	8,108.6
1999 Mar. qtr	3,046.7	3,113.6	1,200.1	4,307.8	766.5	2,249.1	2,990.4	7,168.5	8,077.2
June qtr	3,229.8	3,288.2	1,330.7	4,624.8	784.6	2,201.2	2,931.9	7,487.1	8,371.2
Sept. qtr	3,423.4	3,479.1	1,470.7	4,959.8	808.1	2,136.9	2,914.5	7,783.3	8,673.9
Dec. qtr	3,603.6	3,658.1	1,550.5	5,222.3	823.4	2,023.7	2,914.7	7,902.4	8,883.1

**TABLE 14. VALUE OF BUILDING WORK COMPLETED**  
(\$ 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									
1998 Sept. qtr	3,011.1	3,070.8	1,162.7	4,179.6	760.4	2,037.1	2,838.2	6,840.9	7,759.8
Dec. qtr	2,731.1	2,785.6	1,189.3	4,020.8	721.7	2,409.4	3,087.1	6,994.1	7,879.4
1999 Mar. qtr	2,818.5	2,903.8	1,050.5	3,912.3	818.8	3,175.4	3,884.3	7,650.4	8,577.8
June qtr	2,995.1	3,060.7	1,662.0	4,741.7	802.2	2,221.7	3,269.1	7,717.1	8,794.7
Sept. qtr	3,007.4	3,075.7	1,212.2	4,228.7	832.8	2,669.8	3,457.7	7,571.9	8,526.8
Dec. qtr	3,098.6	3,136.4	1,274.2	4,466.2	837.7	2,533.0	3,297.9	7,659.2	8,638.0
TREND ESTIMATES									
1998 Sept. qtr	2,758.2	2,906.5	1,078.7	3,979.6	735.6	2,229.9	3,013.7	6,811.3	7,720.9
Dec. qtr	2,781.9	2,909.9	1,169.1	4,078.8	753.5	2,504.4	3,236.1	7,169.0	8,073.6
1999 Mar. qtr	2,841.8	2,926.6	1,278.4	4,194.7	789.1	2,667.2	3,462.1	7,480.8	8,437.8
June qtr	2,939.5	3,002.2	1,346.2	4,333.5	812.4	2,644.6	3,504.6	7,646.3	8,639.4
Sept. qtr	3,030.4	3,091.2	1,352.7	4,435.7	829.6	2,544.3	3,402.2	7,672.1	8,671.5
Dec. qtr	3,103.5	3,144.5	1,310.1	4,483.0	835.7	2,480.3	3,285.7	7,628.1	8,612.2

**TABLE 15. NUMBER AND VALUE OF BUILDING COMMENCED: 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
<b>PRIVATE SECTOR</b>											
1996-97	84,645	34,975	3,439	123,060	9,263.1	3,488.4	12,751.5	2,497.3	15,248.8	8,792.8	24,041.6
1997-98	98,844	40,298	3,767	142,908	11,235.2	4,524.5	15,759.6	2,929.9	18,689.5	9,830.9	28,520.5
1998-99	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
1998 Sept. qtr	26,239	10,900	776	37,915	3,087.4	1,290.5	4,378.0	786.9	5,164.9	2,555.4	7,720.3
Dec. qtr	24,866	9,847	1,258	35,971	2,980.0	1,091.7	4,071.8	808.2	4,879.9	2,435.9	7,315.8
1999 Mar. qtr	22,404	10,005	831	33,240	2,758.5	1,152.1	3,910.6	655.6	4,566.2	2,097.2	6,663.4
June qtr	26,844	9,315	526	36,685	3,318.8	1,043.9	4,362.7	734.4	5,097.1	2,248.1	7,345.2
Sept. qtr	27,938	12,518	741	41,197	3,565.2	1,777.3	5,342.5	870.6	6,213.2	2,165.5	8,378.6
Dec. qtr	28,398	10,960	507	39,864	3,694.2	1,309.6	5,003.9	813.2	5,817.1	1,993.1	7,810.2
<b>PUBLIC SECTOR</b>											
1996-97	1,601	3,370	141	5,112	166.6	261.0	427.6	67.3	494.9	3,596.0	4,090.9
1997-98	1,920	2,894	59	4,873	201.0	220.3	421.4	98.4	519.8	4,456.4	4,976.2
1998-99	2,811	2,746	51	5,608	291.7	227.1	518.8	86.8	605.6	2,945.7	3,551.3
1998 Sept. qtr	1,087	711	10	1,808	103.5	56.0	159.6	24.9	184.5	563.9	748.4
Dec. qtr	676	528	31	1,235	73.5	43.6	117.1	18.8	135.9	924.8	1,060.7
1999 Mar. qtr	466	708	1	1,175	47.8	59.9	107.6	20.2	127.9	876.3	1,004.2
June qtr	582	799	9	1,390	66.9	67.6	134.5	22.9	157.4	580.6	738.0
Sept. qtr	534	904	24	1,462	59.5	74.7	134.2	36.3	170.5	805.7	976.2
Dec. qtr	508	454	5	967	57.5	40.1	97.7	10.3	108.0	823.1	931.1
<b>TOTAL</b>											
1996-97	86,246	38,345	3,580	128,172	9,429.8	3,749.4	13,179.1	2,564.6	15,743.7	12,388.8	28,132.5
1997-98	100,764	43,192	3,826	147,781	11,436.2	4,744.8	16,181.0	3,028.3	19,209.3	14,287.4	33,496.6
1998-99	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
1998 Sept. qtr	27,326	11,611	786	39,723	3,191.0	1,346.6	4,537.5	811.8	5,349.4	3,119.4	8,468.7
Dec. qtr	25,542	10,375	1,289	37,206	3,053.5	1,135.3	4,188.9	826.9	5,015.8	3,360.7	8,376.5
1999 Mar. qtr	22,870	10,713	832	34,415	2,806.2	1,212.0	4,018.2	675.9	4,694.1	2,973.5	7,667.6
June qtr	27,426	10,114	535	38,075	3,385.7	1,111.5	4,497.2	757.2	5,254.5	2,828.7	8,083.2
Sept. qtr	28,472	13,422	765	42,659	3,624.7	1,852.0	5,476.7	907.0	6,383.7	2,971.2	9,354.8
Dec. qtr	28,906	11,414	512	40,831	3,751.8	1,349.8	5,101.5	823.5	5,925.1	2,816.2	8,741.3



**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>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
<b>PRIVATE SECTOR</b>											
1996-97	953.5	1,651.4	1,068.0	1,674.8	1,253.1	391.4	69.1	516.0	873.7	341.8	8,792.8
1997-98	1,056.4	2,132.2	854.6	1,944.9	1,614.6	440.9	73.4	484.6	953.5	275.8	9,830.9
1998-99	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
1998 Sept. qtr	258.9	536.3	222.2	709.7	378.1	125.1	23.5	82.2	176.5	43.0	2,555.4
Dec. qtr	331.6	615.9	244.5	371.3	380.3	110.4	24.0	146.9	165.4	45.5	2,435.9
1999 Mar. qtr	170.8	586.1	181.8	313.8	344.7	93.5	28.5	162.6	182.0	33.4	2,097.2
June qtr	240.1	611.9	198.6	375.3	342.5	108.2	19.3	127.8	185.0	39.5	2,248.1
Sept. qtr	185.6	578.1	192.3	289.6	352.5	137.1	44.2	175.8	152.9	57.4	2,165.5
Dec. qtr	216.1	390.2	235.7	393.7	294.0	119.9	31.7	123.7	136.2	52.0	1,993.1
<b>PUBLIC SECTOR</b>											
1996-97	9.4	102.0	83.8	630.6	396.5	994.8	1.4	616.9	349.6	411.1	3,596.0
1997-98	5.9	27.7	15.7	442.1	789.7	858.7	0.1	1,353.4	497.0	466.2	4,456.4
1998-99	20.6	45.1	39.2	312.6	274.9	1,045.4	1.4	413.9	468.1	324.5	2,945.7
1998 Sept. qtr	1.8	5.7	10.6	81.7	39.8	237.2	—	70.0	60.7	56.4	563.9
Dec. qtr	1.9	31.7	3.3	74.2	93.2	282.3	0.6	118.8	206.7	112.1	924.8
1999 Mar. qtr	15.7	4.4	3.2	93.6	101.1	375.1	—	99.5	114.9	68.8	876.3
June qtr	1.2	3.3	22.1	63.0	40.9	150.7	0.8	125.6	85.8	87.2	580.6
Sept. qtr	0.4	9.2	2.1	81.5	72.5	212.3	—	183.4	104.5	139.9	805.7
Dec. qtr	19.2	3.2	6.8	83.2	54.1	273.0	—	135.1	39.2	209.2	823.1
<b>TOTAL</b>											
1996-97	962.9	1,753.4	1,151.8	2,305.4	1,649.6	1,386.2	70.5	1,132.9	1,223.3	752.9	12,388.8
1997-98	1,062.2	2,159.9	870.3	2,387.1	2,404.3	1,299.6	73.5	1,838.0	1,450.5	742.0	14,287.4
1998-99	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
1998 Sept. qtr	260.6	542.0	232.8	791.4	417.9	362.3	23.5	152.2	237.2	99.4	3,119.4
Dec. qtr	333.5	647.6	247.8	445.5	473.5	392.7	24.6	265.7	372.1	157.6	3,360.7
1999 Mar. qtr	186.5	590.5	185.0	407.4	445.9	468.6	28.5	262.2	296.8	102.2	2,973.5
June qtr	241.3	615.2	220.8	438.4	383.3	258.9	20.1	253.4	270.8	126.6	2,828.7
Sept. qtr	186.1	587.2	194.4	371.1	425.0	349.3	44.2	359.2	257.4	197.3	2,971.2
Dec. qtr	235.2	393.4	242.5	476.9	348.1	392.9	31.7	258.9	175.4	261.2	2,816.2

**TABLE 17. NUMBER AND VALUE OF BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL**

	<i>Number of dwelling units</i>				<i>Value (\$m)</i>						
	<i>New houses</i>	<i>New other residential building</i>	<i>Conversions etc.</i>	<i>Total dwelling units</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>											
1996-97	35,101	28,014	3,138	66,253	4,344.5	3,508.0	7,852.5	1,209.4	9,061.9	9,063.9	18,125.8
1997-98	40,444	33,390	3,489	77,322	5,233.5	4,796.6	10,030.0	1,529.0	11,559.0	9,709.4	21,268.4
1998-99	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
1998 Sept. qtr	41,182	34,323	3,186	78,691	5,393.4	4,969.5	10,362.9	1,647.0	12,009.9	10,383.7	22,393.6
Dec. qtr	40,154	32,910	3,848	76,912	5,327.0	4,854.2	10,181.3	1,674.0	11,855.3	9,909.2	21,764.5
1999 Mar. qtr	41,530	34,397	3,490	79,417	5,606.0	5,209.0	10,815.0	1,655.2	12,470.3	9,502.5	21,972.8
June qtr	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
Sept. qtr	46,815	35,501	3,212	85,528	6,549.8	5,538.5	12,088.2	1,800.6	13,888.8	9,769.6	23,658.4
Dec. qtr	48,039	37,922	2,928	88,889	6,842.4	5,579.1	12,421.5	1,750.5	14,172.0	8,841.5	23,013.5
<b>PUBLIC SECTOR</b>											
1996-97	547	1,589	153	2,289	60.5	133.3	193.7	31.1	224.9	3,377.0	3,601.9
1997-98	696	1,797	24	2,517	68.9	134.8	203.8	37.2	241.0	4,679.6	4,920.5
1998-99	1,000	1,656	11	2,667	101.5	138.9	240.4	26.3	266.7	4,561.9	4,828.6
1998 Sept. qtr	1,315	1,884	11	3,210	123.3	145.8	269.1	34.0	303.1	4,322.1	4,625.2
Dec. qtr	1,200	1,454	34	2,688	111.0	120.5	231.5	29.8	261.3	4,547.2	4,808.5
1999 Mar. qtr	1,033	1,383	24	2,440	95.1	115.0	210.1	26.1	236.1	4,668.8	4,905.0
June qtr	1,000	1,656	11	2,667	101.5	138.9	240.4	26.3	266.7	4,561.9	4,828.6
Sept. qtr	999	2,003	9	3,011	103.4	164.5	267.9	31.1	299.0	4,447.6	4,746.6
Dec. qtr	808	1,496	9	2,313	89.6	127.7	217.2	16.2	233.5	4,495.0	4,728.4
<b>TOTAL</b>											
1996-97	35,648	29,603	3,291	68,542	4,405.0	3,641.3	8,046.2	1,240.5	9,286.8	12,440.9	21,727.7
1997-98	41,140	35,187	3,513	79,839	5,302.4	4,931.4	10,233.8	1,566.2	11,800.0	14,389.0	26,189.0
1998-99	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
1998 Sept. qtr	42,497	36,207	3,197	81,901	5,516.7	5,115.3	10,631.9	1,681.0	12,313.0	14,705.7	27,018.7
Dec. qtr	41,354	34,364	3,882	79,600	5,438.1	4,974.7	10,412.7	1,703.8	12,116.6	14,456.5	26,573.0
1999 Mar. qtr	42,563	35,780	3,514	81,857	5,701.1	5,324.0	11,025.1	1,681.3	12,706.4	14,171.4	26,877.8
June qtr	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
Sept. qtr	47,814	37,504	3,221	88,539	6,653.2	5,703.0	12,356.2	1,831.7	14,187.9	14,217.2	28,405.1
Dec. qtr	48,847	39,418	2,937	91,202	6,931.9	5,706.8	12,638.7	1,766.8	14,405.5	13,336.4	27,741.9

**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>
<b>PRIVATE SECTOR</b>											
1996-97	1,434.9	1,789.1	672.3	1,315.2	1,106.2	193.4	69.1	455.5	1,769.7	258.6	9,063.9
1997-98	1,613.3	1,812.3	460.6	2,133.5	1,347.9	252.4	60.0	580.8	1,254.2	194.4	9,709.4
1998-99	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
1998 Sept. qtr	1,607.1	1,990.9	463.8	2,552.8	1,375.7	277.2	72.3	546.0	1,321.3	176.6	10,383.7
Dec. qtr	1,597.9	1,908.5	516.6	2,494.7	1,049.7	282.9	68.7	568.6	1,302.5	119.2	9,909.2
1999 Mar. qtr	1,742.6	2,002.7	498.2	2,280.9	1,001.1	252.0	82.1	572.4	946.8	123.7	9,502.5
June qtr	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
Sept. qtr	1,658.0	2,189.1	421.4	2,249.3	1,016.4	314.8	101.8	610.4	1,098.3	110.1	9,769.6
Dec. qtr	1,510.9	1,779.9	428.2	2,208.4	898.1	338.5	116.6	567.8	885.9	107.2	8,841.5
<b>PUBLIC SECTOR</b>											
1996-97	6.8	78.2	33.9	531.4	373.6	818.3	1.3	746.8	376.3	410.4	3,377.0
1997-98	1.4	13.7	6.3	510.6	723.4	791.7	—	1,667.7	492.5	472.2	4,679.6
1998-99	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
1998 Sept. qtr	1.1	11.2	12.3	364.2	723.0	843.5	—	1,498.1	420.6	447.9	4,322.1
Dec. qtr	1.8	35.9	10.0	308.9	710.9	963.8	0.6	1,439.4	578.5	497.4	4,547.2
1999 Mar. qtr	16.6	29.0	7.1	254.0	700.9	1,181.0	—	1,427.0	654.4	398.9	4,668.8
June qtr	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
Sept. qtr	0.1	27.7	23.6	218.7	672.3	1,175.6	0.8	1,498.1	481.3	349.4	4,447.6
Dec. qtr	18.7	26.0	8.1	192.0	681.0	1,256.4	—	1,478.1	362.4	472.2	4,495.0
<b>TOTAL</b>											
1996-97	1,441.6	1,867.4	706.2	1,846.5	1,479.8	1,011.7	70.4	1,202.2	2,146.0	669.0	12,440.9
1997-98	1,614.7	1,826.1	466.9	2,644.1	2,071.3	1,044.2	60.0	2,248.4	1,746.7	666.6	14,389.0
1998-99	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
1998 Sept. qtr	1,608.2	2,002.1	476.1	2,917.0	2,098.7	1,120.7	72.3	2,044.1	1,742.0	624.5	14,705.7
Dec. qtr	1,599.7	1,944.4	526.6	2,803.5	1,760.6	1,246.6	69.3	2,007.9	1,881.0	616.6	14,456.5
1999 Mar. qtr	1,759.2	2,031.7	505.3	2,534.9	1,701.9	1,432.9	82.1	1,999.5	1,601.1	522.7	14,171.4
June qtr	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
Sept. qtr	1,658.2	2,216.8	445.0	2,468.0	1,688.7	1,490.4	102.6	2,108.5	1,579.5	459.5	14,217.2
Dec. qtr	1,529.6	1,805.9	436.3	2,400.5	1,579.1	1,594.9	116.6	2,045.8	1,248.3	579.4	13,336.4

**TABLE 19. NUMBER AND VALUE OF BUILDING COMPLETED: 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
<b>PRIVATE SECTOR</b>											
1996-97	82,147	31,231	2,371	115,748	8,892.0	3,252.2	12,144.2	2,479.4	14,623.6	8,093.5	22,717.1
1997-98	92,991	34,228	3,349	130,568	10,486.7	3,572.3	14,059.0	2,738.7	16,797.7	10,003.5	26,801.2
1998-99	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
1998 Sept. qtr	25,346	9,586	1,079	36,011	2,965.5	1,146.1	4,111.6	730.1	4,841.7	1,948.4	6,790.1
Dec. qtr	25,728	11,157	594	37,480	3,066.6	1,255.0	4,321.5	785.3	5,106.9	3,042.8	8,149.7
1999 Mar. qtr	20,766	8,325	1,065	30,156	2,516.2	917.9	3,434.1	709.7	4,143.8	2,654.9	6,798.7
June qtr	25,020	10,731	940	36,691	2,997.1	1,499.5	4,496.6	769.6	5,266.2	2,097.5	7,363.7
Sept. qtr	24,160	9,550	552	34,263	2,958.3	1,196.8	4,155.1	798.3	4,953.4	2,552.0	7,505.4
Dec. qtr	27,122	8,489	788	36,399	3,478.4	1,339.3	4,817.8	910.2	5,728.0	3,202.4	8,930.4
<b>PUBLIC SECTOR</b>											
1996-97	1,578	4,440	89	6,107	158.2	342.2	500.5	61.8	562.3	3,171.0	3,733.3
1997-98	1,768	2,678	188	4,634	192.1	215.9	408.0	84.2	492.1	3,271.4	3,763.5
1998-99	2,485	2,870	64	5,419	259.4	218.8	478.3	97.3	575.6	3,225.4	3,801.0
1998 Sept. qtr	467	609	23	1,099	49.5	45.0	94.5	27.5	122.0	930.5	1,052.5
Dec. qtr	788	960	8	1,756	85.3	68.6	154.0	23.1	177.0	698.0	875.0
1999 Mar. qtr	616	775	11	1,402	62.7	61.4	124.1	23.9	148.1	800.9	949.0
June qtr	614	526	22	1,162	61.8	43.8	105.7	22.8	128.5	796.1	924.6
Sept. qtr	536	557	24	1,117	58.4	49.1	107.5	31.6	139.1	944.2	1,083.3
Dec. qtr	691	949	5	1,645	70.9	77.2	148.1	25.5	173.6	796.2	969.7
<b>TOTAL</b>											
1996-97	83,725	35,671	2,460	121,855	9,050.2	3,594.4	12,644.6	2,541.2	15,185.9	11,264.5	26,450.4
1997-98	94,759	36,906	3,537	135,202	10,678.8	3,788.2	14,467.0	2,822.8	17,289.8	13,274.9	30,564.8
1998-99	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
1998 Sept. qtr	25,813	10,195	1,102	37,110	3,015.1	1,191.0	4,206.1	757.6	4,963.7	2,878.9	7,842.6
Dec. qtr	26,516	12,117	602	39,236	3,151.9	1,323.6	4,475.5	808.4	5,283.9	3,740.8	9,024.7
1999 Mar. qtr	21,382	9,100	1,076	31,558	2,578.9	979.3	3,558.2	733.6	4,291.8	3,455.8	7,747.6
June qtr	25,634	11,257	962	37,853	3,058.9	1,543.4	4,602.3	792.4	5,394.7	2,893.6	8,288.3
Sept. qtr	24,696	10,107	576	35,380	3,016.7	1,245.9	4,262.6	829.8	5,092.5	3,496.1	8,588.6
Dec. qtr	27,813	9,438	793	38,044	3,549.3	1,416.5	4,965.9	935.7	5,901.6	3,998.6	9,900.1

**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>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
<b>PRIVATE SECTOR</b>											
1996-97	805.5	1,808.2	1,207.5	1,059.9	1,282.8	432.3	67.8	337.6	716.3	375.7	8,093.5
1997-98	1,044.9	2,287.7	1,118.6	1,270.6	1,413.1	399.2	87.1	403.8	1,618.7	359.9	10,003.5
1998-99	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
1998 Sept. qtr	233.4	397.2	231.1	303.8	370.7	103.7	13.7	121.4	114.7	58.7	1,948.4
Dec. qtr	324.1	765.1	195.6	463.1	730.8	107.0	29.3	136.2	188.0	103.6	3,042.8
1999 Mar. qtr	84.5	478.1	212.6	582.6	422.5	132.3	17.4	161.8	532.8	30.2	2,654.9
June qtr	229.6	530.6	239.4	371.0	275.9	103.1	24.2	161.4	117.4	45.0	2,097.5
Sept. qtr	379.3	571.8	249.1	457.4	471.3	84.1	19.8	109.8	139.4	70.0	2,552.0
Dec. qtr	377.6	884.9	232.9	568.3	428.3	101.3	21.3	174.6	359.8	53.5	3,202.4
<b>PUBLIC SECTOR</b>											
1996-97	5.2	70.8	56.9	702.2	315.4	949.8	0.3	524.8	198.7	347.0	3,171.0
1997-98	11.1	100.0	44.1	456.8	441.8	911.8	1.1	473.8	427.3	403.7	3,271.4
1998-99	4.6	35.5	21.9	602.2	352.3	758.2	0.6	631.9	312.8	505.4	3,225.4
1998 Sept. qtr	2.1	8.9	4.5	227.9	32.5	187.3	—	241.8	136.2	89.2	930.5
Dec. qtr	1.2	7.7	5.8	128.3	110.3	187.9	—	142.4	50.3	64.2	698.0
1999 Mar. qtr	0.9	11.5	6.2	149.6	114.2	165.7	0.6	133.4	49.0	169.8	800.9
June qtr	0.4	7.4	5.4	96.5	95.3	217.3	—	114.3	77.2	182.3	796.1
Sept. qtr	17.8	6.4	2.4	95.9	67.9	176.0	—	181.9	298.0	98.0	944.2
Dec. qtr	0.6	4.9	22.7	106.4	53.1	201.4	0.8	154.3	160.8	91.1	796.2
<b>TOTAL</b>											
1996-97	810.7	1,879.0	1,264.4	1,762.1	1,598.1	1,382.1	68.1	862.4	915.0	722.6	11,264.5
1997-98	1,056.0	2,387.7	1,162.7	1,727.4	1,854.8	1,311.0	88.3	877.6	2,046.0	763.6	13,274.9
1998-99	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
1998 Sept. qtr	235.5	406.1	235.6	531.8	403.2	291.1	13.7	363.2	250.9	147.9	2,878.9
Dec. qtr	325.3	772.8	201.4	591.4	841.0	294.8	29.3	278.6	238.3	167.8	3,740.8
1999 Mar. qtr	85.4	489.6	218.9	732.1	536.7	298.0	18.0	295.2	581.8	200.0	3,455.8
June qtr	230.0	538.0	244.8	467.4	371.2	320.3	24.2	275.7	194.7	227.3	2,893.6
Sept. qtr	397.1	578.1	251.5	553.2	539.2	260.1	19.8	291.8	437.4	168.0	3,496.1
Dec. qtr	378.2	889.8	255.6	674.7	481.4	302.7	22.1	328.9	520.6	144.6	3,998.6

**TABLE 21. VALUE OF BUILDING WORK DONE: 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>							
1996-97	9,126.0	3,448.0	12,574.0	2,502.9	15,076.9	9,413.3	24,490.2
1997-98	10,996.0	4,347.4	15,343.4	2,925.1	18,268.5	9,721.6	27,990.1
1998-99	11,811.2	5,187.9	16,999.0	3,155.5	20,154.6	10,824.7	30,979.2
1998 Sept. qtr	2,916.1	1,265.4	4,181.5	788.4	4,969.9	2,718.4	7,688.3
Dec. qtr	3,026.4	1,388.1	4,414.4	854.6	5,269.1	2,995.6	8,264.7
1999 Mar. qtr	2,778.4	1,223.0	4,001.4	726.6	4,728.1	2,369.7	7,097.8
June qtr	3,090.3	1,311.3	4,401.6	785.9	5,187.5	2,740.9	7,928.4
Sept. qtr	3,317.1	1,359.5	4,676.6	874.6	5,551.2	2,938.1	8,489.3
Dec. qtr	3,449.3	1,393.7	4,843.0	936.9	5,779.9	2,771.3	8,551.1
<b>PUBLIC SECTOR</b>							
1996-97	162.8	312.6	475.4	67.0	542.4	3,341.6	3,884.0
1997-98	192.3	192.6	384.9	85.5	470.4	3,607.1	4,077.4
1998-99	279.3	226.5	505.9	93.9	599.8	3,709.8	4,309.5
1998 Sept. qtr	72.8	65.1	137.9	27.9	165.8	823.2	989.0
Dec. qtr	81.2	51.5	132.7	22.7	155.4	995.0	1,150.4
1999 Mar. qtr	57.6	50.1	107.7	20.6	128.3	900.9	1,029.2
June qtr	67.7	59.8	127.5	22.7	150.2	990.8	1,141.0
Sept. qtr	61.2	68.6	129.8	36.3	166.1	905.8	1,071.8
Dec. qtr	60.3	60.8	121.1	17.8	138.9	918.8	1,057.6
<b>TOTAL</b>							
1996-97	9,288.8	3,760.6	13,049.4	2,569.9	15,619.3	12,754.9	28,374.2
1997-98	11,188.4	4,539.9	15,728.3	3,010.7	18,738.9	13,328.7	32,067.6
1998-99	12,090.5	5,414.4	17,504.9	3,249.4	20,754.3	14,534.4	35,288.7
1998 Sept. qtr	2,988.9	1,330.5	4,319.4	816.3	5,135.7	3,541.6	8,677.3
Dec. qtr	3,107.6	1,439.6	4,547.2	877.3	5,424.5	3,990.5	9,415.0
1999 Mar. qtr	2,836.0	1,273.2	4,109.2	747.2	4,856.4	3,270.6	8,127.0
June qtr	3,158.0	1,371.1	4,529.1	808.6	5,337.7	3,731.7	9,069.4
Sept. qtr	3,378.3	1,428.1	4,806.4	910.9	5,717.3	3,843.9	9,561.2
Dec. qtr	3,509.5	1,454.5	4,964.0	954.7	5,918.7	3,690.0	9,608.8

**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>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
<b>PRIVATE SECTOR</b>											
1996-97	994.2	2,016.7	1,162.5	1,268.9	1,407.5	396.6	77.1	405.0	1,268.6	416.2	9,413.3
1997-98	1,042.2	2,243.6	1,005.4	1,593.3	1,536.7	445.5	87.1	547.6	941.2	279.0	9,721.6
1998-99	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
1998 Sept. qtr	277.8	655.6	214.2	529.0	484.6	92.1	19.1	115.8	262.0	68.2	2,718.4
Dec. qtr	320.0	673.2	224.9	656.4	490.8	143.7	22.7	121.1	280.0	62.8	2,995.6
1999 Mar. qtr	267.7	470.2	229.3	513.3	362.8	116.2	22.5	124.2	221.0	42.7	2,369.7
June qtr	347.7	636.9	227.2	594.0	410.8	88.9	21.3	148.9	219.2	46.0	2,740.9
Sept. qtr	354.7	787.6	192.5	539.2	435.8	118.0	30.7	159.9	268.3	51.4	2,938.1
Dec. qtr	295.7	725.8	216.9	540.1	345.9	140.9	37.1	149.3	267.0	52.5	2,771.3
<b>PUBLIC SECTOR</b>											
1996-97	6.1	109.2	78.0	608.6	381.1	977.4	0.6	500.8	334.3	345.4	3,341.6
1997-98	10.1	59.0	20.5	537.8	444.7	944.5	0.6	740.5	429.6	419.8	3,607.1
1998-99	20.0	28.7	32.8	413.6	533.5	961.4	1.1	786.6	483.0	449.0	3,709.8
1998 Sept. qtr	2.0	7.3	8.9	113.5	114.8	208.6	—	159.0	102.1	107.0	823.2
Dec. qtr	1.8	6.5	5.2	95.1	156.1	272.3	0.5	216.5	105.3	135.7	995.0
1999 Mar. qtr	7.6	8.8	5.3	116.2	124.2	237.1	0.1	188.4	116.2	97.1	900.9
June qtr	8.6	6.1	13.5	88.9	138.4	243.5	0.5	222.7	159.5	109.2	990.8
Sept. qtr	1.8	8.6	11.6	82.6	126.1	241.4	0.3	186.9	146.0	100.3	905.8
Dec. qtr	5.6	5.9	3.8	76.8	134.1	266.2	0.1	227.4	105.5	93.5	918.8
<b>TOTAL</b>											
1996-97	1,000.3	2,125.9	1,240.5	1,877.5	1,788.6	1,374.0	77.7	905.8	1,602.9	761.6	12,754.9
1997-98	1,052.3	2,302.6	1,025.9	2,131.0	1,981.3	1,390.0	87.8	1,288.1	1,370.8	698.7	13,328.7
1998-99	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
1998 Sept. qtr	279.8	662.9	223.2	642.5	599.4	300.6	19.1	274.8	364.1	175.2	3,541.6
Dec. qtr	321.8	679.8	230.0	751.5	646.9	416.0	23.2	337.6	385.3	198.5	3,990.5
1999 Mar. qtr	275.2	478.9	234.5	629.5	487.0	353.3	22.6	312.5	337.3	139.8	3,270.6
June qtr	356.3	643.0	240.7	682.9	549.2	332.4	21.8	371.7	378.6	155.1	3,731.7
Sept. qtr	356.6	796.1	204.2	621.8	561.9	359.4	31.0	346.9	414.2	151.8	3,843.9
Dec. qtr	301.3	731.7	220.7	616.8	480.0	407.1	37.2	376.7	372.5	146.0	3,690.0

**TABLE 23. VALUE OF BUILDING WORK YET TO BE DONE AT END OF PERIOD: 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-residential building</i>	<i>Total building</i>
<b>PRIVATE SECTOR</b>							
1996-97	2,064.8	1,947.5	4,012.2	544.8	4,557.1	4,294.5	8,851.5
1997-98	2,476.9	2,489.9	4,966.8	683.2	5,650.0	5,256.8	10,906.8
1998-99	2,931.0	2,152.7	5,083.7	687.8	5,771.5	4,354.7	10,126.2
1998 Sept. qtr	2,690.2	2,560.0	5,250.3	744.8	5,995.0	5,179.5	11,174.5
Dec. qtr	2,670.3	2,324.6	4,994.9	717.5	5,712.4	4,761.1	10,473.5
1999 Mar. qtr	2,700.0	2,380.8	5,080.8	698.6	5,779.4	4,642.9	10,422.3
June qtr	2,931.0	2,152.7	5,083.7	687.8	5,771.5	4,354.7	10,126.2
Sept. qtr	3,211.4	2,761.7	5,973.1	759.1	6,732.3	3,897.4	10,629.7
Dec. qtr	3,533.5	2,749.0	6,282.5	683.0	6,965.4	3,401.4	10,366.8
<b>PUBLIC SECTOR</b>							
1996-97	26.1	53.6	79.7	15.6	95.3	1,703.7	1,799.0
1997-98	34.5	78.5	113.0	20.5	133.5	2,708.7	2,842.2
1998-99	47.9	75.4	123.3	13.0	136.3	2,152.2	2,288.6
1998 Sept. qtr	65.5	69.8	135.3	16.9	152.2	2,469.6	2,621.8
Dec. qtr	57.5	61.4	119.0	13.1	132.0	2,398.7	2,530.7
1999 Mar. qtr	47.3	67.4	114.7	12.7	127.4	2,453.9	2,581.3
June qtr	47.9	75.4	123.3	13.0	136.3	2,152.2	2,288.6
Sept. qtr	47.0	81.5	128.5	13.2	141.7	2,079.8	2,221.5
Dec. qtr	43.9	61.0	104.9	6.0	110.9	2,004.5	2,115.4
<b>TOTAL</b>							
1996-97	2,090.9	2,001.1	4,091.9	560.4	4,652.4	5,998.2	10,650.6
1997-98	2,511.4	2,568.4	5,079.8	703.7	5,783.5	7,965.6	13,749.0
1998-99	2,978.9	2,228.1	5,207.0	700.8	5,907.8	6,506.9	12,414.8
1998 Sept. qtr	2,755.7	2,629.8	5,385.5	761.7	6,147.2	7,649.1	13,796.3
Dec. qtr	2,727.8	2,386.1	5,113.9	730.6	5,844.5	7,159.8	13,004.2
1999 Mar. qtr	2,747.3	2,448.2	5,195.5	711.3	5,906.8	7,096.8	13,003.6
June qtr	2,978.9	2,228.1	5,207.0	700.8	5,907.8	6,506.9	12,414.8
Sept. qtr	3,258.4	2,843.2	6,101.7	772.3	6,873.9	5,977.3	12,851.2
Dec. qtr	3,577.4	2,810.0	6,387.4	689.0	7,076.4	5,405.8	12,482.2



**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>
<b>PRIVATE SECTOR</b>											
1996-97	852.2	901.2	282.1	835.7	450.6	112.4	34.7	261.9	482.6	81.1	4,294.5
1997-98	1,034.6	978.3	186.2	1,336.5	570.8	125.7	25.9	254.0	646.7	98.2	5,256.8
1998-99	869.7	1,057.8	174.2	963.2	365.0	138.9	44.4	290.9	406.9	43.7	4,354.7
1998 Sept. qtr	990.4	904.3	206.5	1,534.9	485.6	162.4	32.8	224.8	566.7	71.1	5,179.5
Dec. qtr	990.3	914.0	230.9	1,283.5	399.0	131.4	35.9	264.1	457.4	54.6	4,761.1
1999 Mar. qtr	951.9	1,016.3	196.0	1,139.2	411.4	116.6	44.4	305.6	414.7	46.7	4,642.9
June qtr	869.7	1,057.8	174.2	963.2	365.0	138.9	44.4	290.9	406.9	43.7	4,354.7
Sept. qtr	773.9	887.8	189.1	803.8	329.7	159.7	56.0	306.0	340.8	50.7	3,897.4
Dec. qtr	708.6	638.1	212.5	790.8	293.9	143.8	55.0	288.6	221.3	48.9	3,401.4
<b>PUBLIC SECTOR</b>											
1996-97	5.1	26.1	8.8	284.2	173.0	452.0	0.8	394.9	154.6	204.1	1,703.7
1997-98	0.8	2.6	4.7	193.2	520.0	412.6	—	1,054.2	269.2	251.4	2,708.7
1998-99	1.9	20.6	11.4	109.2	339.5	544.2	0.4	704.9	273.2	147.1	2,152.2
1998 Sept. qtr	0.5	1.6	6.3	170.1	437.4	443.2	—	969.6	231.5	209.4	2,469.6
Dec. qtr	0.6	27.5	4.6	148.0	379.4	478.9	0.1	837.6	334.5	187.3	2,398.7
1999 Mar. qtr	8.8	23.3	2.6	127.1	389.4	627.4	—	770.7	343.1	161.5	2,453.9
June qtr	1.9	20.6	11.4	109.2	339.5	544.2	0.4	704.9	273.2	147.1	2,152.2
Sept. qtr	0.1	21.1	1.8	112.5	259.5	530.4	0.1	731.5	239.8	182.9	2,079.8
Dec. qtr	13.7	18.4	5.2	115.5	187.3	546.4	—	638.4	176.3	303.3	2,004.5
<b>TOTAL</b>											
1996-97	857.3	927.3	290.9	1,119.9	623.6	564.4	35.5	656.8	637.2	285.2	5,998.2
1997-98	1,035.4	980.9	190.9	1,529.7	1,090.9	538.3	25.9	1,308.1	915.8	349.6	7,965.6
1998-99	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
1998 Sept. qtr	990.9	905.8	212.9	1,705.0	923.0	605.6	32.8	1,194.4	798.2	280.5	7,649.1
Dec. qtr	990.9	941.5	235.5	1,431.5	778.4	610.3	36.0	1,101.7	791.9	241.9	7,159.8
1999 Mar. qtr	960.7	1,039.6	198.6	1,266.3	800.9	744.1	44.4	1,076.3	757.8	208.2	7,096.8
June qtr	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
Sept. qtr	773.9	909.0	190.9	916.3	589.2	690.1	56.0	1,037.5	580.6	233.7	5,977.3
Dec. qtr	722.3	656.5	217.6	906.3	481.2	690.2	55.0	927.0	397.5	352.2	5,405.8

**TABLE 25. NUMBER AND VALUE OF BUILDING COMMENCED, BY STATE: 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
1998-99											
NSW	27,548	20,821	1,359	49,728	3,721.7	2,499.4	6,221.1	1,293.4	7,514.5	4,578.3	12,092.9
Vic.	29,165	8,307	1,566	39,038	3,502.6	993.7	4,496.3	987.2	5,483.5	3,046.7	8,530.2
Qld	20,150	8,962	213	29,325	2,311.6	776.6	3,088.2	286.5	3,374.7	2,208.2	5,582.9
SA	6,296	1,062	57	7,416	629.0	142.3	771.3	139.7	911.0	624.3	1,535.3
WA	15,948	2,407	92	18,447	1,773.6	264.7	2,038.4	226.7	2,265.0	1,129.9	3,394.9
Tas.	1,264	107	6	1,377	127.5	6.8	134.2	39.8	174.0	182.1	356.2
NT	1,427	532	15	1,974	196.4	56.7	253.1	29.6	282.6	197.5	480.2
ACT	1,364	615	133	2,112	174.2	65.1	239.3	69.0	308.3	315.2	623.5
<b>Australia</b>	<b>103,164</b>	<b>42,813</b>	<b>3,442</b>	<b>149,419</b>	<b>12,436.4</b>	<b>4,805.4</b>	<b>17,241.8</b>	<b>3,071.9</b>	<b>20,313.7</b>	<b>12,282.3</b>	<b>32,596.0</b>
SEPTEMBER QUARTER 1999											
NSW	7,368	6,203	214	13,785	1,045.9	959.3	2,005.1	362.1	2,367.3	1,362.1	3,729.4
Vic.	8,155	3,354	290	11,799	1,075.1	465.8	1,540.9	305.2	1,846.1	671.9	2,518.0
Qld	5,439	1,890	120	7,449	654.3	190.7	845.0	78.9	923.9	451.3	1,375.2
SA	1,792	369	5	2,166	186.9	64.2	251.2	42.6	293.8	109.3	403.1
WA	4,879	1,088	128	6,095	552.8	117.0	669.8	74.7	744.5	278.0	1,022.5
Tas.	301	18	4	323	30.8	1.5	32.2	11.7	43.9	36.6	80.5
NT	279	178	4	461	40.5	21.4	61.9	9.3	71.2	29.1	100.4
ACT	261	322	—	583	38.5	32.1	70.6	22.4	92.9	32.9	125.8
<b>Australia</b>	<b>28,472</b>	<b>13,422</b>	<b>765</b>	<b>42,659</b>	<b>3,624.7</b>	<b>1,852.0</b>	<b>5,476.7</b>	<b>907.0</b>	<b>6,383.7</b>	<b>2,971.2</b>	<b>9,354.8</b>
DECEMBER QUARTER 1999											
NSW	7,020	4,587	260	11,867	998.0	561.0	1,558.9	308.0	1,867.0	1,037.3	2,904.2
Vic.	8,699	2,554	181	11,434	1,183.7	337.9	1,521.6	276.1	1,797.7	659.8	2,457.5
Qld	5,704	2,602	40	8,346	712.2	274.5	986.7	98.1	1,084.8	533.6	1,618.4
SA	1,969	301	4	2,274	211.6	34.1	245.7	44.0	289.8	120.8	410.6
WA	4,522	859	19	5,400	521.6	82.9	604.4	59.8	664.3	351.3	1,015.6
Tas.	356	52	5	413	36.8	4.4	41.1	10.9	52.0	30.9	82.9
NT	244	148	1	393	35.3	17.0	52.3	7.1	59.4	48.3	107.7
ACT	392	311	2	705	52.7	38.0	90.6	19.5	110.1	34.2	144.3
<b>Australia</b>	<b>28,906</b>	<b>11,414</b>	<b>512</b>	<b>40,831</b>	<b>3,751.8</b>	<b>1,349.8</b>	<b>5,101.5</b>	<b>823.5</b>	<b>5,925.1</b>	<b>2,816.2</b>	<b>8,741.3</b>

**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>
1998-99											
NSW	394.6	824.6	311.1	1,126.6	670.7	374.2	53.0	299.9	411.9	111.8	4,578.3
Vic.	188.6	444.1	263.6	428.1	448.8	485.0	19.5	239.9	402.4	126.7	3,046.7
Qld	330.4	494.0	156.3	234.7	283.3	224.6	14.2	197.5	150.6	122.7	2,208.2
SA	25.3	129.4	43.9	61.1	91.0	142.2	2.1	59.9	43.8	25.7	624.3
WA	51.3	380.3	90.0	101.6	163.0	108.7	5.5	57.5	116.0	56.0	1,129.9
Tas.	1.3	25.8	15.0	29.6	19.1	21.9	1.3	58.2	4.2	5.6	182.1
NT	9.6	20.6	6.0	51.0	24.4	16.2	0.5	16.1	25.0	28.1	197.5
ACT	20.9	76.5	0.6	49.9	20.3	109.9	0.4	4.5	23.0	9.3	315.2
<b>Australia</b>	<b>1,021.9</b>	<b>2,395.3</b>	<b>886.4</b>	<b>2,082.7</b>	<b>1,720.6</b>	<b>1,482.6</b>	<b>96.7</b>	<b>933.4</b>	<b>1,177.0</b>	<b>485.8</b>	<b>12,282.3</b>
SEPTEMBER QUARTER 1999											
NSW	59.1	290.6	82.2	202.8	190.8	117.1	16.0	185.4	164.4	53.7	1,362.1
Vic.	48.1	119.0	69.5	83.6	118.6	86.0	12.6	71.7	31.8	31.0	671.9
Qld	52.7	90.4	18.2	45.1	46.8	73.8	0.3	81.2	26.8	16.0	451.3
SA	2.7	17.9	2.6	8.4	27.4	24.6	6.6	7.7	6.6	4.8	109.3
WA	18.2	50.6	18.4	15.9	29.0	34.3	8.1	10.4	9.3	83.8	278.0
Tas.	2.2	8.5	1.5	8.6	6.1	4.4	0.1	0.3	4.1	0.8	36.6
NT	3.1	2.7	1.4	3.0	1.6	6.8	0.5	2.4	0.6	7.0	29.1
ACT	—	7.6	0.5	3.8	4.7	2.4	—	0.1	13.7	0.2	32.9
<b>Australia</b>	<b>186.1</b>	<b>587.2</b>	<b>194.4</b>	<b>371.1</b>	<b>425.0</b>	<b>349.3</b>	<b>44.2</b>	<b>359.2</b>	<b>257.4</b>	<b>197.3</b>	<b>2,971.2</b>
DECEMBER QUARTER 1999											
NSW	173.3	129.3	91.3	186.1	140.9	101.6	11.9	95.3	79.3	28.4	1,037.3
Vic.	13.4	108.3	64.4	164.9	99.0	76.3	5.0	73.5	35.4	19.6	659.8
Qld	31.3	89.2	36.1	39.4	51.8	40.4	4.4	41.6	23.9	175.4	533.6
SA	7.3	18.6	9.4	23.3	14.2	14.7	4.2	16.8	9.8	2.6	120.8
WA	6.5	32.6	34.9	34.2	26.3	148.2	5.1	26.7	18.4	18.4	351.3
Tas.	1.1	7.6	5.6	3.3	3.4	1.1	0.2	2.0	4.6	2.0	30.9
NT	2.3	3.2	—	11.6	10.1	3.3	0.1	1.5	1.3	14.8	48.3
ACT	—	4.6	0.7	14.1	2.5	7.2	0.9	1.5	2.7	—	34.2
<b>Australia</b>	<b>235.2</b>	<b>393.4</b>	<b>242.5</b>	<b>476.9</b>	<b>348.1</b>	<b>392.9</b>	<b>31.7</b>	<b>258.9</b>	<b>175.4</b>	<b>261.2</b>	<b>2,816.2</b>

**TABLE 27. NUMBER AND VALUE OF BUILDING UNDER CONSTRUCTION AT END OF PERIOD, BY STATE: 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
1998-99											
NSW	12,912	20,076	1,830	34,818	1,982.4	3,183.1	5,165.6	912.4	6,078.0	6,991.4	13,069.4
Vic.	14,455	6,198	908	21,561	1,902.1	843.0	2,745.1	451.3	3,196.3	3,072.5	6,268.8
Qld	5,970	4,835	91	10,896	751.5	484.4	1,236.0	88.9	1,324.9	2,654.8	3,979.7
SA	2,422	567	5	2,994	271.9	96.4	368.4	56.2	424.6	404.3	828.9
WA	6,487	1,611	59	8,157	877.9	198.8	1,076.6	112.5	1,189.1	759.7	1,948.8
Tas.	995	122	4	1,121	95.1	8.1	103.2	20.2	123.4	90.5	213.9
NT	492	293	6	791	70.9	42.9	113.8	10.3	124.1	103.4	227.4
ACT	492	494	133	1,119	69.6	55.0	124.5	31.5	156.1	335.9	492.0
<b>Australia</b>	<b>44,225</b>	<b>34,196</b>	<b>3,036</b>	<b>81,457</b>	<b>6,021.3</b>	<b>4,911.8</b>	<b>10,933.1</b>	<b>1,683.3</b>	<b>12,616.4</b>	<b>14,412.6</b>	<b>27,028.9</b>
SEPTEMBER QUARTER 1999											
NSW	13,999	21,071	1,751	36,821	2,195.1	3,601.9	5,797.0	948.8	6,745.8	7,068.0	13,813.8
Vic.	15,667	7,844	991	24,502	2,122.8	1,107.0	3,229.8	531.2	3,761.0	2,955.3	6,716.2
Qld	5,750	4,729	169	10,648	766.1	481.5	1,247.7	90.2	1,337.8	2,471.8	3,809.6
SA	2,689	761	7	3,457	305.6	140.5	446.1	61.9	507.9	412.0	920.0
WA	7,839	2,156	161	10,156	1,039.2	268.3	1,307.5	124.2	1,431.7	793.0	2,224.7
Tas.	961	121	4	1,086	92.6	7.3	99.9	21.7	121.5	105.8	227.3
NT	417	270	5	692	59.4	40.6	100.0	12.6	112.6	75.8	188.4
ACT	492	552	133	1,177	72.4	55.9	128.4	41.2	169.5	335.4	505.0
<b>Australia</b>	<b>47,814</b>	<b>37,504</b>	<b>3,221</b>	<b>88,539</b>	<b>6,653.2</b>	<b>5,703.0</b>	<b>12,356.2</b>	<b>1,831.7</b>	<b>14,187.9</b>	<b>14,217.2</b>	<b>28,405.1</b>
DECEMBER QUARTER 1999											
NSW	13,736	20,688	1,660	36,084	2,182.3	3,360.2	5,542.4	868.5	6,411.0	6,616.5	13,027.5
Vic.	15,669	8,851	952	25,472	2,250.4	1,230.6	3,481.0	563.5	4,044.6	2,763.2	6,807.8
Qld	6,269	5,655	162	12,086	841.4	582.7	1,424.1	104.2	1,528.3	2,305.0	3,833.3
SA	2,881	811	8	3,700	329.1	146.0	475.1	62.1	537.2	378.2	915.4
WA	8,508	2,386	145	11,039	1,113.4	279.9	1,393.3	112.1	1,505.3	914.8	2,420.2
Tas.	936	156	4	1,096	90.6	11.9	102.5	19.6	122.2	59.3	181.5
NT	394	208	4	606	56.3	26.0	82.4	9.3	91.7	84.8	176.5
ACT	455	663	2	1,120	68.5	69.3	137.9	27.3	165.2	214.6	379.8
<b>Australia</b>	<b>48,847</b>	<b>39,418</b>	<b>2,937</b>	<b>91,202</b>	<b>6,931.9</b>	<b>5,706.8</b>	<b>12,638.7</b>	<b>1,766.8</b>	<b>14,405.5</b>	<b>13,336.4</b>	<b>27,741.9</b>

**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>
1998-99											
NSW	882.1	853.1	179.6	2,057.1	1,196.2	433.7	51.1	463.2	769.6	105.8	6,991.4
Vic.	499.2	420.8	120.9	190.2	291.4	485.8	14.4	243.5	669.5	136.7	3,072.5
Qld	303.2	398.6	123.4	126.3	157.0	166.7	5.1	1,136.6	127.7	110.2	2,654.8
SA	23.1	86.6	12.2	21.6	37.0	115.2	1.7	51.5	35.9	19.5	404.3
WA	58.0	290.8	43.2	54.9	73.3	62.2	3.8	47.1	85.6	40.8	759.7
Tas.	0.8	11.7	4.8	4.1	1.4	10.1	2.2	50.7	2.9	1.7	90.5
NT	9.2	4.7	3.6	38.3	17.2	1.0	0.3	11.9	6.0	11.2	103.4
ACT	20.6	108.5	0.2	64.1	9.0	109.3	1.4	10.4	5.2	7.2	335.9
<b>Australia</b>	<b>1,796.3</b>	<b>2,174.9</b>	<b>487.9</b>	<b>2,556.5</b>	<b>1,782.4</b>	<b>1,384.0</b>	<b>80.1</b>	<b>2,014.9</b>	<b>1,702.4</b>	<b>433.2</b>	<b>14,412.6</b>
SEPTEMBER QUARTER 1999											
NSW	827.0	956.0	183.5	2,079.0	1,174.5	427.6	53.4	621.8	645.7	99.6	7,068.0
Vic.	424.7	440.2	117.8	129.6	268.2	527.3	23.2	237.1	676.1	111.1	2,955.3
Qld	326.7	322.5	87.6	109.6	111.4	204.7	4.7	1,091.7	105.1	107.9	2,471.8
SA	7.4	93.0	12.5	20.1	43.2	121.5	8.1	47.8	37.2	21.2	412.0
WA	47.6	276.5	36.4	45.8	62.8	77.7	8.9	39.4	89.8	108.1	793.0
Tas.	2.1	16.2	5.1	9.4	3.8	13.3	2.2	46.5	6.5	0.6	105.8
NT	3.7	1.9	1.9	25.7	12.0	6.9	0.6	14.6	1.1	7.4	75.8
ACT	18.9	110.6	0.2	49.0	12.8	111.3	1.4	9.5	18.0	3.6	335.4
<b>Australia</b>	<b>1,658.2</b>	<b>2,216.8</b>	<b>445.0</b>	<b>2,468.0</b>	<b>1,688.7</b>	<b>1,490.4</b>	<b>102.6</b>	<b>2,108.5</b>	<b>1,579.5</b>	<b>459.5</b>	<b>14,217.2</b>
DECEMBER QUARTER 1999											
NSW	797.5	890.9	168.5	1,957.7	1,117.2	473.6	56.9	690.9	362.8	100.6	6,616.5
Vic.	390.1	313.8	109.6	203.2	272.5	485.0	21.3	217.0	668.3	82.3	2,763.2
Qld	275.8	224.8	79.1	90.3	97.6	202.5	7.8	997.3	92.8	237.1	2,305.0
SA	7.4	86.2	15.6	27.7	15.4	113.4	13.8	53.6	29.9	15.1	378.2
WA	38.5	245.3	55.5	62.4	45.1	206.3	12.4	60.4	69.4	119.5	914.8
Tas.	0.3	17.2	7.1	8.3	2.4	9.6	1.6	2.0	8.8	1.9	59.3
NT	5.2	1.8	—	12.2	17.5	8.5	0.4	16.1	1.5	21.5	84.8
ACT	14.7	25.9	0.8	38.6	11.4	96.1	2.3	8.6	14.8	1.4	214.6
<b>Australia</b>	<b>1,529.6</b>	<b>1,805.9</b>	<b>436.3</b>	<b>2,400.5</b>	<b>1,579.1</b>	<b>1,594.9</b>	<b>116.6</b>	<b>2,045.8</b>	<b>1,248.3</b>	<b>579.4</b>	<b>13,336.4</b>

**TABLE 29. NUMBER AND VALUE OF BUILDING COMPLETED, BY STATE: 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
1998-99											
NSW	26,318	19,967	1,489	47,774	3,431.0	2,647.8	6,078.8	1,307.0	7,385.8	5,057.0	12,442.8
Vic.	26,926	7,029	1,381	35,336	3,212.2	855.9	4,068.1	992.4	5,060.5	3,050.5	8,111.0
Qld	20,772	11,110	586	32,468	2,415.9	1,054.9	3,470.9	310.6	3,781.5	2,407.8	6,189.3
SA	6,138	889	127	7,154	614.8	100.4	715.2	153.2	868.4	639.4	1,507.8
WA	15,306	2,353	134	17,793	1,654.5	238.3	1,892.8	200.5	2,093.3	985.1	3,078.4
Tas.	1,356	162	6	1,524	138.6	10.5	149.1	37.4	186.4	177.5	364.0
NT	1,384	793	13	2,190	190.8	88.5	279.4	30.8	310.1	244.8	554.9
ACT	1,149	366	5	1,520	146.9	40.9	187.9	60.2	248.1	407.0	655.1
<b>Australia</b>	<b>99,345</b>	<b>42,669</b>	<b>3,742</b>	<b>145,757</b>	<b>11,804.8</b>	<b>5,037.3</b>	<b>16,842.1</b>	<b>3,092.0</b>	<b>19,934.2</b>	<b>12,969.1</b>	<b>32,903.2</b>
SEPTEMBER QUARTER 1999											
NSW	6,122	5,162	291	11,575	846.9	699.9	1,546.9	380.0	1,926.9	1,533.6	3,460.5
Vic.	6,939	1,702	205	8,846	852.9	222.3	1,075.3	235.3	1,310.5	846.2	2,156.7
Qld	5,643	2,047	42	7,732	642.9	199.8	842.6	79.3	922.0	639.2	1,561.2
SA	1,519	173	3	1,695	154.7	22.9	177.7	38.5	216.2	104.1	320.2
WA	3,528	534	26	4,088	398.1	48.8	446.9	64.5	511.4	254.6	766.0
Tas.	330	32	4	367	33.2	2.3	35.5	10.5	45.9	23.7	69.6
NT	354	201	5	560	52.5	23.4	75.9	7.2	83.1	56.5	139.6
ACT	261	256	—	517	35.5	26.5	62.0	14.5	76.6	38.3	114.8
<b>Australia</b>	<b>24,696</b>	<b>10,107</b>	<b>576</b>	<b>35,380</b>	<b>3,016.7</b>	<b>1,245.9</b>	<b>4,262.6</b>	<b>829.8</b>	<b>5,092.5</b>	<b>3,496.1</b>	<b>8,588.6</b>
DECEMBER QUARTER 1999											
NSW	7,268	4,961	349	12,578	1,029.1	860.8	1,889.9	418.3	2,308.1	1,689.5	3,997.7
Vic.	8,667	1,537	220	10,423	1,093.9	219.0	1,312.9	255.7	1,568.6	903.8	2,472.5
Qld	5,185	1,647	47	6,879	645.4	175.2	820.6	85.4	906.0	726.8	1,632.8
SA	1,778	251	3	2,032	191.9	31.1	223.0	45.2	268.2	154.9	423.1
WA	3,851	615	35	4,501	454.3	72.4	526.7	73.9	600.5	244.6	845.1
Tas.	369	17	5	391	39.1	1.1	40.2	12.9	53.1	78.8	131.9
NT	267	210	2	479	38.5	31.7	70.3	10.4	80.7	39.1	119.8
ACT	428	200	133	761	57.1	25.2	82.3	34.0	116.3	160.9	277.3
<b>Australia</b>	<b>27,813</b>	<b>9,438</b>	<b>793</b>	<b>38,044</b>	<b>3,549.3</b>	<b>1,416.5</b>	<b>4,965.9</b>	<b>935.7</b>	<b>5,901.6</b>	<b>3,998.6</b>	<b>9,900.1</b>

**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>
1998-99											
NSW	361.2	910.8	330.2	1,000.8	863.7	347.7	28.0	370.5	684.7	159.4	5,057.0
Vic.	131.1	487.3	294.3	524.9	605.6	328.5	16.7	305.1	142.5	214.4	3,050.5
Qld	321.0	411.0	110.0	284.6	293.7	255.4	22.3	247.8	227.5	234.5	2,407.8
SA	8.1	114.8	59.6	102.1	132.2	68.5	8.3	80.1	46.5	19.3	639.4
WA	46.1	179.4	82.3	111.2	156.1	110.0	5.2	164.7	91.6	38.5	985.1
Tas.	1.2	20.3	19.4	33.3	26.9	27.6	0.7	24.6	5.5	18.1	177.5
NT	1.0	30.4	4.4	31.6	57.4	24.6	0.3	9.7	30.1	55.3	244.8
ACT	6.6	52.6	0.5	234.2	16.6	41.8	3.8	10.4	37.2	3.3	407.0
<b>Australia</b>	<b>876.3</b>	<b>2,206.6</b>	<b>900.6</b>	<b>2,322.7</b>	<b>2,152.1</b>	<b>1,204.2</b>	<b>85.2</b>	<b>1,212.7</b>	<b>1,265.7</b>	<b>742.9</b>	<b>12,969.1</b>
SEPTEMBER QUARTER 1999											
NSW	165.4	199.0	85.1	269.2	221.5	130.3	11.6	61.0	332.3	58.2	1,533.6
Vic.	136.7	116.3	76.1	147.0	150.3	50.2	3.8	81.2	28.0	56.5	846.2
Qld	31.6	166.8	57.3	61.1	93.9	38.0	0.8	113.5	59.4	16.8	639.2
SA	19.5	12.1	2.7	9.8	20.8	17.7	0.1	12.6	5.6	3.1	104.1
WA	31.2	68.5	25.6	25.4	41.6	19.5	3.0	18.0	5.1	16.6	254.6
Tas.	0.9	4.4	1.2	3.3	3.7	3.0	0.2	4.5	0.5	1.9	23.7
NT	8.7	5.5	3.0	15.5	6.5	0.8	0.1	—	5.4	10.9	56.5
ACT	3.2	5.5	0.5	21.9	0.8	0.5	—	1.0	1.1	3.9	38.3
<b>Australia</b>	<b>397.1</b>	<b>578.1</b>	<b>251.5</b>	<b>553.2</b>	<b>539.2</b>	<b>260.1</b>	<b>19.8</b>	<b>291.8</b>	<b>437.4</b>	<b>168.0</b>	<b>3,496.1</b>
DECEMBER QUARTER 1999											
NSW	208.3	234.5	110.8	430.4	217.6	57.0	9.7	28.2	370.2	22.8	1,689.5
Vic.	49.0	267.8	74.0	92.8	97.0	123.9	8.5	93.5	46.5	50.9	903.8
Qld	89.2	187.3	44.5	60.7	69.4	47.2	1.0	141.6	37.2	48.8	726.8
SA	7.3	25.3	5.7	15.4	40.9	24.3	0.4	10.3	16.7	8.6	154.9
WA	17.0	74.6	14.9	17.6	43.2	19.8	1.6	5.8	40.8	9.4	244.6
Tas.	2.4	8.0	3.6	4.4	4.7	4.9	0.8	46.9	2.4	0.8	78.8
NT	0.8	3.0	2.0	25.0	4.7	1.8	0.3	0.1	0.9	0.7	39.1
ACT	4.2	89.3	0.1	28.5	3.9	23.9	—	2.4	6.0	2.6	160.9
<b>Australia</b>	<b>378.2</b>	<b>889.8</b>	<b>255.6</b>	<b>674.7</b>	<b>481.4</b>	<b>302.7</b>	<b>22.1</b>	<b>328.9</b>	<b>520.6</b>	<b>144.6</b>	<b>3,998.6</b>

**TABLE 31. VALUE OF BUILDING WORK DONE, BY STATE: 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>
1998-99							
NSW	3,589.1	2,995.7	6,584.8	1,447.6	8,032.4	5,963.5	13,995.9
Vic.	3,366.2	948.0	4,314.1	998.1	5,312.2	3,571.1	8,883.3
Qld	2,332.3	933.6	3,265.9	306.9	3,572.9	2,648.2	6,221.1
SA	614.6	123.1	737.7	147.7	885.4	571.6	1,457.0
WA	1,697.6	265.0	1,962.7	215.5	2,178.2	985.8	3,164.0
Tas.	134.3	7.8	142.1	39.3	181.4	177.3	358.7
NT	198.9	89.9	288.9	29.9	318.8	241.7	560.4
ACT	157.4	51.2	208.7	64.4	273.1	375.4	648.4
<b>Australia</b>	<b>12,090.5</b>	<b>5,414.4</b>	<b>17,504.9</b>	<b>3,249.4</b>	<b>20,754.3</b>	<b>14,534.4</b>	<b>35,288.7</b>
SEPTEMBER QUARTER 1999							
NSW	1,000.8	772.8	1,773.5	405.3	2,178.9	1,675.4	3,854.3
Vic.	993.5	312.6	1,306.2	272.1	1,578.2	883.3	2,461.6
Qld	647.6	178.6	826.1	72.6	898.8	660.4	1,559.2
SA	171.9	46.5	218.4	41.3	259.8	171.5	431.3
WA	443.7	76.6	520.3	74.7	594.9	321.4	916.3
Tas.	33.6	2.0	35.6	10.9	46.5	45.9	92.3
NT	46.7	18.3	65.0	8.3	73.3	29.1	102.4
ACT	40.5	20.8	61.3	25.6	87.0	56.8	143.7
<b>Australia</b>	<b>3,378.3</b>	<b>1,428.1</b>	<b>4,806.4</b>	<b>910.9</b>	<b>5,717.3</b>	<b>3,843.9</b>	<b>9,561.2</b>
DECEMBER QUARTER 1999							
NSW	966.6	788.0	1,754.6	406.4	2,160.9	1,566.0	3,726.9
Vic.	1,050.2	293.9	1,344.1	299.1	1,643.2	867.7	2,510.8
Qld	691.5	194.0	885.5	95.1	980.6	678.4	1,659.0
SA	188.8	39.3	228.2	45.9	274.0	141.1	415.1
WA	493.4	87.5	580.9	66.9	647.8	289.8	937.7
Tas.	36.0	2.3	38.3	11.8	50.2	39.7	89.9
NT	34.2	18.9	53.1	8.8	61.9	29.9	91.8
ACT	48.8	30.5	79.4	20.7	100.1	77.5	177.6
<b>Australia</b>	<b>3,509.5</b>	<b>1,454.5</b>	<b>4,964.0</b>	<b>954.7</b>	<b>5,918.7</b>	<b>3,690.0</b>	<b>9,608.8</b>



**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>
1998-99											
NSW	628.8	840.4	336.8	1,517.9	1,038.5	385.9	38.1	330.1	671.6	175.4	5,963.5
Vic.	239.0	632.1	270.0	513.4	565.6	470.9	16.9	275.0	389.8	198.3	3,571.1
Qld	266.2	509.2	167.2	252.5	308.4	245.3	17.8	516.9	194.0	170.7	2,648.2
SA	25.4	78.6	45.7	84.4	119.3	91.3	2.9	49.3	52.4	22.3	571.6
WA	57.7	268.0	87.5	103.9	165.6	104.7	6.1	59.6	91.7	40.9	985.8
Tas.	1.2	22.8	16.7	29.1	25.8	25.2	1.2	43.8	4.9	6.6	177.3
NT	8.1	23.7	3.9	56.8	40.3	22.7	0.3	10.6	27.8	47.5	241.7
ACT	6.6	89.8	0.5	148.3	19.0	56.5	3.5	11.2	33.0	6.9	375.4
<b>Australia</b>	<b>1,233.1</b>	<b>2,464.7</b>	<b>928.4</b>	<b>2,706.3</b>	<b>2,282.5</b>	<b>1,402.4</b>	<b>86.7</b>	<b>1,296.6</b>	<b>1,465.2</b>	<b>668.6</b>	<b>14,534.4</b>
SEPTEMBER QUARTER 1999											
NSW	151.5	297.5	71.2	398.7	283.8	116.8	17.6	102.6	205.5	30.1	1,675.4
Vic.	71.6	162.3	68.0	99.2	121.8	108.3	7.9	74.6	124.8	44.6	883.3
Qld	96.7	156.9	36.4	61.3	66.4	49.4	0.7	121.4	31.1	40.2	660.4
SA	3.9	32.7	3.9	16.1	42.0	35.9	1.1	17.3	11.0	7.9	171.5
WA	21.8	116.1	18.4	22.2	35.0	32.1	2.9	17.1	33.3	22.3	321.4
Tas.	1.3	11.1	2.8	7.0	5.5	4.2	0.5	10.8	1.6	1.0	45.9
NT	2.8	3.4	3.0	4.8	3.6	1.9	0.3	1.7	3.6	4.0	29.1
ACT	6.9	16.1	0.4	12.5	3.8	10.7	—	1.4	3.3	1.7	56.8
<b>Australia</b>	<b>356.6</b>	<b>796.1</b>	<b>204.2</b>	<b>621.8</b>	<b>561.9</b>	<b>359.4</b>	<b>31.0</b>	<b>346.9</b>	<b>414.2</b>	<b>151.8</b>	<b>3,843.9</b>
DECEMBER QUARTER 1999											
NSW	135.8	263.8	86.3	394.7	251.3	124.2	15.8	105.6	160.1	28.3	1,566.0
Vic.	42.2	173.2	72.1	105.5	111.3	121.4	11.4	65.2	133.9	31.4	867.7
Qld	93.4	140.1	26.4	58.1	63.8	56.5	2.2	164.2	31.0	42.7	678.4
SA	6.2	30.9	8.0	14.0	12.7	30.5	2.9	17.7	11.5	6.6	141.1
WA	10.7	87.5	22.1	21.5	27.0	51.5	4.3	14.6	21.1	29.6	289.8
Tas.	1.8	6.5	4.7	4.7	3.6	4.6	0.1	6.3	6.3	1.2	39.7
NT	1.3	3.3	0.9	5.3	6.7	4.6	0.4	1.7	1.4	4.4	29.9
ACT	9.9	26.5	0.3	12.9	3.7	13.8	0.1	1.3	7.3	1.7	77.5
<b>Australia</b>	<b>301.3</b>	<b>731.7</b>	<b>220.7</b>	<b>616.8</b>	<b>480.0</b>	<b>407.1</b>	<b>37.2</b>	<b>376.7</b>	<b>372.5</b>	<b>146.0</b>	<b>3,690.0</b>

**TABLE 33. VALUE OF BUILDING WORK YET TO BE DONE AT END OF PERIOD, BY STATE: 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>
1998-99							
NSW	1,004.9	1,385.2	2,390.0	363.6	2,753.7	3,001.8	5,755.5
Vic.	920.7	437.7	1,358.5	194.9	1,553.4	1,302.8	2,856.2
Qld	354.3	214.6	569.0	34.2	603.2	1,333.8	1,937.0
SA	132.1	44.8	176.9	26.5	203.4	248.4	451.8
WA	456.9	99.5	556.4	53.6	610.0	380.1	990.1
Tas.	42.6	3.8	46.4	8.4	54.8	36.2	91.0
NT	31.6	13.7	45.4	4.9	50.3	31.7	82.0
ACT	35.8	28.7	64.4	14.7	79.1	172.0	251.2
<b>Australia</b>	<b>2,978.9</b>	<b>2,228.1</b>	<b>5,207.0</b>	<b>700.8</b>	<b>5,907.8</b>	<b>6,506.9</b>	<b>12,414.8</b>
SEPTEMBER QUARTER 1999							
NSW	1,070.5	1,736.3	2,806.9	378.0	3,184.9	2,944.9	6,129.7
Vic.	1,002.0	612.6	1,614.6	238.3	1,852.9	1,148.8	3,001.7
Qld	364.6	231.1	595.7	42.2	637.9	1,134.2	1,772.1
SA	148.6	65.3	213.9	29.3	243.2	188.7	431.9
WA	572.9	142.6	715.5	55.6	771.1	346.8	1,118.0
Tas.	40.1	3.3	43.4	9.4	52.8	29.3	82.1
NT	25.9	16.6	42.5	6.2	48.6	31.5	80.2
ACT	33.8	35.5	69.3	13.3	82.5	153.1	235.6
<b>Australia</b>	<b>3,258.4</b>	<b>2,843.2</b>	<b>6,101.7</b>	<b>772.3</b>	<b>6,873.9</b>	<b>5,977.3</b>	<b>12,851.2</b>
DECEMBER QUARTER 1999							
NSW	1,119.9	1,567.4	2,687.3	310.0	2,997.3	2,617.3	5,614.6
Vic.	1,173.7	661.7	1,835.4	227.5	2,062.9	992.9	3,055.8
Qld	393.8	314.1	707.9	46.5	754.4	1,015.5	1,769.9
SA	175.2	62.5	237.8	28.8	266.6	169.1	435.7
WA	608.0	139.2	747.3	50.4	797.7	423.4	1,221.0
Tas.	41.5	6.7	48.2	8.5	56.7	22.0	78.7
NT	27.1	14.8	41.9	4.5	46.4	49.8	96.2
ACT	38.1	43.6	81.7	12.7	94.4	115.7	210.2
<b>Australia</b>	<b>3,577.4</b>	<b>2,810.0</b>	<b>6,387.4</b>	<b>689.0</b>	<b>7,076.4</b>	<b>5,405.8</b>	<b>12,482.2</b>

**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>
1998-99											
NSW	341.7	466.3	71.4	861.2	494.8	248.7	30.0	231.9	221.4	34.4	3,001.8
Vic.	281.0	131.0	48.6	76.8	92.7	190.1	8.0	103.5	323.1	48.1	1,302.8
Qld	206.0	198.3	33.8	70.7	56.8	63.9	2.7	569.3	62.7	69.6	1,333.8
SA	3.5	70.6	8.2	11.8	22.3	69.2	1.2	33.1	17.7	10.8	248.4
WA	20.9	163.5	18.1	26.7	27.1	29.2	1.1	24.0	47.8	21.7	380.1
Tas.	0.5	7.0	3.0	2.2	0.5	4.3	1.3	15.4	1.7	0.4	36.2
NT	2.1	1.8	2.3	3.7	4.4	0.2	0.3	10.6	3.5	2.8	31.7
ACT	15.9	39.8	0.1	19.5	5.8	77.5	0.3	8.0	2.2	3.0	172.0
<b>Australia</b>	<b>871.6</b>	<b>1,078.4</b>	<b>185.5</b>	<b>1,072.4</b>	<b>704.4</b>	<b>683.1</b>	<b>44.8</b>	<b>995.8</b>	<b>680.1</b>	<b>190.8</b>	<b>6,506.9</b>
SEPTEMBER QUARTER 1999											
NSW	300.4	476.7	89.9	753.6	411.9	256.1	26.3	349.0	224.5	56.5	2,944.9
Vic.	271.4	104.6	53.8	63.9	98.1	173.5	12.7	103.5	232.9	34.5	1,148.8
Qld	164.4	132.5	18.9	54.6	38.8	90.5	2.4	519.7	68.5	43.9	1,134.2
SA	3.4	56.5	7.3	4.1	7.5	57.3	6.7	24.8	13.6	7.7	188.7
WA	19.9	101.6	18.6	20.8	23.2	32.0	6.3	17.3	23.8	83.3	346.8
Tas.	1.4	4.7	1.6	3.7	1.1	6.3	1.0	4.9	4.2	0.3	29.3
NT	2.5	1.1	0.7	1.7	2.1	5.1	0.4	11.5	0.5	5.9	31.5
ACT	10.5	31.3	0.1	13.9	6.7	69.2	0.2	6.8	12.8	1.7	153.1
<b>Australia</b>	<b>773.9</b>	<b>909.0</b>	<b>190.9</b>	<b>916.3</b>	<b>589.2</b>	<b>690.1</b>	<b>56.0</b>	<b>1,037.5</b>	<b>580.6</b>	<b>233.7</b>	<b>5,977.3</b>
DECEMBER QUARTER 1999											
NSW	343.4	382.6	99.5	668.1	321.0	234.8	23.8	340.6	151.6	51.9	2,617.3
Vic.	243.6	72.8	47.5	124.7	88.0	133.7	7.8	111.8	137.7	25.2	992.9
Qld	109.3	82.0	28.4	37.6	30.5	79.0	4.2	402.8	62.4	179.2	1,015.5
SA	4.5	44.1	8.5	13.1	7.9	43.0	9.8	23.1	11.5	3.7	169.1
WA	17.1	57.6	30.5	33.5	21.7	129.0	7.1	29.5	22.9	74.5	423.4
Tas.	0.2	7.4	2.7	2.3	0.9	2.9	1.1	0.9	2.6	1.1	22.0
NT	3.5	0.7	—	8.0	5.6	3.8	0.1	11.3	0.4	16.3	49.8
ACT	0.6	9.3	0.5	19.1	5.5	64.0	1.0	6.9	8.3	0.3	115.7
<b>Australia</b>	<b>722.3</b>	<b>656.5</b>	<b>217.6</b>	<b>906.3</b>	<b>481.2</b>	<b>690.2</b>	<b>55.0</b>	<b>927.0</b>	<b>397.5</b>	<b>352.2</b>	<b>5,405.8</b>

**TABLE 35. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, BY STATE: DECEMBER QUARTER 1999  
(Percentage)**

State or Territory	New residential building			Value		
	Houses		Total	Alterations and additions to residential buildings	Total building	
	Number	Value	Number of dwelling units			
<b>COMMENCED</b>						
NSW	3.4	3.8	2.1	1.2	2.7	0.7
Vic.	3.0	2.9	2.3	2.4	5.1	1.4
Qld	2.9	2.6	2.0	2.3	5.2	1.5
SA	3.7	3.3	3.2	2.4	2.9	1.5
WA	4.2	4.0	3.6	3.5	6.3	2.2
Tas.	1.8	4.0	1.6	3.5	6.9	2.1
ACT	1.0	1.8	0.5	1.6	4.1	1.0
<b>Australia</b>	<b>1.5</b>	<b>1.6</b>	<b>1.1</b>	<b>1.0</b>	<b>0.7</b>	<b>0.6</b>
<b>UNDER CONSTRUCTION AT END OF PERIOD</b>						
NSW	2.5	2.6	1.0	1.0	5.0	0.5
Vic.	2.7	2.5	1.7	1.6	4.0	0.9
Qld	3.9	4.1	2.0	2.4	4.3	0.9
SA	3.1	3.1	2.4	2.2	6.0	1.2
WA	3.0	2.7	2.3	2.1	5.2	1.2
Tas.	1.9	2.0	1.7	1.8	5.0	1.1
ACT	1.2	1.2	0.5	0.6	5.3	0.4
<b>Australia</b>	<b>1.3</b>	<b>1.3</b>	<b>0.7</b>	<b>0.7</b>	<b>2.8</b>	<b>0.4</b>
<b>COMPLETED</b>						
NSW	3.6	4.0	2.2	2.5	5.3	1.2
Vic.	4.9	4.7	4.2	3.9	6.4	2.2
Qld	4.4	4.4	3.3	3.5	4.0	1.8
SA	4.2	4.3	3.7	3.7	6.9	2.1
WA	5.0	5.3	4.3	4.6	7.1	2.9
Tas.	2.6	2.4	2.4	2.4	5.8	0.9
ACT	1.2	1.2	0.8	0.9	3.8	0.5
<b>Australia</b>	<b>2.1</b>	<b>2.1</b>	<b>1.6</b>	<b>1.6</b>	<b>3.0</b>	<b>0.8</b>
<b>VALUE OF WORK DONE DURING PERIOD</b>						
NSW	..	2.5	..	1.4	3.8	0.8
Vic.	..	2.9	..	2.3	4.2	1.3
Qld	..	3.3	..	2.6	2.6	1.4
SA	..	3.0	..	2.5	4.8	1.5
WA	..	2.8	..	2.4	5.7	1.5
Tas.	..	1.6	..	1.5	3.7	0.8
ACT	..	1.0	..	0.6	4.2	0.6
<b>Australia</b>	<b>..</b>	<b>1.4</b>	<b>..</b>	<b>1.0</b>	<b>2.1</b>	<b>0.6</b>
<b>VALUE OF WORK YET TO BE DONE</b>						
NSW	..	3.1	..	1.3	4.3	0.7
Vic.	..	3.0	..	1.9	5.0	1.3
Qld	..	4.9	..	2.7	5.2	1.1
SA	..	3.9	..	2.9	7.0	1.6
WA	..	3.2	..	2.6	5.0	1.6
Tas.	..	2.2	..	1.9	6.8	1.3
ACT	..	1.5	..	0.7	6.6	0.5
<b>Australia</b>	<b>..</b>	<b>1.6</b>	<b>..</b>	<b>0.9</b>	<b>2.6</b>	<b>0.5</b>

## EXPLANATORY NOTES

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### INTRODUCTION

**1** This publication contains detailed results 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. The quarterly survey consists of two components:

- a sample survey of private sector jobs involving new house construction or alterations and additions valued at \$10,000 or more to houses
- a complete enumeration of jobs involving construction of new residential buildings other than private sector houses, all alterations and additions to residential buildings (other than private sector houses) with an approval value of \$10,000 or more, and all non-residential building jobs with an approval value of \$50,000 or more.

**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 house building activity, including alterations and additions to houses, are generally only available at the State, Territory and Australia levels. The Northern Territory has been completely enumerated since the June quarter 1991 and small area data are available on request. Also, data for regions below State and Territory level are available from the building approvals series compiled by the Australian Bureau of Statistics (ABS) and based on information reported by local government and other reporting authorities.

### 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.

### DEFINITIONS

**7** 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.

**8** 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.

**9** 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.).

**10** 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.

**11** 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.

**12** *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).

**13** *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.

**14** *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

**15** 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

**16** *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.

**17** *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.

**18** 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.

### BUILDING CLASSIFICATION *continued*

- *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

**19** Since the figures for private sector house building activity (including alterations and additions to private sector houses) 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 table 35.

**20** 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 per cent (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 per cent 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.

**21** 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

**22** 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. Details regarding the methods used in seasonally adjusting the series are available on request.

**23** 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. Each of the component series shown has 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. Further, the difference between independently seasonally adjusted series does not necessarily produce series which are optimal or even adequate adjustments of the similarly derived original series. Thus, the figures which can be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally adjusted total should not be used to represent seasonally adjusted public sector dwelling units.

**24** 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

**25** 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.

**26** 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.

**27** While the smoothing technique described in paragraphs 25 and 26 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 6345.

### CHAIN VOLUME MEASURES

**28** 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.

### CHAIN VOLUME MEASURES *continued*

**29** 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 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'.

**30** 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 1997–98). The reference year will be 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. 1997–98). 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).

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

### ACKNOWLEDGMENT

**32** 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*.

### UNPUBLISHED DATA AND RELATED PUBLICATIONS

**33** The ABS can also make available certain building approvals and activity data which are not published. Where it is not practicable to provide the required information by telephone, it can be provided via fax, photocopy, computer print-out, floppy disk and email. A charge may be made for providing unpublished information in these forms.

## EXPLANATORY NOTES *continued*

### UNPUBLISHED DATA AND RELATED PUBLICATIONS *continued*

**34** Users may also wish to refer to the following publications which are available on request:

*Building Activity, Australia: Dwelling Unit Commencements, Preliminary*  
(Cat. no. 8750.0) — issued quarterly

*Building Activity, Australia: Building Work Done, 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

*Price Index of Materials Used in Building Other Than House Building, Six State Capital Cities* (Cat. no. 6407.0) — issued quarterly

*Price Index of Materials Used in House Building, Six State Capital Cities*  
(Cat. no. 6408.0) — issued quarterly

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

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

### 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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- INTERNET* **www.abs.gov.au** the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
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