



BUILDING ACTIVITY

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) TUES 20 APR 1999

DECEMBER QTR KEY FIGURES

	Dec qtr 98 \$m	Sep qtr 98 to Dec qtr 98 % change	Dec qtr 97 to Dec qtr 98 % change
TREND ESTIMATES (a)			
Value of work done	8 205.8	0.6	6.2
New residential building	4 111.7	-0.1	8.2
Alterations and additions to residential buildings	773.8	-1.4	5.1
Non-residential building	3 319.6	1.7	4.1

	Dec qtr 98 \$m	Sep qtr 98 to Dec qtr 98 % change	Dec qtr 97 to Dec qtr 98 % change
SEASONALLY ADJUSTED (a)			
Value of work done	8 276.6	2.6	7.6
New residential building	4 086.8	-0.2	8.5
Alterations and additions to residential buildings	757.8	-5.5	2.5
Non-residential building	3 414.2	6.9	7.7

(a) Chain volume measures, reference year 1996-97.

DECEMBER QTR KEY POINTS

VALUE OF WORK DONE, VOLUME TERMS

TREND ESTIMATES

- Total building work done rose slightly (by 0.6%) in the December quarter 1998. The trend has been increasing since the most recent trough in the June quarter 1996 although the rate of growth has eased over the last three quarters.
- New residential building work has flattened, decreasing slightly by 0.1%. This was due to a decrease in houses of 0.9%, whereas other residential building continued to grow with an increase of 2.4% in the quarter.
- Non residential building work done rose by 1.7%.

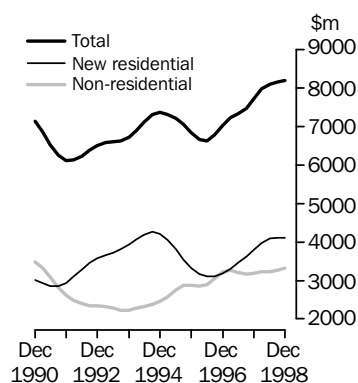
SEASONALLY ADJUSTED ESTIMATES

- Total building work increased by 2.6% in the quarter and is now at the highest level since September quarter 1989. The main increase occurred in non-residential building (6.9%).

ORIGINAL ESTIMATES

- Total building work done increased by 4.8% with Tasmania recording the largest percentage increase (12.8%) followed by Victoria (9.4%) and Western Australia (8.0%). Two States recorded decreases; Queensland (2.6%) and South Australia (0.9%).

Value of work done

Volume terms
Trend estimates

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

NOTES

FORTHCOMING ISSUES

ISSUE (Quarter)

RELEASE DATE

March 1999

20 July 1999

June 1999

13 October 1999

CHANGES IN THIS ISSUE

There are no changes in this issue.

SIGNIFICANT REVISIONS THIS QUARTER

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

The total number of dwelling units commenced during the September quarter 1998 has been revised upwards by 834 (2.1%) for Australia, including 379 (2.9%) in New South Wales, 279 (3.6%) in Queensland and 159 (1.7%) in Victoria.

The total value of building work commenced during the September quarter 1998 has been revised upwards by \$344.9m (4.2%) with residential building increasing by \$181.3m (3.5%) and non-residential building increasing by \$163.7m (5.5%). The major contributors to the non-residential increase were \$57.3m (9.6%) in Victoria, \$42.9m (2.9%) in New South Wales and \$29.6m (108.8%) in Tasmania.

W. McLennan
Australian Statistician

VALUE OF WORK COMMENCED: Volume terms

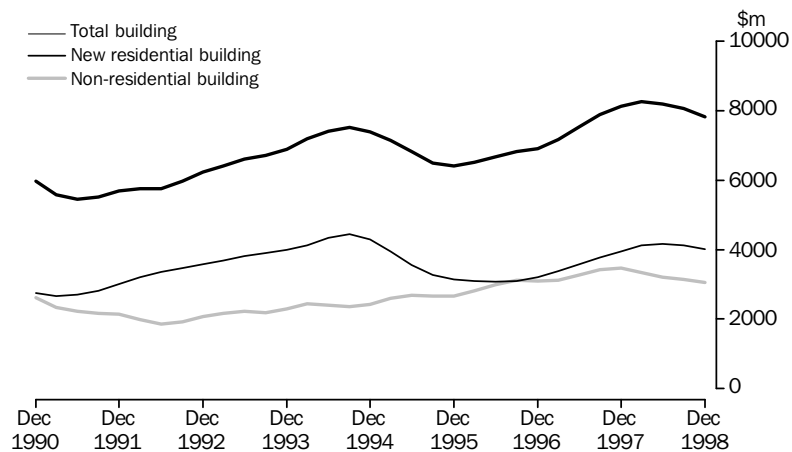
TREND ESTIMATES

	Dec qtr 98	Sep qtr 98 to Dec qtr 98	Dec qtr 97 to Dec qtr 98
	\$m	% change	% change
TREND ESTIMATES(a)			
Value of building work commenced	7 824.9	-2.8	-3.9
New residential building	4 021.5	-2.3	2.0
Alterations and additions to residential buildings	752.9	-1.9	1.0
Non-residential building	3 060.6	-2.7	-11.6

(a) Chain volume measures, reference year 1996-97.

- Total building work commenced fell by 2.8% in the December quarter, which continued the downward trend in the June and September quarters with falls of 0.7% and 1.7% respectively.
- There was a fall across all categories. New residential building work commenced fell by 2.3% and non-residential by 2.7%.
- Non-residential commencements has fallen to a level 11.6% below that of a year earlier.

Value of work commenced in volume terms, trend



SEASONALLY ADJUSTED ESTIMATES

- Total building work commenced fell by 8.6%. New residential building fell by 11.6% with houses falling by 6.6% and other residential building by 23%. Non-residential fell by 4.4%.

NUMBER OF DWELLING UNITS COMMENCED

	Dec qtr 98	Sep qtr 98 to Dec qtr 98	Dec qtr 97 to Dec qtr 98
	no.	% change	% change

TREND ESTIMATES

Dwelling units commenced			
New private sector houses	24 142	-3.5	-1.7
Total dwelling units	36 810	-2.3	0.3

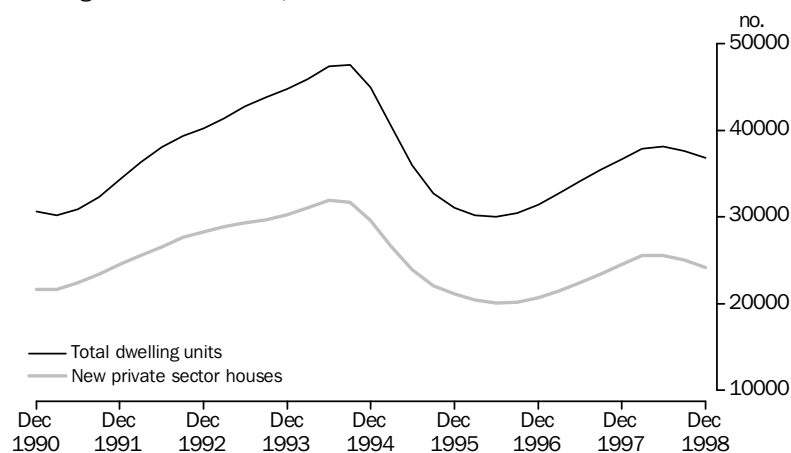
SEASONALLY ADJUSTED

Dwelling units commenced			
New private sector houses	23 400	-9.0	-6.6
Total dwelling units	35 359	-9.8	-6.5

TREND ESTIMATES

- The trend estimate for commencements of new private sector houses fell by 3.5% in the December quarter, confirming a decline evident in the September quarter of 2.3%. The declines of the last two quarters follow two years of growth.
- The total number of dwelling units commenced also fell by 2.3% for the latest quarter. It is only slightly above (0.3%) the level of a year ago.

Dwelling units commenced, trend



SEASONALLY ADJUSTED ESTIMATES

- The total number of dwelling units commenced fell by 9.8%, and is 6.5% below the level of a year ago. This reversed the direction in the June and September quarters which showed growth of 1.3% and 3.5% respectively.

ORIGINAL ESTIMATES

- The total number of dwelling units commenced during the December quarter fell by 8.9% to 36,174.

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL									
1995-96	9,177.6	9,391.4	3,780.9	13,172.7	2,572.1	8,382.6	11,486.3	23,525.8	27,237.3
1996-97	9,125.9	9,288.7	3,760.7	13,049.3	2,569.9	9,413.3	12,754.8	24,490.2	28,374.1
1997-98	10,958.0	11,148.9	4,369.6	15,518.5	2,990.1	9,364.5	12,849.5	27,411.8	31,358.2
1997 Sept. qtr	2,612.6	2,662.5	1,054.5	3,717.0	687.7	2,446.7	3,301.4	6,735.1	7,706.1
Dec. qtr	2,837.8	2,889.9	1,067.5	3,957.4	822.4	2,454.5	3,348.7	7,120.8	8,128.6
1998 Mar. qtr	2,632.7	2,670.6	1,031.1	3,701.7	693.9	2,176.0	2,984.3	6,475.6	7,379.9
June qtr	2,874.9	2,925.9	1,216.5	4,142.4	786.1	2,287.3	3,215.1	7,080.3	8,143.6
Sept. qtr	2,883.3	2,954.5	1,246.2	4,200.7	804.6	2,556.2	3,334.8	7,403.6	8,340.2
Dec. qtr	2,934.9	3,013.4	1,275.2	4,288.6	843.7	2,700.9	3,610.8	7,686.8	8,743.1
SEASONALLY ADJUSTED									
1997 Sept. qtr	2,567.1	2,610.3	994.8	3,618.3	684.3	2,306.9	3,173.5	6,502.9	7,450.7
Dec. qtr	2,684.0	2,736.1	1,045.1	3,768.1	739.0	2,300.7	3,169.4	6,726.8	7,692.4
1998 Mar. qtr	2,836.4	2,883.1	1,098.3	3,988.6	786.1	2,430.8	3,313.6	7,080.9	8,091.1
June qtr	2,870.4	2,919.3	1,231.4	4,143.5	780.8	2,326.0	3,193.1	7,101.2	8,123.9
Sept. qtr	2,839.6	2,902.6	1,177.0	4,096.7	801.7	2,401.9	3,194.6	7,149.8	8,063.4
Dec. qtr	2,778.2	2,855.3	1,252.7	4,086.8	757.8	2,527.5	3,414.2	7,262.6	8,276.6
TREND ESTIMATES									
1997 Sept. qtr	2,566.1	2,613.6	999.7	3,615.4	699.7	2,291.9	3,165.1	6,505.6	7,476.0
Dec. qtr	2,702.5	2,749.7	1,049.8	3,798.4	736.0	2,327.5	3,188.2	6,747.9	7,725.5
1998 Mar. qtr	2,813.0	2,860.9	1,118.5	3,979.5	774.1	2,358.9	3,229.7	6,993.8	7,986.2
June qtr	2,850.3	2,903.3	1,175.9	4,081.2	788.6	2,379.8	3,232.3	7,110.8	8,099.8
Sept. qtr	2,838.5	2,900.8	1,215.6	4,116.3	785.1	2,421.8	3,265.2	7,183.1	8,160.8
Dec. qtr	2,801.2	2,875.4	1,244.9	4,111.7	773.8	2,475.8	3,319.6	7,233.6	8,205.8

(a) Reference year for chain volume measures is 1996-97. See paragraphs 28 to 31 of the Explanatory Notes.

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL (% change from previous period)									
1995-96	-20.4	-20.2	-17.5	-19.5	-3.6	18.9	13.2	-7.7	-6.7
1996-97	-0.6	-1.1	-0.5	-0.9	-0.1	12.3	11.0	4.1	4.2
1997-98	20.1	20.0	16.2	18.9	16.4	-0.5	0.7	11.9	10.5
1997 Sept. qtr	7.2	7.1	9.5	7.7	1.9	10.8	6.6	8.8	6.7
Dec. qtr	8.6	8.5	1.2	6.5	19.6	0.3	1.4	5.7	5.5
1998 Mar. qtr	-7.2	-7.6	-3.4	-6.5	-15.6	-11.3	-10.9	-9.1	-9.2
June qtr	9.2	9.6	18.0	11.9	13.3	5.1	7.7	9.3	10.3
Sept. qtr	0.3	1.0	2.4	1.4	2.3	11.8	3.7	4.6	2.4
Dec. qtr	1.8	2.0	2.3	2.1	4.9	5.7	8.3	3.8	4.8
SEASONALLY ADJUSTED (% change from previous quarter)									
1997 Sept. qtr	5.4	5.1	2.0	4.7	2.1	3.4	3.8	4.8	3.6
Dec. qtr	4.6	4.8	5.0	4.1	8.0	-0.3	-0.1	3.4	3.2
1998 Mar. qtr	5.7	5.4	5.1	5.9	6.4	5.7	4.5	5.3	5.2
June qtr	1.2	1.3	12.1	3.9	-0.7	-4.3	-3.6	0.3	0.4
Sept. qtr	-1.1	-0.6	-4.4	-1.1	2.7	3.3	—	0.7	-0.7
Dec. qtr	-2.2	-1.6	6.4	-0.2	-5.5	5.2	6.9	1.6	2.6
TREND ESTIMATES (% change from previous quarter)									
1997 Sept. qtr	5.2	5.1	2.6	4.5	4.7	-0.2	-1.4	2.4	1.9
Dec. qtr	5.3	5.2	5.0	5.1	5.2	1.6	0.7	3.7	3.3
1998 Mar. qtr	4.1	4.0	6.5	4.8	5.2	1.3	1.3	3.6	3.4
June qtr	1.3	1.5	5.1	2.6	1.9	0.9	0.1	1.7	1.4
Sept. qtr	-0.4	-0.1	3.4	0.9	-0.4	1.8	1.0	1.0	0.8
Dec. qtr	-1.3	-0.9	2.4	-0.1	-1.4	2.2	1.7	0.7	0.6

(a) Reference year for chain volume measures is 1996-97. 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									
1995-96	8,766.6	8,961.9	3,708.4	12,668.7	2,385.6	8,279.3	11,130.1	22,735.1	26,190.0
1996-97	9,263.1	9,429.8	3,749.4	13,179.2	2,564.6	8,792.8	12,388.8	24,041.6	28,132.5
1997-98	11,190.9	11,390.7	4,550.4	15,941.3	3,000.8	9,456.3	13,760.3	27,889.1	32,702.4
1997 Sept. qtr	2,649.4	2,704.3	1,056.1	3,760.5	732.4	2,180.5	3,592.4	6,548.2	8,085.3
Dec. qtr	2,970.0	3,016.4	1,217.2	4,233.7	773.4	2,721.0	3,391.1	7,625.9	8,398.2
1998 Mar. qtr	2,596.6	2,643.4	1,092.4	3,735.8	707.5	2,189.3	3,384.9	6,511.9	7,828.2
June qtr	2,974.9	3,026.6	1,184.7	4,211.3	787.5	2,365.5	3,391.9	7,203.1	8,390.7
Sept. qtr	3,051.4	3,153.3	1,259.6	4,412.9	798.5	2,390.5	2,926.1	7,425.8	8,137.5
Dec. qtr	2,892.8	2,965.0	978.2	3,943.2	785.6	2,167.5	2,984.1	6,768.2	7,712.9
SEASONALLY ADJUSTED									
1997 Sept. qtr	2,570.4	2,617.9	1,054.3	3,671.0	718.1	n.a.	3,827.8	6,672.9	8,172.3
Dec. qtr	2,855.5	2,907.0	1,214.4	4,105.9	726.2	n.a.	3,363.8	7,298.4	8,185.1
1998 Mar. qtr	2,841.1	2,891.6	1,119.5	4,022.8	800.9	n.a.	3,179.2	6,715.3	7,995.1
June qtr	2,923.9	2,974.2	1,162.2	4,141.5	755.5	n.a.	3,389.4	7,202.6	8,349.9
Sept. qtr	2,965.3	3,056.2	1,265.9	4,319.9	784.6	n.a.	3,112.8	7,580.8	8,230.0
Dec. qtr	2,778.4	2,854.5	974.8	3,818.3	740.0	n.a.	2,975.5	6,468.3	7,523.2
TREND ESTIMATES									
1997 Sept. qtr	2,629.3	2,678.3	1,086.6	3,763.1	713.4	2,343.3	3,428.1	6,724.6	7,895.0
Dec. qtr	2,768.0	2,816.2	1,131.4	3,944.4	745.3	2,356.8	3,463.9	6,925.1	8,139.0
1998 Mar. qtr	2,886.6	2,938.1	1,180.9	4,120.9	770.5	2,377.4	3,350.1	7,118.4	8,249.5
June qtr	2,917.6	2,979.5	1,181.4	4,164.6	775.8	2,381.3	3,219.0	7,174.9	8,193.3
Sept. qtr	2,897.6	2,971.6	1,146.1	4,116.9	767.3	2,358.1	3,145.6	7,112.9	8,051.8
Dec. qtr	2,858.2	2,943.1	1,090.4	4,021.5	752.9	2,299.0	3,060.6	6,957.4	7,824.9

(a) Reference year for chain volume measures is 1996-97. 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)									
1995-96	-21.1	-21.0	-25.6	-22.4	-6.8	18.9	12.7	-10.0	-9.1
1996-97	5.7	5.2	1.1	4.0	7.5	6.2	11.3	5.7	7.4
1997-98	20.8	20.8	21.4	21.0	17.0	7.5	11.1	16.0	16.2
1997 Sept. qtr	5.3	5.3	5.0	5.3	3.5	2.8	18.5	4.2	10.6
Dec. qtr	12.1	11.5	15.3	12.6	5.6	24.8	-5.6	16.5	3.9
1998 Mar. qtr	-12.6	-12.4	-10.3	-11.8	-8.5	-19.5	-0.2	-14.6	-6.8
June qtr	14.6	14.5	8.5	12.7	11.3	8.0	0.2	10.6	7.2
Sept. qtr	2.6	4.2	6.3	4.8	1.4	1.1	-13.7	3.1	-3.0
Dec. qtr	-5.2	-6.0	-22.3	-10.6	-1.6	-9.3	2.0	-8.9	-5.2
SEASONALLY ADJUSTED (% change from previous quarter)									
1997 Sept. qtr	4.1	3.9	6.8	4.5	5.6	n.a.	26.3	6.4	12.4
Dec. qtr	11.1	11.0	15.2	11.8	1.1	n.a.	-12.1	9.4	0.2
1998 Mar. qtr	-0.5	-0.5	-7.8	-2.0	10.3	n.a.	-5.5	-8.0	-2.3
June qtr	2.9	2.9	3.8	3.0	-5.7	n.a.	6.6	7.3	4.4
Sept. qtr	1.4	2.8	8.9	4.3	3.8	n.a.	-8.2	5.3	-1.4
Dec. qtr	-6.3	-6.6	-23.0	-11.6	-5.7	n.a.	-4.4	-14.7	-8.6
TREND ESTIMATES (% change from previous quarter)									
1997 Sept. qtr	5.5	5.4	5.9	5.4	4.4	2.8	4.6	4.6	4.7
Dec. qtr	5.3	5.1	4.1	4.8	4.5	0.6	1.0	3.0	3.1
1998 Mar. qtr	4.3	4.3	4.4	4.5	3.4	0.9	-3.3	2.8	1.4
June qtr	1.1	1.4	—	1.1	0.7	0.2	-3.9	0.8	-0.7
Sept. qtr	-0.7	-0.3	-3.0	-1.1	-1.1	-1.0	-2.3	-0.9	-1.7
Dec. qtr	-1.4	-1.0	-4.9	-2.3	-1.9	-2.5	-2.7	-2.2	-2.8

(a) Reference year for chain volume measures is 1996-97. 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									
1995-96	4,800.0	2,581.6	3,118.9	522.2	1,518.1	223.1	171.9	235.0	13,172.7
1996-97	4,714.4	2,610.2	3,158.4	490.5	1,504.6	192.6	178.2	200.3	13,049.3
1997-98	5,417.9	3,519.8	3,660.3	605.4	1,755.4	165.2	229.7	165.0	15,518.5
1997 Sept. qtr	1,236.5	827.2	934.6	143.8	425.5	46.4	58.3	44.6	3,717.0
Dec. qtr	1,374.4	886.7	949.1	158.3	448.5	41.4	53.7	45.3	3,957.4
1998 Mar. qtr	1,333.3	827.5	843.7	148.0	420.8	38.0	54.9	35.6	3,701.7
June qtr	1,473.7	978.4	932.9	155.3	460.6	39.4	62.8	39.5	4,142.4
Sept. qtr	1,515.1	998.1	912.1	175.5	449.6	34.4	67.4	48.0	4,200.7
Dec. qtr	1,520.9	1,080.5	851.4	178.9	488.1	38.7	83.0	46.5	4,288.6
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS									
1995-96	1,165.3	702.0	266.8	127.0	182.7	43.0	32.5	53.3	2,572.1
1996-97	1,087.5	775.3	283.5	122.2	176.9	41.1	22.9	60.6	2,569.9
1997-98	1,319.2	904.9	318.2	131.9	193.3	41.1	25.3	56.3	2,990.1
1997 Sept. qtr	301.6	201.1	80.8	33.9	41.4	9.3	6.0	13.6	687.7
Dec. qtr	365.8	244.9	90.8	36.6	51.4	11.3	5.2	16.4	822.4
1998 Mar. qtr	304.4	211.4	68.6	30.9	52.4	9.9	5.2	11.1	693.9
June qtr	347.4	247.5	78.0	30.5	48.1	10.6	8.9	15.2	786.1
Sept. qtr	379.8	225.0	85.9	38.7	44.1	10.0	7.6	13.5	804.6
Dec. qtr	356.1	264.5	94.2	38.4	56.1	9.8	7.5	16.9	843.7
NON-RESIDENTIAL BUILDING									
1995-96	3,993.7	2,907.8	2,446.6	547.6	832.2	196.5	242.6	319.0	11,486.3
1996-97	4,366.4	3,252.4	2,522.9	663.2	1,063.0	218.2	267.0	401.9	12,754.8
1997-98	4,932.8	2,849.5	2,552.3	668.8	1,112.7	158.1	206.4	368.6	12,849.5
1997 Sept. qtr	1,282.4	743.3	596.9	183.8	309.6	40.0	48.4	97.0	3,301.4
Dec. qtr	1,328.2	695.8	652.1	193.4	298.6	44.3	49.2	86.9	3,348.7
1998 Mar. qtr	1,160.8	661.9	598.1	145.3	258.3	37.1	47.6	75.2	2,984.3
June qtr	1,161.4	748.5	705.2	146.3	246.2	36.7	61.2	109.5	3,215.1
Sept. qtr	1,248.2	847.5	667.9	155.9	221.0	42.8	68.4	83.2	3,334.8
Dec. qtr	1,434.8	919.5	676.6	149.4	227.8	49.9	64.2	88.7	3,610.8
TOTAL BUILDING									
1995-96	9,960.6	6,191.9	5,832.5	1,199.4	2,534.9	462.7	447.2	608.9	27,237.3
1996-97	10,168.3	6,637.8	5,964.9	1,275.9	2,744.6	451.8	468.0	662.8	28,374.1
1997-98	11,669.9	7,274.2	6,530.8	1,406.2	3,061.3	364.4	461.4	589.9	31,358.2
1997 Sept. qtr	2,820.4	1,771.6	1,612.3	361.6	776.5	95.7	112.6	155.3	7,706.1
Dec. qtr	3,068.5	1,827.4	1,692.0	388.3	798.6	97.0	108.1	148.6	8,128.6
1998 Mar. qtr	2,798.5	1,700.9	1,510.4	324.1	731.4	85.0	107.7	121.9	7,379.9
June qtr	2,982.5	1,974.3	1,716.1	332.2	754.8	86.7	133.0	164.1	8,143.6
Sept. qtr	3,143.0	2,070.6	1,665.9	370.0	714.7	87.2	143.5	144.7	8,340.2
Dec. qtr	3,311.8	2,264.5	1,622.3	366.7	772.0	98.4	154.8	152.1	8,743.1

(a) Reference year for chain volume measures is 1996-97. 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									
1995-96	4,593.5	2,508.3	3,024.9	482.6	1,454.8	219.1	159.9	227.0	12,668.7
1996-97	4,772.1	2,692.2	3,193.6	496.3	1,477.9	165.3	186.6	195.2	13,179.2
1997-98	5,581.1	3,796.9	3,614.8	611.2	1,783.8	149.5	263.6	142.0	15,941.3
1997 Sept. qtr	1,356.2	838.8	899.9	135.1	404.5	36.5	59.3	30.2	3,760.5
Dec. qtr	1,452.4	1,036.9	966.3	180.1	459.6	40.6	51.8	46.3	4,233.7
1998 Mar. qtr	1,357.6	855.8	821.4	147.2	410.1	35.8	75.8	32.6	3,735.8
June qtr	1,414.9	1,065.4	927.2	148.8	509.6	36.6	76.7	32.9	4,211.3
Sept. qtr	1,626.7	1,102.5	843.0	178.1	509.3	29.3	62.6	60.7	4,412.9
Dec. qtr	1,280.4	1,004.8	762.3	219.0	508.4	37.7	80.5	49.6	3,943.2
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS									
1995-96	1,019.4	683.4	264.1	117.6	176.2	39.4	28.8	56.8	2,385.6
1996-97	1,098.1	760.9	288.5	116.8	174.5	39.0	23.8	62.8	2,564.6
1997-98	1,362.2	885.4	312.8	132.5	187.7	39.9	25.7	54.4	3,000.8
1997 Sept. qtr	323.3	227.8	80.4	32.4	41.1	10.4	5.4	11.6	732.4
Dec. qtr	349.1	222.2	88.1	33.1	51.4	10.1	4.2	15.1	773.4
1998 Mar. qtr	342.3	185.4	61.8	37.7	50.4	10.4	7.4	12.1	707.5
June qtr	347.5	250.0	82.5	29.3	44.8	9.0	8.7	15.6	787.5
Sept. qtr	391.0	219.0	82.0	33.5	42.6	9.8	7.7	12.8	798.5
Dec. qtr	309.7	266.8	85.1	32.3	57.7	8.9	8.3	16.7	785.6
NON-RESIDENTIAL BUILDING									
1995-96	3,744.0	2,530.3	2,490.5	641.6	874.8	243.1	259.6	338.0	11,130.1
1996-97	4,818.9	2,917.9	2,167.5	568.7	1,155.0	163.0	217.8	379.9	12,388.8
1997-98	5,161.2	3,070.5	3,419.7	536.8	876.3	141.2	229.8	327.6	13,760.3
1997 Sept. qtr	1,402.6	594.2	1,096.1	110.7	245.7	29.9	58.0	55.0	3,592.4
Dec. qtr	1,184.6	1,031.4	648.0	170.4	218.8	37.7	38.1	63.3	3,391.1
1998 Mar. qtr	1,459.8	686.5	705.8	92.5	211.6	29.1	74.5	125.7	3,384.9
June qtr	1,114.2	758.4	969.8	163.2	200.2	44.5	59.2	83.6	3,391.9
Sept. qtr	1,390.4	619.7	393.2	125.7	209.3	56.2	79.6	50.9	2,926.1
Dec. qtr	989.1	940.4	519.0	123.1	313.5	29.7	38.0	30.8	2,984.1
TOTAL BUILDING									
1995-96	9,363.0	5,722.1	5,776.4	1,242.5	2,507.6	501.4	448.1	625.4	26,190.0
1996-97	10,689.1	6,371.1	5,649.6	1,181.9	2,807.3	367.6	428.0	637.9	28,132.5
1997-98	12,113.0	7,751.3	7,351.6	1,276.6	2,850.5	330.9	518.0	527.3	32,702.4
1997 Sept. qtr	3,084.4	1,660.4	2,077.7	277.4	692.0	76.9	122.5	97.4	8,085.3
Dec. qtr	2,988.2	2,290.0	1,703.3	382.5	730.5	88.4	93.9	125.5	8,398.2
1998 Mar. qtr	3,161.9	1,727.4	1,589.9	276.6	672.8	75.4	157.3	171.5	7,828.2
June qtr	2,878.5	2,073.5	1,980.7	340.1	755.2	90.2	144.3	132.9	8,390.7
Sept. qtr	3,410.4	1,941.1	1,318.9	336.2	761.9	95.4	149.6	125.2	8,137.5
Dec. qtr	2,580.9	2,211.5	1,367.2	373.3	880.5	76.3	126.4	97.7	7,712.9

(a) Reference year for chain volume measures is 1996-97. 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								
1997 Sept. qtr	22,808	22,262	23,175	22,634	33,792	31,354	34,721	32,657
Dec. qtr	25,043	22,862	25,567	23,293	36,393	31,953	37,822	33,143
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	23,400	22,334	24,145	22,996	33,681	32,742	35,359	34,108
TREND ESTIMATES								
1997 Sept. qtr	23,432	22,190	23,875	22,544	34,367	31,346	35,432	32,678
Dec. qtr	24,550	22,728	25,007	23,100	35,523	31,979	36,700	33,124
1998 Mar. qtr	25,550	23,745	26,076	24,178	36,647	33,264	37,930	34,319
June qtr	25,606	24,493	26,246	24,988	36,773	34,310	38,136	35,415
Sept. qtr	25,017	24,502	25,760	25,059	36,175	34,581	37,658	35,791
Dec. qtr	24,142	23,873	25,007	24,501	35,145	34,188	36,810	35,532

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)								
1997 Sept. qtr	1.9	2.8	1.3	3.0	3.4	2.0	3.2	1.2
Dec. qtr	9.8	2.7	10.3	2.9	7.7	1.9	8.9	1.5
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	-9.0	-13.3	-9.2	-12.1	-10.7	-8.3	-9.8	-7.4
TREND ESTIMATES (% change from previous quarter)								
1997 Sept. qtr	4.6	3.2	4.5	3.0	4.1	2.9	3.9	2.3
Dec. qtr	4.8	2.4	4.7	2.5	3.4	2.0	3.6	1.4
1998 Mar. qtr	4.1	4.5	4.3	4.7	3.2	4.0	3.4	3.6
June qtr	0.2	3.2	0.7	3.3	0.3	3.1	0.5	3.2
Sept. qtr	-2.3	—	-1.8	0.3	-1.6	0.8	-1.3	1.1
Dec. qtr	-3.5	-2.6	-2.9	-2.2	-2.8	-1.1	-2.3	-0.7

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									
1997 Sept. qtr	11,532	8,072	8,458	1,481	3,916	437	n.a.	311	34,721
Dec. qtr	12,093	8,799	9,032	1,748	4,250	410	n.a.	364	37,822
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	10,923	9,001	7,275	1,768	4,418	358	n.a.	378	35,359
TREND ESTIMATES									
1997 Sept. qtr	11,645	8,129	8,605	1,653	3,991	425	493	418	35,432
Dec. qtr	11,943	8,562	8,929	1,691	4,169	413	552	328	36,700
1998 Mar. qtr	12,524	9,004	9,042	1,724	4,467	393	571	318	37,930
June qtr	12,660	9,255	8,636	1,772	4,673	372	570	367	38,136
Sept. qtr	12,389	9,363	7,988	1,790	4,725	357	564	411	37,658
Dec. qtr	11,811	9,351	7,309	1,814	4,669	347	568	440	36,810

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)									
1997 Sept. qtr	4.6	10.0	2.2	-16.9	0.8	1.8	n.a.	-45.6	3.2
Dec. qtr	4.9	9.0	6.8	18.0	8.5	-6.4	n.a.	17.0	8.9
1998 Mar. qtr	4.1	-1.0	0.6	2.3	2.3	-5.4	n.a.	-4.1	-1.2
June qtr	-2.6	7.3	-2.5	-8.0	9.2	0.4	n.a.	-30.3	1.3
Sept. qtr	9.5	3.4	-11.8	15.9	3.8	-14.1	n.a.	129.9	3.5
Dec. qtr	-18.7	-6.8	-6.8	-7.2	-10.3	7.0	n.a.	-32.4	-9.8
TREND ESTIMATES (% change from previous quarter)									
1997 Sept. qtr	1.1	9.8	2.3	5.1	1.9	-3.5	8.3	-12.2	3.9
Dec. qtr	2.6	5.3	3.8	2.3	4.5	-2.8	11.8	-21.6	3.6
1998 Mar. qtr	4.9	5.2	1.3	2.0	7.2	-4.7	3.4	-3.1	3.4
June qtr	1.1	2.8	-4.5	2.8	4.6	-5.3	-0.2	15.5	0.5
Sept. qtr	-2.1	1.2	-7.5	1.0	1.1	-4.2	-1.0	12.1	-1.3
Dec. qtr	-4.7	-0.1	-8.5	1.3	-1.2	-2.8	0.7	7.1	-2.3

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									
1997 Sept. qtr	9,537	7,324	8,724	n.a.	3,827	496	n.a.	436	32,657
Dec. qtr	11,557	6,875	7,895	n.a.	4,099	509	n.a.	457	33,143
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	11,894	7,874	7,888	n.a.	3,922	365	n.a.	304	34,108
TREND ESTIMATES									
1997 Sept. qtr	10,296	7,002	8,371	1,620	3,860	529	472	463	32,678
Dec. qtr	10,533	7,297	8,290	1,639	4,013	504	502	420	33,124
1998 Mar. qtr	10,804	7,885	8,510	1,614	4,166	469	504	389	34,319
June qtr	10,988	8,352	8,820	1,617	4,233	444	511	372	35,415
Sept. qtr	11,274	8,469	8,862	1,675	4,197	410	527	356	35,791
Dec. qtr	11,729	8,256	8,569	1,755	4,098	386	542	343	35,532

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

<i>Period</i>	<i>New residential building</i>		<i>Alterations and additions to residential buildings</i>	<i>Non-residential building</i>		<i>Total building</i>			
	<i>Houses</i>			<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>		
	<i>Private sector</i>	<i>Total</i>						<i>Other residential building</i>	<i>Total</i>
SEASONALLY ADJUSTED									
1997 Sept. qtr	2,565.1	2,608.4	1,017.2	3,639.2	686.2	2,364.2	3,250.5	6,581.5	7,550.3
Dec. qtr	2,692.4	2,744.9	1,082.3	3,812.7	744.6	2,384.2	3,281.7	6,858.9	7,855.4
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	2,825.0	2,904.8	1,351.7	4,232.5	773.7	2,725.2	3,670.4	7,613.2	8,692.3
TREND ESTIMATES									
1997 Sept. qtr	2,566.0	2,613.7	1,021.4	3,637.0	702.3	2,347.3	3,239.4	6,583.0	7,574.2
Dec. qtr	2,710.0	2,757.4	1,086.5	3,842.1	741.2	2,410.0	3,298.8	6,877.1	7,885.4
1998 Mar. qtr	2,829.7	2,878.0	1,170.8	4,048.4	782.1	2,466.3	3,371.8	7,175.1	8,206.2
June qtr	2,875.7	2,929.8	1,243.5	4,175.0	799.0	2,513.3	3,406.3	7,343.7	8,378.4
Sept. qtr	2,873.3	2,937.4	1,298.5	4,235.5	798.1	2,584.9	3,475.9	7,471.7	8,503.2
Dec. qtr	2,844.9	2,922.3	1,344.8	4,257.1	789.0	2,671.8	3,570.0	7,582.0	8,616.4

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									
1997 Sept. qtr	2,569.7	2,617.7	1,081.6	3,696.9	721.8	n.a.	3,927.1	6,749.3	8,282.2
Dec. qtr	2,864.1	2,916.1	1,257.8	4,156.6	735.0	n.a.	3,493.4	7,441.4	8,358.8
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	2,829.0	2,907.0	1,046.3	3,941.2	756.8	n.a.	3,175.9	6,730.8	7,849.5
TREND ESTIMATES									
1997 Sept. qtr	2,630.3	2,679.7	1,114.0	3,791.1	717.9	2,402.2	3,520.7	6,805.5	8,004.3
Dec. qtr	2,775.5	2,824.2	1,172.7	3,993.0	753.3	2,439.1	3,593.7	7,052.5	8,311.8
1998 Mar. qtr	2,902.6	2,954.9	1,236.9	4,193.5	781.1	2,485.6	3,510.8	7,297.1	8,482.4
June qtr	2,943.6	3,006.7	1,249.3	4,259.4	788.0	2,513.1	3,406.1	7,398.6	8,471.9
Sept. qtr	2,935.0	3,010.7	1,222.0	4,231.2	781.2	2,506.2	3,344.8	7,374.1	8,364.2
Dec. qtr	2,907.0	2,994.6	1,170.3	4,150.3	766.6	2,454.2	3,252.2	7,244.5	8,142.1

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
SEASONALLY ADJUSTED									
1997 Sept. qtr	2,459.0	2,502.8	940.4	3,475.4	641.2	2,960.0	3,440.7	6,790.6	7,508.7
Dec. qtr	2,579.2	2,625.5	929.0	3,564.5	685.2	2,601.1	3,406.7	6,813.4	7,806.2
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	2,640.0	2,709.7	1,152.9	3,872.3	680.6	2,272.4	2,835.2	6,731.8	7,491.5
TREND ESTIMATES									
1997 Sept. qtr	2,479.6	2,524.7	966.9	3,497.2	660.7	2,604.0	3,370.3	6,609.5	7,534.9
Dec. qtr	2,558.3	2,604.7	923.3	3,532.7	709.9	2,577.7	3,395.7	6,690.9	7,656.4
1998 Mar. qtr	2,695.3	2,742.8	948.9	3,686.5	749.1	2,350.2	3,275.3	6,670.8	7,686.4
June qtr	2,808.3	2,859.5	1,017.1	3,868.0	751.2	2,143.1	3,065.1	6,659.3	7,656.1
Sept. qtr	2,840.6	2,897.3	1,097.4	4,000.3	728.1	2,131.2	2,894.9	6,732.4	7,622.7
Dec. qtr	2,807.0	2,871.1	1,163.1	4,070.4	694.6	2,181.5	2,783.8	6,805.8	7,591.9

TABLE 15. NUMBER AND VALUE OF BUILDING COMMENCED: ORIGINAL

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
1995-96	84,207	31,677	2,250	118,134	8,747.4	3,318.6	12,066.0	2,312.5	14,378.5	8,111.2	22,489.7
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
1997 Sept. qtr	23,334	9,648	1,092	34,074	2,646.9	1,024.7	3,671.6	721.5	4,393.1	2,237.2	6,630.2
Dec. qtr	26,245	10,602	898	37,745	2,977.7	1,222.4	4,200.1	763.0	4,963.2	2,820.8	7,784.0
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	24,535	9,252	1,150	34,937	2,942.3	1,006.6	3,948.9	785.1	4,734.0	2,312.4	7,046.4
PUBLIC SECTOR											
1995-96	1,966	4,453	131	6,550	194.3	328.0	522.3	70.4	592.8	2,795.0	3,387.8
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
1997 Sept. qtr	506	706	27	1,239	54.9	59.6	114.5	13.3	127.8	1,440.0	1,567.8
Dec. qtr	443	492	5	940	46.6	39.5	86.1	17.9	104.0	689.7	793.6
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	531	30	1,237	73.5	43.9	117.4	18.0	135.4	872.7	1,008.0
TOTAL											
1995-96	86,173	36,130	2,381	124,684	8,941.8	3,646.6	12,588.4	2,383.0	14,971.3	10,906.2	25,877.5
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
1997 Sept. qtr	23,840	10,354	1,119	35,313	2,701.8	1,084.3	3,786.1	734.8	4,520.8	3,677.2	8,198.0
Dec. qtr	26,688	11,094	903	38,685	3,024.3	1,261.9	4,286.2	780.9	5,067.1	3,510.5	8,577.6
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	25,211	9,783	1,180	36,174	3,015.8	1,050.5	4,066.3	803.1	4,869.4	3,185.1	8,054.4

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

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
PRIVATE SECTOR											
1995-96	821.7	1,982.5	992.4	1,157.2	1,307.2	371.7	74.7	318.1	672.3	413.5	8,111.2
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
1997 Sept. qtr	231.1	568.2	221.8	404.0	415.6	112.0	16.3	98.6	112.2	57.4	2,237.2
Dec. qtr	373.9	431.0	236.0	653.5	303.5	112.3	24.0	100.4	528.3	57.9	2,820.8
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	332.5	589.4	226.3	332.7	361.1	104.9	24.0	137.5	158.7	45.4	2,312.4
PUBLIC SECTOR											
1995-96	5.5	82.4	15.8	501.2	318.7	875.4	2.9	372.6	312.0	308.4	2,795.0
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
1997 Sept. qtr	0.7	11.9	7.0	173.0	137.0	213.1	0.1	419.3	305.0	173.1	1,440.0
Dec. qtr	2.3	6.2	2.2	80.6	92.7	178.2	—	206.0	46.9	74.7	689.7
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	30.6	3.3	67.2	77.9	266.5	0.6	112.4	205.6	106.7	872.7
TOTAL											
1995-96	827.3	2,064.9	1,008.2	1,658.4	1,625.9	1,247.1	77.6	690.7	984.3	721.9	10,906.2
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
1997 Sept. qtr	231.8	580.1	228.8	576.9	552.6	325.0	16.4	517.9	417.2	230.5	3,677.2
Dec. qtr	376.2	437.2	238.1	734.1	396.2	290.5	24.0	306.3	575.1	132.6	3,510.5
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	334.5	620.0	229.6	399.9	439.0	371.4	24.6	249.8	364.3	152.1	3,185.1

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

	<i>Number of dwelling units</i>				<i>Value (\$m)</i>						
	<i>New houses</i>	<i>New other residential building</i>	<i>Conversions etc.</i>	<i>Total dwelling units</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
PRIVATE SECTOR											
1995-96	33,191	24,744	2,121	60,056	3,873.8	3,158.2	7,032.0	1,098.7	8,130.8	7,278.9	15,409.7
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
1997 Sept. qtr	36,442	28,265	3,452	68,159	4,586.2	3,684.1	8,270.3	1,357.0	9,627.3	8,700.1	18,327.4
Dec. qtr	36,965	29,674	3,637	70,276	4,670.6	4,117.1	8,787.7	1,379.0	10,166.7	8,414.8	18,581.5
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	40,571	32,814	3,761	77,146	5,367.4	4,807.0	10,174.4	1,670.5	11,844.9	9,936.5	21,781.4
PUBLIC SECTOR											
1995-96	543	2,693	101	3,337	53.5	214.3	267.8	25.7	293.5	2,936.7	3,230.2
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
1997 Sept. qtr	633	1,485	139	2,257	70.6	134.3	204.9	28.9	233.8	4,082.1	4,315.9
Dec. qtr	559	1,090	5	1,654	59.8	95.9	155.7	16.5	172.2	3,958.9	4,131.1
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	1,214	1,460	34	2,708	112.1	121.1	233.2	29.1	262.2	4,621.6	4,883.8
TOTAL											
1995-96	33,734	27,437	2,222	63,393	3,927.3	3,372.5	7,299.9	1,124.4	8,424.3	10,215.6	18,639.9
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
1997 Sept. qtr	37,075	29,750	3,591	70,416	4,656.8	3,818.3	8,475.2	1,385.9	9,861.1	12,782.2	22,643.3
Dec. qtr	37,524	30,764	3,642	71,930	4,730.4	4,213.0	8,943.3	1,395.5	10,338.9	12,373.7	22,712.6
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	41,785	34,274	3,795	79,854	5,479.5	4,928.1	10,407.5	1,699.6	12,107.1	14,558.1	26,665.2

**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											
1995-96	1,065.6	1,759.8	755.5	651.7	949.9	228.0	59.9	261.9	1,277.0	269.7	7,278.9
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
1997 Sept. qtr	1,548.3	1,878.5	594.3	1,388.1	1,184.7	251.0	64.1	476.2	1,103.0	211.9	8,700.1
Dec. qtr	1,559.5	1,481.5	518.3	1,718.3	1,111.8	267.6	79.8	455.2	1,071.3	151.4	8,414.8
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	1,613.1	1,905.3	517.3	2,473.7	1,080.4	284.7	68.7	567.5	1,305.5	120.3	9,936.5
PUBLIC SECTOR											
1995-96	2.5	44.8	6.5	638.0	279.0	752.6	0.2	622.7	243.3	347.2	2,936.7
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
1997 Sept. qtr	7.5	80.5	37.3	618.2	358.7	882.9	1.4	1,107.2	556.3	432.2	4,082.1
Dec. qtr	6.4	18.1	4.8	532.7	379.6	816.5	—	1,229.1	563.4	408.3	3,958.9
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	34.8	10.0	359.4	741.6	952.2	0.6	1,433.0	581.4	506.8	4,621.6
TOTAL											
1995-96	1,068.1	1,804.6	762.0	1,289.7	1,228.9	980.6	60.1	884.5	1,520.3	617.0	10,215.6
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
1997 Sept. qtr	1,555.8	1,959.0	631.7	2,006.3	1,543.3	1,133.9	65.5	1,583.4	1,659.3	644.1	12,782.2
Dec. qtr	1,565.9	1,499.6	523.1	2,251.0	1,491.4	1,084.2	79.8	1,684.3	1,634.7	559.7	12,373.7
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	1,615.0	1,940.1	527.3	2,833.1	1,822.0	1,236.9	69.3	2,000.5	1,886.9	627.1	14,558.1

TABLE 19. NUMBER AND VALUE OF BUILDING COMPLETED: ORIGINAL

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
1995-96	92,451	36,633	2,879	131,962	9,654.0	3,586.7	13,240.7	2,668.5	15,909.2	7,639.5	23,548.7
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
1997 Sept. qtr	21,911	9,007	706	31,624	2,440.8	910.3	3,351.1	616.7	3,967.8	2,819.6	6,787.4
Dec. qtr	25,629	9,116	710	35,455	2,925.6	965.8	3,891.4	771.3	4,662.7	3,298.7	7,961.4
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	25,026	10,696	574	36,297	2,994.9	1,222.1	4,217.0	764.8	4,981.8	2,896.1	7,878.0
PUBLIC SECTOR											
1995-96	2,359	4,488	53	6,900	228.2	328.9	557.0	60.0	617.0	3,610.6	4,227.7
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
1997 Sept. qtr	420	802	41	1,263	44.8	60.5	105.3	15.6	120.9	744.3	865.2
Dec. qtr	514	887	139	1,540	57.1	75.0	132.1	22.0	154.1	865.6	1,019.8
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	774	955	7	1,736	84.2	68.2	152.4	23.0	175.4	579.9	755.3
TOTAL											
1995-96	94,810	41,121	2,932	138,862	9,882.1	3,915.6	13,797.7	2,728.5	16,526.2	11,250.1	27,776.4
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
1997 Sept. qtr	22,331	9,809	747	32,887	2,485.7	970.8	3,456.4	632.3	4,088.7	3,563.9	7,652.6
Dec. qtr	26,143	10,003	849	36,995	2,982.8	1,040.7	4,023.5	793.3	4,816.8	4,164.3	8,981.1
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	25,800	11,651	581	38,033	3,079.0	1,290.3	4,369.4	787.9	5,157.2	3,476.0	8,633.2

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>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
PRIVATE SECTOR											
1995-96	413.8	2,287.9	777.1	1,299.1	1,050.0	349.5	87.2	419.9	607.4	347.7	7,639.5
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
1997 Sept. qtr	160.8	558.3	323.2	353.6	343.9	53.0	21.3	91.7	803.3	110.4	2,819.6
Dec. qtr	422.2	902.6	312.7	344.8	373.6	97.0	17.3	130.1	574.9	123.3	3,298.7
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	309.8	739.4	182.8	446.7	680.6	99.5	29.3	127.1	178.5	102.3	2,896.1
PUBLIC SECTOR											
1995-96	7.3	60.9	96.3	550.2	592.1	902.3	2.7	590.1	522.6	286.2	3,610.6
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
1997 Sept. qtr	—	13.3	4.8	89.2	147.2	153.4	—	56.2	127.7	152.6	744.3
Dec. qtr	3.6	72.5	34.4	179.1	73.0	252.9	1.1	86.2	62.0	100.9	865.6
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	72.3	70.9	183.7	—	142.4	46.2	49.7	579.9
TOTAL											
1995-96	421.1	2,348.8	873.3	1,849.3	1,642.1	1,251.8	89.9	1,010.0	1,130.0	633.9	11,250.1
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
1997 Sept. qtr	160.8	571.6	328.0	442.8	491.1	206.4	21.3	147.9	931.0	263.0	3,563.9
Dec. qtr	425.8	975.1	347.0	523.9	446.6	349.9	18.4	216.3	636.9	224.3	4,164.3
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	311.1	747.1	188.5	519.0	751.5	283.3	29.3	269.5	224.7	152.0	3,476.0

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							
1995-96	9,163.3	3,406.6	12,569.8	2,504.6	15,074.5	8,274.6	23,349.1
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
1997 Sept. qtr	2,608.3	1,023.5	3,631.8	672.7	4,304.5	2,500.1	6,804.7
Dec. qtr	2,844.0	1,054.7	3,898.7	812.8	4,711.5	2,538.6	7,250.0
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	2,983.3	1,323.5	4,306.7	837.4	5,144.1	2,900.0	8,044.1
PUBLIC SECTOR							
1995-96	213.3	327.6	540.9	61.6	602.5	3,064.8	3,667.3
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
1997 Sept. qtr	49.8	52.6	102.5	15.6	118.0	873.2	991.3
Dec. qtr	52.3	48.8	101.1	14.5	115.7	923.2	1,038.9
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	81.0	51.4	132.4	22.3	154.6	968.5	1,123.1
TOTAL							
1995-96	9,376.6	3,734.2	13,110.7	2,566.2	15,677.0	11,339.4	27,016.4
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
1997 Sept. qtr	2,658.1	1,076.2	3,734.3	688.2	4,422.5	3,373.4	7,795.9
Dec. qtr	2,896.3	1,103.5	3,999.8	827.3	4,827.1	3,461.8	8,288.9
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	3,064.2	1,374.9	4,439.1	859.6	5,298.7	3,868.5	9,167.2

**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											
1995-96	632.1	2,003.3	963.1	1,179.4	1,263.5	387.1	80.6	319.5	1,068.4	377.6	8,274.6
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
1997 Sept. qtr	234.8	651.4	282.2	397.7	366.5	88.7	17.7	132.0	254.9	74.2	2,500.1
Dec. qtr	290.1	627.0	262.8	393.7	383.9	129.5	26.6	124.4	233.8	66.8	2,538.6
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	327.1	639.1	219.4	630.0	469.1	138.3	22.9	118.0	273.7	62.5	2,900.0
PUBLIC SECTOR											
1995-96	5.8	68.4	36.8	584.4	403.8	889.8	2.8	407.1	316.0	349.8	3,064.8
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
1997 Sept. qtr	1.5	27.3	10.4	146.5	102.2	241.8	0.6	150.7	90.3	102.0	873.2
Dec. qtr	2.8	17.6	6.4	126.8	115.4	259.4	0.1	172.6	131.8	90.5	923.2
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	6.0	5.2	90.7	153.3	266.7	0.5	211.9	104.5	127.9	968.5
TOTAL											
1995-96	638.0	2,071.7	999.8	1,763.8	1,667.4	1,276.9	83.4	726.7	1,384.4	727.4	11,339.4
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
1997 Sept. qtr	236.3	678.7	292.6	544.2	468.7	330.5	18.3	282.7	345.1	176.2	3,373.4
Dec. qtr	292.9	644.6	269.2	520.5	499.2	388.9	26.6	297.0	365.5	157.3	3,461.8
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	328.9	645.1	224.6	720.7	622.3	404.9	23.4	329.9	378.2	190.4	3,868.5

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

	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
PRIVATE SECTOR							
1995-96	1,798.8	1,774.9	3,573.7	443.8	4,017.5	3,795.9	7,813.4
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
1997 Sept. qtr	2,145.2	2,022.1	4,167.3	637.8	4,805.1	4,259.5	9,064.6
Dec. qtr	2,321.5	2,374.7	4,696.2	618.7	5,314.9	4,737.3	10,052.2
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	2,678.3	2,300.2	4,978.5	708.7	5,687.2	4,735.0	10,422.2
PUBLIC SECTOR							
1995-96	22.9	104.6	127.4	15.2	142.6	1,384.3	1,526.9
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
1997 Sept. qtr	31.3	62.4	93.7	13.4	107.1	2,290.9	2,398.0
Dec. qtr	25.4	50.2	75.6	8.5	84.1	2,132.3	2,216.4
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	57.6	61.8	119.4	12.7	132.1	2,380.6	2,512.7
TOTAL							
1995-96	1,821.7	1,879.4	3,701.1	459.0	4,160.1	5,180.2	9,340.3
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
1997 Sept. qtr	2,176.5	2,084.5	4,261.0	651.2	4,912.2	6,550.3	11,462.5
Dec. qtr	2,346.9	2,424.9	4,771.8	627.2	5,399.0	6,869.7	12,268.7
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	2,735.9	2,362.1	5,097.9	721.4	5,819.3	7,115.5	12,934.9

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											
1995-96	667.4	1,071.8	318.6	374.3	417.7	108.8	27.9	135.1	541.8	132.6	3,795.9
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
1997 Sept. qtr	891.6	897.8	245.5	869.0	508.3	134.8	33.3	243.0	365.7	70.5	4,259.5
Dec. qtr	1,035.1	778.0	219.4	1,150.5	425.6	119.0	39.8	227.8	675.1	66.9	4,737.3
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	983.5	919.2	223.5	1,272.7	401.9	131.2	35.6	255.4	457.3	54.7	4,735.0
PUBLIC SECTOR											
1995-96	1.8	31.1	2.5	286.1	142.6	402.6	—	226.8	155.2	135.5	1,384.3
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
1997 Sept. qtr	4.4	14.4	6.5	313.8	203.1	437.2	0.3	662.2	372.0	276.9	2,290.9
Dec. qtr	4.0	6.9	2.0	288.2	181.7	375.2	—	701.3	309.4	263.8	2,132.3
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	26.9	4.6	146.8	373.6	468.9	0.1	835.0	334.0	190.0	2,380.6
TOTAL											
1995-96	669.2	1,102.9	321.1	660.4	560.3	511.4	27.9	361.9	697.0	268.1	5,180.2
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
1997 Sept. qtr	896.0	912.2	252.0	1,182.7	711.4	572.0	33.6	905.3	737.7	347.4	6,550.3
Dec. qtr	1,039.1	784.8	221.3	1,438.7	607.3	494.2	39.8	929.1	984.5	330.7	6,869.7
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	984.1	946.1	228.1	1,419.5	775.5	600.1	35.7	1,090.4	791.2	244.7	7,115.5

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
1997-98											
NSW	26,764	19,852	1,821	48,437	3,284.5	2,479.8	5,764.3	1,384.0	7,148.3	5,471.6	12,619.9
Vic.	26,004	7,598	1,340	34,942	3,004.5	846.0	3,850.5	891.1	4,741.6	3,189.8	7,931.4
Qld	23,754	11,222	441	35,418	2,621.3	979.5	3,600.8	310.0	3,910.8	3,467.1	7,377.9
SA	5,823	741	89	6,653	540.7	74.0	614.7	134.5	749.2	550.7	1,299.9
WA	14,790	2,360	115	17,265	1,574.6	212.8	1,787.4	188.1	1,975.5	888.3	2,863.8
Tas.	1,387	231	3	1,622	130.7	18.9	149.6	40.0	189.6	141.8	331.4
NT	1,219	952	14	2,185	156.7	114.4	271.0	26.3	297.3	236.9	534.3
ACT	1,022	236	2	1,260	123.2	19.5	142.7	54.3	196.9	341.0	538.0
Australia	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
SEPTEMBER QUARTER 1998											
NSW	7,471	5,798	406	13,675	975.0	734.2	1,709.2	399.5	2,108.6	1,521.4	3,630.0
Vic.	7,362	2,000	299	9,662	862.4	263.6	1,126.0	221.9	1,347.9	653.4	2,001.3
Qld	5,368	2,627	30	8,025	614.5	230.4	844.9	81.5	926.4	405.8	1,332.2
SA	1,610	336	34	1,980	152.9	31.7	184.7	35.0	219.6	131.1	350.7
WA	4,418	602	12	5,032	454.3	63.3	517.6	43.5	561.2	213.6	774.7
Tas.	298	12	2	312	28.7	0.6	29.3	9.8	39.1	56.8	96.0
NT	374	120	3	497	52.8	11.6	64.4	7.8	72.3	83.6	155.8
ACT	424	116	—	540	50.3	11.0	61.4	12.8	74.2	53.7	127.9
Australia	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
DECEMBER QUARTER 1998											
NSW	6,109	4,690	485	11,284	818.0	532.6	1,350.5	319.2	1,669.8	1,091.7	2,761.5
Vic.	7,335	1,550	548	9,433	868.1	160.4	1,028.5	271.7	1,300.3	998.3	2,298.6
Qld	5,095	2,402	100	7,597	570.4	195.2	765.6	84.6	850.1	541.2	1,391.3
SA	1,666	263	3	1,932	168.5	59.4	228.0	33.7	261.7	128.9	390.6
WA	3,951	488	37	4,477	457.3	65.0	522.3	59.7	582.0	322.1	904.1
Tas.	332	54	3	389	34.4	3.4	37.8	8.9	46.7	30.2	76.8
NT	450	191	4	645	64.2	18.9	83.1	8.5	91.6	40.1	131.7
ACT	273	145	—	418	35.0	15.6	50.5	16.7	67.3	32.6	99.9
Australia	25,211	9,783	1,180	36,174	3,015.8	1,050.5	4,066.3	803.1	4,869.4	3,185.1	8,054.4

**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>
1997-98											
NSW	546.6	613.1	330.9	1,309.7	1,049.3	449.2	19.2	359.2	605.1	189.5	5,471.6
Vic.	140.6	598.5	241.8	428.6	632.1	270.9	18.3	250.2	453.5	155.3	3,189.8
Qld	287.7	538.0	146.4	269.3	357.2	283.1	18.1	1,085.7	217.3	264.2	3,467.1
SA	10.0	92.4	45.0	96.1	100.7	67.9	7.0	45.1	63.2	23.2	550.7
WA	56.0	176.7	91.2	127.1	151.6	121.4	6.6	50.4	64.2	43.1	888.3
Tas.	10.6	14.5	9.2	19.7	37.3	25.7	1.1	9.5	4.5	9.9	141.8
NT	0.6	34.7	5.7	32.8	68.2	24.9	0.1	6.8	16.0	47.2	236.9
ACT	10.0	92.0	0.2	103.8	7.9	56.6	3.2	31.2	26.6	9.6	341.0
Australia	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
SEPTEMBER QUARTER 1998											
NSW	201.5	262.3	84.9	548.3	155.6	72.5	15.8	34.8	114.4	31.2	1,521.4
Vic.	12.9	111.3	54.9	102.5	131.1	132.6	3.6	26.7	53.0	24.7	653.4
Qld	23.4	86.8	37.9	43.0	51.0	81.6	2.4	38.5	31.5	9.7	405.8
SA	15.7	13.7	23.4	13.2	19.8	26.2	0.2	8.6	5.5	4.7	131.1
WA	6.6	48.7	26.5	24.7	40.5	21.8	1.1	13.0	22.7	7.8	213.6
Tas.	0.4	3.8	3.6	8.2	4.6	4.7	—	28.5	1.4	1.8	56.8
NT	—	11.3	1.6	41.5	5.3	7.1	0.1	1.2	0.6	14.7	83.6
ACT	—	4.1	—	10.0	9.9	15.7	0.2	0.8	8.1	4.9	53.7
Australia	260.6	542.0	232.8	791.4	417.9	362.3	23.5	152.2	237.2	99.4	3,119.4
DECEMBER QUARTER 1998											
NSW	74.7	247.6	86.9	173.9	177.9	94.3	9.8	58.6	128.1	40.1	1,091.7
Vic.	90.4	134.5	80.6	114.8	141.8	161.8	5.7	81.4	150.0	37.3	998.3
Qld	146.5	64.0	26.8	45.9	60.3	33.7	6.5	80.4	23.7	53.4	541.2
SA	5.3	19.1	11.6	18.6	25.6	25.0	0.8	17.2	4.8	1.0	128.9
WA	16.9	140.4	18.4	20.0	22.0	41.5	1.3	7.2	40.6	13.8	322.1
Tas.	0.2	8.7	5.3	2.4	5.3	4.5	0.1	2.8	0.2	0.8	30.2
NT	0.4	2.4	—	4.0	6.1	3.1	0.1	2.2	16.6	5.3	40.1
ACT	0.1	3.4	—	20.3	0.1	7.7	0.2	—	0.4	0.4	32.6
Australia	334.5	620.0	229.6	399.9	439.0	371.4	24.6	249.8	364.3	152.1	3,185.1

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
1997-98											
NSW	12,050	19,774	2,134	33,959	1,673.6	3,165.2	4,838.9	862.3	5,701.1	7,026.9	12,728.1
Vic.	12,368	5,148	725	18,241	1,588.9	685.2	2,274.1	412.4	2,686.5	2,856.2	5,542.6
Qld	6,625	7,200	464	14,289	828.8	751.3	1,580.1	103.4	1,683.5	2,874.9	4,558.3
SA	2,283	476	75	2,834	246.1	54.0	300.1	62.9	363.1	394.9	757.9
WA	5,930	1,611	101	7,642	751.6	163.4	915.0	76.8	991.8	589.9	1,581.6
Tas.	1,119	185	4	1,309	103.9	12.2	116.1	16.6	132.8	84.4	217.2
NT	457	548	4	1,009	63.4	71.8	135.2	11.3	146.5	147.8	294.3
ACT	306	245	5	556	46.0	28.3	74.3	20.5	94.8	414.0	508.9
Australia	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
SEPTEMBER QUARTER 1998											
NSW	12,893	20,961	2,122	35,976	1,825.3	3,352.6	5,177.9	974.5	6,152.4	7,670.2	13,822.6
Vic.	12,740	5,404	784	18,928	1,654.4	772.4	2,426.8	412.1	2,838.9	2,917.7	5,756.6
Qld	5,767	6,666	145	12,578	736.8	638.1	1,374.9	106.4	1,481.3	2,536.4	4,017.8
SA	2,320	651	74	3,045	249.6	73.0	322.6	64.3	387.0	428.0	814.9
WA	6,729	1,689	59	8,477	813.5	183.1	996.5	75.7	1,072.3	523.6	1,595.8
Tas.	1,046	147	6	1,199	97.0	9.1	106.2	17.9	124.1	88.2	212.3
NT	522	471	5	998	75.9	67.1	142.9	10.7	153.6	173.1	326.7
ACT	480	218	2	700	64.3	19.7	84.0	19.4	103.4	368.6	472.0
Australia	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
DECEMBER QUARTER 1998											
NSW	11,857	20,300	2,458	34,615	1,760.5	3,267.4	5,027.9	963.5	5,991.3	7,359.4	13,350.7
Vic.	13,353	5,060	1,059	19,472	1,706.1	715.6	2,421.7	439.3	2,861.0	3,152.4	6,013.4
Qld	5,286	5,771	193	11,250	656.6	543.2	1,199.8	109.7	1,309.5	2,472.2	3,781.7
SA	2,332	738	5	3,075	249.9	112.0	361.9	50.4	412.3	364.8	777.1
WA	6,967	1,559	69	8,595	870.2	196.6	1,066.8	87.9	1,154.7	589.1	1,743.8
Tas.	1,008	162	5	1,175	96.5	10.4	106.9	17.4	124.3	83.6	207.9
NT	546	426	5	977	80.4	57.9	138.2	10.6	148.8	160.8	309.6
ACT	435	258	1	694	59.3	25.1	84.4	20.7	105.1	375.8	480.9
Australia	41,785	34,274	3,795	79,854	5,479.5	4,928.1	10,407.5	1,699.6	12,107.1	14,558.1	26,665.2

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>
1997-98											
NSW	844.3	818.7	185.4	1,839.4	1,285.2	376.0	19.1	507.3	1,003.0	148.6	7,026.9
Vic.	411.8	406.6	141.9	241.6	422.0	320.2	10.5	279.8	407.4	214.3	2,856.2
Qld	295.5	349.2	72.1	170.0	164.1	188.0	14.5	1,204.8	204.2	212.2	2,874.9
SA	5.2	68.7	24.6	59.7	72.6	37.7	7.1	69.7	36.6	12.9	394.9
WA	49.9	77.5	33.7	65.8	63.5	60.2	3.3	149.9	62.0	24.1	589.9
Tas.	0.7	5.8	7.2	7.2	13.5	13.7	1.5	16.4	4.2	14.1	84.4
NT	0.9	15.1	2.0	17.3	48.3	9.6	—	5.1	10.8	38.8	147.8
ACT	6.4	84.4	0.1	243.1	2.1	38.7	3.9	15.4	18.5	1.6	414.0
Australia	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
SEPTEMBER QUARTER 1998											
NSW	941.3	1,002.0	194.4	2,210.4	1,325.7	361.5	32.8	415.0	1,030.5	156.5	7,670.2
Vic.	387.3	461.0	124.2	237.1	419.2	420.3	9.5	210.4	440.7	207.9	2,917.7
Qld	222.3	309.9	79.5	97.8	141.4	166.1	15.4	1,181.0	142.8	180.2	2,536.4
SA	19.1	59.8	41.3	61.6	78.5	48.6	5.5	59.4	39.0	15.1	428.0
WA	35.1	87.4	31.6	71.7	63.1	51.1	4.1	113.7	48.4	17.4	523.6
Tas.	1.1	3.8	3.6	7.2	11.0	10.2	1.5	43.4	4.1	2.2	88.2
NT	0.9	10.0	1.6	44.2	49.2	10.1	0.1	5.9	11.3	39.8	173.1
ACT	1.2	68.1	—	186.9	10.6	52.6	3.4	15.2	25.3	5.3	368.6
Australia	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
DECEMBER QUARTER 1998											
NSW	823.2	924.4	215.2	2,193.5	1,132.8	399.1	35.5	400.0	1,103.9	131.8	7,359.4
Vic.	444.3	431.5	138.7	243.9	399.5	479.4	10.3	252.7	546.2	205.9	3,152.4
Qld	283.3	271.5	76.6	84.4	121.8	165.3	10.4	1,133.3	111.4	214.1	2,472.2
SA	20.7	52.9	52.5	14.6	63.3	58.6	6.1	69.7	16.8	9.5	364.8
WA	42.1	178.9	38.7	54.9	40.0	61.1	2.6	77.1	72.3	21.3	589.1
Tas.	0.6	7.8	5.3	0.8	7.5	12.1	1.6	45.3	2.1	0.4	83.6
NT	0.6	6.4	0.3	44.1	45.2	2.3	—	7.0	15.7	39.1	160.8
ACT	0.1	66.7	—	196.9	11.9	59.1	2.6	15.2	18.4	4.9	375.8
Australia	1,615.0	1,940.1	527.3	2,833.1	1,822.0	1,236.9	69.3	2,000.5	1,886.9	627.1	14,558.1

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
1997-98											
NSW	25,385	15,890	1,304	42,579	3,141.8	1,760.2	4,902.1	1,207.6	6,109.6	4,658.6	10,768.2
Vic.	22,425	6,542	1,558	30,525	2,531.3	682.2	3,213.6	866.6	4,080.2	3,492.2	7,572.4
Qld	23,373	9,991	417	33,782	2,568.5	920.4	3,488.8	304.6	3,793.4	2,409.5	6,202.9
SA	5,693	705	46	6,444	514.7	59.9	574.7	125.0	699.7	744.0	1,443.7
WA	14,124	2,120	50	16,294	1,511.7	207.5	1,719.2	188.6	1,907.8	1,136.4	3,044.1
Tas.	1,520	384	13	1,917	144.6	37.4	182.0	42.6	224.7	197.8	422.5
NT	1,142	859	18	2,019	142.4	81.3	223.7	27.1	250.9	213.2	464.1
ACT	1,099	415	131	1,645	123.8	39.1	162.9	60.7	223.6	423.2	646.9
Australia	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
SEPTEMBER QUARTER 1998											
NSW	6,536	4,379	418	11,333	830.5	561.9	1,392.4	325.1	1,717.5	894.6	2,612.1
Vic.	6,951	1,700	240	8,891	812.8	185.1	997.9	236.8	1,234.7	658.0	1,892.7
Qld	6,225	3,041	349	9,615	716.4	342.9	1,059.3	80.7	1,140.0	726.9	1,866.8
SA	1,567	161	35	1,763	152.4	13.4	165.8	36.1	201.9	106.7	308.6
WA	3,620	520	54	4,194	395.6	47.9	443.5	46.9	490.4	283.8	774.2
Tas.	356	46	—	402	35.1	3.4	38.5	8.7	47.2	51.5	98.7
NT	307	205	2	514	40.3	16.9	57.3	8.7	65.9	56.7	122.6
ACT	251	143	3	397	31.9	19.5	51.5	14.6	66.1	100.7	166.8
Australia	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
DECEMBER QUARTER 1998											
NSW	7,118	5,324	148	12,590	897.9	646.3	1,544.1	318.0	1,862.1	1,500.8	3,362.9
Vic.	6,722	1,889	273	8,884	826.5	226.1	1,052.6	251.8	1,304.4	820.4	2,124.9
Qld	5,557	3,297	52	8,906	654.4	300.9	955.3	84.5	1,039.8	570.0	1,609.8
SA	1,643	176	72	1,891	171.2	21.6	192.7	49.0	241.8	202.1	443.8
WA	3,660	587	27	4,275	394.7	54.0	448.7	50.2	498.9	263.8	762.7
Tas.	360	37	4	401	35.9	2.0	37.9	10.1	48.0	36.1	84.1
NT	423	236	4	663	59.5	29.2	88.7	8.7	97.4	53.3	150.7
ACT	317	105	1	423	39.0	10.2	49.3	15.5	64.8	29.6	94.4
Australia	25,800	11,651	581	38,033	3,079.0	1,290.3	4,369.4	787.9	5,157.2	3,476.0	8,633.2

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>
1997-98											
NSW	418.8	684.1	451.9	605.4	656.1	438.7	44.9	280.8	847.6	230.3	4,658.6
Vic.	154.0	474.7	338.4	449.4	475.5	283.2	18.5	208.2	873.6	216.8	3,492.2
Qld	345.6	728.2	123.6	173.1	382.6	235.9	12.3	133.9	133.4	141.0	2,409.5
SA	40.9	187.2	58.6	82.1	95.3	72.3	3.4	46.5	71.2	86.7	744.0
WA	80.7	216.8	114.7	140.3	179.7	153.0	7.8	134.4	64.1	44.8	1,136.4
Tas.	11.4	17.4	49.4	30.6	26.4	17.9	0.4	22.8	14.6	6.9	197.8
NT	0.5	61.2	25.9	18.5	29.0	43.5	0.3	2.0	9.0	23.4	213.2
ACT	4.2	18.1	0.2	228.0	10.2	66.5	0.6	49.1	32.6	13.7	423.2
Australia	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
SEPTEMBER QUARTER 1998											
NSW	70.6	97.0	80.4	185.4	112.4	90.4	3.4	136.8	93.9	24.3	894.6
Vic.	38.7	88.8	77.0	108.3	151.5	33.2	4.6	103.7	20.2	32.0	658.0
Qld	97.2	111.5	30.5	117.6	73.1	103.4	1.8	51.0	92.6	48.2	726.9
SA	1.7	23.4	8.2	12.8	15.7	15.7	2.6	19.3	4.8	2.5	106.7
WA	22.1	42.4	28.3	18.2	41.8	31.2	0.4	49.4	36.5	13.4	283.8
Tas.	—	6.2	9.0	8.2	2.8	8.5	—	1.6	1.4	13.8	51.5
NT	—	16.1	2.1	14.1	4.4	6.4	—	0.4	0.1	13.0	56.7
ACT	5.2	20.7	0.1	67.0	1.5	2.3	0.8	0.9	1.4	0.9	100.7
Australia	235.5	406.1	235.6	531.8	403.2	291.1	13.7	363.2	250.9	147.9	2,878.9
DECEMBER QUARTER 1998											
NSW	176.5	370.3	71.8	206.8	387.7	71.0	8.5	79.3	63.0	65.9	1,500.8
Vic.	41.1	175.9	67.8	127.4	169.4	103.4	4.9	42.6	47.5	40.5	820.4
Qld	77.2	107.9	30.4	58.1	82.8	43.3	11.7	90.6	48.4	19.7	570.0
SA	3.6	27.8	2.1	66.6	44.4	16.5	0.1	7.5	26.9	6.5	202.1
WA	10.4	50.6	11.4	36.6	45.9	32.2	2.9	47.4	16.6	9.9	263.8
Tas.	0.6	4.6	3.8	8.8	8.5	4.0	—	1.0	2.2	2.5	36.1
NT	0.4	6.0	1.3	4.0	11.0	10.9	0.3	1.1	12.1	6.1	53.3
ACT	1.2	3.9	—	10.7	1.8	2.0	1.0	—	8.1	0.9	29.6
Australia	311.1	747.1	188.5	519.0	751.5	283.3	29.3	269.5	224.7	152.0	3,476.0

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>
1997-98							
NSW	3,242.8	2,334.1	5,576.9	1,336.5	6,913.4	5,198.6	12,112.0
Vic.	2,808.4	760.2	3,568.6	911.5	4,480.1	2,960.4	7,440.5
Qld	2,649.3	1,000.8	3,650.1	315.0	3,965.2	2,595.6	6,560.8
SA	535.7	69.8	605.4	131.6	737.0	685.0	1,422.0
WA	1,547.5	212.6	1,760.2	193.3	1,953.5	1,135.2	3,088.7
Tas.	137.5	29.0	166.5	41.4	207.8	159.0	366.8
NT	146.5	90.9	237.4	26.4	263.9	212.3	476.1
ACT	120.7	42.4	163.2	54.9	218.0	382.6	600.6
Australia	11,188.4	4,539.9	15,728.3	3,010.7	18,738.9	13,328.7	32,067.6
SEPTEMBER QUARTER 1998							
NSW	881.7	713.5	1,595.2	387.4	1,982.6	1,370.1	3,352.7
Vic.	805.5	214.0	1,019.5	227.7	1,247.2	897.1	2,144.3
Qld	632.9	280.2	913.0	85.3	998.3	682.8	1,681.1
SA	155.8	25.1	180.9	39.8	220.7	162.9	383.6
WA	394.4	62.1	456.5	44.7	501.2	225.7	726.9
Tas.	32.7	1.4	34.1	9.9	44.1	43.1	87.1
NT	50.3	21.2	71.6	8.2	79.8	71.8	151.5
ACT	35.5	13.0	48.5	13.4	61.9	88.2	150.1
Australia	2,988.9	1,330.5	4,319.4	816.3	5,135.7	3,541.6	8,677.3
DECEMBER QUARTER 1998							
NSW	852.0	762.7	1,614.7	365.2	1,979.9	1,587.5	3,567.5
Vic.	868.3	240.2	1,108.5	268.8	1,377.3	976.8	2,354.1
Qld	616.0	239.0	855.0	93.5	948.5	701.6	1,650.2
SA	151.6	34.5	186.0	39.8	225.8	157.2	383.0
WA	437.8	63.5	501.4	57.7	559.1	232.6	791.7
Tas.	35.5	2.9	38.4	9.7	48.1	50.4	98.5
NT	62.8	25.5	88.3	8.1	96.4	67.8	164.2
ACT	40.2	6.5	46.7	16.8	63.5	94.6	158.1
Australia	3,064.2	1,374.9	4,439.1	859.6	5,298.7	3,868.5	9,167.2

**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>
1997-98											
NSW	385.3	907.5	389.2	1,025.9	751.2	429.7	35.6	325.1	801.9	147.3	5,198.6
Vic.	201.0	440.1	299.0	423.2	526.8	351.5	19.4	290.3	207.6	201.7	2,960.4
Qld	329.3	478.0	129.8	226.2	376.0	298.6	14.9	370.5	167.2	205.1	2,595.6
SA	35.5	164.4	68.7	83.0	78.3	73.7	8.1	72.5	65.4	35.3	685.0
WA	81.1	198.2	108.9	131.4	159.5	129.9	7.4	185.6	81.3	52.0	1,135.2
Tas.	10.7	15.3	21.2	23.0	25.9	22.2	0.5	19.3	6.9	13.9	159.0
NT	0.5	50.7	8.8	26.0	53.1	29.2	0.1	2.2	11.0	30.6	212.3
ACT	8.9	48.5	0.2	192.3	10.6	55.3	1.8	22.7	29.6	12.8	382.6
Australia	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
SEPTEMBER QUARTER 1998											
NSW	137.9	209.1	79.8	326.1	237.6	80.1	5.3	75.4	173.0	45.7	1,370.1
Vic.	54.8	182.1	53.7	133.0	174.7	98.3	3.8	62.3	78.2	56.0	897.1
Qld	66.5	155.4	45.6	72.2	77.3	61.2	5.6	95.6	61.0	42.5	682.8
SA	5.1	22.7	15.9	28.3	42.0	12.8	1.8	14.1	15.4	4.6	162.9
WA	13.7	53.7	21.3	27.8	42.6	17.3	1.5	18.6	21.7	7.5	225.7
Tas.	0.3	6.5	5.6	7.8	6.8	6.5	0.1	4.9	1.7	2.7	43.1
NT	—	13.1	1.2	12.1	13.5	11.0	0.1	1.6	4.3	14.9	71.8
ACT	1.5	20.2	—	35.2	4.9	13.4	0.9	2.2	8.7	1.3	88.2
Australia	279.8	662.9	223.2	642.5	599.4	300.6	19.1	274.8	364.1	175.2	3,541.6
DECEMBER QUARTER 1998											
NSW	183.6	228.7	86.1	403.5	267.2	108.1	11.0	79.1	166.5	53.7	1,587.5
Vic.	61.9	172.4	71.5	141.1	173.1	128.3	5.9	63.6	102.4	56.5	976.8
Qld	62.6	133.3	30.6	60.7	81.6	81.9	4.4	139.1	61.4	46.0	701.6
SA	7.7	20.6	9.4	32.0	36.9	21.2	0.1	12.2	12.4	4.6	157.2
WA	12.0	59.8	20.8	27.1	35.6	38.2	0.9	12.4	17.8	8.1	232.6
Tas.	0.4	7.9	5.5	3.4	8.3	6.2	0.1	16.1	1.6	0.9	50.4
NT	0.4	4.5	0.7	17.1	10.4	5.2	0.2	4.3	6.2	18.7	67.8
ACT	0.3	17.8	—	35.9	9.2	15.8	0.9	3.0	9.7	1.9	94.6
Australia	328.9	645.1	224.6	720.7	622.3	404.9	23.4	329.9	378.2	190.4	3,868.5

**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>
1997-98							
NSW	838.7	1,683.5	2,522.2	422.3	2,944.5	3,890.3	6,834.8
Vic.	751.5	360.8	1,112.4	157.6	1,270.0	1,597.8	2,867.7
Qld	345.8	349.2	695.0	44.3	739.3	1,783.2	2,522.5
SA	105.3	24.9	130.2	27.7	157.8	171.5	329.4
WA	370.5	88.5	459.0	32.5	491.5	210.9	702.3
Tas.	46.1	5.1	51.2	6.5	57.7	29.9	87.6
NT	31.8	44.0	75.8	5.0	80.8	72.9	153.7
ACT	21.7	12.3	34.0	7.9	41.9	209.2	251.1
Australia	2,511.4	2,568.4	5,079.8	703.7	5,783.5	7,965.6	13,749.0
SEPTEMBER QUARTER 1998							
NSW	941.4	1,730.0	2,671.4	470.9	3,142.3	4,065.7	7,208.0
Vic.	824.4	423.1	1,247.6	169.4	1,417.0	1,425.5	2,842.5
Qld	337.8	301.0	638.9	42.7	681.6	1,496.9	2,178.5
SA	105.4	32.2	137.6	25.4	163.0	148.2	311.2
WA	433.7	94.1	527.8	33.7	561.5	202.6	764.1
Tas.	42.1	4.1	46.3	6.8	53.0	42.0	95.0
NT	34.4	35.0	69.3	4.9	74.2	83.1	157.3
ACT	36.5	10.2	46.7	7.9	54.6	185.1	239.7
Australia	2,755.7	2,629.8	5,385.5	761.7	6,147.2	7,649.1	13,796.3
DECEMBER QUARTER 1998							
NSW	923.2	1,531.3	2,454.5	425.5	2,880.0	3,671.9	6,551.9
Vic.	834.3	352.3	1,186.6	179.7	1,366.3	1,504.1	2,870.4
Qld	296.3	267.9	564.2	37.0	601.2	1,303.6	1,904.8
SA	126.0	58.2	184.2	20.8	205.0	129.9	334.9
WA	447.9	99.0	546.9	38.3	585.3	299.3	884.6
Tas.	42.1	4.6	46.7	6.6	53.3	23.1	76.4
NT	35.7	29.4	65.1	5.5	70.6	56.3	126.9
ACT	30.4	19.3	49.7	8.0	57.6	127.3	184.9
Australia	2,735.9	2,362.1	5,097.9	721.4	5,819.3	7,115.5	12,934.9

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>
1997-98											
NSW	561.8	361.0	83.3	1,160.6	726.8	226.2	8.1	233.0	436.4	93.2	3,890.3
Vic.	300.8	261.1	44.5	112.3	182.2	166.8	4.2	109.7	306.8	109.3	1,597.8
Qld	142.4	241.2	39.6	82.2	78.5	75.2	7.4	904.5	104.4	107.8	1,783.2
SA	3.0	16.8	6.8	32.2	45.2	14.5	1.1	20.6	24.2	7.2	171.5
WA	24.5	38.9	13.8	30.2	26.8	21.9	1.5	21.6	24.3	7.4	210.9
Tas.	0.4	3.6	2.6	1.0	11.6	5.4	1.2	0.4	2.4	1.3	29.9
NT	0.8	5.3	0.3	7.9	18.5	6.9	—	4.7	6.0	22.5	72.9
ACT	1.7	52.9	—	103.2	1.3	21.5	2.4	13.8	11.3	1.0	209.2
Australia	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
SEPTEMBER QUARTER 1998											
NSW	597.8	432.3	92.9	1,391.0	642.9	222.3	19.9	202.1	384.9	79.7	4,065.7
Vic.	260.1	222.2	50.3	87.4	156.5	201.8	4.0	81.6	282.3	79.2	1,425.5
Qld	100.0	163.7	32.1	55.4	51.5	95.5	4.5	838.3	74.5	81.4	1,496.9
SA	13.4	8.5	15.7	18.7	24.6	28.3	0.3	15.5	16.0	7.2	148.2
WA	18.0	37.5	18.8	26.6	25.7	26.6	1.2	16.2	25.5	6.6	202.6
Tas.	0.5	1.3	2.4	1.4	5.0	3.9	1.1	24.0	2.0	0.4	42.0
NT	0.8	3.2	0.7	36.8	10.3	2.9	—	4.4	2.3	21.6	83.1
ACT	0.2	37.2	—	87.6	6.5	24.3	1.8	12.4	10.7	4.4	185.1
Australia	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
DECEMBER QUARTER 1998											
NSW	475.8	496.3	99.6	1,177.4	570.6	222.7	20.1	187.3	354.9	67.2	3,671.9
Vic.	296.3	196.4	61.1	80.5	133.1	235.9	3.9	102.9	332.8	61.2	1,504.1
Qld	176.7	99.9	28.9	39.5	33.1	56.1	6.8	742.1	31.5	89.0	1,303.6
SA	11.0	8.8	19.6	6.3	16.9	33.5	1.0	21.0	8.3	3.6	129.9
WA	23.5	119.8	16.4	19.3	12.8	30.6	1.7	14.7	48.2	12.2	299.3
Tas.	0.2	2.1	2.4	0.4	1.7	3.6	1.1	10.9	0.6	0.2	23.1
NT	0.6	1.1	0.1	23.7	6.9	0.7	—	2.2	12.7	8.3	56.3
ACT	—	21.8	—	72.5	0.3	17.0	1.1	9.3	2.3	2.9	127.3
Australia	984.1	946.1	228.1	1,419.5	775.5	600.1	35.7	1,090.4	791.2	244.7	7,115.5

**TABLE 35. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, BY STATE: DECEMBER QUARTER 1998
(Percentage)**

State or Territory	<i>New residential building</i>				<i>Value</i>	
	<i>Houses</i>		<i>Total</i>		<i>Alterations and additions to residential buildings</i>	<i>Total building</i>
	<i>Number</i>	<i>Value</i>	<i>Number of dwelling units</i>	<i>Value</i>		
COMMENCED						
NSW	3.7	3.9	2.1	2.3	10.6	1.7
Vic.	3.0	3.1	2.5	2.6	3.3	1.2
Qld	2.4	2.7	1.7	2.0	3.1	1.1
SA	3.5	3.6	3.0	2.7	5.9	1.7
WA	3.5	3.4	3.1	2.9	4.3	1.7
Tas.	1.6	1.7	1.4	1.6	4.6	0.9
ACT	1.3	1.7	0.9	1.2	3.8	0.9
Australia	1.5	1.6	1.1	1.2	4.4	0.8
UNDER CONSTRUCTION AT END OF PERIOD						
NSW	2.9	2.9	1.1	1.0	4.3	0.5
Vic.	2.8	2.8	2.0	2.0	3.7	0.8
Qld	4.1	4.0	2.0	2.2	4.1	0.7
SA	3.4	3.4	2.6	2.3	6.5	1.2
WA	3.0	2.8	2.4	2.3	5.1	1.4
Tas.	2.4	2.3	2.1	2.1	5.8	1.2
ACT	1.7	1.9	1.1	1.4	5.0	0.3
Australia	1.4	1.4	0.8	0.8	2.6	0.3
COMPLETED						
NSW	3.9	4.2	2.3	2.4	6.0	1.3
Vic.	4.8	5.1	3.7	4.0	5.2	2.1
Qld	4.0	4.5	2.5	3.1	4.3	1.8
SA	4.2	4.4	3.8	3.9	5.9	1.8
WA	4.8	5.2	4.1	4.6	7.5	2.7
Tas.	3.0	3.0	2.7	2.8	5.6	1.4
ACT	2.4	2.5	1.8	2.0	6.7	1.5
Australia	2.0	2.2	1.4	1.5	3.1	0.8
VALUE OF WORK DONE DURING PERIOD						
NSW	..	2.8	..	1.5	4.9	0.8
Vic.	..	2.9	..	2.3	3.2	1.1
Qld	..	2.9	..	2.1	2.9	1.1
SA	..	3.1	..	2.5	4.7	1.3
WA	..	2.7	..	2.4	4.2	1.6
Tas.	..	1.6	..	1.5	4.1	0.7
ACT	..	1.6	..	1.3	4.0	0.6
Australia	..	1.3	..	0.9	2.3	0.5
VALUE OF WORK YET TO BE DONE						
NSW	..	3.3	..	1.2	5.4	0.6
Vic.	..	3.4	..	2.4	4.7	1.0
Qld	..	4.8	..	2.5	5.4	0.8
SA	..	3.8	..	2.6	7.4	1.5
WA	..	3.1	..	2.6	6.6	1.6
Tas.	..	2.7	..	2.4	6.3	1.6
ACT	..	2.3	..	1.4	5.5	0.5
Australia	..	1.7	..	0.9	3.4	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.

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 non-dwelling construction 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 1996–97). 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 (i.e. for the 1998–99 financial year) which are based upon the current reference year (i.e. 1996–97). 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 Statistic
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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2875200012980
ISSN 0728-375X

RRP \$18.50