

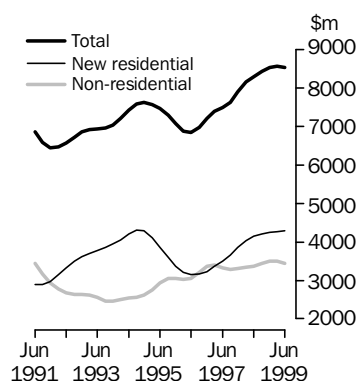
BUILDING ACTIVITY

AUSTRALIA

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Value of work done

Volume terms
Trend estimates



JUNE QTR KEY FIGURES

	<i>Jun qtr 99</i>	<i>Mar qtr 99 to Jun qtr 99</i>	<i>Jun qtr 98 to Jun qtr 99</i>
	<i>\$m</i>	<i>% change</i>	<i>% change</i>
TREND ESTIMATES (a)			
Value of work done	8 535.7	-0.5	2.8
New residential building	4 296.7	0.6	3.6
Alterations and additions to residential buildings	790.6	-1.0	-0.5
Non-residential building	3 436.0	-1.8	2.1

	<i>Jun qtr 99</i>	<i>Mar qtr 99 to Jun qtr 99</i>	<i>Jun qtr 98 to Jun qtr 99</i>
	<i>\$m</i>	<i>% change</i>	<i>% change</i>
SEASONALLY ADJUSTED (a)			
Value of work done	8 391.0	-2.7	1.0
New residential building	4 260.4	-1.0	1.4
Alterations and additions to residential buildings	771.2	-6.9	-1.9
Non-residential building	3 350.6	-3.9	1.3

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

JUNE QTR KEY POINTS

VALUE OF WORK DONE, VOLUME TERMS

TREND ESTIMATES

- Total building work done fell slightly (by 0.5%) in the June quarter 1999, the first decline in the trend estimate for three years. The estimate was 2.8% higher when compared with a year earlier.
- New residential building work done rose by 0.6%, continuing the growth of the last three years, although the rate of increase has been slowing over the last six quarters.
- Non-residential work done fell by 1.8%.

SEASONALLY ADJUSTED ESTIMATES

- Total building work done fell by 2.7% in the June quarter, the second successive quarterly fall.
- Non-residential work done has also fallen in each of the last two quarters, including a fall of 3.9% in the June quarter. In the residential sector, both new work done and alterations and additions declined in the June quarter, by 1.0% and 6.9% respectively.

ORIGINAL ESTIMATES

- Total building work done rose by 6.8% in the June quarter, with the new residential sector up by 6.6% and the non-residential sector up by 7.2%. Only the Australian Capital Territory recorded a fall in total work done (-7.4%), with Tasmania recording the largest increase (+12.8%), followed by Victoria (+10.2%) and Western Australia (+7.6%).

- For further information about these and related statistics, contact Roger Mables on Adelaide 08 8237 7494, or Client Services in any ABS office as shown on the back cover of this publication.

NOTES

FORTHCOMING ISSUES

ISSUE (Quarter)

RELEASE DATE

September 1999

19 January 2000

December 1999

17 April 2000

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CHANGES IN THIS ISSUE

Improvements have been made to the price indexes used to derive volume estimates in buildings, resulting in minor revisions to non-residential building growth rates in this issue.

Quarterly chain volume data incorporate a new base year, 1997–98, which has resulted in revisions to growth rates, small in most cases, for the latest year. The revised base year has also resulted in revisions to levels, but not growth rates, for some earlier periods (see paragraph 30 of the Explanatory Notes).

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SIGNIFICANT REVISIONS THIS QUARTER

The total number of dwelling units commenced during the March quarter 1999 has been revised upwards by 735 (2.2%) for Australia, including 514 (4.4%) in New South Wales and 146 (2.5%) in Queensland.

The total value of building work commenced during the March quarter 1999 has been revised upwards by \$217.6m or 2.9%, with residential building increasing by \$101.9m (2.2%) and non-residential building increasing by \$115.7m (4.0%). The main contributor to the residential revision was New South Wales \$69.1m (up by 3.9%) while non-residential revisions included Queensland \$45.0m (up by 7.4%), New South Wales \$36.9m (up by 4.0%) and the Australian Capital Territory \$14.7m (up by 11.3%).

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DATA NOTES

The 1998–99 figures for Queensland may be an underestimate (and hence, to a lesser extent, the Australian figures) as a result of possible under-reporting of building approvals by some councils in Queensland. For more information, see *Building Approvals, Australia* (Cat. no. 8731.0) July 1999 issue.

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BUILDING CLASSIFICATION REVIEW

For information about the building classification review see *Building Approvals, Australia* (Cat. no. 8731.0) July 1999 issue, page 26.

W. McLennan
Australian Statistician

VALUE OF WORK COMMENCED: Volume terms

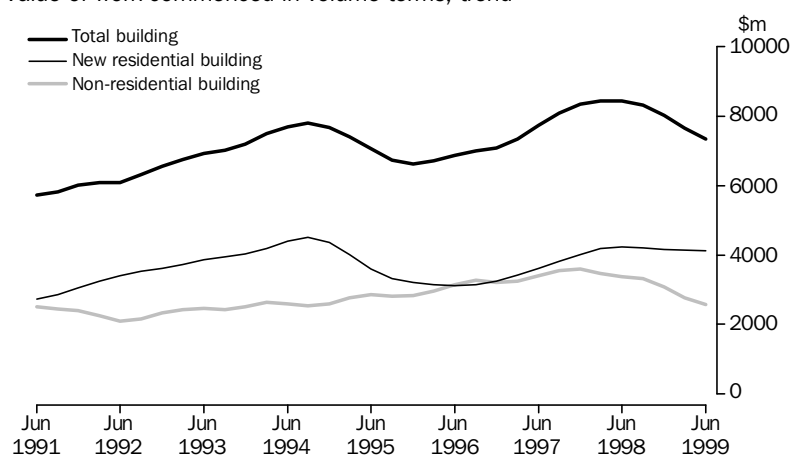
TREND ESTIMATES

	Jun qtr 99	Mar qtr 99 to Jun qtr 99	Jun qtr 98 to Jun qtr 99
	\$m	% change	% change
TREND ESTIMATES(a)			
Value of building work commenced	7 347.7	-3.8	-12.8
New residential building	4 123.8	-0.3	-2.6
Alterations and additions to residential buildings	714.2	-3.7	-9.2
Non-residential building	2 568.5	-7.1	-23.9

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

- The trend estimate for the total value of building work commenced fell by 3.8% in the June quarter. Each of the last four quarters recorded falls, the decline since the June quarter 1998 totalling 12.8%.
- Commencements of both new residential building work and alterations and additions to residential buildings fell during the June quarter (by 0.3% and 3.7% respectively).
- The value of non-residential commencements fell by 7.1% in the June quarter, and has now fallen for each of the last six quarters to the lowest level since the September quarter 1994.

Value of work commenced in volume terms, trend



SEASONALLY ADJUSTED ESTIMATES

- The total value of building work commenced fell by 3.6% to \$7,322.3m during the June quarter, the fourth successive quarterly fall. New residential commencements fell by 1.2%, with new houses up by 5.0% and other residential building down by 16.1%. Non-residential work commenced fell by 10.8% following a fall of 16.9% in the March quarter.

NUMBER OF DWELLING UNITS COMMENCED

	<i>Jun qtr 99</i>	<i>Mar qtr 99 to Jun qtr 99</i>	<i>Jun qtr 98 to Jun qtr 99</i>
	no.	% change	% change

TREND ESTIMATES

Dwelling units commenced			
New private sector houses	25 104	1.9	-2.2
Total dwelling units	35 774	-1.9	-6.5

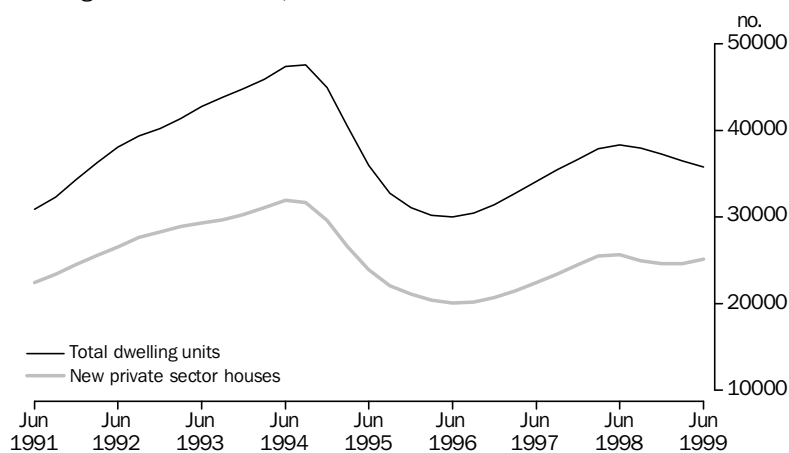
SEASONALLY ADJUSTED

Dwelling units commenced			
New private sector houses	25 837	5.8	1.3
Total dwelling units	36 181	-0.8	-4.4

TREND ESTIMATES

- After falling for the last half of 1998, the trend estimate for commencements of new private sector houses rose by 1.9% in the June quarter 1999.
- However, the total number of dwelling units commenced fell by 1.9% in the June quarter, the fourth successive quarterly fall. The June quarter level is 6.5% lower than a year earlier.

Dwelling units commenced, trend



SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, the total number of dwelling units commenced fell by 0.8% in the June quarter, while commencements of new private sector houses rose by 5.8%.

ORIGINAL ESTIMATES

- The total number of dwelling units commenced during the June quarter rose by 7.2% to 36,887. Although new houses rose by 17.0% to 26,747, other dwelling units fell by 12.2% to 10,141.

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

(\$ million)									
Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL									
1996-97	9,158.3	9,322.3	3,910.8	13,229.8	2,587.6	9,813.3	13,282.6	25,047.1	29,067.3
1997-98	10,996.0	11,188.4	4,540.0	15,728.3	3,010.8	9,721.6	13,328.7	27,990.1	32,067.6
1998-99	11,548.2	11,822.1	5,147.1	16,969.2	3,185.5	10,312.7	13,832.3	29,889.1	33,987.1
1998 Mar. qtr	2,641.8	2,680.0	1,071.1	3,751.5	698.7	2,259.2	3,095.9	6,612.0	7,546.4
June qtr	2,884.9	2,936.3	1,263.6	4,198.5	791.6	2,372.5	3,330.1	7,226.9	8,321.9
Sept. qtr	2,892.7	2,964.3	1,295.8	4,260.1	809.9	2,657.8	3,464.5	7,564.8	8,534.5
Dec. qtr	2,990.5	3,071.3	1,389.6	4,460.9	866.7	2,896.0	3,862.5	8,070.2	9,190.2
1999 Mar. qtr	2,721.2	2,777.7	1,214.0	3,991.7	731.8	2,272.1	3,139.8	6,870.9	7,863.3
June qtr	2,943.8	3,008.8	1,247.7	4,256.5	777.1	2,486.8	3,365.5	7,383.2	8,399.1
SEASONALLY ADJUSTED									
1998 Mar. qtr	2,846.3	2,893.3	1,141.0	4,042.3	791.5	2,523.8	3,437.4	7,230.1	8,274.0
June qtr	2,880.8	2,930.1	1,279.5	4,200.6	786.1	2,413.7	3,308.0	7,250.5	8,304.2
Sept. qtr	2,847.4	2,911.4	1,223.2	4,153.2	807.1	2,508.8	3,330.4	7,314.8	8,260.5
Dec. qtr	2,830.0	2,909.8	1,365.2	4,251.5	778.6	2,723.6	3,665.2	7,637.4	8,711.4
1999 Mar. qtr	2,930.3	2,997.3	1,293.7	4,304.0	828.6	2,541.8	3,486.2	7,520.9	8,624.1
June qtr	2,940.4	3,003.6	1,265.0	4,260.4	771.2	2,538.5	3,350.6	7,416.0	8,391.0
TREND ESTIMATES									
1998 Mar. qtr	2,820.3	2,868.4	1,158.2	4,027.0	778.5	2,445.5	3,345.7	7,130.5	8,154.9
June qtr	2,861.9	2,916.1	1,229.5	4,146.0	794.2	2,484.9	3,363.7	7,284.3	8,303.0
Sept. qtr	2,860.5	2,924.7	1,286.4	4,211.7	798.7	2,551.7	3,438.3	7,417.7	8,442.9
Dec. qtr	2,866.8	2,937.5	1,306.3	4,242.2	800.0	2,596.7	3,499.8	7,499.1	8,541.6
1999 Mar. qtr	2,900.7	2,971.0	1,302.7	4,271.5	798.3	2,598.3	3,499.1	7,525.1	8,575.7
June qtr	2,944.0	3,009.9	1,291.5	4,296.7	790.6	2,558.6	3,436.0	7,493.8	8,535.7

(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

TABLE 2. VALUE OF BUILDING WORK DONE, OTHER 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	0.3	11.7	10.3
1998-99	5.0	5.7	13.4	7.9	5.8	6.1	3.8	6.8	6.0
1998 Mar. qtr	-7.2	-7.6	-3.4	-6.5	-15.6	-11.6	-11.1	-9.2	-9.3
June qtr	9.2	9.6	18.0	11.9	13.3	5.0	7.6	9.3	10.3
Sept. qtr	0.3	1.0	2.5	1.5	2.3	12.0	4.0	4.7	2.6
Dec. qtr	3.4	3.6	7.2	4.7	7.0	9.0	11.5	6.7	7.7
1999 Mar. qtr	-9.0	-9.6	-12.6	-10.5	-15.6	-21.5	-18.7	-14.9	-14.4
June qtr	8.2	8.3	2.8	6.6	6.2	9.4	7.2	7.5	6.8
SEASONALLY ADJUSTED (% change from previous quarter)									
1998 Mar. qtr	5.7	5.4	5.1	5.9	6.4	5.4	4.3	5.2	5.1
June qtr	1.2	1.3	12.1	3.9	-0.7	-4.4	-3.8	0.3	0.4
Sept. qtr	-1.2	-0.6	-4.4	-1.1	2.7	3.9	0.7	0.9	-0.5
Dec. qtr	-0.6	-0.1	11.6	2.4	-3.5	8.6	10.1	4.4	5.5
1999 Mar. qtr	3.5	3.0	-5.2	1.2	6.4	-6.7	-4.9	-1.5	-1.0
June qtr	0.3	0.2	-2.2	-1.0	-6.9	-0.1	-3.9	-1.4	-2.7
TREND ESTIMATES (% change from previous quarter)									
1998 Mar. qtr	4.0	4.0	6.2	4.6	5.1	1.8	1.1	3.5	3.2
June qtr	1.5	1.7	6.2	3.0	2.0	1.6	0.5	2.2	1.8
Sept. qtr	—	0.3	4.6	1.6	0.6	2.7	2.2	1.8	1.7
Dec. qtr	0.2	0.4	1.5	0.7	0.2	1.8	1.8	1.1	1.2
1999 Mar. qtr	1.2	1.1	-0.3	0.7	-0.2	0.1	—	0.3	0.4
June qtr	1.5	1.3	-0.9	0.6	-1.0	-1.5	-1.8	-0.4	-0.5

(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							
ORIGINAL									
1996-97	9,300.5	9,468.0	3,909.6	13,378.2	2,588.0	9,149.8	12,884.0	24,594.8	28,836.2
1997-98	11,235.1	11,436.2	4,744.8	16,180.9	3,028.3	9,831.0	14,287.3	28,520.5	33,496.5
1998-99	11,859.4	12,146.1	4,588.8	16,734.9	3,005.9	8,756.1	11,584.0	27,912.2	31,325.0
1998 Mar. qtr	2,606.8	2,653.9	1,139.0	3,791.9	714.0	2,274.9	3,514.8	6,657.8	8,017.5
June qtr	2,986.8	3,038.8	1,234.9	4,274.1	794.7	2,455.6	3,516.5	7,361.2	8,586.7
Sept. qtr	3,064.9	3,167.7	1,312.5	4,480.2	806.1	2,492.6	3,047.6	7,596.7	8,334.0
Dec. qtr	2,942.3	3,015.3	1,098.0	4,113.3	815.8	2,366.1	3,264.9	7,161.3	8,194.1
1999 Mar. qtr	2,704.1	2,751.0	1,161.3	3,912.3	660.4	2,024.5	2,872.1	6,473.0	7,444.8
June qtr	3,148.1	3,212.1	1,017.0	4,229.1	723.6	1,872.9	2,399.4	6,681.2	7,352.1
SEASONALLY ADJUSTED									
1998 Mar. qtr	2,852.3	2,903.1	1,167.3	4,083.3	808.3	n.a.	3,301.6	6,865.6	8,189.0
June qtr	2,935.6	2,986.4	1,210.7	4,202.6	763.0	n.a.	3,516.0	7,357.2	8,546.1
Sept. qtr	2,980.9	3,073.6	1,318.2	4,390.3	791.6	n.a.	3,233.9	7,752.8	8,423.5
Dec. qtr	2,828.5	2,906.7	1,092.4	3,985.8	768.6	n.a.	3,247.5	6,837.4	7,985.4
1999 Mar. qtr	2,955.3	3,007.2	1,184.5	4,205.0	749.0	n.a.	2,697.3	6,650.5	7,593.7
June qtr	3,094.7	3,158.7	993.7	4,153.8	696.8	n.a.	2,405.5	6,671.3	7,322.3
TREND ESTIMATES									
1998 Mar. qtr	2,895.9	2,947.7	1,226.7	4,176.5	776.4	2,465.1	3,469.8	7,265.1	8,432.7
June qtr	2,933.8	2,998.7	1,233.9	4,235.7	786.3	2,502.6	3,374.7	7,377.7	8,429.5
Sept. qtr	2,913.8	2,989.2	1,225.6	4,214.4	784.0	2,472.4	3,326.3	7,331.0	8,334.9
Dec. qtr	2,918.0	2,992.4	1,184.9	4,175.3	766.1	2,287.9	3,081.3	7,081.7	8,019.8
1999 Mar. qtr	2,960.0	3,025.7	1,110.7	4,138.2	741.9	2,030.0	2,764.6	6,747.8	7,637.9
June qtr	3,035.4	3,090.3	1,033.0	4,123.8	714.2	1,901.2	2,568.5	6,512.5	7,347.7

(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		5.6	6.2	-3.3	3.4	-0.7	-10.9	-18.9	-2.1	-6.5
1998	Mar. qtr	-12.6	-12.4	-10.3	-11.8	-8.5	-19.7	-0.4	-14.7	-6.9
	June qtr	14.6	14.5	8.4	12.7	11.3	7.9	—	10.6	7.1
	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	-16.3	-8.2	1.2	-5.1	7.1	-5.7	-1.7
1999	Mar. qtr	-8.1	-8.8	5.8	-4.9	-19.1	-14.4	-12.0	-9.6	-9.1
	June qtr	16.4	16.8	-12.4	8.1	9.6	-7.5	-16.5	3.2	-1.2
SEASONALLY ADJUSTED (% change from previous quarter)										
1998	Mar. qtr	-0.5	-0.5	-7.9	-2.0	10.3	-19.2	-5.6	-8.1	-2.4
	June qtr	2.9	2.9	3.7	2.9	-5.6	16.9	6.5	7.2	4.4
	Sept. qtr	1.5	2.9	8.9	4.5	3.7	5.4	-8.0	5.4	-1.4
	Dec. qtr	-5.1	-5.4	-17.1	-9.2	-2.9	-16.6	0.4	-11.8	-5.2
1999	Mar. qtr	4.5	3.5	8.4	5.5	-2.6	-13.8	-16.9	-2.7	-4.9
	June qtr	4.7	5.0	-16.1	-1.2	-7.0	0.5	-10.8	0.3	-3.6
TREND ESTIMATES (% change from previous quarter)										
1998	Mar. qtr	4.2	4.3	3.9	4.3	3.2	0.5	-3.6	2.5	1.1
	June qtr	1.3	1.7	0.6	1.4	1.3	1.5	-2.7	1.6	—
	Sept. qtr	-0.7	-0.3	-0.7	-0.5	-0.3	-1.2	-1.4	-0.6	-1.1
	Dec. qtr	0.1	0.1	-3.3	-0.9	-2.3	-7.5	-7.4	-3.4	-3.8
1999	Mar. qtr.	1.4	1.1	-6.3	-0.9	-3.2	-11.3	-10.3	-4.7	-4.8
	June qtr	2.5	2.1	-7.0	-0.3	-3.7	-6.3	-7.1	-3.5	-3.8

(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>
NEW RESIDENTIAL BUILDING									
1996-97	4,856.3	2,646.9	3,149.5	490.5	1,508.9	194.1	184.5	198.2	13,229.8
1997-98	5,576.9	3,568.6	3,650.1	605.5	1,760.2	166.4	237.4	163.2	15,728.3
1998-99	6,317.5	4,211.4	3,192.9	708.8	1,910.7	141.8	284.9	201.1	16,969.2
1998 Mar. qtr	1,372.4	839.0	841.4	147.9	421.9	38.3	56.7	35.2	3,751.5
June qtr	1,516.7	991.9	930.4	155.3	461.8	39.7	64.9	39.0	4,198.5
Sept. qtr	1,560.7	1,011.5	910.0	175.8	450.5	34.6	69.5	47.5	4,260.1
Dec. qtr	1,609.7	1,115.1	884.7	183.7	493.4	38.5	89.4	46.4	4,460.9
1999 Mar. qtr	1,523.0	987.8	693.8	165.4	477.9	34.8	62.5	46.5	3,991.7
June qtr	1,624.1	1,097.0	704.4	183.9	488.9	33.9	63.5	60.7	4,256.5
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS									
1996-97	1,101.8	780.9	280.7	121.8	177.0	41.4	23.9	59.0	2,587.6
1997-98	1,336.5	911.4	315.0	131.5	193.4	41.4	26.4	54.8	3,010.8
1998-99	1,421.6	977.0	305.1	141.9	209.0	39.2	29.6	61.8	3,185.5
1998 Mar. qtr	308.4	212.9	67.9	30.8	52.4	10.0	5.5	10.8	698.7
June qtr	352.0	249.3	77.2	30.5	48.1	10.6	9.3	14.7	791.6
Sept. qtr	384.6	226.5	85.1	38.6	44.0	10.1	7.9	13.1	809.9
Dec. qtr	364.1	277.7	94.3	38.9	57.1	9.5	8.2	16.7	866.7
1999 Mar. qtr	340.4	219.3	61.9	31.8	51.0	8.7	6.0	12.7	731.8
June qtr	332.5	253.5	63.8	32.6	56.9	10.9	7.5	19.3	777.1
NON-RESIDENTIAL BUILDING									
1996-97	4,650.5	3,348.9	2,609.8	673.2	1,084.1	221.4	270.7	404.7	13,282.6
1997-98	5,198.6	2,960.4	2,595.6	685.0	1,135.2	159.1	212.4	382.6	13,328.7
1998-99	5,567.8	3,439.1	2,512.8	561.6	966.8	173.8	240.8	369.4	13,832.3
1998 Mar. qtr	1,226.0	685.8	608.4	148.9	262.9	37.3	48.9	78.4	3,095.9
June qtr	1,227.0	777.0	709.3	150.7	249.9	36.8	63.5	114.3	3,330.1
Sept. qtr	1,322.9	880.7	672.8	161.7	224.1	42.9	71.7	87.7	3,464.5
Dec. qtr	1,538.9	986.5	710.6	158.7	238.1	58.5	68.4	102.7	3,862.5
1999 Mar. qtr	1,301.6	757.8	531.4	129.2	231.9	32.0	49.8	106.0	3,139.8
June qtr	1,404.4	814.1	598.0	112.0	272.7	40.4	50.9	73.0	3,365.5
TOTAL BUILDING									
1996-97	10,604.4	6,766.4	6,032.0	1,284.6	2,768.9	456.7	480.3	662.1	29,067.3
1997-98	12,112.0	7,440.5	6,560.7	1,422.1	3,088.7	366.9	476.2	600.6	32,067.6
1998-99	13,307.2	8,627.6	6,010.9	1,412.2	3,086.6	355.0	555.4	632.4	33,987.1
1998 Mar. qtr	2,907.3	1,737.6	1,517.4	327.8	737.3	85.6	111.1	124.4	7,546.4
June qtr	3,098.3	2,018.2	1,716.0	336.5	760.0	87.1	137.7	167.9	8,321.9
Sept. qtr	3,268.2	2,118.7	1,667.9	376.0	718.7	87.7	149.1	148.4	8,534.5
Dec. qtr	3,512.8	2,379.4	1,689.7	381.3	788.6	106.6	166.0	165.8	9,190.2
1999 Mar. qtr	3,165.1	1,964.9	1,287.1	326.4	760.8	75.5	118.3	165.2	7,863.3
June qtr	3,361.1	2,164.6	1,366.2	328.5	818.5	85.2	122.0	153.0	8,399.1

(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>
NEW RESIDENTIAL BUILDING									
1996-97	4,929.9	2,730.9	3,181.6	498.8	1,481.1	165.4	192.1	195.5	13,378.2
1997-98	5,764.4	3,850.4	3,600.7	614.8	1,787.4	149.6	271.0	142.7	16,180.9
1998-99	6,026.1	4,389.9	2,976.9	742.1	1,980.9	134.3	250.0	234.8	16,734.9
1998 Mar. qtr	1,402.1	867.8	818.2	148.1	410.9	35.9	77.9	32.8	3,791.9
June qtr	1,461.1	1,080.1	923.7	149.6	510.7	36.6	78.8	33.1	4,274.1
Sept. qtr	1,677.4	1,118.4	840.0	179.3	510.4	29.3	64.4	61.0	4,480.2
Dec. qtr	1,371.6	1,053.8	780.3	223.9	512.7	37.7	82.8	50.6	4,113.3
1999 Mar. qtr	1,528.6	1,021.3	619.1	165.0	436.5	33.1	49.0	59.8	3,912.3
June qtr	1,448.5	1,196.4	737.5	173.9	521.3	34.2	53.8	63.4	4,229.1
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS									
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	1,267.1	963.7	284.3	134.3	218.9	39.9	29.5	68.4	3,005.9
1998 Mar. qtr	347.8	186.6	61.3	38.3	50.5	10.4	7.5	12.0	714.0
June qtr	353.1	251.6	81.8	29.7	44.9	9.0	8.9	15.5	794.7
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	292.0	239.1	61.4	35.6	59.6	11.8	7.4	16.6	723.6
NON-RESIDENTIAL BUILDING									
1996-97	5,117.1	3,020.8	2,228.0	576.4	1,174.1	164.8	219.2	383.3	12,884.0
1997-98	5,471.7	3,189.9	3,467.0	550.6	888.4	141.9	237.0	341.1	14,287.3
1998-99	4,321.9	2,898.9	1,982.9	615.1	1,081.5	180.4	192.5	310.9	11,584.0
1998 Mar. qtr	1,549.4	712.0	713.4	95.0	214.1	29.2	77.0	131.2	3,514.8
June qtr	1,180.2	786.3	982.4	168.3	202.4	44.6	61.9	87.3	3,516.5
Sept. qtr	1,469.9	642.0	400.3	130.0	211.6	56.5	84.0	53.2	3,047.6
Dec. qtr	1,073.5	1,027.8	565.8	133.2	330.1	46.1	40.4	48.0	3,264.9
1999 Mar. qtr	898.6	549.0	632.9	231.9	338.8	39.4	39.0	142.7	2,872.1
June qtr	879.9	680.1	383.9	120.0	201.0	38.4	29.1	67.0	2,399.4
TOTAL BUILDING									
1996-97	11,152.8	6,509.9	5,709.7	1,193.2	2,825.9	369.3	436.3	641.3	28,836.2
1997-98	12,619.9	7,931.4	7,378.0	1,299.9	2,863.9	331.4	534.2	537.9	33,496.5
1998-99	11,615.2	8,252.4	5,244.0	1,491.5	3,281.2	354.7	471.8	614.0	31,325.0
1998 Mar. qtr	3,294.6	1,766.4	1,593.8	281.6	675.4	75.5	162.5	175.6	8,017.5
June qtr	2,995.8	2,119.2	1,986.6	347.8	758.1	90.2	149.5	135.7	8,586.7
Sept. qtr	3,544.6	1,980.8	1,321.6	343.3	764.7	95.7	156.2	127.0	8,334.0
Dec. qtr	2,761.9	2,369.1	1,431.3	390.5	901.6	92.6	131.6	115.4	8,194.1
1999 Mar. qtr	2,688.2	1,786.9	1,308.3	428.2	833.0	81.9	93.7	224.6	7,444.8
June qtr	2,620.5	2,115.6	1,182.8	329.5	781.9	84.5	90.3	147.0	7,352.1

(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 Mar. qtr	25,555	22,961	26,065	23,235	36,222	32,577	37,370	33,493
June qtr	25,505	24,922	26,050	25,620	36,469	34,825	37,848	36,031
Sept. qtr	25,704	25,758	26,602	26,168	37,710	35,694	39,179	36,843
Dec. qtr	23,715	22,961	24,462	23,634	34,677	33,810	36,368	35,187
1999 Mar. qtr	24,413	22,870	24,937	23,483	35,327	33,053	36,480	34,690
June qtr	25,837	24,460	26,446	25,234	34,978	36,730	36,181	37,942
TREND ESTIMATES								
1998 Mar. qtr	25,531	23,708	26,057	24,141	36,589	33,201	37,871	34,256
June qtr	25,668	24,632	26,329	25,128	36,876	34,500	38,274	35,582
Sept. qtr	25,008	24,603	25,752	25,157	36,465	34,706	37,953	35,947
Dec. qtr	24,566	23,907	25,290	24,508	35,793	34,328	37,267	35,712
1999 Mar. qtr	24,642	23,435	25,278	24,093	35,137	34,399	36,472	35,829
June qtr	25,104	23,434	25,632	24,212	34,609	35,134	35,774	36,552

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 Mar qtr	2.0	0.4	1.9	-0.3	-0.5	2.0	-1.2	1.1
June qtr	-0.2	8.5	-0.1	10.3	0.7	6.9	1.3	7.6
Sept. qtr	0.8	3.4	2.1	2.1	3.4	2.5	3.5	2.3
Dec. qtr	-7.7	-10.9	-8.0	-9.7	-8.0	-5.3	-7.2	-4.5
1999 Mar. qtr	2.9	-0.4	1.9	-0.6	1.9	-2.2	0.3	-1.4
June qtr	5.8	7.0	6.1	7.5	-1.0	11.1	-0.8	9.4
TREND ESTIMATES (% change from previous quarter)								
1998 Mar. qtr	4.0	4.3	4.2	4.5	3.0	3.8	3.2	3.4
June qtr	0.5	3.9	1.0	4.1	0.8	3.9	1.1	3.9
Sept. qtr	-2.6	-0.1	-2.2	0.1	-1.1	0.6	-0.8	1.0
Dec. qtr	-1.8	-2.8	-1.8	-2.6	-1.8	-1.1	-1.8	-0.7
1999 Mar. qtr	0.3	-2.0	—	-1.7	-1.8	0.2	-2.1	0.3
June qtr	1.9	—	1.4	0.5	-1.5	2.1	-1.9	2.0

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 Mar. qtr	12,589	8,709	9,083	1,788	4,347	387	n.a.	349	37,370
June qtr	12,262	9,346	8,853	1,645	4,746	389	n.a.	243	37,848
Sept. qtr	13,433	9,662	7,808	1,906	4,927	334	n.a.	559	39,179
Dec. qtr	11,363	9,289	7,471	1,798	4,453	358	n.a.	381	36,368
1999 Mar. qtr	12,863	9,659	6,766	1,784	4,286	353	n.a.	793	36,480
June qtr	11,916	10,306	6,410	1,930	4,717	332	n.a.	433	36,181
TREND ESTIMATES									
1998 Mar. qtr	12,498	8,987	9,031	1,723	4,465	393	571	317	37,871
June qtr	12,647	9,273	8,689	1,780	4,711	371	578	346	38,274
Sept. qtr	12,566	9,416	8,040	1,791	4,715	357	569	434	37,953
Dec. qtr	12,384	9,545	7,386	1,819	4,575	350	535	538	37,267
1999 Mar. qtr	12,220	9,749	6,841	1,844	4,476	346	484	582	36,472
June qtr	12,025	10,052	6,401	1,862	4,483	343	419	561	35,774

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 Mar qtr	4.1	-1.0	0.6	2.3	2.3	-5.4	35.6	-4.1	-1.2
June qtr	-2.6	7.3	-2.5	-8.0	9.2	0.4	-17.6	-30.3	1.3
Sept. qtr	9.5	3.4	-11.8	15.9	3.8	-14.1	-7.4	129.9	3.5
Dec. qtr	-15.4	-3.9	-4.3	-5.7	-9.6	7.0	24.6	-31.8	-7.2
1999 Mar. qtr	13.2	4.0	-9.4	-0.8	-3.7	-1.3	-27.5	108.1	0.3
June qtr	-7.4	6.7	-5.3	8.2	10.1	-5.9	-17.4	-45.3	-0.8
TREND ESTIMATES (% change from previous quarter)									
1998 Mar. qtr	4.7	5.0	1.1	1.9	7.1	-4.7	3.4	-3.2	3.2
June qtr	1.2	3.2	-3.8	3.3	5.5	-5.7	1.3	9.0	1.1
Sept. qtr	-0.6	1.5	-7.5	0.6	0.1	-3.7	-1.6	25.5	-0.8
Dec. qtr	-1.4	1.4	-8.1	1.5	-3.0	-2.0	-6.0	23.8	-1.8
1999 Mar. qtr	-1.3	2.1	-7.4	1.4	-2.2	-1.2	-9.5	8.3	-2.1
June qtr	-1.6	3.1	-6.4	1.0	0.2	-0.8	-13.5	-3.6	-1.9

TABLE 11. NUMBER OF DWELLING UNITS COMPLETED BY STATE

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
SEASONALLY ADJUSTED									
1998 Mar. qtr	10,186	7,799	8,444	n.a.	4,025	469	n.a.	362	33,493
June qtr	11,193	8,749	8,808	n.a.	4,335	439	n.a.	353	36,031
Sept. qtr	11,105	8,595	9,530	n.a.	4,305	424	n.a.	406	36,843
Dec. qtr	12,184	8,147	8,274	n.a.	4,012	366	n.a.	307	35,187
1999 Mar. qtr	11,285	8,294	6,787	n.a.	4,847	382	n.a.	486	34,690
June qtr	12,986	9,776	7,485	n.a.	4,595	337	n.a.	369	37,942
TREND ESTIMATES									
1998 Mar. qtr	10,787	7,869	8,488	1,612	4,160	468	504	389	34,256
June qtr	11,043	8,390	8,952	1,603	4,202	443	509	362	35,582
Sept. qtr	11,268	8,476	8,940	1,708	4,238	412	531	363	35,947
Dec. qtr	11,669	8,407	8,251	1,816	4,352	386	553	386	35,712
1999 Mar. qtr	12,025	8,669	7,500	1,827	4,520	364	578	402	35,829
June qtr	12,457	9,177	6,943	1,768	4,711	350	578	408	36,552

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

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								
Period									
SEASONALLY ADJUSTED									
1998 Mar. qtr	2,854.7	2,901.9	1,149.0	4,058.0	794.7	2,540.7	3,459.7	7,265.3	8,315.5
June qtr	2,895.3	2,945.0	1,302.0	4,238.3	790.4	2,454.9	3,360.2	7,330.0	8,397.5
Sept. qtr	2,872.8	2,937.8	1,257.7	4,214.8	815.0	2,565.2	3,404.2	7,437.5	8,403.0
Dec. qtr	2,865.8	2,945.9	1,415.4	4,335.6	789.6	2,815.0	3,786.1	7,821.9	8,927.2
1999 Mar. qtr	2,993.4	3,061.5	1,357.2	4,431.2	847.6	2,648.0	3,630.9	7,767.9	8,914.7
June qtr	3,036.5	3,101.2	1,343.9	4,434.7	800.2	2,666.7	3,574.3	7,741.0	8,818.7
TREND ESTIMATES									
1998 Mar. qtr	2,827.3	2,875.6	1,167.0	4,042.4	781.1	2,461.0	3,365.0	7,162.9	8,192.4
June qtr	2,876.8	2,931.5	1,251.3	4,183.0	798.9	2,523.4	3,413.3	7,362.1	8,393.7
Sept. qtr	2,884.4	2,949.2	1,321.7	4,271.4	806.0	2,614.2	3,517.2	7,544.3	8,588.0
Dec. qtr	2,907.6	2,979.1	1,355.7	4,332.5	812.5	2,682.1	3,614.7	7,683.8	8,758.7
1999 Mar. qtr	2,964.9	3,036.3	1,366.7	4,399.2	817.8	2,706.1	3,658.8	7,775.5	8,882.7
June qtr	3,036.4	3,103.6	1,370.2	4,466.8	817.3	2,687.0	3,642.3	7,813.6	8,943.5

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 Mar. qtr	2,858.7	2,910.2	1,174.0	4,097.4	812.3	n.a.	3,338.1	6,884.5	8,234.7
June qtr	2,947.3	2,998.4	1,226.8	4,229.5	767.1	n.a.	3,571.8	7,413.6	8,618.8
Sept. qtr	3,003.5	3,096.5	1,352.5	4,446.1	798.0	n.a.	3,318.4	7,877.5	8,557.6
Dec. qtr	2,865.3	2,943.4	1,130.8	4,060.0	779.2	n.a.	3,351.1	6,988.2	8,163.4
1999 Mar. qtr	3,015.2	3,067.2	1,238.5	4,320.8	766.3	n.a.	2,799.1	6,852.2	7,822.3
June qtr	3,194.4	3,259.2	1,045.8	4,307.2	727.3	n.a.	2,523.9	6,947.7	7,621.1
TREND ESTIMATES									
1998 Mar. qtr	2,900.5	2,952.8	1,232.0	4,186.5	779.8	2,478.7	3,500.5	7,282.0	8,464.0
June qtr	2,946.3	3,011.6	1,252.2	4,266.0	791.0	2,544.7	3,435.7	7,443.1	8,512.6
Sept. qtr	2,935.6	3,011.1	1,256.9	4,266.4	790.2	2,536.6	3,409.4	7,441.7	8,464.3
Dec. qtr	2,957.5	3,032.0	1,226.5	4,256.0	778.0	2,368.0	3,187.9	7,240.9	8,202.8
1999 Mar. qtr	3,024.1	3,090.1	1,160.2	4,252.7	761.0	2,118.3	2,877.2	6,958.4	7,875.1
June qtr	3,129.9	3,184.9	1,087.5	4,271.3	737.1	1,948.9	2,624.2	6,752.1	7,587.0

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 Mar. qtr	2,628.3	2,674.3	951.5	3,620.3	823.8	2,199.9	3,269.5	6,425.4	7,537.9
June qtr	2,828.4	2,884.3	972.9	3,816.5	690.2	2,168.1	3,096.4	6,719.0	7,673.1
Sept. qtr	2,992.0	3,040.7	1,151.0	4,231.7	768.3	2,051.9	2,794.3	6,800.3	7,712.7
Dec. qtr	2,703.2	2,773.8	1,182.6	3,966.3	698.3	2,387.5	3,051.2	6,964.0	7,831.2
1999 Mar. qtr	2,792.5	2,872.5	1,069.2	3,934.9	848.9	3,299.0	4,074.7	7,712.0	8,649.7
June qtr	2,981.8	3,041.2	1,615.0	4,587.5	784.8	2,016.5	3,056.7	7,461.0	8,537.2
TREND ESTIMATES									
1998 Mar. qtr	2,691.6	2,739.1	947.2	3,681.0	748.1	2,343.4	3,262.6	6,657.1	7,666.4
June qtr	2,819.5	2,870.0	1,024.9	3,887.9	746.2	2,068.7	2,996.4	6,614.0	7,614.4
Sept. qtr	2,850.9	2,909.3	1,077.2	3,996.8	736.7	2,236.4	3,010.2	6,816.4	7,726.7
Dec. qtr	2,827.5	2,894.0	1,149.0	4,050.8	755.0	2,520.2	3,245.2	7,133.2	8,032.5
1999 Mar. qtr	2,830.9	2,901.4	1,267.4	4,153.0	788.9	2,643.2	3,451.5	7,410.7	8,364.5
June qtr	2,879.5	2,950.5	1,412.3	4,328.8	809.0	2,575.7	3,513.1	7,628.2	8,654.5

TABLE 15. NUMBER AND VALUE OF BUILDING COMMENCED: ORIGINAL

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Con-versions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
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	99,681	39,602	3,391	142,673	12,075.2	4,541.3	16,616.5	2,983.6	19,600.1	9,049.7	28,649.8
1998 Mar. qtr	23,427	9,876	720	34,023	2,612.1	1,097.9	3,710.0	688.3	4,398.3	2,285.3	6,683.6
June qtr	25,838	10,172	1,057	37,066	2,998.5	1,179.5	4,177.9	757.0	4,935.0	2,487.6	7,422.6
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	26,172	8,850	526	35,547	3,249.2	1,007.0	4,256.2	732.9	4,989.1	1,961.2	6,950.3
PUBLIC SECTOR											
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	2,804	2,703	51	5,558	290.5	220.6	511.0	86.8	597.9	2,915.4	3,513.3
1998 Mar. qtr	455	692	22	1,169	47.4	48.8	96.3	27.2	123.4	1,255.0	1,378.4
June qtr	516	1,004	5	1,525	52.1	72.4	124.5	40.1	164.6	1,071.8	1,236.4
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	575	756	9	1,340	65.7	61.1	126.7	22.9	149.6	550.3	699.9
TOTAL											
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	102,485	42,305	3,442	148,231	12,365.6	4,761.9	17,127.5	3,070.4	20,197.9	11,965.1	32,163.1
1998 Mar. qtr	23,882	10,568	742	35,192	2,659.5	1,146.7	3,806.2	715.5	4,521.7	3,540.3	8,062.0
June qtr	26,354	11,176	1,062	38,591	3,050.6	1,251.9	4,302.5	797.1	5,099.6	3,559.4	8,659.0
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	26,747	9,606	535	36,887	3,314.9	1,068.0	4,382.9	755.8	5,138.7	2,511.6	7,650.3

**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>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
PRIVATE SECTOR											
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	982.3	2,196.4	834.6	1,750.2	1,418.0	418.2	95.1	484.7	708.8	161.4	9,049.7
1998 Mar. qtr	270.3	498.1	209.1	324.3	459.4	86.0	20.6	196.8	148.9	71.8	2,285.3
June qtr	181.1	634.9	187.7	563.1	436.1	130.6	12.5	88.8	164.2	88.7	2,487.6
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	221.1	458.1	186.1	355.5	314.8	89.2	19.1	92.9	184.9	39.5	1,961.2
PUBLIC SECTOR											
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	310.6	271.5	1,028.7	1.4	413.9	468.0	316.5	2,915.4
1998 Mar. qtr	1.2	6.5	1.3	80.2	492.7	264.1	—	208.9	87.4	112.6	1,255.0
June qtr	1.7	3.1	5.2	108.4	67.3	203.4	—	519.2	57.7	105.8	1,071.8
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	61.0	37.4	134.0	0.8	125.6	85.7	79.2	550.3
TOTAL											
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	1,002.9	2,241.6	873.8	2,060.8	1,689.5	1,446.9	96.5	898.6	1,176.8	477.8	11,965.1
1998 Mar. qtr	271.4	504.7	210.4	404.5	952.1	350.2	20.6	405.7	236.4	184.4	3,540.3
June qtr	182.8	638.0	192.9	671.5	503.4	333.9	12.5	608.1	221.8	194.5	3,559.4
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	222.3	461.4	208.2	416.5	352.2	223.2	20.0	218.6	270.6	118.6	2,511.6

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

	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
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	43,442	32,305	3,068	78,815	5,962.9	4,774.3	10,737.2	1,670.1	12,407.3	9,699.1	22,106.3
1998 Mar. qtr	39,399	31,716	3,168	74,283	4,952.8	4,420.5	9,373.3	1,392.2	10,765.5	9,128.6	19,894.0
June qtr	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
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	43,442	32,305	3,068	78,815	5,962.9	4,774.3	10,737.2	1,670.1	12,407.3	9,699.1	22,106.3
PUBLIC SECTOR											
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	1,003	1,674	11	2,688	101.2	139.8	241.0	26.5	267.6	4,551.0	4,818.6
1998 Mar. qtr	711	1,348	22	2,081	73.9	104.1	177.9	26.4	204.3	4,242.3	4,446.6
June qtr	696	1,797	24	2,517	68.9	134.8	203.8	37.2	241.0	4,679.6	4,920.5
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	1,003	1,674	11	2,688	101.2	139.8	241.0	26.5	267.6	4,551.0	4,818.6
TOTAL											
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	44,445	33,979	3,079	81,503	6,064.1	4,914.1	10,978.2	1,696.6	12,674.8	14,250.1	26,924.9
1998 Mar. qtr	40,110	33,064	3,190	76,364	5,026.7	4,524.5	9,551.2	1,418.5	10,969.8	13,370.9	24,340.6
June qtr	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
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	44,445	33,979	3,079	81,503	6,064.1	4,914.1	10,978.2	1,696.6	12,674.8	14,250.1	26,924.9

**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>
PRIVATE SECTOR											
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	1,762.2	2,087.2	458.4	2,306.2	1,073.7	241.1	80.0	523.0	1,043.5	123.9	9,699.1
1998 Mar. qtr	1,616.6	1,640.6	530.4	1,907.8	1,251.2	218.2	84.0	580.8	1,125.6	173.4	9,128.6
June qtr	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
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	1,762.2	2,087.2	458.4	2,306.2	1,073.7	241.1	80.0	523.0	1,043.5	123.9	9,699.1
PUBLIC SECTOR											
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	18.1	24.9	23.9	227.5	691.7	1,121.4	0.8	1,472.0	666.9	303.9	4,551.0
1998 Mar. qtr	5.4	15.9	3.8	520.9	696.4	791.1	—	1,291.9	472.0	444.8	4,242.3
June qtr	1.4	13.7	6.3	510.6	723.4	791.7	—	1,667.7	492.5	472.2	4,679.6
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	18.1	24.9	23.9	227.5	691.7	1,121.4	0.8	1,472.0	666.9	303.9	4,551.0
TOTAL											
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	1,780.3	2,112.1	482.2	2,533.7	1,765.4	1,362.5	80.8	1,994.9	1,710.4	427.8	14,250.1
1998 Mar. qtr	1,622.1	1,656.5	534.2	2,428.7	1,947.6	1,009.3	84.0	1,872.7	1,597.6	618.2	13,370.9
June qtr	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
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	1,780.3	2,112.1	482.2	2,533.7	1,765.4	1,362.5	80.8	1,994.9	1,710.4	427.8	14,250.1

TABLE 19. NUMBER AND VALUE OF BUILDING COMPLETED: ORIGINAL

TABLE 1A: NUMBER AND VALUE OF BUILDING COMPLETED: ORIGINAL											
Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Con-versions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
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	95,996	39,642	3,635	139,275	11,450.7	4,784.5	16,235.3	2,981.5	19,216.8	9,609.3	28,826.1
1998 Mar. qtr	20,851	7,704	1,166	29,721	2,370.3	831.3	3,201.6	696.0	3,897.7	1,776.6	5,674.3
June qtr	24,600	8,401	767	33,768	2,749.9	864.9	3,614.9	654.7	4,269.5	2,108.7	6,378.2
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	24,156	10,574	897	35,628	2,902.5	1,465.6	4,368.0	756.4	5,124.5	1,963.2	7,087.6
PUBLIC SECTOR											
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	2,475	2,809	64	5,348	258.5	211.4	469.9	97.1	567.0	3,206.0	3,773.0
1998 Mar. qtr	303	434	5	742	33.1	39.7	72.8	17.1	90.0	998.9	1,088.9
June qtr	531	555	3	1,089	57.0	40.7	97.7	29.5	127.2	662.5	789.7
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	604	465	22	1,091	60.9	36.4	97.3	22.6	119.9	776.7	896.6
TOTAL											
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	98,471	42,451	3,699	144,623	11,709.3	4,995.9	16,705.2	3,078.6	19,783.8	12,815.4	32,599.2
1998 Mar. qtr	21,154	8,138	1,171	30,463	2,403.4	871.1	3,274.5	713.1	3,987.6	2,775.5	6,763.1
June qtr	25,131	8,956	770	34,857	2,806.9	905.6	3,712.6	684.1	4,396.7	2,771.2	7,167.9
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	24,760	11,039	919	36,719	2,963.4	1,502.0	4,465.4	779.0	5,244.4	2,739.9	7,984.2

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

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
PRIVATE SECTOR											
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	868.9	2,083.0	873.3	1,716.0	1,787.2	446.1	84.6	569.2	945.3	235.7	9,609.3
1998 Mar. qtr	243.0	355.3	207.6	234.0	341.5	148.7	15.5	72.9	99.2	58.9	1,776.6
June qtr	218.8	471.5	275.1	338.2	354.0	100.5	33.1	109.0	141.2	67.3	2,108.7
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	226.9	442.5	234.0	366.6	263.3	103.1	24.2	149.8	109.8	43.2	1,963.2
PUBLIC SECTOR											
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	4.3	35.5	21.9	601.4	351.2	744.0	0.6	629.8	312.5	504.9	3,206.0
1998 Mar. qtr	2.0	8.9	2.2	80.8	177.5	300.0	—	160.7	197.3	69.5	998.9
June qtr	5.5	5.4	2.7	107.6	44.1	205.5	—	170.8	40.3	80.6	662.5
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	0.1	7.4	5.4	95.6	94.2	203.1	—	112.2	77.0	181.8	776.7
TOTAL											
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	873.2	2,118.4	895.2	2,317.4	2,138.4	1,190.1	85.2	1,199.0	1,257.8	740.6	12,815.4
1998 Mar. qtr	245.0	364.1	209.9	314.9	519.0	448.7	15.5	233.5	296.6	128.4	2,775.5
June qtr	224.3	476.9	277.8	445.8	398.1	306.0	33.1	279.8	181.6	147.9	2,771.2
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	227.0	449.9	239.3	462.2	357.5	306.2	24.2	262.0	186.8	224.9	2,739.9

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>
PRIVATE SECTOR							
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	11,759.4	5,149.0	16,908.5	3,151.8	20,060.3	10,699.4	30,759.7
1998 Mar. qtr	2,647.0	1,038.1	3,685.0	679.3	4,364.4	2,271.3	6,635.7
June qtr	2,896.8	1,231.1	4,127.9	760.3	4,888.2	2,411.6	7,299.8
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	3,038.6	1,272.5	4,311.1	782.2	5,093.3	2,615.7	7,708.9
PUBLIC SECTOR							
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	278.4	219.6	498.0	93.9	591.9	3,694.2	4,286.1
1998 Mar. qtr	38.3	38.5	76.8	21.0	97.9	841.4	939.2
June qtr	51.8	52.6	104.5	34.4	138.8	969.2	1,108.1
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	66.8	52.8	119.6	22.7	142.3	975.2	1,117.5
TOTAL							
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	12,037.8	5,368.6	17,406.4	3,245.7	20,652.2	14,393.7	35,045.8
1998 Mar. qtr	2,685.3	1,076.5	3,761.8	700.4	4,462.2	3,112.7	7,574.9
June qtr	2,948.6	1,283.7	4,232.3	794.7	5,027.0	3,380.8	8,407.8
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	3,105.4	1,325.4	4,430.7	804.8	5,235.6	3,590.9	8,826.5

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

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
PRIVATE SECTOR											
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	1,205.3	2,379.6	889.1	2,272.1	1,726.6	438.9	85.7	499.2	983.4	219.6	10,699.4
1998 Mar. qtr	256.9	451.0	239.8	357.7	375.9	129.5	20.7	133.9	240.9	65.2	2,271.3
June qtr	260.4	514.3	220.6	444.1	410.4	97.8	22.2	157.3	211.7	72.8	2,411.6
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	339.9	580.6	220.7	573.4	388.3	86.9	21.4	138.2	220.3	46.0	2,615.7
PUBLIC SECTOR											
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	19.9	28.7	32.8	410.3	532.2	953.7	1.1	785.9	483.4	446.3	3,694.2
1998 Mar. qtr	1.9	8.5	1.5	98.8	110.3	242.3	—	168.7	115.5	94.0	841.4
June qtr	3.9	5.6	2.2	165.7	116.8	201.0	—	248.5	92.1	133.3	969.2
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	8.5	6.1	13.5	85.6	137.1	235.7	0.5	222.0	159.8	106.5	975.2
TOTAL											
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	1,225.2	2,408.3	921.9	2,682.4	2,258.8	1,392.6	86.7	1,285.1	1,466.7	665.9	14,393.7
1998 Mar. qtr	258.8	459.4	241.3	456.5	486.2	371.7	20.7	302.6	356.3	159.2	3,112.7
June qtr	264.3	519.9	222.8	609.8	527.2	298.8	22.2	405.8	303.9	206.1	3,380.8
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	348.3	586.7	234.2	659.0	525.5	322.7	21.9	360.2	380.1	152.4	3,590.9

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-resi- dential building</i>	<i>Total building</i>
PRIVATE SECTOR							
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	2,924.2	2,151.9	5,076.1	689.3	5,765.4	4,187.8	9,953.2
1998 Mar. qtr	2,337.1	2,476.1	4,813.2	650.5	5,463.7	4,975.0	10,438.8
June qtr	2,476.9	2,489.9	4,966.8	683.2	5,650.0	5,256.8	10,906.8
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	2,924.2	2,151.9	5,076.1	689.3	5,765.4	4,187.8	9,953.2
PUBLIC SECTOR							
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	47.6	75.9	123.4	13.0	136.5	2,137.6	2,274.0
1998 Mar. qtr	34.2	59.7	93.9	14.6	108.5	2,578.1	2,686.6
June qtr	34.5	78.5	113.0	20.5	133.5	2,708.7	2,842.2
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	47.6	75.9	123.4	13.0	136.5	2,137.6	2,274.0
TOTAL							
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	2,971.8	2,227.7	5,199.5	702.3	5,901.8	6,325.4	12,227.2
1998 Mar. qtr	2,371.3	2,535.8	4,907.1	665.1	5,572.2	7,553.1	13,125.4
June qtr	2,511.4	2,568.4	5,079.8	703.7	5,783.5	7,965.6	13,749.0
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	2,971.8	2,227.7	5,199.5	702.3	5,901.8	6,325.4	12,227.2

**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>
PRIVATE SECTOR											
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	858.6	963.2	169.6	957.7	359.1	121.9	45.0	267.7	400.9	44.0	4,187.8
1998 Mar. qtr	1,078.4	848.8	199.7	1,216.8	530.5	88.8	38.9	302.1	588.5	82.7	4,975.0
June qtr	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
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	858.6	963.2	169.6	957.7	359.1	121.9	45.0	267.7	400.9	44.0	4,187.8
PUBLIC SECTOR											
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	110.6	337.3	535.3	0.4	705.7	272.8	141.8	2,137.6
1998 Mar. qtr	3.2	5.1	1.8	261.6	565.7	407.5	—	756.1	300.5	276.8	2,578.1
June qtr	0.8	2.6	4.7	193.2	520.0	412.6	—	1,054.2	269.2	251.4	2,708.7
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	110.6	337.3	535.3	0.4	705.7	272.8	141.8	2,137.6
TOTAL											
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	860.5	983.8	181.0	1,068.3	696.4	657.1	45.4	973.5	673.7	185.8	6,325.4
1998 Mar. qtr	1,081.6	853.8	201.5	1,478.4	1,096.1	496.2	38.9	1,058.2	889.0	359.5	7,553.1
June qtr	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
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	860.5	983.8	181.0	1,068.3	696.4	657.1	45.4	973.5	673.7	185.8	6,325.4

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	27,483	20,699	1,359	49,541	3,716.1	2,488.1	6,204.2	1,292.8	7,497.0	4,535.9	12,032.9
Vic.	29,165	8,185	1,567	38,917	3,502.6	981.7	4,484.3	987.3	5,471.5	2,983.3	8,454.8
Qld	19,546	8,744	212	28,502	2,247.7	759.0	3,006.7	285.7	3,292.4	2,029.6	5,322.0
SA	6,296	1,062	57	7,416	629.0	142.3	771.3	139.7	910.9	623.7	1,534.7
WA	15,950	2,371	92	18,413	1,774.4	263.6	2,037.9	226.7	2,264.6	1,103.6	3,368.2
Tas.	1,266	107	6	1,379	127.7	6.8	134.4	39.8	174.3	182.1	356.4
NT	1,419	532	15	1,966	195.0	56.7	251.7	29.6	281.3	191.8	473.1
ACT	1,358	605	133	2,096	173.3	63.8	237.1	68.8	305.9	315.2	621.1
Australia	102,485	42,305	3,442	148,231	12,365.6	4,761.9	17,127.5	3,070.4	20,197.9	11,965.1	32,163.1
MARCH QUARTER 1999											
NSW	6,633	5,464	229	12,326	924.2	655.3	1,579.5	265.1	1,844.5	951.0	2,795.5
Vic.	6,494	2,159	355	9,008	787.2	259.6	1,046.8	223.8	1,270.6	567.3	1,837.9
Qld	4,131	1,820	64	6,015	466.8	158.8	625.6	56.7	682.3	649.3	1,331.6
SA	1,326	302	16	1,645	134.5	37.0	171.6	32.7	204.3	235.5	439.8
WA	3,386	586	28	4,000	385.6	66.0	451.6	60.1	511.8	346.9	858.7
Tas.	330	18	—	348	32.0	1.1	33.2	9.4	42.5	39.8	82.3
NT	285	124	6	415	37.3	12.2	49.4	5.8	55.3	38.9	94.1
ACT	285	240	133	658	38.6	22.0	60.5	22.3	82.8	144.8	227.7
Australia	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 QUARTER 1999											
NSW	7,140	4,427	236	11,803	983.9	524.4	1,508.3	306.9	1,815.2	939.5	2,754.7
Vic.	7,910	2,344	260	10,513	977.6	267.5	1,245.1	250.6	1,495.6	708.3	2,204.0
Qld	4,888	1,755	17	6,660	587.5	161.9	749.5	62.1	811.6	397.4	1,209.0
SA	1,661	161	4	1,826	169.8	14.1	183.9	37.7	221.6	122.3	344.0
WA	4,159	695	15	4,869	473.9	69.2	543.2	62.3	605.5	207.7	813.2
Tas.	306	23	1	330	32.6	1.7	34.2	11.8	46.1	39.1	85.1
NT	310	97	2	409	40.7	14.0	54.7	7.5	62.2	29.2	91.4
ACT	373	104	—	477	48.9	15.3	64.1	16.8	80.9	68.1	149.0
Australia	26,747	9,606	535	36,887	3,314.9	1,068.0	4,382.9	755.8	5,138.7	2,511.6	7,650.3

**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	810.0	301.0	1,118.5	666.2	374.2	52.8	294.9	411.8	111.8	4,535.9
Vic.	176.4	442.7	264.2	425.6	448.3	462.2	19.5	215.2	402.4	126.7	2,983.3
Qld	324.7	358.9	153.7	223.5	264.3	222.8	14.2	194.2	150.5	122.7	2,029.6
SA	25.3	129.4	43.3	61.1	91.0	142.2	2.1	59.9	43.8	25.7	623.7
WA	50.1	380.3	90.0	101.6	157.0	97.6	5.5	57.5	116.0	48.0	1,103.6
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	17.9	6.0	51.0	23.3	16.2	0.5	14.2	25.0	28.1	191.8
ACT	20.9	76.5	0.6	49.9	20.3	109.9	0.4	4.5	23.0	9.3	315.2
Australia	1,002.9	2,241.6	873.8	2,060.8	1,689.5	1,446.9	96.5	898.6	1,176.8	477.8	11,965.1
MARCH QUARTER 1999											
NSW	43.6	148.0	56.5	152.3	188.8	126.1	16.3	91.1	110.3	17.9	951.0
Vic.	29.3	75.3	64.4	98.3	81.4	98.2	5.5	41.1	38.0	35.8	567.3
Qld	92.0	125.7	32.7	93.0	107.6	58.7	3.0	58.9	64.3	13.3	649.3
SA	0.5	75.3	3.4	10.8	19.2	73.5	0.7	8.1	27.1	17.0	235.5
WA	20.6	128.7	24.5	37.8	31.4	23.4	2.0	27.4	42.2	9.0	346.9
Tas.	0.4	1.2	2.0	5.3	2.4	4.0	1.0	21.9	0.7	1.0	39.8
NT	—	2.6	1.1	4.3	6.0	3.4	—	10.8	3.8	7.0	38.9
ACT	0.1	33.8	0.4	5.5	9.1	81.5	—	2.9	10.4	1.2	144.8
Australia	186.5	590.5	185.0	407.4	445.9	468.6	28.5	262.2	296.8	102.2	2,973.5
JUNE QUARTER 1999											
NSW	74.7	145.1	69.0	240.1	132.8	80.7	11.0	110.3	55.7	20.1	939.5
Vic.	43.9	118.4	64.9	88.6	91.8	55.9	4.7	52.2	161.3	26.6	708.3
Qld	64.0	82.1	41.3	33.8	43.7	43.5	2.3	14.5	26.6	45.7	397.4
SA	3.5	17.8	4.9	16.9	26.1	17.5	0.4	25.9	6.4	2.8	122.3
WA	6.0	61.2	20.7	19.0	49.3	12.9	1.0	9.8	10.5	17.4	207.7
Tas.	0.3	12.2	3.9	3.1	1.5	8.8	0.3	5.0	1.9	2.0	39.1
NT	9.2	1.6	3.2	1.2	5.8	2.6	0.3	—	4.1	1.1	29.2
ACT	20.6	23.2	0.2	13.8	1.3	1.3	—	0.8	4.1	2.8	68.1
Australia	222.3	461.4	208.2	416.5	352.2	223.2	20.0	218.6	270.6	118.6	2,511.6

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	12,965	20,043	1,846	34,854	1,993.2	3,177.9	5,171.1	919.7	6,090.7	7,028.1	13,118.8
Vic.	14,935	6,197	930	22,062	1,968.2	862.8	2,831.0	454.5	3,285.5	3,031.2	6,316.7
Qld	5,572	4,651	93	10,316	707.8	470.7	1,178.5	89.2	1,267.7	2,508.9	3,776.6
SA	2,437	573	5	3,015	273.3	97.5	370.8	56.2	427.0	404.0	831.1
WA	6,549	1,614	62	8,225	885.8	200.4	1,086.1	113.6	1,199.7	737.6	1,937.3
Tas.	1,010	124	4	1,139	96.9	8.2	105.1	20.6	125.6	91.5	217.2
NT	485	293	6	784	69.6	42.9	112.5	10.5	123.0	98.9	221.9
ACT	490	484	133	1,107	69.4	53.8	123.1	32.4	155.5	349.9	505.4
Australia	44,445	33,979	3,079	81,503	6,064.1	4,914.1	10,978.2	1,696.6	12,674.8	14,250.1	26,924.9
MARCH QUARTER 1999											
NSW	12,877	21,721	1,940	36,538	1,919.3	3,572.7	5,492.0	905.1	6,397.0	6,843.0	13,240.1
Vic.	13,846	5,752	1,207	20,805	1,807.7	836.6	2,644.3	471.4	3,115.6	2,972.2	6,087.8
Qld	5,271	5,268	145	10,684	653.7	511.7	1,165.3	83.8	1,249.1	2,695.0	3,944.2
SA	2,159	671	20	2,850	239.3	110.9	350.2	48.0	398.2	400.8	799.0
WA	6,505	1,425	55	7,985	856.1	192.4	1,048.5	113.3	1,161.8	684.2	1,846.0
Tas.	994	133	4	1,131	93.3	8.4	101.7	18.2	119.9	83.9	203.8
NT	518	381	9	908	74.3	51.1	125.4	10.6	136.0	133.8	269.8
ACT	394	429	133	956	57.5	40.3	97.7	30.9	128.7	358.4	487.0
Australia	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 QUARTER 1999											
NSW	12,965	20,043	1,846	34,854	1,993.2	3,177.9	5,171.1	919.7	6,090.7	7,028.1	13,118.8
Vic.	14,935	6,197	930	22,062	1,968.2	862.8	2,831.0	454.5	3,285.5	3,031.2	6,316.7
Qld	5,572	4,651	93	10,316	707.8	470.7	1,178.5	89.2	1,267.7	2,508.9	3,776.6
SA	2,437	573	5	3,015	273.3	97.5	370.8	56.2	427.0	404.0	831.1
WA	6,549	1,614	62	8,225	885.8	200.4	1,086.1	113.6	1,199.7	737.6	1,937.3
Tas.	1,010	124	4	1,139	96.9	8.2	105.1	20.6	125.6	91.5	217.2
NT	485	293	6	784	69.6	42.9	112.5	10.5	123.0	98.9	221.9
ACT	490	484	133	1,107	69.4	53.8	123.1	32.4	155.5	349.9	505.4
Australia	44,445	33,979	3,079	81,503	6,064.1	4,914.1	10,978.2	1,696.6	12,674.8	14,250.1	26,924.9

**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	882.3	908.5	170.2	2,049.0	1,192.0	433.7	50.9	463.6	769.8	108.2	7,028.1
Vic.	487.3	429.8	123.5	184.0	294.4	463.2	14.4	221.1	676.6	136.8	3,031.2
Qld	300.1	271.0	124.5	117.0	146.8	164.9	6.1	1,140.4	127.9	110.2	2,508.9
SA	23.1	86.6	11.6	21.6	37.0	115.2	1.7	51.5	36.2	19.5	404.0
WA	56.9	293.9	43.5	54.9	67.7	51.1	3.8	47.2	85.8	32.8	737.6
Tas.	0.8	11.7	5.0	4.9	1.4	10.1	2.2	50.7	2.9	1.7	91.5
NT	9.2	2.0	3.8	38.3	17.2	1.0	0.3	10.0	6.0	11.2	98.9
ACT	20.6	108.5	0.2	64.1	9.0	123.3	1.4	10.4	5.2	7.2	349.9
Australia	1,780.3	2,112.1	482.2	2,533.7	1,765.4	1,362.5	80.8	1,994.9	1,710.4	427.8	14,250.1
MARCH QUARTER 1999											
NSW	893.4	870.9	182.1	1,987.0	1,110.0	445.2	46.5	441.3	740.8	126.0	6,843.0
Vic.	463.5	402.8	138.2	203.8	302.2	522.4	12.8	243.7	555.3	127.5	2,972.2
Qld	325.3	275.0	108.2	145.7	172.9	151.7	11.5	1,165.2	134.1	205.4	2,695.0
SA	20.4	115.4	30.7	14.8	23.4	109.4	2.1	31.2	35.0	18.5	400.8
WA	55.2	254.6	41.1	45.0	43.3	69.7	3.9	41.9	107.1	22.4	684.2
Tas.	0.6	0.9	3.5	15.6	1.9	4.4	2.4	51.8	1.7	1.0	83.9
NT	0.6	2.0	1.2	39.1	39.1	3.1	—	14.8	16.6	17.3	133.8
ACT	0.1	109.9	0.4	83.9	9.2	127.0	3.0	9.5	10.6	4.6	358.4
Australia	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 QUARTER 1999											
NSW	882.3	908.5	170.2	2,049.0	1,192.0	433.7	50.9	463.6	769.8	108.2	7,028.1
Vic.	487.3	429.8	123.5	184.0	294.4	463.2	14.4	221.1	676.6	136.8	3,031.2
Qld	300.1	271.0	124.5	117.0	146.8	164.9	6.1	1,140.4	127.9	110.2	2,508.9
SA	23.1	86.6	11.6	21.6	37.0	115.2	1.7	51.5	36.2	19.5	404.0
WA	56.9	293.9	43.5	54.9	67.7	51.1	3.8	47.2	85.8	32.8	737.6
Tas.	0.8	11.7	5.0	4.9	1.4	10.1	2.2	50.7	2.9	1.7	91.5
NT	9.2	2.0	3.8	38.3	17.2	1.0	0.3	10.0	6.0	11.2	98.9
ACT	20.6	108.5	0.2	64.1	9.0	123.3	1.4	10.4	5.2	7.2	349.9
Australia	1,780.3	2,112.1	482.2	2,533.7	1,765.4	1,362.5	80.8	1,994.9	1,710.4	427.8	14,250.1

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	26,225	19,928	1,473	47,626	3,418.8	2,644.2	6,063.0	1,299.8	7,362.8	4,979.9	12,342.7
Vic.	26,445	6,904	1,360	34,709	3,158.7	823.5	3,982.2	989.4	4,971.6	3,023.0	7,994.6
Qld	20,565	11,098	583	32,246	2,395.7	1,053.2	3,448.9	309.7	3,758.6	2,378.1	6,136.7
SA	6,122	885	127	7,135	613.6	99.7	713.3	153.2	866.5	639.4	1,505.9
WA	15,247	2,317	131	17,695	1,647.8	235.5	1,883.4	199.8	2,083.2	981.9	3,065.1
Tas.	1,342	160	6	1,508	137.5	10.4	147.9	37.0	184.8	176.5	361.4
NT	1,383	793	13	2,189	190.8	88.5	279.3	30.7	310.0	243.5	553.6
ACT	1,145	366	5	1,516	146.3	40.9	187.2	59.2	246.4	393.0	639.3
Australia	98,471	42,451	3,699	144,623	11,709.3	4,995.9	16,705.2	3,078.6	19,783.8	12,815.4	32,599.2
MARCH QUARTER 1999											
NSW	5,425	4,184	625	10,234	764.7	490.3	1,255.0	326.4	1,581.5	1,566.3	3,147.7
Vic.	5,699	1,559	293	7,551	678.0	177.1	855.2	215.9	1,071.0	758.5	1,829.5
Qld	4,045	2,105	112	6,262	470.0	177.2	647.2	85.1	732.2	430.9	1,163.1
SA	1,501	281	1	1,783	147.6	35.4	183.0	36.7	219.7	207.4	427.1
WA	3,773	691	42	4,506	400.3	69.7	470.0	42.7	512.7	263.6	776.3
Tas.	337	47	1	385	36.4	3.2	39.7	8.4	48.0	51.7	99.7
NT	308	164	2	474	44.1	19.7	63.8	5.7	69.5	62.8	132.3
ACT	296	69	—	365	37.7	6.6	44.3	12.8	57.1	114.7	171.8
Australia	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 QUARTER 1999											
NSW	6,976	5,905	281	13,162	906.4	941.3	1,847.8	322.4	2,170.1	946.0	3,116.2
Vic.	6,800	1,739	536	9,075	814.9	234.0	1,049.0	277.2	1,326.1	717.1	2,043.2
Qld	4,586	2,372	69	7,027	539.2	206.8	746.0	57.7	803.6	609.9	1,413.6
SA	1,377	259	19	1,656	139.4	29.0	168.4	31.0	199.4	122.0	321.4
WA	4,114	500	8	4,622	449.8	62.3	512.1	58.0	570.1	163.8	733.9
Tas.	288	30	1	319	30.1	1.7	31.8	9.7	41.5	32.1	73.6
NT	342	185	5	532	46.6	22.3	68.9	7.5	76.4	66.2	142.6
ACT	277	49	—	326	36.8	4.5	41.4	15.6	57.0	82.7	139.6
Australia	24,760	11,039	919	36,719	2,963.4	1,502.0	4,465.4	779.0	5,244.4	2,739.9	7,984.2

**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	361.1	842.4	329.7	1,000.7	863.4	347.7	28.0	365.1	684.4	157.3	4,979.9
Vic.	130.8	477.0	293.3	522.3	602.1	328.4	16.7	302.8	135.4	214.3	3,023.0
Qld	318.4	404.2	106.3	282.8	285.1	255.4	22.3	241.7	227.2	234.5	2,378.1
SA	8.1	114.8	59.6	102.1	132.2	68.5	8.3	80.1	46.5	19.3	639.4
WA	46.0	176.8	82.3	111.2	155.7	110.0	5.2	164.7	91.4	38.5	981.9
Tas.	1.2	20.3	19.3	32.5	26.9	27.6	0.7	24.6	5.5	18.1	176.5
NT	1.0	30.4	4.2	31.6	56.3	24.6	0.3	9.7	30.1	55.3	243.5
ACT	6.6	52.6	0.5	234.2	16.6	27.8	3.8	10.4	37.2	3.3	393.0
Australia	873.2	2,118.4	895.2	2,317.4	2,138.4	1,190.1	85.2	1,199.0	1,257.8	740.6	12,815.4
MARCH QUARTER 1999											
NSW	13.4	214.3	84.4	404.1	217.0	81.9	8.0	50.4	470.9	21.8	1,566.3
Vic.	22.7	100.6	64.1	155.6	146.6	69.2	3.1	56.6	25.5	114.5	758.5
Qld	36.2	90.2	19.5	38.5	58.9	71.8	1.2	50.2	47.2	17.2	430.9
SA	1.9	16.6	25.5	12.2	58.8	23.2	4.8	46.6	9.4	8.4	207.4
WA	10.7	53.3	21.3	46.6	33.8	19.3	0.8	63.5	6.3	7.9	263.6
Tas.	0.4	8.1	3.8	1.5	8.4	12.0	0.2	15.5	1.2	0.6	51.7
NT	—	3.3	0.1	10.1	12.3	2.6	—	3.0	3.1	28.2	62.8
ACT	0.1	3.2	—	63.5	0.8	17.9	0.1	9.4	18.3	1.3	114.7
Australia	85.4	489.6	218.9	732.1	536.7	298.0	18.0	295.2	581.8	200.0	3,455.8
JUNE QUARTER 1999											
NSW	100.7	149.2	84.4	201.4	115.3	97.9	8.0	98.5	50.6	40.1	946.0
Vic.	27.7	107.6	82.1	118.6	101.7	118.6	4.1	90.9	40.6	25.2	717.1
Qld	92.8	90.5	26.0	66.1	70.1	30.7	7.7	49.9	34.6	141.6	609.9
SA	0.8	46.0	23.7	10.5	13.0	13.1	0.8	6.7	5.4	1.9	122.0
WA	4.1	29.1	19.7	9.5	25.6	32.4	1.1	4.4	30.5	7.3	163.8
Tas.	0.2	1.4	2.4	14.0	2.2	3.1	0.5	6.4	0.7	1.3	32.1
NT	0.6	1.3	0.7	3.4	28.2	4.7	—	5.1	14.8	7.3	66.2
ACT	0.1	24.8	0.4	38.6	1.5	5.6	2.0	—	9.5	0.2	82.7
Australia	227.0	449.9	239.3	462.2	357.5	306.2	24.2	262.0	186.8	224.9	2,739.9

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	3,581.1	2,967.2	6,548.3	1,446.7	7,995.0	5,945.1	13,940.1
Vic.	3,363.0	939.5	4,302.5	996.2	5,298.7	3,544.8	8,843.6
Qld	2,291.6	925.5	3,217.1	306.1	3,523.2	2,564.8	6,088.0
SA	615.0	123.2	738.2	147.9	886.1	570.9	1,457.0
WA	1,697.5	264.5	1,961.9	215.6	2,177.5	979.3	3,156.8
Tas.	134.1	7.8	141.8	39.3	181.1	175.4	356.5
NT	198.7	89.9	288.6	29.9	318.5	238.8	557.3
ACT	157.0	51.0	207.9	64.1	272.0	374.5	646.5
Australia	12,037.8	5,368.6	17,406.4	3,245.7	20,652.2	14,393.7	35,045.8
MARCH QUARTER 1999							
NSW	860.5	723.0	1,583.5	346.5	1,930.0	1,388.3	3,318.4
Vic.	784.9	227.8	1,012.7	224.4	1,237.1	784.1	2,021.2
Qld	502.7	197.2	700.0	62.1	762.1	542.3	1,304.4
SA	144.9	27.6	172.5	33.2	205.7	131.1	336.8
WA	429.5	63.9	493.5	52.9	546.3	235.4	781.8
Tas.	33.2	1.8	35.0	8.8	43.7	32.2	75.9
NT	42.4	21.1	63.5	6.0	69.5	49.2	118.7
ACT	38.0	10.7	48.7	13.3	61.9	107.9	169.9
Australia	2,836.0	1,273.2	4,109.2	747.2	4,856.4	3,270.6	8,127.0
JUNE QUARTER 1999							
NSW	965.7	745.6	1,711.3	343.9	2,055.2	1,571.9	3,627.1
Vic.	896.7	244.6	1,141.2	263.7	1,404.9	848.0	2,252.9
Qld	533.0	180.8	713.8	64.3	778.1	612.3	1,390.4
SA	159.2	35.7	195.0	34.6	229.6	116.5	346.1
WA	432.7	75.0	507.7	59.4	567.1	277.8	844.9
Tas.	32.4	1.7	34.1	11.0	45.1	40.6	85.7
NT	42.9	21.4	64.4	7.6	72.0	49.5	121.5
ACT	42.8	20.6	63.3	20.3	83.6	74.3	157.9
Australia	3,105.4	1,325.4	4,430.7	804.8	5,235.6	3,590.9	8,826.5

**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	628.9	838.7	333.3	1,514.9	1,033.3	384.4	38.0	324.4	674.0	175.3	5,945.1
Vic.	237.0	628.0	270.0	501.9	562.1	468.6	16.9	271.5	390.4	198.5	3,544.8
Qld	261.0	460.2	164.6	243.7	295.8	242.3	17.9	514.7	193.9	170.7	2,564.8
SA	25.4	78.6	45.3	84.4	119.3	91.3	2.9	49.3	52.1	22.3	570.9
WA	57.0	268.0	87.6	103.9	164.2	102.8	6.1	59.9	91.5	38.3	979.3
Tas.	1.2	22.8	16.7	28.5	25.8	23.9	1.2	43.8	4.9	6.6	175.4
NT	8.1	22.2	3.9	56.8	39.3	22.7	0.3	10.2	27.8	47.5	238.8
ACT	6.6	89.8	0.5	148.3	19.0	56.5	3.5	11.2	32.1	6.9	374.5
Australia	1,225.2	2,408.3	921.9	2,682.4	2,258.8	1,392.6	86.7	1,285.1	1,466.7	665.9	14,393.7
MARCH QUARTER 1999											
NSW	135.5	175.0	78.3	357.9	257.5	93.1	11.3	85.4	156.1	38.1	1,388.3
Vic.	65.7	111.6	78.0	106.5	104.5	121.9	3.7	66.8	81.4	44.0	784.1
Qld	50.3	81.8	41.1	54.6	64.4	53.7	3.5	117.9	41.7	33.4	542.3
SA	6.7	15.6	13.5	11.0	21.8	31.6	0.4	12.2	12.1	6.0	131.1
WA	16.6	65.3	19.6	28.0	25.7	29.3	1.7	16.3	25.2	7.7	235.4
Tas.	0.3	2.9	3.2	8.3	3.4	5.9	0.4	6.0	0.8	0.9	32.2
NT	0.1	3.0	0.5	13.9	7.2	3.3	—	3.0	10.0	8.4	49.2
ACT	—	23.7	0.4	49.3	2.5	14.4	1.5	4.9	10.0	1.4	107.9
Australia	275.2	478.9	234.5	629.5	487.0	353.3	22.6	312.5	337.3	139.8	3,270.6
JUNE QUARTER 1999											
NSW	179.6	207.2	85.5	426.5	265.6	101.6	10.3	84.9	175.7	35.1	1,571.9
Vic.	54.3	159.5	67.8	100.6	107.9	112.5	4.0	71.3	128.3	41.6	848.0
Qld	81.1	86.5	44.6	52.0	71.2	41.3	4.1	161.7	25.4	44.2	612.3
SA	5.8	17.5	6.3	12.5	18.3	25.7	0.5	10.8	12.2	7.0	116.5
WA	14.9	87.9	26.0	20.8	49.8	22.3	2.0	12.4	26.8	15.0	277.8
Tas.	0.2	5.5	2.1	5.1	2.2	5.3	0.6	16.8	0.8	2.0	40.6
NT	7.6	1.6	1.5	13.7	8.0	3.2	—	1.4	7.3	5.2	49.5
ACT	4.8	20.9	0.1	27.7	2.4	10.9	0.3	1.0	3.7	2.4	74.3
Australia	348.3	586.7	234.2	659.0	525.5	322.7	21.9	360.2	380.1	152.4	3,590.9

**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	1,010.3	1,398.6	2,408.9	362.9	2,771.8	2,974.7	5,746.4
Vic.	932.1	433.7	1,365.8	197.0	1,562.8	1,259.2	2,821.9
Qld	330.2	207.0	537.2	33.9	571.2	1,241.6	1,812.7
SA	131.8	45.0	176.8	26.3	203.1	248.7	451.9
WA	457.9	98.2	556.2	53.9	610.1	361.3	971.3
Tas.	43.4	3.8	47.3	8.4	55.7	38.1	93.8
NT	30.6	13.7	44.3	5.0	49.3	28.9	78.3
ACT	35.4	27.7	63.0	14.9	77.9	172.9	250.9
Australia	2,971.8	2,227.7	5,199.5	702.3	5,901.8	6,325.4	12,227.2
MARCH QUARTER 1999							
NSW	992.6	1,591.5	2,584.2	368.8	2,953.0	3,415.1	6,368.1
Vic.	853.0	411.5	1,264.5	200.4	1,464.9	1,330.8	2,795.7
Qld	269.9	222.0	491.9	35.1	527.0	1,430.0	1,957.1
SA	117.7	65.1	182.8	21.7	204.5	240.0	444.5
WA	411.0	102.8	513.8	54.7	568.5	421.8	990.3
Tas.	42.1	4.0	46.1	7.3	53.4	38.9	92.4
NT	31.6	21.1	52.6	5.1	57.8	47.0	104.8
ACT	29.4	30.2	59.6	18.1	77.7	173.1	250.7
Australia	2,747.3	2,448.2	5,195.5	711.3	5,906.8	7,096.8	13,003.6
JUNE QUARTER 1999							
NSW	1,010.3	1,398.6	2,408.9	362.9	2,771.8	2,974.7	5,746.4
Vic.	932.1	433.7	1,365.8	197.0	1,562.8	1,259.2	2,821.9
Qld	330.2	207.0	537.2	33.9	571.2	1,241.6	1,812.7
SA	131.8	45.0	176.8	26.3	203.1	248.7	451.9
WA	457.9	98.2	556.2	53.9	610.1	361.3	971.3
Tas.	43.4	3.8	47.3	8.4	55.7	38.1	93.8
NT	30.6	13.7	44.3	5.0	49.3	28.9	78.3
ACT	35.4	27.7	63.0	14.9	77.9	172.9	250.9
Australia	2,971.8	2,227.7	5,199.5	702.3	5,901.8	6,325.4	12,227.2

**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	341.6	455.1	65.0	856.1	495.6	250.1	29.8	232.6	213.9	34.8	2,974.7
Vic.	270.8	133.8	50.4	79.4	94.6	169.6	8.0	82.3	322.5	48.0	1,259.2
Qld	205.6	112.8	33.9	68.4	50.6	65.1	3.5	569.4	62.7	69.6	1,241.6
SA	3.5	70.6	8.0	11.8	22.3	69.2	1.2	33.1	18.2	10.8	248.7
WA	20.5	164.1	18.3	26.7	22.5	19.9	1.1	23.7	48.0	16.4	361.3
Tas.	0.5	7.0	3.0	2.8	0.5	5.5	1.3	15.4	1.7	0.4	38.1
NT	2.1	0.6	2.3	3.7	4.4	0.2	0.3	9.0	3.5	2.8	28.9
ACT	15.9	39.8	0.1	19.5	5.8	77.5	0.3	8.0	3.1	3.0	172.9
Australia	860.5	983.8	181.0	1,068.3	696.4	657.1	45.4	973.5	673.7	185.8	6,325.4
MARCH QUARTER 1999											
NSW	431.7	475.1	78.0	1,019.1	563.9	265.4	27.8	196.7	309.8	47.5	3,415.1
Vic.	273.6	158.7	50.5	81.3	108.6	222.6	6.2	85.2	288.9	55.1	1,330.8
Qld	219.1	113.0	36.1	83.0	77.9	62.6	5.3	705.9	59.7	67.4	1,430.0
SA	5.8	70.9	9.7	7.0	14.1	75.9	1.2	16.9	23.7	14.9	240.0
WA	29.5	183.6	22.3	28.0	22.4	28.4	2.1	26.4	65.6	13.6	421.8
Tas.	0.4	0.3	1.2	4.6	1.0	2.0	1.6	26.9	0.6	0.4	38.9
NT	0.5	0.8	0.7	14.9	6.1	0.8	—	10.0	6.6	6.6	47.0
ACT	0.1	37.3	—	28.4	7.0	86.4	0.2	8.2	2.8	2.6	173.1
Australia	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 QUARTER 1999											
NSW	341.6	455.1	65.0	856.1	495.6	250.1	29.8	232.6	213.9	34.8	2,974.7
Vic.	270.8	133.8	50.4	79.4	94.6	169.6	8.0	82.3	322.5	48.0	1,259.2
Qld	205.6	112.8	33.9	68.4	50.6	65.1	3.5	569.4	62.7	69.6	1,241.6
SA	3.5	70.6	8.0	11.8	22.3	69.2	1.2	33.1	18.2	10.8	248.7
WA	20.5	164.1	18.3	26.7	22.5	19.9	1.1	23.7	48.0	16.4	361.3
Tas.	0.5	7.0	3.0	2.8	0.5	5.5	1.3	15.4	1.7	0.4	38.1
NT	2.1	0.6	2.3	3.7	4.4	0.2	0.3	9.0	3.5	2.8	28.9
ACT	15.9	39.8	0.1	19.5	5.8	77.5	0.3	8.0	3.1	3.0	172.9
Australia	860.5	983.8	181.0	1,068.3	696.4	657.1	45.4	973.5	673.7	185.8	6,325.4

TABLE 35. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, BY STATE: JUNE 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	Value		
COMMENCED						
NSW	3.2	3.3	1.9	2.1	5.1	1.3
Vic.	3.4	2.9	2.7	2.3	4.1	1.4
Qld	2.3	2.5	1.7	2.0	3.3	1.3
SA	3.2	3.0	2.9	2.8	6.1	1.7
WA	3.6	3.7	3.1	3.2	6.0	2.2
Tas.	1.6	1.7	1.5	1.7	5.5	1.0
ACT	0.5	0.6	0.4	0.4	4.1	0.5
Australia	1.5	1.5	1.1	1.1	2.6	0.7
UNDER CONSTRUCTION AT END OF PERIOD						
NSW	2.6	2.6	1.0	1.0	4.5	0.5
Vic.	2.9	2.6	2.0	1.8	3.9	0.9
Qld	3.6	3.6	1.9	2.1	4.6	0.7
SA	3.0	3.0	2.4	2.2	6.1	1.0
WA	3.1	3.1	2.5	2.5	5.6	1.5
Tas.	1.9	1.9	1.8	1.8	5.2	0.9
ACT	1.2	1.4	0.6	0.8	3.5	0.3
Australia	1.4	1.4	0.8	0.8	2.7	0.4
COMPLETED						
NSW	3.8	4.0	2.1	2.0	5.7	1.3
Vic.	4.7	4.8	3.7	3.7	5.5	2.1
Qld	4.0	4.2	2.7	3.1	4.4	1.6
SA	4.7	4.9	4.0	4.1	7.3	2.3
WA	4.6	4.9	4.1	4.4	7.0	3.1
Tas.	2.8	3.1	2.6	3.0	7.1	1.6
ACT	2.2	2.5	1.9	2.2	6.0	0.9
Australia	2.0	2.1	1.4	1.4	3.1	0.8
VALUE OF WORK DONE DURING PERIOD						
NSW	..	2.3	..	1.3	3.7	0.7
Vic.	..	2.7	..	2.1	3.6	1.2
Qld	..	2.7	..	2.0	3.0	1.0
SA	..	2.7	..	2.3	5.0	1.4
WA	..	2.8	..	2.6	5.1	1.6
Tas.	..	1.5	..	1.4	4.8	0.8
ACT	..	1.1	..	0.7	2.8	0.5
Australia	..	1.2	..	0.9	2.0	0.5
VALUE OF WORK YET TO BE DONE						
NSW	..	3.0	..	1.3	4.1	0.6
Vic.	..	3.0	..	2.1	4.6	1.1
Qld	..	4.4	..	2.7	5.7	0.8
SA	..	3.4	..	2.5	6.8	1.1
WA	..	3.5	..	2.9	5.8	1.7
Tas.	..	2.1	..	2.0	7.1	1.1
ACT	..	1.3	..	0.7	4.3	0.3
Australia	..	1.6	..	0.9	2.6	0.4

EXPLANATORY NOTES

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.

EXPLANATORY NOTES *continued*

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.

EXPLANATORY NOTES *continued*

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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