



# BUILDING ACTIVITY

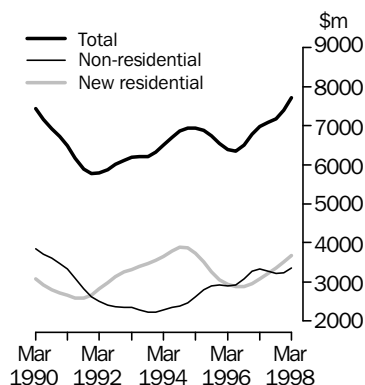
AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) FRI 17 JULY 1998

## MARCH QTR KEY FIGURES

### Building work done

At average 1989-90 prices  
Trend estimates



	<i>Mar qtr 98</i> <i>\$m</i>	<i>Dec qtr 97 to</i> <i>Mar qtr 98</i> <i>% change</i>	<i>Mar qtr 97 to</i> <i>Mar qtr 98</i> <i>% change</i>
<b>TREND ESTIMATES (a)</b>			
Value of work done	7 724.6	4.3	10.5
New residential building	3 679.7	4.8	19.5
Alterations and additions to residential buildings	696.0	6.2	20.6
Non-residential building	3 350.1	3.5	0.4
.....			
	<i>Mar qtr 98</i> <i>\$m</i>	<i>Dec qtr 97 to</i> <i>Mar qtr 98</i> <i>% change</i>	<i>Mar qtr 97 to</i> <i>Mar qtr 98</i> <i>% change</i>
<b>SEASONALLY ADJUSTED (a)</b>			
Value of work done	7 788.1	5.2	6.6
New residential building	3 705.6	5.6	19.0
Alterations and additions to residential buildings	702.7	6.1	17.9
Non-residential building	3 391.3	5.7	-6.3

(a) At average 1989-90 prices.

## MARCH QTR KEY POINTS

### VALUE OF WORK DONE AT AVERAGE 1989-90 PRICES

#### TREND ESTIMATES

- The trend estimate for the total value of building work done increased by 4.3% following a 3.1% increase in the December quarter 1997. The latest figure was 10.5% above the level of a year ago and the highest since the December quarter 1989.
- New residential building rose by 4.8% in the quarter following rises in the September and December quarters of 4.3% and 4.5% respectively. Non-residential building increased by 3.5% in the quarter following a rise of 0.9% in the December quarter and is the highest since the December quarter 1990.

#### SEASONALLY ADJUSTED ESTIMATES

- The total value of building work done rose by 5.2% and was 6.6% above the level of twelve months ago.
- New residential building work rose by 5.6% in the March quarter to \$3,705.6m and non-residential building rose by 5.7% to \$3,391.3m.

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

## NOTES

### FORTHCOMING ISSUES

*ISSUE (Quarter)*

*RELEASE DATE*

June 1998

13 October 1998

### CHANGES IN THIS ISSUE

There are no changes in this issue.

### SIGNIFICANT REVISIONS THIS QUARTER

The total number of dwelling units commenced during the December quarter 1997 has been revised upwards by 416 (1.1%) for Australia, including 213 (2.4%) in Victoria and 153 (1.7%) in Queensland.

The total value of building work commenced during the December quarter 1997 has been revised upwards by \$190.3m (2.3%) with residential increasing by \$90.6m (1.8%) and non-residential increasing by \$99.7m (2.9%). The major contributor to the increase was Victoria \$90.0m (4.0%).

### SYMBOLS AND OTHER USAGES

ABS Australian Bureau of Statistics

n.a. not available

RSE relative standard error

SE standard error

. . not applicable

— nil or rounded to zero

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

W. McLennan  
Australian Statistician

# VALUE OF WORK COMMENCED: Average 1989–90 prices

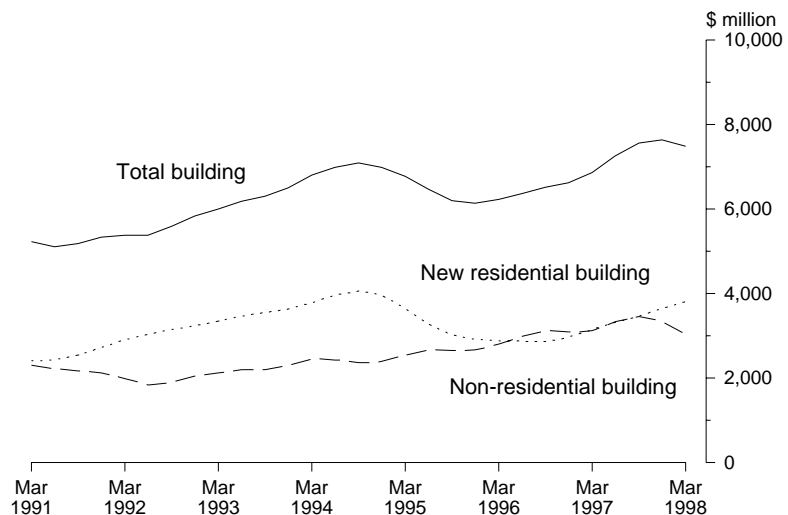
## TREND ESTIMATES

	Mar qtr 98	Dec qtr 97 to Mar qtr 98	Mar qtr 97 to Mar qtr 98
	\$m	% change	% change
TREND ESTIMATES(a)			
Value of building work commenced	7 488.1	-2.0	9.1
New residential building	3 832.1	4.6	21.5
Alterations and additions to residential buildings	705.3	5.1	18.9
Non-residential building	3 035.3	-9.0	-2.9

(a) At average 1989–90 prices.

- The trend for the total value of building work commenced fell by 2.0% in the March quarter reversing the upward trend since the March quarter 1996. The December quarter figure was the highest recorded since the June quarter 1989.
- The value of new residential building work commenced increased by 4.6% following a rise of 5.1% in the December quarter. However, these rises were offset by falls in non-residential building work of 9.0% in the March quarter and 3.8% in the December quarter.

Value of work commenced at average 1989–90 prices, trend



## SEASONALLY ADJUSTED ESTIMATES

- The total value of building work commenced fell by 12.3% in the March quarter 1998 with new residential building falling by 4.0% and non-residential falling by 23.2%.

# NUMBER OF DWELLING UNITS

## NUMBER OF DWELLING UNITS COMMENCED

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

### TREND ESTIMATES

Dwelling units commenced			
New private sector houses	25 755	5.2	19.4
Total dwelling units	37 964	3.8	15.7

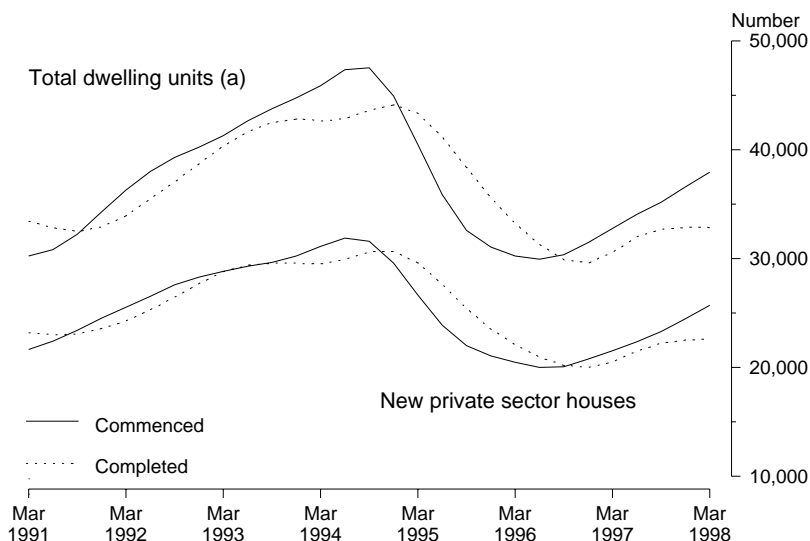
### SEASONALLY ADJUSTED

Dwelling units commenced			
New private sector houses	25 561	1.3	15.4
Total dwelling units	37 049	-3.0	9.3

## TREND ESTIMATES

- The trend estimate for commencement of new private sector houses increased by 5.2% in the March quarter. It was 19.4% higher than the level twelve months ago, but still 19.2% below the recent peak in June 1994.
- The total number of dwelling units commenced increased by 3.8% following increases of 3.9% in the December quarter and 3.4% in the September quarter.

## Dwelling units commenced and completed, trend



(a) Includes Conversions, etc

## SEASONALLY ADJUSTED ESTIMATES

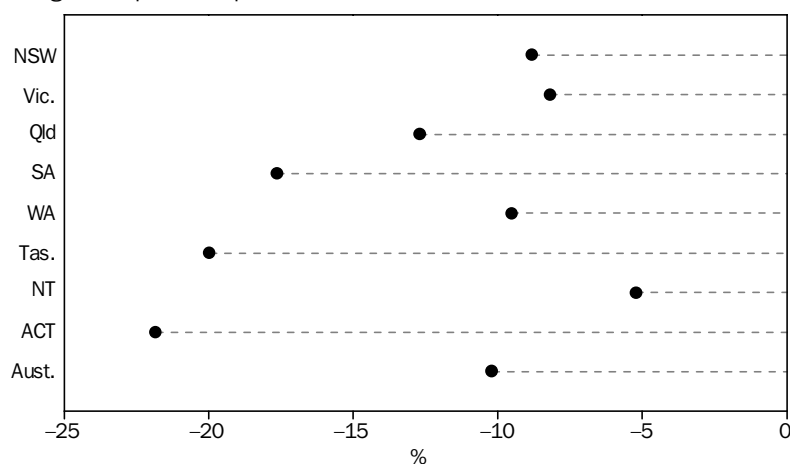
- In seasonally adjusted terms, the total number of dwelling units commenced fell by 3.0%.

## STATE SERIES: Value of building work done

AVERAGE 1989-90 PRICES, ORIGINAL ESTIMATES

- Falls occurred in all States with the Australian Capital Territory (-21.8%) and Tasmania (-20.0%) recording the largest falls and the Northern Territory (-5.2%) and Victoria (-8.2%) recording the lowest falls.
- When compared with a year previously, New South Wales (+18.3%) and South Australia (+11.3%) showed the largest increases. Tasmania (-22.7%), the Australian Capital Territory (-10.5%), Victoria (-6.1%) and the Northern Territory (-4.5%) all reported decreases in the value of work done.

Change from previous quarter



# LIST OF TABLES

Page

## ESTIMATES AT CONSTANT PRICES

1	Value of building work commenced, original, seasonally adjusted and trend	7
2	Value of building work done, original, seasonally adjusted and trend	8
3	Value of building work commenced by State, original	9
4	Value of building work done by State, original	10

## SEASONALLY ADJUSTED AND TREND SERIES

5	Value of building work commenced	11
6	Value of building work completed	11
7	Value of building work done	12
8	Number of dwelling units commenced and completed	12
9	Number of dwelling units commenced by State	13
10	Number of dwelling units completed by State	13

## PRIVATE AND PUBLIC SECTOR BUILDING ACTIVITY, AUSTRALIA

11	Number and value of building commenced	14
12	Value of non-residential building commenced	15
13	Number and value of building under construction	16
14	Value of non-residential building under construction	17
15	Number and value of building completed	18
16	Value of non-residential building completed	19
17	Value of building work done	20
18	Value of non-residential building work done	21
19	Value of building work yet to be done	22
20	Value of non-residential building work yet to be done	23

## BUILDING ACTIVITY, STATES AND TERRITORIES

21	Number and value of building commenced	24
22	Value of non-residential building commenced	25
23	Number and value of building under construction	26
24	Value of non-residential building under construction	27
25	Number and value of building completed	28
26	Value of non-residential building completed	29
27	Value of building work done	30
28	Value of non-residential building work done	31
29	Value of building work yet to be done	32
30	Value of non-residential building work yet to be done	33

## RELATIVE STANDARD ERRORS

31	Summary of building activity, total private and public sector	34
----	---	----

**TABLE 1. VALUE OF BUILDING WORK COMMENCED, AVERAGE 1989-90 PRICES(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									
1994-95	9,958.6	10,164.6	4,949.2	15,113.8	2,300.8	6,926.6	9,837.8	23,753.8	27,252.4
1995-96	7,851.9	8,023.8	3,713.9	11,737.7	2,145.9	8,289.9	11,135.4	21,600.9	25,019.0
1996-97	8,304.6	8,453.4	3,785.7	12,239.1	2,307.5	8,829.2	12,448.8	22,905.1	26,995.4
1996 Dec. qtr	2,098.5	2,135.9	899.4	3,035.3	607.5	2,384.9	3,300.4	5,922.6	6,943.2
1997 Mar. qtr	1,984.8	2,018.0	1,004.6	3,022.6	523.2	2,317.0	3,168.5	5,748.8	6,714.3
June qtr	2,258.6	2,304.8	1,017.2	3,322.0	636.4	2,144.7	3,095.6	5,995.0	7,054.0
Sept. qtr	2,376.0	2,426.3	1,072.4	3,498.7	658.8	2,193.2	3,555.3	6,231.2	7,712.8
Dec. qtr	2,670.6	2,711.9	1,235.7	3,947.6	696.8	2,787.2	3,468.0	7,335.5	8,112.4
1998 Mar. qtr	2,320.3	2,360.3	1,060.6	3,420.9	633.0	1,920.1	2,845.6	5,862.9	6,899.5
SEASONALLY ADJUSTED									
1996 Dec. qtr	2,029.9	2,070.0	920.4	2,977.6	565.3	n.a.	3,266.1	5,781.2	6,840.7
1997 Mar. qtr	2,191.9	2,227.8	1,038.8	3,286.8	604.0	n.a.	2,948.8	5,910.1	6,829.4
June qtr	2,218.9	2,258.9	1,005.5	3,280.0	612.1	n.a.	3,124.4	5,948.4	7,000.9
Sept. qtr	2,280.6	2,330.1	1,028.1	3,340.1	646.1	n.a.	3,845.1	6,269.9	7,756.4
Dec. qtr	2,583.8	2,628.8	1,263.9	3,873.3	648.7	n.a.	3,439.9	7,174.4	7,998.6
1998 Mar. qtr	2,561.4	2,605.1	1,095.4	3,718.2	731.3	n.a.	2,641.9	6,008.5	7,012.8
TREND ESTIMATES									
1996 Dec. qtr	2,028.7	2,063.9	917.5	2,979.1	565.3	2,215.6	3,092.3	5,633.6	6,632.8
1997 Mar. qtr	2,131.8	2,170.7	974.7	3,153.0	593.3	2,207.8	3,127.0	5,819.5	6,865.2
June qtr	2,239.2	2,281.3	1,037.2	3,323.5	617.0	2,298.6	3,339.9	6,130.6	7,260.9
Sept. qtr	2,353.5	2,398.4	1,091.1	3,483.6	639.6	2,375.2	3,466.7	6,409.5	7,563.4
Dec. qtr	2,483.6	2,529.6	1,141.2	3,662.6	671.3	2,349.9	3,336.1	6,561.0	7,640.8
1998 Mar. qtr	2,609.2	2,654.4	1,174.9	3,832.1	705.3	2,206.0	3,035.3	6,530.0	7,488.1

(a) See paragraphs 27 to 30 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

**TABLE 2. VALUE OF BUILDING WORK DONE, AVERAGE 1989-90 PRICES(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									
1994-95	10,305.0	10,519.6	4,507.8	15,027.4	2,374.7	7,103.4	10,215.3	23,917.7	27,617.4
1995-96	8,205.0	8,392.2	3,775.9	12,168.1	2,290.0	8,493.6	11,616.6	22,377.4	26,074.7
1996-97	8,163.0	8,307.2	3,795.6	12,102.8	2,288.2	9,566.7	12,893.8	23,439.0	27,284.8
1996 Dec. qtr	2,107.0	2,142.0	933.7	3,075.7	603.1	2,537.9	3,369.4	6,084.6	7,048.2
1997 Mar. qtr	1,933.0	1,966.4	908.9	2,875.3	521.6	2,406.6	3,203.5	5,687.9	6,600.4
June qtr	2,181.0	2,225.6	974.5	3,200.1	601.7	2,235.3	3,118.8	5,901.5	6,920.6
Sept. qtr	2,340.0	2,384.5	1,065.7	3,450.2	611.8	2,475.7	3,336.1	6,427.8	7,398.1
Dec. qtr	2,543.7	2,591.0	1,097.6	3,688.6	732.5	2,504.4	3,411.1	6,817.8	7,832.2
1998 Mar. qtr	2,340.4	2,374.0	1,046.9	3,420.9	614.7	2,188.6	2,998.2	6,134.2	7,033.8
SEASONALLY ADJUSTED									
1996 Dec. qtr	1,993.3	2,027.9	905.0	2,925.0	545.4	2,363.3	3,168.0	5,733.5	6,659.4
1997 Mar. qtr	2,107.7	2,149.5	975.2	3,113.7	596.0	2,740.5	3,619.6	6,271.6	7,306.2
June qtr	2,193.3	2,235.8	997.8	3,241.7	599.0	2,225.0	3,064.2	5,935.7	6,911.9
Sept. qtr	2,268.9	2,307.4	1,004.3	3,324.1	603.0	2,372.3	3,224.8	6,192.4	7,129.8
Dec. qtr	2,407.2	2,453.6	1,065.7	3,508.2	662.6	2,332.5	3,207.4	6,427.6	7,402.3
1998 Mar. qtr	2,552.1	2,595.5	1,123.3	3,705.6	702.7	2,493.5	3,391.3	6,766.8	7,788.1
TREND ESTIMATES									
1996 Dec. qtr	1,989.0	2,022.9	929.8	2,950.4	563.3	2,446.0	3,272.2	5,828.7	6,784.8
1997 Mar. qtr	2,085.6	2,124.3	959.1	3,080.5	577.3	2,488.5	3,337.7	6,003.3	6,990.3
June qtr	2,188.4	2,230.2	988.6	3,221.5	596.5	2,414.6	3,267.7	6,100.3	7,079.6
Sept. qtr	2,289.6	2,332.3	1,023.3	3,358.6	621.6	2,346.2	3,205.4	6,215.4	7,183.3
Dec. qtr	2,407.8	2,451.2	1,063.9	3,511.2	655.5	2,363.4	3,235.6	6,429.8	7,404.3
1998 Mar. qtr	2,536.3	2,575.3	1,111.5	3,679.7	696.0	2,461.4	3,350.1	6,733.9	7,724.6

(a) See paragraphs 27 to 30 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.



**TABLE 3. VALUE OF BUILDING WORK COMMENCED, AVERAGE 1989-90 PRICES, BY STATE(a): ORIGINAL (\$ million)**

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
<b>NEW RESIDENTIAL BUILDING</b>									
1994-95	5,272.0	2,811.6	3,832.6	670.8	1,947.1	212.2	140.3	227.2	15,113.8
1995-96	4,286.4	2,393.0	2,679.6	433.6	1,450.8	181.4	120.0	192.9	11,737.7
1996-97	4,445.0	2,596.4	2,833.3	445.4	1,480.9	135.0	140.0	163.1	12,239.1
1996 Dec. qtr	1,101.4	562.4	760.0	118.6	379.3	37.1	40.9	35.6	3,035.3
1997 Mar. qtr	1,173.9	643.1	642.5	96.0	368.6	32.0	27.3	39.2	3,022.6
June qtr	1,140.9	757.8	751.4	135.4	411.1	32.2	41.4	51.8	3,322.0
Sept. qtr	1,268.8	807.8	795.5	121.1	406.2	30.0	44.6	24.7	3,498.7
Dec. qtr	1,359.4	997.4	858.1	161.2	461.5	33.1	39.0	37.9	3,947.6
1998 Mar. qtr	1,252.7	798.7	714.9	132.4	407.7	28.6	59.9	26.0	3,420.9
<b>ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS</b>									
1994-95	1,057.4	632.0	228.1	109.1	165.7	35.9	21.9	50.7	2,300.8
1995-96	912.1	623.4	229.3	106.3	177.6	31.5	20.6	45.1	2,145.9
1996-97	982.7	694.3	250.6	105.9	175.8	31.3	17.0	49.9	2,307.5
1996 Dec. qtr	275.6	168.6	64.8	30.2	42.3	8.4	4.3	13.3	607.5
1997 Mar. qtr	218.5	172.2	46.0	24.2	42.9	7.9	3.5	8.0	523.2
June qtr	246.1	213.8	70.6	28.2	48.4	7.9	4.8	16.6	636.4
Sept. qtr	289.2	207.7	69.8	29.2	41.4	8.4	3.8	9.3	658.8
Dec. qtr	312.3	202.8	76.7	30.0	51.7	8.1	3.1	12.1	696.8
1998 Mar. qtr	304.8	168.4	52.5	34.3	50.2	8.3	4.9	9.6	633.0
<b>NON-RESIDENTIAL BUILDING</b>									
1994-95	3,633.2	2,378.1	2,082.2	475.4	705.1	148.1	137.8	277.9	9,837.8
1995-96	3,623.9	2,984.1	2,362.3	571.7	813.5	233.5	230.8	315.6	11,135.4
1996-97	4,666.7	3,442.8	2,054.4	506.7	1,073.4	156.4	193.4	355.0	12,448.8
1996 Dec. qtr	1,298.4	778.3	583.6	101.4	324.2	32.8	76.9	104.8	3,300.4
1997 Mar. qtr	1,407.0	744.0	483.1	107.9	246.3	34.7	40.5	105.0	3,168.5
June qtr	978.8	1,122.8	460.8	203.7	225.2	32.4	29.8	42.1	3,095.6
Sept. qtr	1,365.6	703.4	1,028.9	98.8	227.0	28.5	51.5	51.6	3,555.3
Dec. qtr	1,159.9	1,221.6	604.2	152.4	200.6	35.7	33.9	59.7	3,468.0
1998 Mar. qtr	1,131.5	649.2	627.5	80.3	190.5	21.2	45.3	100.1	2,845.6
<b>TOTAL BUILDING</b>									
1994-95	9,962.6	5,821.7	6,142.9	1,255.3	2,817.9	396.2	300.0	555.8	27,252.4
1995-96	8,822.4	6,000.5	5,271.2	1,111.6	2,441.9	446.4	371.4	553.6	25,019.0
1996-97	10,094.4	6,733.5	5,138.3	1,058.0	2,730.1	322.7	350.4	568.0	26,995.4
1996 Dec. qtr	2,675.4	1,509.3	1,408.4	250.2	745.8	78.3	122.1	153.7	6,943.2
1997 Mar. qtr	2,799.4	1,559.3	1,171.6	228.1	657.8	74.6	71.3	152.2	6,714.3
June qtr	2,365.8	2,094.4	1,282.8	367.3	684.7	72.5	76.0	110.5	7,054.0
Sept. qtr	2,923.6	1,718.9	1,894.2	249.1	674.6	66.9	99.9	85.6	7,712.8
Dec. qtr	2,831.6	2,421.8	1,539.0	343.6	713.8	76.9	76.0	109.7	8,112.4
1998 Mar. qtr	2,689.0	1,616.3	1,394.9	247.0	648.4	58.1	110.1	135.7	6,899.5

(a) See paragraphs 27 to 30 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

**TABLE 4. VALUE OF BUILDING WORK DONE, AVERAGE 1989-90 PRICES(a), BY STATE: ORIGINAL  
(\$ million)**

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
<b>NEW RESIDENTIAL BUILDING</b>									
1994-95	4,940.0	2,739.0	3,949.8	714.3	2,040.4	235.4	132.5	276.0	15,027.4
1995-96	4,466.3	2,451.1	2,765.4	465.1	1,510.7	182.3	129.1	198.1	12,168.1
1996-97	4,385.1	2,521.6	2,798.9	437.4	1,503.2	157.2	132.8	166.6	12,102.8
1996 Dec. qtr	1,125.1	642.4	717.2	107.9	362.6	41.8	33.9	44.8	3,075.7
1997 Mar. qtr	1,055.6	576.6	655.8	102.9	380.5	38.0	33.1	32.8	2,875.3
June qtr	1,108.5	697.4	744.2	129.3	404.1	37.5	36.4	42.7	3,200.1
Sept. qtr	1,147.7	798.1	830.8	128.1	426.0	38.7	43.5	37.3	3,450.2
Dec. qtr	1,296.3	844.3	842.4	142.1	449.9	34.6	40.9	38.1	3,688.6
1998 Mar. qtr	1,244.9	783.3	740.4	130.6	418.8	31.4	43.0	28.5	3,420.9
<b>ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS</b>									
1994-95	1,096.8	652.3	227.5	112.6	177.9	36.7	19.4	51.5	2,374.7
1995-96	1,030.8	632.8	229.4	113.4	184.6	34.2	22.9	41.9	2,290.0
1996-97	961.5	698.8	243.8	109.2	178.7	32.4	16.2	47.6	2,288.2
1996 Dec. qtr	256.5	173.3	67.1	31.2	48.3	8.2	3.9	14.6	603.1
1997 Mar. qtr	222.2	164.1	50.5	24.2	41.5	7.5	3.0	8.6	521.6
June qtr	234.7	199.4	62.0	29.4	50.1	9.0	4.9	12.2	601.7
Sept. qtr	266.6	181.2	69.4	30.4	41.8	7.4	4.3	10.7	611.8
Dec. qtr	323.2	220.2	78.1	32.9	52.1	9.3	3.6	13.1	732.5
1998 Mar. qtr	267.4	190.5	57.4	27.6	51.6	8.1	3.4	8.7	614.7
<b>NON-RESIDENTIAL BUILDING</b>									
1994-95	3,414.1	2,869.9	2,196.0	429.7	745.9	147.8	132.1	279.8	10,215.3
1995-96	3,893.7	3,463.7	2,316.2	480.2	765.8	187.9	212.9	296.2	11,616.6
1996-97	4,256.0	3,872.8	2,388.9	581.6	978.9	208.4	234.2	373.0	12,893.8
1996 Dec. qtr	1,006.8	1,026.2	674.5	166.8	266.2	56.6	61.8	110.5	3,369.4
1997 Mar. qtr	999.6	1,122.0	539.4	129.6	241.6	43.6	51.5	76.2	3,203.5
June qtr	1,111.2	875.6	540.4	158.6	245.3	41.8	48.9	97.0	3,118.8
Sept. qtr	1,261.3	889.6	565.6	162.1	285.2	38.2	42.6	91.5	3,336.1
Dec. qtr	1,334.5	840.9	620.0	172.0	274.3	42.2	43.8	83.4	3,411.1
1998 Mar. qtr	1,181.6	775.3	547.0	127.6	232.0	29.4	37.3	68.0	2,998.2
<b>TOTAL BUILDING</b>									
1994-95	9,450.9	6,261.2	6,373.3	1,256.6	2,964.2	419.9	284.0	607.3	27,617.4
1995-96	9,390.8	6,547.6	5,311.0	1,058.7	2,461.1	404.4	364.9	536.2	26,074.7
1996-97	9,602.6	7,093.2	5,431.6	1,128.2	2,660.8	398.0	383.2	587.2	27,284.8
1996 Dec. qtr	2,388.4	1,841.9	1,458.8	305.9	677.1	106.6	99.6	169.9	7,048.2
1997 Mar. qtr	2,277.4	1,862.7	1,245.7	256.7	663.6	89.1	87.6	117.6	6,600.4
June qtr	2,454.4	1,772.4	1,346.6	317.3	699.5	88.3	90.2	151.9	6,920.6
Sept. qtr	2,675.6	1,868.9	1,465.8	320.6	753.0	84.3	90.4	139.5	7,398.1
Dec. qtr	2,954.0	1,905.4	1,540.5	347.0	776.3	86.1	88.3	134.6	7,832.2
1998 Mar. qtr	2,693.9	1,749.1	1,344.8	285.8	702.4	68.9	83.7	105.2	7,033.8

(a) See paragraphs 27 to 30 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

**TABLE 5. 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									
1996 Dec. qtr	2,271.3	2,315.6	914.3	3,220.4	627.7	n.a.	3,259.3	6,070.1	7,143.8
1997 Mar. qtr	2,436.3	2,478.3	1,030.0	3,524.3	669.1	n.a.	2,963.8	6,181.7	7,125.3
June qtr	2,466.5	2,511.0	1,006.9	3,535.5	680.8	n.a.	3,101.0	6,271.3	7,305.6
Sept. qtr	2,540.6	2,594.7	1,039.5	3,614.4	720.6	n.a.	3,976.9	6,671.4	8,244.3
Dec. qtr	2,880.9	2,931.6	1,290.7	4,205.5	727.0	n.a.	3,482.0	7,613.0	8,457.2
1998 Mar. qtr	2,867.1	2,918.9	1,131.0	4,064.8	821.2	n.a.	2,764.5	6,481.6	7,550.0
TREND ESTIMATES									
1996 Dec. qtr	2,265.7	2,305.2	905.6	3,208.9	628.0	2,201.3	3,073.1	5,906.2	6,908.0
1997 Mar. qtr	2,373.9	2,417.9	968.6	3,393.4	658.4	2,203.7	3,127.0	6,107.9	7,165.0
June qtr	2,489.9	2,536.9	1,039.1	3,580.7	685.7	2,311.7	3,371.2	6,461.7	7,616.4
Sept. qtr	2,620.5	2,670.4	1,103.7	3,768.3	713.4	2,406.1	3,528.2	6,794.5	7,986.5
Dec. qtr	2,771.6	2,823.5	1,166.1	3,981.4	751.6	2,398.3	3,424.8	6,998.6	8,128.3
1998 Mar. qtr	2,917.8	2,970.5	1,210.1	4,182.9	794.8	2,267.9	3,130.7	7,015.5	8,023.4

**TABLE 6. 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									
1996 Dec. qtr	2,148.6	2,185.4	716.6	2,905.4	623.6	2,003.9	2,734.8	5,496.5	6,416.2
1997 Mar. qtr	2,247.7	2,285.3	1,056.3	3,353.5	616.3	2,227.9	3,092.5	5,946.2	6,838.6
June qtr	2,446.0	2,492.9	960.6	3,413.0	641.0	2,060.8	3,153.1	6,091.6	7,227.1
Sept. qtr	2,454.6	2,500.3	965.7	3,493.8	639.3	2,946.8	3,361.2	6,798.9	7,487.4
Dec. qtr	2,579.7	2,626.5	926.2	3,557.7	682.9	2,658.9	3,454.5	6,896.4	7,890.5
1998 Mar. qtr	2,550.6	2,593.2	929.5	3,531.5	804.9	2,015.9	3,163.0	6,145.9	7,253.1
TREND ESTIMATES									
1996 Dec. qtr	2,153.2	2,190.6	865.3	3,060.6	633.5	1,967.2	2,787.9	5,525.1	6,483.3
1997 Mar. qtr	2,256.0	2,294.7	931.5	3,224.9	622.8	2,129.6	2,934.3	5,826.2	6,728.6
June qtr	2,396.7	2,440.7	979.3	3,413.6	624.0	2,418.0	3,233.1	6,314.7	7,247.3
Sept. qtr	2,485.6	2,531.7	969.0	3,502.5	653.9	2,585.5	3,331.5	6,603.8	7,516.2
Dec. qtr	2,541.8	2,587.5	934.7	3,531.9	705.0	2,543.9	3,343.1	6,649.5	7,599.8
1998 Mar. qtr	2,576.0	2,619.8	926.2	3,560.1	768.7	2,355.3	3,301.2	6,521.3	7,544.2

**TABLE 7. VALUE OF BUILDING WORK DONE**  
(\$ million)

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
<b>SEASONALLY ADJUSTED</b>									
1996 Dec. qtr	2,235.8	2,274.2	895.4	3,162.9	613.1	2,322.2	3,127.6	5,994.2	6,925.8
1997 Mar. qtr	2,349.3	2,397.4	968.4	3,352.4	668.1	2,662.0	3,540.7	6,500.8	7,542.8
June qtr	2,444.5	2,492.4	993.2	3,495.9	671.2	2,215.4	3,066.5	6,243.0	7,237.2
Sept. qtr	2,529.1	2,572.2	1,014.1	3,597.8	678.3	2,395.8	3,260.9	6,555.5	7,513.2
Dec. qtr	2,691.4	2,742.8	1,071.4	3,804.2	748.3	2,364.3	3,255.0	6,835.1	7,834.0
1998 Mar. qtr	2,863.0	2,912.4	1,135.5	4,032.0	794.9	2,539.6	3,458.7	7,224.0	8,276.9
<b>TREND ESTIMATES</b>									
1996 Dec. qtr	2,226.4	2,264.6	919.1	3,181.4	632.8	2,395.9	3,223.6	6,074.5	7,037.7
1997 Mar. qtr	2,328.1	2,372.1	952.2	3,321.1	647.6	2,441.2	3,293.8	6,261.6	7,258.4
June qtr	2,438.7	2,485.9	987.4	3,476.3	669.0	2,393.0	3,254.2	6,398.6	7,393.1
Sept. qtr	2,554.0	2,601.4	1,027.5	3,632.6	699.2	2,358.6	3,230.9	6,571.1	7,558.9
Dec. qtr	2,692.3	2,740.6	1,072.6	3,809.2	739.8	2,399.3	3,288.6	6,840.2	7,839.9
1998 Mar. qtr	2,843.1	2,893.2	1,123.6	4,002.6	787.7	2,509.2	3,423.9	7,190.8	8,224.8

**TABLE 8. 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
<b>SEASONALLY ADJUSTED</b>								
1996 Dec. qtr	20,642	19,734	21,070	20,173	30,049	27,208	31,530	28,551
1997 Mar. qtr	22,159	20,551	22,551	21,110	32,564	29,494	33,893	31,046
June qtr	22,325	21,793	22,741	22,001	32,656	30,884	33,686	32,433
Sept. qtr	22,537	22,261	23,012	22,641	33,270	31,421	34,142	32,750
Dec. qtr	25,234	22,766	25,730	23,250	36,777	31,784	38,187	32,939
1998 Mar. qtr	25,561	22,440	26,053	22,761	35,846	31,840	37,049	32,746
<b>TREND ESTIMATES</b>								
1996 Dec. qtr	20,766	20,019	21,154	20,458	30,114	28,133	31,497	29,636
1997 Mar. qtr	21,567	20,587	21,978	20,990	31,577	29,127	32,822	30,635
June qtr	22,378	21,559	22,808	21,935	32,987	30,555	34,083	32,034
Sept. qtr	23,308	22,252	23,768	22,618	34,157	31,408	35,232	32,764
Dec. qtr	24,493	22,569	24,982	22,954	35,417	31,743	36,590	32,887
1998 Mar. qtr	25,755	22,677	26,261	23,091	36,662	31,963	37,964	32,882

**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									
1996 Dec. qtr	10,770	5,432	8,213	1,454	3,776	495	n.a.	376	31,530
1997 Mar. qtr	12,514	6,874	8,549	1,350	3,899	451	n.a.	528	33,893
June qtr	10,764	7,379	8,342	1,725	3,901	436	n.a.	578	33,686
Sept. qtr	11,471	7,999	8,215	1,478	3,858	432	n.a.	305	34,142
Dec. qtr	12,074	8,957	9,126	1,808	4,299	413	n.a.	367	38,187
1998 Mar. qtr	12,860	8,304	9,063	1,792	4,317	380	n.a.	341	37,049
TREND ESTIMATES									
1996 Dec. qtr	10,903	6,043	8,088	1,379	3,670	478	410	470	31,497
1997 Mar. qtr	11,448	6,548	8,298	1,467	3,815	458	445	491	32,822
June qtr	11,494	7,407	8,417	1,554	3,915	441	458	479	34,083
Sept. qtr	11,551	8,107	8,533	1,636	4,003	426	487	413	35,232
Dec. qtr	12,013	8,488	8,817	1,723	4,168	409	550	347	36,590
1998 Mar. qtr	12,812	8,736	9,166	1,790	4,355	387	625	309	37,964

**TABLE 10. 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									
1996 Dec. qtr	9,831	5,770	7,088	n.a.	3,528	562	n.a.	487	28,551
1997 Mar. qtr	10,575	6,552	7,710	n.a.	3,450	458	n.a.	308	31,046
June qtr	10,344	6,724	8,387	n.a.	3,766	593	n.a.	758	32,433
Sept. qtr	9,425	7,392	8,899	n.a.	3,794	492	n.a.	430	32,750
Dec. qtr	11,558	6,802	7,740	n.a.	4,140	513	n.a.	467	32,939
1998 Mar. qtr	9,924	7,595	8,205	n.a.	3,873	472	n.a.	344	32,746
TREND ESTIMATES									
1996 Dec. qtr	10,264	5,896	7,365	1,261	3,518	529	397	456	29,636
1997 Mar. qtr	10,125	6,422	7,747	1,302	3,554	529	438	484	30,635
June qtr	10,202	6,830	8,285	1,462	3,687	526	473	536	32,034
Sept. qtr	10,330	7,054	8,420	1,607	3,867	522	475	523	32,764
Dec. qtr	10,439	7,206	8,255	1,666	3,971	503	487	447	32,887
1998 Mar. qtr	10,522	7,398	8,017	1,669	4,003	469	501	332	32,882

**TABLE 11. NUMBER AND VALUE OF BUILDING COMMENCED: ORIGINAL**

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
<b>PRIVATE SECTOR</b>											
1994-95	111,966	47,053	3,522	162,541	10,897.7	4,436.4	15,334.1	2,489.2	17,823.3	6,678.6	24,501.9
1995-96	84,208	31,677	2,250	118,135	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
1996 Dec. qtr	21,474	8,390	992	30,856	2,348.1	838.9	3,187.0	660.0	3,847.0	2,371.6	6,218.6
1997 Mar. qtr	20,103	9,452	752	30,308	2,206.1	927.4	3,133.5	565.6	3,699.0	2,313.9	6,012.9
June qtr	22,688	9,104	1,421	33,213	2,510.7	973.3	3,484.1	687.1	4,171.1	2,149.3	6,320.5
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	23,204	9,485	718	33,407	2,597.2	1,046.4	3,643.6	683.7	4,327.4	1,997.2	6,324.5
<b>PUBLIC SECTOR</b>											
1994-95	2,611	4,858	61	7,530	228.0	349.3	577.4	25.8	603.2	2,797.7	3,400.9
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
1996 Dec. qtr	386	687	26	1,099	41.2	54.5	95.8	14.5	110.3	921.9	1,032.3
1997 Mar. qtr	366	897	22	1,285	38.9	68.8	107.6	14.0	121.6	870.7	992.4
June qtr	468	564	79	1,111	51.3	45.4	96.7	20.7	117.4	923.1	1,040.5
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	48.6	96.1	27.0	123.1	980.5	1,103.6
<b>TOTAL</b>											
1994-95	114,577	51,911	3,583	170,071	11,125.8	4,785.7	15,911.4	2,515.0	18,426.4	9,476.4	27,902.8
1995-96	86,174	36,130	2,381	124,685	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
1996 Dec. qtr	21,860	9,077	1,018	31,955	2,389.4	893.4	3,282.8	674.5	3,957.3	3,293.5	7,250.8
1997 Mar. qtr	20,469	10,349	774	31,593	2,244.9	996.2	3,241.1	579.6	3,820.7	3,184.6	7,005.3
June qtr	23,156	9,668	1,500	34,324	2,562.1	1,018.7	3,580.7	707.8	4,288.5	3,072.4	7,361.0
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	23,659	10,177	740	34,576	2,644.7	1,095.0	3,739.7	710.7	4,450.4	2,977.7	7,428.1

**TABLE 12. VALUE OF NON-RESIDENTIAL BUILDING COMMENCED: ORIGINAL  
(\$ million)**

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
<b>PRIVATE SECTOR</b>											
1994-95	405.9	1,750.9	798.5	954.5	918.1	362.4	75.0	281.2	878.7	253.5	6,678.6
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
1996 Dec. qtr	193.2	403.7	320.6	250.4	344.2	94.6	11.2	133.4	492.6	127.7	2,371.6
1997 Mar. qtr	192.5	390.3	231.7	801.4	254.6	85.2	16.0	154.3	99.0	88.8	2,313.9
June qtr	329.9	496.5	267.3	292.2	299.1	105.6	16.0	152.6	137.9	52.1	2,149.3
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	250.1	398.7	206.3	302.6	414.4	85.3	20.6	113.8	134.6	70.7	1,997.2
<b>PUBLIC SECTOR</b>											
1994-95	6.7	49.8	48.1	566.0	257.3	851.6	—	389.0	280.5	348.7	2,797.7
1995-96	5.6	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
1996 Dec. qtr	1.0	56.3	33.2	204.3	142.3	183.3	1.1	149.6	60.9	89.8	921.9
1997 Mar. qtr	3.1	23.5	5.6	153.7	59.1	227.5	—	175.7	149.2	73.4	870.7
June qtr	4.7	15.2	6.3	77.9	120.8	346.3	0.2	117.1	61.7	173.0	923.1
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	1.2	78.1	202.3	241.1	—	290.1	47.6	112.5	980.5
<b>TOTAL</b>											
1994-95	412.6	1,800.8	846.6	1,520.5	1,175.4	1,214.1	75.0	670.1	1,159.1	602.1	9,476.4
1995-96	827.3	2,064.9	1,008.2	1,658.5	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
1996 Dec. qtr	194.1	460.0	353.7	454.8	486.5	278.0	12.3	283.0	553.6	217.6	3,293.5
1997 Mar. qtr	195.6	413.8	237.3	955.1	313.7	312.7	16.0	330.0	248.2	162.2	3,184.6
June qtr	334.6	511.7	273.6	370.2	419.9	451.9	16.2	269.6	199.7	225.0	3,072.4
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	251.3	405.2	207.4	380.7	616.7	326.4	20.6	403.9	182.2	183.3	2,977.7

**TABLE 13. NUMBER AND VALUE OF BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL**

	<i>Number of dwelling units</i>				<i>Value (\$m)</i>						
	<i>New houses</i>	<i>New other residential building</i>	<i>Conversions etc.</i>	<i>Total dwelling units</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
<b>PRIVATE SECTOR</b>											
1994-95	42,190	30,191	2,890	75,271	4,734.3	3,320.4	8,054.7	1,394.2	9,448.9	6,443.2	15,892.1
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
1996 Dec. qtr	32,679	25,121	2,168	59,968	3,978.3	3,263.2	7,241.5	1,053.1	8,294.6	7,995.5	16,290.2
1997 Mar. qtr	33,974	26,867	2,345	63,186	4,145.9	3,331.8	7,477.7	1,118.2	8,595.8	8,803.5	17,399.3
June qtr	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
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	39,714	31,583	3,180	74,477	5,001.9	4,382.8	9,384.7	1,406.0	10,790.7	8,899.6	19,690.3
<b>PUBLIC SECTOR</b>											
1994-95	939	2,792	23	3,754	86.7	222.5	309.3	15.4	324.7	3,599.5	3,924.2
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	31.2	224.9	3,377.0	3,601.9
1996 Dec. qtr	452	2,120	85	2,657	47.9	175.5	223.4	24.6	247.9	3,078.9	3,326.9
1997 Mar. qtr	527	1,980	88	2,595	57.1	165.3	222.4	24.8	247.2	3,264.7	3,511.9
June qtr	547	1,589	153	2,289	60.5	133.3	193.7	31.2	224.9	3,377.0	3,601.9
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	715	1,348	22	2,085	74.4	103.9	178.3	27.0	205.3	4,008.9	4,214.2
<b>TOTAL</b>											
1994-95	43,129	32,983	2,913	79,025	4,821.0	3,543.0	8,364.0	1,409.6	9,773.6	10,042.7	19,816.3
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
1996 Dec. qtr	33,131	27,241	2,253	62,625	4,026.2	3,438.7	7,464.9	1,077.7	8,542.6	11,074.4	19,617.0
1997 Mar. qtr	34,501	28,847	2,433	65,781	4,203.0	3,497.1	7,700.1	1,142.9	8,843.0	12,068.2	20,911.2
June qtr	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
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	40,429	32,931	3,202	76,562	5,076.3	4,486.7	9,563.0	1,433.0	10,996.0	12,908.5	23,904.5



**TABLE 14. VALUE OF NON-RESIDENTIAL BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL**  
**(\$ million)**

	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
<b>PRIVATE SECTOR</b>											
1994-95	578.1	1,938.5	523.1	870.0	639.9	199.3	71.9	355.4	1,068.5	198.5	6,443.2
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
1996 Dec. qtr	1,350.2	1,469.4	720.5	721.0	1,146.0	249.4	74.3	306.0	1,678.0	280.7	7,995.5
1997 Mar. qtr	1,510.0	1,607.7	644.8	1,280.3	1,039.4	156.1	78.8	399.3	1,777.2	309.8	8,803.5
June qtr	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
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	1,608.3	1,552.1	538.9	1,888.5	1,211.2	217.8	84.5	505.2	1,118.3	174.8	8,899.6
<b>PUBLIC SECTOR</b>											
1994-95	4.2	25.2	85.3	614.2	492.4	756.6	—	871.3	429.0	321.3	3,599.5
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
1996 Dec. qtr	0.5	78.4	56.4	595.8	333.2	788.8	1.1	613.6	289.8	321.2	3,078.9
1997 Mar. qtr	3.3	80.1	57.8	602.3	334.2	729.3	1.1	760.0	398.0	298.5	3,264.7
June qtr	6.8	78.2	33.9	531.4	373.6	818.3	1.3	746.8	376.3	410.4	3,377.0
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	3.7	537.9	411.0	775.2	—	1,375.4	433.3	451.1	4,008.9
<b>TOTAL</b>											
1994-95	582.3	1,963.6	608.5	1,484.2	1,132.3	956.0	71.9	1,226.7	1,497.4	519.8	10,042.7
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
1996 Dec. qtr	1,350.7	1,547.7	776.9	1,316.8	1,479.2	1,038.3	75.4	919.6	1,967.9	601.9	11,074.4
1997 Mar. qtr	1,513.2	1,687.9	702.7	1,882.6	1,373.6	885.4	79.9	1,159.3	2,175.2	608.3	12,068.2
June qtr	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
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	1,613.8	1,568.0	542.6	2,426.4	1,622.1	993.0	84.5	1,880.6	1,551.6	625.9	12,908.5

**TABLE 15. NUMBER AND VALUE OF BUILDING COMPLETED: ORIGINAL**

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
<b>PRIVATE SECTOR</b>											
1994-95	118,982	43,433	2,928	165,342	11,459.6	3,561.1	15,020.7	2,457.6	17,478.2	5,948.4	23,426.6
1995-96	92,451	36,633	2,878	131,962	9,653.9	3,586.7	13,240.7	2,668.5	15,909.2	7,639.5	23,548.7
1996-97	82,146	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
1996 Dec. qtr	22,219	7,752	403	30,374	2,436.0	717.3	3,153.3	707.6	3,860.9	2,477.4	6,338.3
1997 Mar. qtr	18,704	7,691	554	26,949	2,044.6	893.5	2,938.1	518.6	3,456.7	1,896.0	5,352.7
June qtr	21,348	7,826	603	29,777	2,352.9	833.4	3,186.3	617.5	3,803.8	1,969.1	5,772.9
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	20,421	7,520	1,152	29,093	2,319.4	818.2	3,137.6	678.1	3,815.8	1,713.3	5,529.1
<b>PUBLIC SECTOR</b>											
1994-95	3,024	4,769	62	7,855	251.4	323.2	574.6	16.8	591.4	3,234.6	3,826.0
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
1996 Dec. qtr	469	1,221	23	1,713	45.0	88.8	133.8	16.9	150.7	808.0	958.7
1997 Mar. qtr	278	1,030	19	1,327	28.6	80.2	108.8	14.1	122.9	737.3	860.2
June qtr	446	955	14	1,415	47.8	77.5	125.3	14.4	139.7	816.5	956.3
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	299	434	5	738	32.5	39.7	72.3	16.6	88.9	969.6	1,058.5
<b>TOTAL</b>											
1994-95	122,006	48,202	2,990	173,197	11,711.0	3,884.3	15,595.2	2,474.4	18,069.6	9,183.0	27,252.6
1995-96	94,810	41,121	2,931	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	83,724	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
1996 Dec. qtr	22,688	8,973	426	32,087	2,481.0	806.1	3,287.1	724.5	4,011.6	3,285.4	7,297.0
1997 Mar. qtr	18,982	8,721	573	28,276	2,073.2	973.7	3,046.9	532.8	3,579.6	2,633.2	6,212.9
June qtr	21,794	8,781	617	31,192	2,400.6	910.9	3,311.6	632.0	3,943.5	2,785.6	6,729.1
Sept. qtr	22,331	9,809	747	32,887	2,485.7	970.7	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	20,720	7,954	1,157	29,831	2,351.9	858.0	3,209.9	694.7	3,904.7	2,682.9	6,587.6

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

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
<b>PRIVATE SECTOR</b>											
1994-95	486.3	1,503.9	877.0	921.5	733.0	306.5	68.2	364.1	425.6	262.2	5,948.4
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
1996 Dec. qtr	150.6	627.6	425.2	282.4	421.1	128.2	18.6	63.2	261.9	98.5	2,477.4
1997 Mar. qtr	132.0	318.6	328.3	266.8	388.0	183.2	11.8	65.0	140.8	61.4	1,896.0
June qtr	408.0	351.3	245.4	260.3	244.3	68.8	27.7	97.2	149.7	116.3	1,969.1
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	97.1	17.3	130.2	574.9	123.3	3,298.7
1998 Mar. qtr	231.6	346.3	197.2	231.9	322.8	148.4	15.0	71.1	92.4	56.6	1,713.3
<b>PUBLIC SECTOR</b>											
1994-95	14.2	46.0	37.8	868.6	123.1	823.6	—	725.0	347.3	249.1	3,234.6
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
1996 Dec. qtr	3.7	19.6	11.3	197.4	110.1	215.4	—	138.5	41.7	70.2	808.0
1997 Mar. qtr	0.2	22.6	4.3	143.9	63.0	287.7	—	74.6	44.5	96.4	737.3
June qtr	1.1	18.1	30.6	154.7	87.3	271.6	—	132.6	61.4	59.1	816.5
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	71.9	172.5	292.5	—	160.2	196.1	63.3	969.6
<b>TOTAL</b>											
1994-95	500.5	1,549.9	914.9	1,790.1	856.0	1,130.1	68.2	1,089.1	772.9	511.3	9,183.0
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
1996 Dec. qtr	154.3	647.3	436.6	479.8	531.2	343.6	18.6	201.7	303.6	168.7	3,285.4
1997 Mar. qtr	132.2	341.2	332.6	410.7	450.9	471.0	11.8	139.7	185.3	157.8	2,633.2
June qtr	409.1	369.4	276.0	415.0	331.7	340.5	27.7	229.8	211.0	175.4	2,785.6
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	233.6	355.1	199.5	303.8	495.3	440.9	15.0	231.3	288.6	119.9	2,682.9

**TABLE 17. VALUE OF BUILDING WORK DONE: ORIGINAL**  
(\$ million)

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
<b>PRIVATE SECTOR</b>							
1994-95	11,306.9	4,054.3	15,361.2	2,593.0	17,954.2	6,767.0	24,721.2
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
1996 Dec. qtr	2,363.4	844.1	3,207.5	660.0	3,867.5	2,493.8	6,361.2
1997 Mar. qtr	2,154.5	834.7	2,989.2	568.9	3,558.1	2,337.7	5,895.8
June qtr	2,430.8	892.9	3,323.6	657.7	3,981.4	2,225.7	6,207.1
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	2,625.5	1,019.7	3,645.2	674.4	4,319.6	2,229.1	6,548.7
<b>PUBLIC SECTOR</b>							
1994-95	239.1	343.1	582.2	23.1	605.3	2,978.8	3,584.1
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
1996 Dec. qtr	38.7	79.6	118.3	18.0	136.3	832.6	969.0
1997 Mar. qtr	38.7	67.9	106.5	15.9	122.4	796.0	918.4
June qtr	50.3	77.1	127.4	16.5	143.8	895.4	1,039.3
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	38.4	38.6	77.0	21.0	97.9	828.7	926.7
<b>TOTAL</b>							
1994-95	11,546.0	4,397.4	15,943.4	2,616.1	18,559.4	9,745.8	28,305.3
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
1996 Dec. qtr	2,402.1	923.8	3,325.9	677.9	4,003.8	3,326.4	7,330.2
1997 Mar. qtr	2,193.2	902.5	3,095.7	584.8	3,680.5	3,133.6	6,814.2
June qtr	2,481.0	970.0	3,451.0	674.2	4,125.2	3,121.1	7,246.3
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	2,663.8	1,058.3	3,722.2	695.4	4,417.5	3,057.8	7,475.3

**TABLE 18. VALUE OF NON-RESIDENTIAL BUILDING WORK DONE: ORIGINAL**  
**(\$ million)**

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
<b>PRIVATE SECTOR</b>											
1994-95	470.8	1,860.9	799.3	1,100.4	899.6	325.4	75.2	393.7	576.1	265.6	6,767.0
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
1996 Dec. qtr	203.7	587.3	315.5	316.2	387.9	126.8	18.3	94.6	334.8	108.8	2,493.8
1997 Mar. qtr	330.3	447.4	266.8	312.8	321.8	100.4	16.0	117.3	341.6	83.4	2,337.7
June qtr	236.1	471.2	269.4	352.7	349.1	66.9	20.4	117.8	227.4	114.8	2,225.7
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	280.4	435.0	236.7	338.5	366.7	128.5	20.5	120.1	237.1	65.3	2,229.1
<b>PUBLIC SECTOR</b>											
1994-95	10.3	46.9	80.5	581.6	367.8	812.0	—	468.6	324.5	286.7	2,978.8
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
1996 Dec. qtr	1.2	26.9	16.0	167.7	90.1	262.2	—	124.9	68.7	75.0	832.6
1997 Mar. qtr	1.4	34.1	18.4	122.6	82.2	253.9	0.2	123.6	82.2	77.3	796.0
June qtr	1.4	33.7	23.7	159.3	109.3	224.6	0.2	142.5	105.3	95.3	895.4
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	2.0	8.5	1.4	96.8	107.2	234.8	—	176.6	108.1	93.3	828.7
<b>TOTAL</b>											
1994-95	481.1	1,907.8	879.7	1,682.0	1,267.5	1,137.4	75.2	862.3	900.6	552.3	9,745.8
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
1996 Dec. qtr	204.9	614.2	331.4	483.9	477.9	389.1	18.4	219.5	403.4	183.7	3,326.4
1997 Mar. qtr	331.7	481.5	285.2	435.4	404.0	354.2	16.2	240.9	423.8	160.7	3,133.6
June qtr	237.5	504.9	293.1	512.0	458.4	291.5	20.7	260.3	332.7	210.1	3,121.1
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	282.4	443.5	238.1	435.3	473.9	363.4	20.5	296.8	345.2	158.7	3,057.8

**TABLE 19. VALUE OF BUILDING WORK YET TO BE DONE AT END OF PERIOD: ORIGINAL**  
**(\$ million)**

	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
<b>PRIVATE SECTOR</b>							
1994-95	2,114.7	1,729.5	3,844.2	564.5	4,408.7	3,516.5	7,925.2
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
1996 Dec. qtr	1,868.9	1,701.4	3,570.3	475.1	4,045.4	3,903.9	7,949.3
1997 Mar. qtr	1,935.1	1,825.7	3,760.8	490.6	4,251.4	4,274.6	8,526.0
June qtr	2,064.8	1,947.5	4,012.2	544.8	4,557.1	4,294.5	8,851.5
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	2,348.0	2,441.4	4,789.4	651.4	5,440.8	4,716.3	10,157.1
<b>PUBLIC SECTOR</b>							
1994-95	41.2	110.4	151.5	6.5	158.0	1,479.1	1,637.1
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	1,799.1
1996 Dec. qtr	25.7	82.8	108.5	12.8	121.4	1,512.0	1,633.3
1997 Mar. qtr	25.2	85.2	110.4	11.3	121.7	1,642.4	1,764.0
June qtr	26.1	53.6	79.7	15.6	95.3	1,703.7	1,799.1
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	59.3	93.5	14.6	108.2	2,323.4	2,431.6
<b>TOTAL</b>							
1994-95	2,155.9	1,839.8	3,995.7	571.1	4,566.8	4,995.6	9,562.3
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
1996 Dec. qtr	1,894.6	1,784.2	3,678.8	487.9	4,166.7	5,415.9	9,582.6
1997 Mar. qtr	1,960.3	1,911.0	3,871.2	501.8	4,373.0	5,917.0	10,290.0
June qtr	2,090.9	2,001.1	4,091.9	560.4	4,652.4	5,998.2	10,650.6
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	2,382.2	2,500.7	4,882.9	666.0	5,548.9	7,039.8	12,588.7

**TABLE 20. VALUE OF NON-RESIDENTIAL BUILDING WORK YET TO BE DONE AT END OF PERIOD: ORIGINAL**  
**(\$ million)**

	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
<b>PRIVATE SECTOR</b>											
1994-95	399.7	950.9	268.8	443.4	317.9	112.5	33.2	125.5	773.7	90.8	3,516.5
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
1996 Dec. qtr	790.0	825.5	291.4	377.0	528.9	83.5	29.9	184.9	669.2	123.5	3,903.9
1997 Mar. qtr	750.1	838.6	277.9	892.2	488.2	73.1	30.3	225.9	567.5	130.8	4,274.6
June qtr	852.2	901.2	282.1	835.7	450.6	112.4	34.7	261.9	482.6	81.1	4,294.5
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	1,035.1	765.0	200.5	1,214.2	485.1	89.0	39.0	228.8	578.0	81.6	4,716.3
<b>PUBLIC SECTOR</b>											
1994-95	1.9	11.5	21.8	297.4	167.8	394.3	—	282.9	131.9	169.6	1,479.1
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
1996 Dec. qtr	0.3	53.4	38.6	331.8	172.4	333.0	1.1	303.5	147.8	130.1	1,512.0
1997 Mar. qtr	1.9	43.7	25.9	359.7	154.1	306.9	0.9	404.5	218.3	126.6	1,642.4
June qtr	5.1	26.1	8.8	284.2	173.0	452.0	0.8	394.9	154.6	204.1	1,703.7
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	1.7	268.5	278.3	390.0	—	831.2	268.0	277.5	2,323.4
<b>TOTAL</b>											
1994-95	401.7	962.4	290.6	740.9	485.7	506.8	33.2	408.4	905.7	260.3	4,995.6
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
1996 Dec. qtr	790.4	879.0	330.0	708.8	701.2	416.5	31.0	488.4	817.0	253.6	5,415.9
1997 Mar. qtr	752.0	882.3	303.7	1,252.0	642.3	380.0	31.1	630.4	785.8	257.4	5,917.0
June qtr	857.3	927.3	290.9	1,119.9	623.6	564.4	35.5	656.8	637.2	285.2	5,998.2
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	1,038.3	770.1	202.2	1,482.6	763.4	479.1	39.0	1,060.0	846.1	359.1	7,039.8

**TABLE 21. 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
1996-97											
NSW	23,385	18,681	1,667	43,733	2,827.5	1,944.5	4,772.0	1,098.2	5,870.2	4,818.9	10,689.1
Vic.	18,652	6,047	1,132	25,830	2,073.3	618.9	2,692.2	761.0	3,453.1	2,917.9	6,371.1
Qld	22,871	9,004	535	32,410	2,399.2	794.4	3,193.6	288.4	3,482.0	2,167.5	5,649.5
SA	5,113	651	26	5,790	449.3	47.0	496.3	116.9	613.2	568.7	1,181.9
WA	12,522	2,241	86	14,849	1,282.6	195.3	1,477.9	174.5	1,652.4	1,155.0	2,807.4
Tas.	1,561	291	30	1,882	141.9	23.5	165.4	39.1	204.5	163.1	367.6
NT	985	701	40	1,726	124.7	61.8	186.5	23.8	210.3	217.7	428.0
ACT	1,158	729	65	1,952	131.3	63.9	195.2	62.7	257.9	379.9	637.8
<b>Australia</b>	<b>86,246</b>	<b>38,345</b>	<b>3,580</b>	<b>128,172</b>	<b>9,429.8</b>	<b>3,749.4</b>	<b>13,179.1</b>	<b>2,564.6</b>	<b>15,743.7</b>	<b>12,388.8</b>	<b>28,132.5</b>
DECEMBER QUARTER 1997											
NSW	7,050	4,901	539	12,490	866.8	628.0	1,494.8	355.0	1,849.8	1,249.1	3,098.9
Vic.	7,088	1,958	174	9,220	818.1	232.2	1,050.3	223.9	1,274.1	1,068.2	2,342.4
Qld	6,224	3,058	141	9,424	673.4	287.9	961.4	87.3	1,048.7	654.8	1,703.5
SA	1,588	312	6	1,906	145.1	34.8	179.8	33.8	213.7	174.1	387.7
WA	3,788	471	41	4,300	414.8	44.7	459.6	51.4	511.0	221.7	732.7
Tas.	377	67	—	444	34.6	6.0	40.6	10.1	50.7	37.9	88.6
NT	270	229	2	501	33.3	20.0	53.3	4.3	57.6	39.1	96.7
ACT	302	98	—	400	38.2	8.3	46.5	15.1	61.6	65.6	127.2
<b>Australia</b>	<b>26,688</b>	<b>11,094</b>	<b>903</b>	<b>38,685</b>	<b>3,024.3</b>	<b>1,261.9</b>	<b>4,286.2</b>	<b>780.9</b>	<b>5,067.1</b>	<b>3,510.5</b>	<b>8,577.6</b>
MARCH QUARTER 1998											
NSW	6,523	4,844	439	11,806	787.9	595.2	1,383.1	346.4	1,729.5	1,229.6	2,959.0
Vic.	5,992	1,722	168	7,882	660.3	184.6	845.0	186.2	1,031.2	572.3	1,603.5
Qld	5,384	2,520	33	7,937	599.5	207.3	806.8	59.9	866.7	686.1	1,552.9
SA	1,441	145	67	1,653	135.0	15.4	150.4	38.9	189.3	92.1	281.3
WA	3,437	558	29	4,024	361.9	45.4	407.3	49.8	457.1	212.3	669.5
Tas.	350	29	—	379	33.4	2.2	35.6	10.4	46.0	22.6	68.6
NT	287	319	2	608	37.6	41.7	79.3	7.0	86.3	52.6	138.9
ACT	245	40	2	287	29.1	3.2	32.3	12.0	44.3	110.1	154.4
<b>Australia</b>	<b>23,659</b>	<b>10,177</b>	<b>740</b>	<b>34,576</b>	<b>2,644.7</b>	<b>1,095.0</b>	<b>3,739.7</b>	<b>710.7</b>	<b>4,450.4</b>	<b>2,977.7</b>	<b>7,428.1</b>



**TABLE 22. 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>
1996-97											
NSW	304.5	632.9	449.9	1,087.1	685.9	412.9	37.3	276.1	794.7	137.5	4,818.9
Vic.	260.0	348.2	343.8	508.5	306.4	410.3	11.9	303.6	112.4	312.6	2,917.9
Qld	271.3	410.6	144.1	188.7	340.4	281.4	11.1	234.6	133.7	151.5	2,167.5
SA	38.2	93.4	42.5	87.0	89.3	66.1	2.1	51.5	49.8	48.7	568.7
WA	79.2	176.5	112.1	146.0	175.3	98.9	5.8	225.1	82.5	53.7	1,155.0
Tas.	6.7	18.3	32.4	30.9	13.9	15.5	0.2	21.1	8.2	15.8	163.1
NT	2.6	57.1	25.7	28.2	25.2	44.6	0.2	3.8	6.2	24.0	217.7
ACT	0.4	16.4	1.2	228.9	13.1	56.4	1.7	17.2	35.8	9.0	379.9
<b>Australia</b>	<b>962.9</b>	<b>1,753.4</b>	<b>1,151.8</b>	<b>2,305.4</b>	<b>1,649.6</b>	<b>1,386.2</b>	<b>70.5</b>	<b>1,132.9</b>	<b>1,223.3</b>	<b>752.9</b>	<b>12,388.8</b>
DECEMBER QUARTER 1997											
NSW	218.6	88.4	100.4	460.4	111.5	82.4	6.5	52.3	96.7	32.0	1,249.1
Vic.	53.7	124.6	84.3	93.8	128.4	70.6	8.7	93.9	389.8	20.7	1,068.2
Qld	80.1	142.3	27.4	53.3	87.7	47.3	2.3	108.4	51.5	54.5	654.8
SA	3.0	33.1	6.4	58.3	12.8	27.0	3.7	10.8	14.0	5.0	174.1
WA	9.5	32.4	17.6	32.6	38.6	37.9	2.3	21.6	18.0	11.4	221.7
Tas.	7.8	2.6	1.8	8.3	4.8	7.0	—	3.3	0.9	1.3	37.9
NT	—	4.2	0.4	13.9	7.7	1.5	—	1.0	3.6	6.7	39.1
ACT	3.6	9.7	—	13.6	4.6	16.9	0.5	15.1	0.7	0.9	65.6
<b>Australia</b>	<b>376.2</b>	<b>437.2</b>	<b>238.1</b>	<b>734.1</b>	<b>396.2</b>	<b>290.5</b>	<b>24.0</b>	<b>306.3</b>	<b>575.1</b>	<b>132.6</b>	<b>3,510.5</b>
MARCH QUARTER 1998											
NSW	138.3	118.4	81.3	202.0	322.5	150.3	3.6	103.7	78.5	30.9	1,229.6
Vic.	40.7	48.7	53.9	91.6	153.3	63.8	2.8	42.0	19.4	56.2	572.3
Qld	46.5	116.1	28.8	33.4	81.9	41.7	10.5	232.3	41.1	53.9	686.1
SA	3.0	18.9	8.8	7.3	10.2	16.4	0.5	9.3	10.4	7.2	92.1
WA	17.3	30.9	30.1	29.7	37.6	31.4	1.8	14.7	8.3	10.4	212.3
Tas.	0.3	3.1	3.0	3.4	1.9	8.8	—	0.2	1.3	0.7	22.6
NT	—	5.8	1.5	2.5	8.3	10.0	—	0.5	0.4	23.6	52.6
ACT	5.2	63.2	—	10.8	0.9	4.2	1.5	1.2	22.7	0.3	110.1
<b>Australia</b>	<b>251.3</b>	<b>405.2</b>	<b>207.4</b>	<b>380.7</b>	<b>616.7</b>	<b>326.4</b>	<b>20.6</b>	<b>403.9</b>	<b>182.2</b>	<b>183.3</b>	<b>2,977.7</b>

**TABLE 23. 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
1996-97											
NSW	10,885	16,325	1,592	28,802	1,486.2	2,186.0	3,672.2	607.3	4,279.5	5,617.8	9,897.2
Vic.	8,937	4,151	1,028	14,116	1,089.9	492.4	1,582.3	358.5	1,940.8	3,020.8	4,961.6
Qld	6,284	6,087	440	12,811	741.7	672.6	1,414.3	91.8	1,506.2	1,714.5	3,220.6
SA	2,199	440	37	2,676	217.0	36.0	253.0	48.2	301.2	542.4	843.7
WA	5,296	1,387	37	6,720	659.7	141.0	800.8	70.9	871.7	793.4	1,665.1
Tas.	1,273	334	14	1,621	113.9	30.2	144.0	17.9	161.9	139.0	300.8
NT	390	455	9	854	48.4	39.0	87.5	11.8	99.3	129.3	228.6
ACT	383	424	134	941	48.1	44.0	92.2	34.1	126.2	483.8	610.0
<b>Australia</b>	<b>35,648</b>	<b>29,603</b>	<b>3,291</b>	<b>68,542</b>	<b>4,405.0</b>	<b>3,641.3</b>	<b>8,046.2</b>	<b>1,240.5</b>	<b>9,286.8</b>	<b>12,440.9</b>	<b>21,727.7</b>
DECEMBER QUARTER 1997											
NSW	11,318	17,440	1,851	30,609	1,564.7	2,691.6	4,256.2	726.7	4,983.0	6,103.7	11,086.7
Vic.	10,720	4,104	1,086	15,910	1,304.8	532.1	1,836.8	399.4	2,236.2	2,514.4	4,750.6
Qld	6,116	6,483	595	13,193	764.8	702.8	1,467.5	105.3	1,572.9	2,076.1	3,649.0
SA	2,095	480	12	2,587	213.9	49.1	263.0	42.9	305.9	381.3	687.2
WA	5,474	1,268	86	6,828	690.5	138.9	829.4	80.7	910.2	726.8	1,636.9
Tas.	1,135	297	1	1,433	102.7	26.2	128.9	16.5	145.4	84.2	229.6
NT	344	436	7	787	45.3	43.4	88.7	8.4	97.1	118.3	215.5
ACT	322	256	4	582	43.7	29.0	72.7	15.5	88.2	368.8	457.0
<b>Australia</b>	<b>37,524</b>	<b>30,764</b>	<b>3,642</b>	<b>71,930</b>	<b>4,730.4</b>	<b>4,213.0</b>	<b>8,943.3</b>	<b>1,395.5</b>	<b>10,338.9</b>	<b>12,373.7</b>	<b>22,712.6</b>
MARCH QUARTER 1998											
NSW	12,304	18,957	1,992	33,253	1,682.2	2,922.6	4,604.9	783.3	5,388.1	6,462.9	11,851.0
Vic.	11,595	4,666	606	16,867	1,424.8	605.6	2,030.4	374.4	2,404.9	2,451.9	4,856.7
Qld	6,519	6,558	438	13,515	799.2	667.5	1,466.7	89.2	1,555.9	2,349.0	3,904.8
SA	2,292	477	75	2,844	235.0	50.4	285.4	56.4	341.8	358.1	699.9
WA	5,861	1,266	82	7,209	730.4	129.7	860.2	82.5	942.7	642.5	1,585.2
Tas.	1,151	201	1	1,353	106.1	13.8	119.9	19.4	139.3	71.6	210.9
NT	395	522	3	920	54.4	65.6	119.9	10.5	130.5	159.8	290.3
ACT	312	284	5	601	44.2	31.4	75.6	17.3	92.9	412.7	505.6
<b>Australia</b>	<b>40,429</b>	<b>32,931</b>	<b>3,202</b>	<b>76,562</b>	<b>5,076.3</b>	<b>4,486.7</b>	<b>9,563.0</b>	<b>1,433.0</b>	<b>10,996.0</b>	<b>12,908.5</b>	<b>23,904.5</b>

**TABLE 24. 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>
1996-97											
NSW	579.5	761.6	295.0	1,040.9	871.5	349.0	41.7	399.8	1,090.6	188.2	5,617.8
Vic.	418.2	284.6	214.9	233.4	246.7	310.0	11.3	236.2	806.4	259.1	3,020.8
Qld	345.6	509.6	49.7	69.2	182.4	138.2	8.4	207.4	112.6	91.5	1,714.5
SA	33.6	144.3	30.1	42.5	69.0	39.7	2.4	65.1	41.1	74.5	542.4
WA	62.5	109.8	52.1	73.6	93.9	88.1	4.2	227.8	56.3	25.1	793.4
Tas.	1.4	8.6	43.0	18.8	3.6	6.2	0.9	32.2	13.2	11.1	139.0
NT	0.8	40.3	21.2	7.3	8.5	33.5	0.2	0.4	3.4	13.8	129.3
ACT	—	8.4	0.1	360.9	4.3	47.1	1.3	33.4	22.3	5.8	483.8
<b>Australia</b>	<b>1,441.6</b>	<b>1,867.4</b>	<b>706.2</b>	<b>1,846.5</b>	<b>1,479.8</b>	<b>1,011.7</b>	<b>70.4</b>	<b>1,202.2</b>	<b>2,146.0</b>	<b>669.0</b>	<b>12,440.9</b>
DECEMBER QUARTER 1997											
NSW	718.7	868.0	242.7	1,487.2	920.0	310.3	46.7	417.2	992.2	101.0	6,103.7
Vic.	454.2	185.5	160.1	195.5	260.7	365.7	13.3	303.5	412.1	163.8	2,514.4
Qld	283.3	238.8	43.5	134.1	186.3	211.0	7.3	620.8	126.2	224.8	2,076.1
SA	32.7	59.0	40.2	71.4	15.5	43.4	5.5	69.2	29.6	14.8	381.3
WA	64.6	82.5	34.0	78.2	58.9	90.1	3.7	229.0	54.7	31.2	726.8
Tas.	7.9	2.2	1.4	7.4	12.7	9.6	1.2	27.8	4.7	9.4	84.2
NT	0.9	42.6	1.1	21.9	31.9	7.9	—	0.7	4.0	7.3	118.3
ACT	3.6	21.0	0.1	255.4	5.5	46.1	2.1	16.1	11.3	7.4	368.8
<b>Australia</b>	<b>1,565.9</b>	<b>1,499.6</b>	<b>523.1</b>	<b>2,251.0</b>	<b>1,491.4</b>	<b>1,084.2</b>	<b>79.8</b>	<b>1,684.3</b>	<b>1,634.7</b>	<b>559.7</b>	<b>12,373.7</b>
MARCH QUARTER 1998											
NSW	792.2	907.0	259.1	1,670.5	978.8	328.9	43.4	496.9	886.5	99.6	6,462.9
Vic.	420.9	125.4	161.0	215.8	340.8	305.6	12.2	250.4	419.2	200.6	2,451.9
Qld	294.3	269.8	41.5	134.2	183.4	185.3	15.3	848.1	146.7	230.4	2,349.0
SA	35.0	66.6	29.8	58.3	15.3	42.2	5.4	75.3	15.5	14.7	358.1
WA	61.0	55.9	46.6	72.5	55.3	86.4	3.4	175.6	50.2	35.6	642.5
Tas.	0.5	2.2	3.5	7.3	11.8	12.1	1.0	17.3	6.4	9.6	71.6
NT	0.9	58.4	1.1	15.4	36.6	11.8	—	0.5	4.2	31.0	159.8
ACT	9.0	82.8	—	252.4	0.2	20.7	3.6	16.5	23.0	4.5	412.7
<b>Australia</b>	<b>1,613.8</b>	<b>1,568.0</b>	<b>542.6</b>	<b>2,426.4</b>	<b>1,622.1</b>	<b>993.0</b>	<b>84.5</b>	<b>1,880.6</b>	<b>1,551.6</b>	<b>625.9</b>	<b>12,908.5</b>

**TABLE 25. 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
1996-97											
NSW	23,461	16,779	919	41,159	2,753.4	1,772.4	4,525.8	1,077.2	5,603.0	3,799.7	9,402.7
Vic.	17,613	5,727	1,215	24,556	1,956.0	661.6	2,617.6	768.5	3,386.1	2,707.8	6,093.8
Qld	22,552	7,854	158	30,564	2,320.2	695.2	3,015.4	277.2	3,292.6	2,389.1	5,681.7
SA	4,624	650	13	5,287	414.1	53.0	467.1	123.6	590.7	584.3	1,175.0
WA	11,498	2,844	99	14,441	1,176.4	253.7	1,430.1	179.2	1,609.3	887.1	2,496.4
Tas.	1,797	379	16	2,192	171.2	30.9	202.1	41.7	243.8	178.0	421.8
NT	948	623	37	1,608	114.9	58.2	173.1	21.7	194.8	306.6	501.4
ACT	1,230	815	3	2,048	144.2	69.3	213.5	52.1	265.5	411.9	677.4
<b>Australia</b>	<b>83,724</b>	<b>35,671</b>	<b>2,460</b>	<b>121,855</b>	<b>9,050.2</b>	<b>3,594.4</b>	<b>12,644.6</b>	<b>2,541.2</b>	<b>15,185.9</b>	<b>11,264.5</b>	<b>26,450.4</b>
DECEMBER QUARTER 1997											
NSW	7,082	4,682	491	12,255	886.9	508.7	1,395.6	366.2	1,761.8	1,597.5	3,359.3
Vic.	5,842	1,725	187	7,754	700.6	185.7	886.3	219.3	1,105.6	641.5	1,747.1
Qld	6,610	2,300	31	8,941	718.3	232.7	951.0	82.4	1,033.4	899.3	1,932.7
SA	1,696	240	4	1,940	151.6	21.2	172.8	39.2	212.1	369.2	581.2
WA	3,879	587	3	4,469	412.6	48.6	461.2	43.1	504.3	340.8	845.1
Tas.	456	103	—	559	42.8	8.3	51.1	11.6	62.7	73.0	135.7
NT	314	127	3	444	39.7	11.0	50.7	6.6	57.3	66.5	123.8
ACT	264	239	130	633	30.3	24.4	54.7	24.9	79.6	176.7	256.4
<b>Australia</b>	<b>26,143</b>	<b>10,003</b>	<b>849</b>	<b>36,995</b>	<b>2,982.8</b>	<b>1,040.7</b>	<b>4,023.5</b>	<b>793.3</b>	<b>4,816.8</b>	<b>4,164.3</b>	<b>8,981.1</b>
MARCH QUARTER 1998											
NSW	5,524	3,271	296	9,091	696.1	383.5	1,079.6	297.3	1,377.0	1,024.2	2,401.2
Vic.	5,117	1,160	627	6,904	549.7	116.6	666.3	219.9	886.2	659.2	1,545.4
Qld	4,980	2,445	190	7,616	574.1	250.9	824.9	77.5	902.4	444.0	1,346.4
SA	1,226	148	4	1,378	113.7	14.8	128.5	26.5	155.0	123.6	278.6
WA	3,050	560	33	3,643	328.8	55.8	384.6	50.0	434.6	309.2	743.9
Tas.	334	125	—	459	32.0	14.7	46.7	8.2	54.9	34.8	89.7
NT	234	233	6	473	28.7	20.9	49.6	5.0	54.5	19.8	74.4
ACT	255	12	1	268	28.9	0.8	29.7	10.4	40.0	68.0	108.0
<b>Australia</b>	<b>20,720</b>	<b>7,954</b>	<b>1,157</b>	<b>29,831</b>	<b>2,351.9</b>	<b>858.0</b>	<b>3,209.9</b>	<b>694.7</b>	<b>3,904.7</b>	<b>2,682.9</b>	<b>6,587.6</b>

**TABLE 26. 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>
1996-97											
NSW	97.0	682.5	530.7	582.2	525.3	427.1	36.8	375.9	404.7	137.5	3,799.7
Vic.	299.2	364.8	295.6	404.0	429.5	342.0	13.3	194.6	169.0	195.7	2,707.8
Qld	200.5	539.6	281.7	228.4	327.7	252.6	10.5	176.7	183.3	188.2	2,389.1
SA	13.7	67.0	23.6	134.3	111.3	125.4	0.6	57.0	34.3	17.1	584.3
WA	121.9	128.2	101.4	130.4	128.1	90.5	4.8	29.2	60.0	92.5	887.1
Tas.	16.0	30.4	19.7	23.4	19.1	29.2	1.2	13.4	9.0	16.6	178.0
NT	61.9	57.1	5.6	41.1	40.5	48.8	0.1	4.0	10.1	37.3	306.6
ACT	0.4	9.4	6.0	218.3	16.6	66.5	0.7	11.6	44.6	37.8	411.9
<b>Australia</b>	<b>810.7</b>	<b>1,879.0</b>	<b>1,264.4</b>	<b>1,762.1</b>	<b>1,598.1</b>	<b>1,382.1</b>	<b>68.1</b>	<b>862.4</b>	<b>915.0</b>	<b>722.6</b>	<b>11,264.5</b>
DECEMBER QUARTER 1997											
NSW	222.2	280.9	108.2	168.5	115.3	112.8	3.1	73.1	469.8	43.5	1,597.5
Vic.	42.0	114.6	94.8	102.1	90.3	53.7	8.5	39.3	43.5	52.6	641.5
Qld	138.2	340.5	39.1	46.5	118.8	73.7	1.7	57.2	48.7	35.0	899.3
SA	3.5	127.5	11.5	13.5	64.0	15.4	2.0	27.0	39.2	65.5	369.2
WA	16.2	85.3	38.2	57.0	44.9	56.7	2.8	7.5	23.6	8.5	340.8
Tas.	3.2	10.2	32.0	7.7	4.7	3.6	—	8.8	0.9	2.0	73.0
NT	0.5	5.7	23.2	2.1	6.9	13.9	0.2	0.3	1.4	12.2	66.5
ACT	—	10.5	—	126.4	1.8	20.2	—	3.1	9.8	4.9	176.7
<b>Australia</b>	<b>425.8</b>	<b>975.1</b>	<b>347.0</b>	<b>523.9</b>	<b>446.6</b>	<b>349.9</b>	<b>18.4</b>	<b>216.3</b>	<b>636.9</b>	<b>224.3</b>	<b>4,164.3</b>
MARCH QUARTER 1998											
NSW	74.6	84.6	66.0	110.2	266.7	144.9	6.0	34.2	205.3	31.8	1,024.2
Vic.	77.5	99.4	59.0	78.6	74.9	131.0	3.8	96.2	12.8	26.0	659.2
Qld	47.1	89.4	30.9	35.8	91.0	66.9	2.3	17.5	19.0	44.1	444.0
SA	2.1	14.5	20.6	20.6	10.4	19.9	0.6	3.2	23.9	7.8	123.6
WA	24.5	60.0	20.4	36.3	40.1	35.5	2.0	68.8	15.6	6.0	309.2
Tas.	7.7	3.0	0.9	3.5	2.5	6.3	0.2	10.1	—	0.5	34.8
NT	—	2.1	1.5	4.8	3.4	6.5	—	0.7	0.4	0.4	19.8
ACT	—	2.1	0.1	14.0	6.3	29.8	—	0.7	11.5	3.3	68.0
<b>Australia</b>	<b>233.6</b>	<b>355.1</b>	<b>199.5</b>	<b>303.8</b>	<b>495.3</b>	<b>440.9</b>	<b>15.0</b>	<b>231.3</b>	<b>288.6</b>	<b>119.9</b>	<b>2,682.9</b>

**TABLE 27. 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>
1996-97							
NSW	2,800.4	1,914.0	4,714.4	1,087.5	5,801.8	4,366.4	10,168.3
Vic.	1,988.8	621.4	2,610.2	775.3	3,385.5	3,252.4	6,637.8
Qld	2,365.8	792.8	3,158.5	283.5	3,442.0	2,522.9	5,964.9
SA	438.9	51.6	490.4	122.3	612.7	663.2	1,275.9
WA	1,275.2	229.4	1,504.6	176.9	1,681.5	1,063.0	2,744.5
Tas.	161.9	30.8	192.7	41.1	233.7	218.1	451.8
NT	121.1	57.1	178.2	22.9	201.1	267.0	468.1
ACT	136.8	63.6	200.4	60.5	260.9	401.8	662.8
<b>Australia</b>	<b>9,288.8</b>	<b>3,760.6</b>	<b>13,049.4</b>	<b>2,569.9</b>	<b>15,619.3</b>	<b>12,754.9</b>	<b>28,374.2</b>
DECEMBER QUARTER 1997							
NSW	832.1	576.3	1,408.4	370.5	1,778.9	1,389.3	3,168.1
Vic.	728.9	166.7	895.6	246.3	1,141.9	718.1	1,859.9
Qld	697.8	248.3	946.1	89.8	1,035.9	666.5	1,702.4
SA	137.7	19.4	157.1	36.2	193.3	197.7	391.0
WA	397.2	52.0	449.2	51.4	500.6	305.1	805.6
Tas.	35.1	7.1	42.1	11.5	53.6	44.7	98.4
NT	34.6	21.1	55.8	5.4	61.2	50.5	111.7
ACT	32.9	12.6	45.5	16.3	61.8	90.0	151.8
<b>Australia</b>	<b>2,896.3</b>	<b>1,103.5</b>	<b>3,999.8</b>	<b>827.3</b>	<b>4,827.1</b>	<b>3,461.8</b>	<b>8,288.9</b>
MARCH QUARTER 1998							
NSW	796.3	562.5	1,358.8	307.8	1,666.6	1,241.7	2,908.3
Vic.	665.1	165.5	830.6	213.4	1,044.0	666.8	1,710.8
Qld	605.3	228.3	833.6	66.1	899.7	593.5	1,493.1
SA	131.6	17.0	148.7	31.3	180.0	147.3	327.2
WA	369.4	50.2	419.6	51.0	470.6	260.3	730.9
Tas.	33.3	4.9	38.2	10.0	48.2	31.4	79.6
NT	33.2	24.9	58.1	5.0	63.2	43.2	106.3
ACT	29.6	5.0	34.5	10.8	45.3	73.6	118.9
<b>Australia</b>	<b>2,663.8</b>	<b>1,058.3</b>	<b>3,722.2</b>	<b>695.4</b>	<b>4,417.5</b>	<b>3,057.8</b>	<b>7,475.3</b>

**TABLE 28. 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>
1996-97											
NSW	338.1	628.7	487.6	599.1	669.4	449.9	44.6	303.2	671.8	174.1	4,366.4
Vic.	249.8	438.1	363.2	470.9	423.2	296.6	12.6	202.6	570.7	224.6	3,252.4
Qld	265.4	677.1	186.2	220.7	353.6	268.0	11.5	187.2	191.8	161.4	2,522.9
SA	14.0	124.6	26.0	116.1	116.5	92.6	1.3	61.1	44.6	66.5	663.2
WA	88.3	161.8	104.9	158.2	158.7	135.6	6.2	104.1	70.6	74.6	1,063.0
Tas.	12.5	29.5	45.1	33.5	17.1	23.4	0.6	24.4	15.1	17.1	218.1
NT	31.8	56.6	23.8	29.8	34.4	45.4	0.2	3.9	7.1	34.0	267.0
ACT	0.4	9.6	3.6	249.1	15.8	62.5	0.7	19.4	31.3	9.3	401.8
<b>Australia</b>	<b>1,000.3</b>	<b>2,125.9</b>	<b>1,240.5</b>	<b>1,877.5</b>	<b>1,788.6</b>	<b>1,374.0</b>	<b>77.7</b>	<b>905.8</b>	<b>1,602.9</b>	<b>761.6</b>	<b>12,754.9</b>
DECEMBER QUARTER 1997											
NSW	101.7	279.6	112.5	262.6	193.8	109.1	12.8	71.9	209.6	35.6	1,389.3
Vic.	58.0	105.1	73.1	96.0	118.2	94.3	7.4	69.6	51.7	44.4	718.1
Qld	88.3	128.9	31.9	52.1	107.8	94.2	2.4	69.4	47.5	44.0	666.5
SA	13.4	53.3	21.6	24.2	13.8	21.3	1.7	16.2	24.4	8.0	197.7
WA	23.2	55.7	24.7	34.6	38.2	37.8	1.9	57.2	20.1	11.7	305.1
Tas.	6.5	4.5	3.7	4.0	7.6	5.4	0.1	8.0	1.7	3.2	44.7
NT	0.1	10.4	1.7	3.4	15.9	9.4	—	1.0	2.2	6.4	50.5
ACT	1.8	7.1	—	43.6	3.9	17.4	0.3	3.7	8.2	4.0	90.0
<b>Australia</b>	<b>292.9</b>	<b>644.6</b>	<b>269.2</b>	<b>520.5</b>	<b>499.2</b>	<b>388.9</b>	<b>26.6</b>	<b>297.0</b>	<b>365.5</b>	<b>157.3</b>	<b>3,461.8</b>
MARCH QUARTER 1998											
NSW	124.6	172.2	87.1	208.3	192.7	118.8	8.0	77.8	223.3	28.9	1,241.7
Vic.	45.2	69.6	75.1	93.2	128.9	95.1	4.2	64.7	44.4	46.4	666.8
Qld	80.2	92.5	26.6	47.8	85.1	73.4	3.8	86.4	41.4	56.4	593.5
SA	8.6	36.8	21.5	16.1	13.1	17.2	1.9	22.3	5.2	4.5	147.3
WA	18.1	40.7	24.0	34.2	36.2	38.3	2.1	35.1	19.6	12.2	260.3
Tas.	2.3	2.8	2.4	6.3	4.3	7.6	—	2.6	1.6	1.5	31.4
NT	—	10.3	1.5	5.8	11.4	5.4	—	0.4	2.2	6.2	43.2
ACT	3.3	18.7	—	23.7	2.2	7.6	0.5	7.5	7.5	2.6	73.6
<b>Australia</b>	<b>282.4</b>	<b>443.5</b>	<b>238.1</b>	<b>435.3</b>	<b>473.9</b>	<b>363.4</b>	<b>20.5</b>	<b>296.8</b>	<b>345.2</b>	<b>158.7</b>	<b>3,057.8</b>

**TABLE 29. 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>
1996-97							
NSW	735.2	1,256.6	1,991.8	294.0	2,285.9	2,980.4	5,266.3
Vic.	521.7	244.0	765.7	146.7	912.4	1,221.8	2,134.2
Qld	337.3	345.9	683.2	43.0	726.2	790.3	1,516.5
SA	95.9	16.6	112.5	19.4	131.9	259.0	390.9
WA	312.1	71.2	383.3	31.0	414.3	411.5	825.8
Tas.	47.8	14.6	62.4	6.2	68.6	44.6	113.2
NT	20.1	20.8	40.9	4.6	45.5	52.5	98.0
ACT	20.7	31.4	52.1	15.5	67.6	238.2	305.8
<b>Australia</b>	<b>2,090.9</b>	<b>2,001.1</b>	<b>4,091.9</b>	<b>560.4</b>	<b>4,652.4</b>	<b>5,998.2</b>	<b>10,650.6</b>
DECEMBER QUARTER 1997							
NSW	819.2	1,622.8	2,442.0	354.9	2,796.9	3,277.3	6,074.2
Vic.	640.8	318.1	958.8	162.1	1,121.0	1,530.1	2,651.1
Qld	355.3	342.9	698.3	42.6	740.9	1,322.6	2,063.4
SA	101.6	29.6	131.1	18.5	149.7	185.3	334.9
WA	344.3	61.4	405.7	34.1	439.8	282.7	722.6
Tas.	44.3	9.1	53.4	6.2	59.6	28.0	87.6
NT	20.2	19.9	40.1	3.2	43.3	49.9	93.2
ACT	21.2	21.2	42.3	5.5	47.9	193.8	241.7
<b>Australia</b>	<b>2,346.9</b>	<b>2,424.9</b>	<b>4,771.8</b>	<b>627.2</b>	<b>5,399.0</b>	<b>6,869.7</b>	<b>12,268.7</b>
MARCH QUARTER 1998							
NSW	837.3	1,677.3	2,514.5	402.1	2,916.6	3,427.7	6,344.3
Vic.	645.3	342.8	988.1	144.2	1,132.3	1,458.6	2,590.9
Qld	358.5	330.2	688.7	37.9	726.6	1,449.2	2,175.8
SA	105.2	28.7	133.9	27.3	161.2	139.1	300.3
WA	343.6	57.9	401.5	35.1	436.5	246.0	682.5
Tas.	46.4	6.5	52.9	7.4	60.3	19.1	79.4
NT	24.9	38.0	62.9	5.3	68.3	68.0	136.3
ACT	21.1	19.4	40.4	6.9	47.3	232.0	279.3
<b>Australia</b>	<b>2,382.2</b>	<b>2,500.7</b>	<b>4,882.9</b>	<b>666.0</b>	<b>5,548.9</b>	<b>7,039.8</b>	<b>12,588.7</b>



**TABLE 30. 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>
1996-97											
NSW	263.7	521.6	129.4	776.2	406.1	168.4	21.2	167.5	478.3	48.0	2,980.4
Vic.	353.3	104.1	76.6	77.4	59.6	227.2	5.8	140.1	38.6	139.1	1,221.8
Qld	176.0	148.1	23.4	25.5	89.0	87.9	3.8	140.2	45.7	50.7	790.3
SA	26.0	69.4	22.4	15.9	24.6	17.9	1.3	41.8	22.2	17.5	259.0
WA	37.2	52.5	26.5	29.1	36.8	26.6	1.9	149.4	35.8	15.5	411.5
Tas.	0.4	4.3	10.3	5.1	0.8	2.0	0.5	12.1	3.8	5.3	44.6
NT	0.8	20.0	2.4	5.3	2.8	15.7	—	0.1	0.7	4.8	52.5
ACT	—	7.3	—	185.4	3.9	18.6	1.0	5.5	12.1	4.3	238.2
<b>Australia</b>	<b>857.3</b>	<b>927.3</b>	<b>290.9</b>	<b>1,119.9</b>	<b>623.6</b>	<b>564.4</b>	<b>35.5</b>	<b>656.8</b>	<b>637.2</b>	<b>285.2</b>	<b>5,998.2</b>
DECEMBER QUARTER 1997											
NSW	511.8	447.8	106.2	1,016.7	343.9	129.1	20.6	133.0	521.1	47.2	3,277.3
Vic.	344.5	90.4	71.1	87.8	134.5	174.4	7.5	155.3	363.2	101.4	1,530.1
Qld	147.0	161.0	16.4	85.0	73.6	112.2	3.8	512.2	55.5	155.9	1,322.6
SA	8.4	30.6	16.2	46.2	9.5	18.2	3.3	42.9	7.3	2.7	185.3
WA	22.7	27.7	10.3	44.9	24.2	36.9	2.4	68.0	30.7	15.0	282.7
Tas.	2.1	0.6	0.6	6.3	4.1	4.7	0.8	4.3	2.5	2.0	28.0
NT	0.8	8.1	0.4	17.1	16.2	0.9	—	—	2.2	4.1	49.9
ACT	1.8	18.6	—	134.8	1.3	17.9	1.6	13.4	2.0	2.4	193.8
<b>Australia</b>	<b>1,039.1</b>	<b>784.8</b>	<b>221.3</b>	<b>1,438.7</b>	<b>607.3</b>	<b>494.2</b>	<b>39.8</b>	<b>929.1</b>	<b>984.5</b>	<b>330.7</b>	<b>6,869.7</b>
MARCH QUARTER 1998											
NSW	535.3	401.8	101.6	1,101.9	481.8	173.8	15.4	169.2	397.4	49.6	3,427.7
Vic.	343.6	60.0	56.0	93.6	159.0	150.2	6.1	133.7	338.6	117.8	1,458.6
Qld	124.9	191.4	18.7	73.1	76.6	80.0	10.4	670.6	54.2	149.3	1,449.2
SA	4.1	16.0	5.1	37.6	6.7	19.6	1.8	29.8	12.6	5.9	139.1
WA	25.6	20.4	19.3	41.4	24.6	28.9	2.1	48.3	22.2	13.2	246.0
Tas.	0.2	0.9	1.2	3.4	1.7	5.9	0.8	1.2	2.7	1.1	19.1
NT	0.8	15.8	0.4	9.5	12.9	5.8	—	0.1	0.7	22.0	68.0
ACT	3.8	63.7	—	122.2	—	14.7	2.6	7.0	17.7	0.2	232.0
<b>Australia</b>	<b>1,038.3</b>	<b>770.1</b>	<b>202.2</b>	<b>1,482.6</b>	<b>763.4</b>	<b>479.1</b>	<b>39.0</b>	<b>1,060.0</b>	<b>846.1</b>	<b>359.1</b>	<b>7,039.8</b>

**TABLE 31. BUILDING ACTIVITY RELATIVE STANDARD ERRORS, BY STATE: MARCH QUARTER 1998  
(Percentage)**

State or Territory	New residential building				Value	
	Houses		Total		Alterations and additions to residential buildings	Total building
	Number	Value	Number of dwelling units	Value		
<b>COMMENCED</b>						
NSW	3.3	3.6	1.9	2.1	4.4	1.9
Vic.	2.9	3.3	2.3	2.6	4.6	2.3
Qld	2.3	2.6	1.6	1.9	4.1	1.8
SA	3.3	3.6	3.0	3.3	5.4	2.8
WA	3.6	4.0	3.1	3.6	5.4	3.3
Tas.	2.0	2.3	1.9	2.1	5.1	2.0
ACT	1.5	1.8	1.3	1.6	5.2	1.8
<b>Australia</b>	<b>1.4</b>	<b>1.6</b>	<b>1.0</b>	<b>1.1</b>	<b>2.5</b>	<b>1.0</b>
<b>UNDER CONSTRUCTION AT END OF PERIOD</b>						
NSW	2.8	2.9	1.1	1.0	2.7	1.0
Vic.	2.7	2.8	1.9	2.0	4.1	1.8
Qld	3.7	3.8	1.8	2.1	4.8	2.0
SA	3.3	3.3	2.7	2.7	5.4	2.4
WA	3.1	3.1	2.5	2.6	5.3	2.4
Tas.	2.5	2.4	2.1	2.1	5.7	2.0
ACT	2.9	2.7	1.5	1.6	5.4	1.6
<b>Australia</b>	<b>1.4</b>	<b>1.5</b>	<b>0.8</b>	<b>0.8</b>	<b>1.9</b>	<b>0.7</b>
<b>COMPLETED</b>						
NSW	4.3	4.8	2.7	3.1	6.5	2.8
Vic.	4.9	5.3	4.0	4.4	6.2	3.6
Qld	4.7	5.2	3.1	3.6	4.3	3.3
SA	5.0	5.4	4.5	4.8	7.9	4.2
WA	4.9	5.4	4.2	4.6	7.8	4.2
Tas.	4.2	4.3	3.0	2.9	7.3	2.7
ACT	3.7	3.4	3.5	3.3	7.8	3.1
<b>Australia</b>	<b>2.2</b>	<b>2.4</b>	<b>1.6</b>	<b>1.8</b>	<b>3.5</b>	<b>1.6</b>
<b>VALUE OF WORK DONE DURING PERIOD</b>						
NSW	..	2.8	..	1.6	3.7	1.5
Vic.	..	2.9	..	2.4	3.7	2.0
Qld	..	3.1	..	2.2	3.6	2.1
SA	..	2.9	..	2.6	5.7	2.3
WA	..	2.8	..	2.5	4.5	2.3
Tas.	..	2.2	..	1.9	5.0	1.8
ACT	..	1.7	..	1.4	5.4	1.7
<b>Australia</b>	<b>..</b>	<b>1.4</b>	<b>..</b>	<b>1.0</b>	<b>2.1</b>	<b>0.9</b>
<b>VALUE OF WORK YET TO BE DONE</b>						
NSW	..	3.3	..	1.1	3.0	1.0
Vic.	..	3.6	..	2.3	5.1	2.1
Qld	..	4.5	..	2.4	5.7	2.2
SA	..	3.9	..	3.0	5.2	2.7
WA	..	3.7	..	3.2	6.7	3.0
Tas.	..	2.8	..	2.5	6.4	2.3
ACT	..	2.7	..	1.4	6.1	1.5
<b>Australia</b>	<b>..</b>	<b>1.8</b>	<b>..</b>	<b>0.9</b>	<b>2.2</b>	<b>0.8</b>

## 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 and from the monthly series of dwelling unit commencements compiled for South Australia and Western Australia by the Australian Bureau of Statistics (ABS). Unlike data in this publication compiled from the Building Activity Survey, the series for smaller geographic areas are 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 in Tables 11, 13, 15, 21, 23 and 25 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 for the total number of dwelling units commenced and completed, shown in Tables 8–10, include these conversions, etc. Previously, only dwelling units created as part of the construction of new residential buildings were included in these estimates.

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

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

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

### VALUATION OF BUILDING JOBS

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

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

### BUILDING CLASSIFICATION

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

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

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

- *Houses*. Includes 'cottages', 'bungalows', detached caretakers'/managers' cottages, rectories.
- *Other residential buildings*. Includes blocks of flats, home units, attached townhouses, villa units, terrace houses, semi-detached houses, maisonettes.
- *Hotels, etc.* Includes motels, hostels, boarding houses, guest houses, holiday apartment buildings.
- *Shops*. Includes retail shops, restaurants, cafes, taverns, dry cleaners, laundromats, hair salons, shopping arcades.
- *Factories*. Includes paper mills, oil refinery buildings, brickworks, foundries, powerhouses, manufacturing laboratories, workshops as part of a manufacturing process.
- *Offices*. Includes banks, post offices, council chambers, head and regional offices.

## EXPLANATORY NOTES *continued*

### BUILDING CLASSIFICATION *continued*

- *Other business premises.* Includes warehouses, storage depots, service stations, transport depots and terminals, car parks, electricity substation buildings, pumping station buildings, telephone exchanges, mail sorting centres, broadcasting stations, film studios.
- *Educational.* Includes schools, colleges, universities, kindergartens, libraries, museums, art galleries, research and teaching laboratories, theological colleges.
- *Religious.* Includes churches, chapels, temples.
- *Health.* Includes hospitals, nursing homes, surgeries, clinics, medical centres.
- *Entertainment and recreational.* Includes clubs, theatres, cinemas, public halls, gymnasiums, grandstands, squash courts, sports and recreation centres.
- *Miscellaneous.* Includes law courts, homes for the aged (where medical care is not provided as a normal service), orphanages, gaols, barracks, mine buildings, glasshouses, livestock sheds, shearing sheds, fruit and skin drying sheds, public toilets, and ambulance, fire and police stations.

### RELIABILITY OF THE ESTIMATES

**19** Since the figures for private sector house building activity (including alterations and additions) 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 standard error as a percentage of the estimate to which it refers. The RSE of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in table 31.

**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 8) and that the associated RSE is 1.5 per cent (for actual percentage see table 31). 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, 2 and 5–10. 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.

### ESTIMATES AT CONSTANT PRICES

**28** Estimates of the value of commencements and work done at average 1989–90 prices are presented in original terms for each State and Territory, and in original, seasonally adjusted and trend terms for Australia.

## EXPLANATORY NOTES *continued*

### ESTIMATES AT CONSTANT PRICES *continued*

**29** Constant price estimates measure changes in value after the direct effects of price changes have been eliminated. 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 expenditure'.

**30** Estimates at constant prices are subject to a number of approximations and assumptions. Further information on the nature and concepts of constant price estimates is contained in Chapter 4 of *Australian National Accounts: Concepts, Sources and Methods* (Cat. no. 5216.0).

**31** The factors used to seasonally adjust the constant price series 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, data can be provided in the following forms: photocopy, computer print-out, floppy disk and clerically extracted tabulation. A charge may be made for providing unpublished information in these forms.

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

*Construction Industry Australia, Summary of Private Sector Operations, 1988–89* (Cat. no. 8771.0)

*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 monthly

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

*Public Sector Construction Activity, Australia, 1988–89* (Cat. no. 8775.0)

**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.









The ABS publishes a wide range of information on Australia's economic and social conditions. A catalogue of publications and products is available from any of our offices (see below).

#### INFORMATION CONSULTANCY SERVICES

Information tailored to special needs of clients can be obtained from the Information Consultancy Service available at ABS Offices (see below).

#### ABS PRODUCTS

A large number of ABS products is available from the ABS Bookshops (see below). The ABS also provides a subscription service – you can telephone the ABS Subscription Service Australia wide toll free on 1300 3663 23.

#### ELECTRONIC SERVICES

A large range of data is available via on-line services, diskette, magnetic tape, tape cartridge and CD ROM. For more details about our electronic data services, contact any ABS office (see below) or e-mail us at:

- [client.services@abs.gov.au](mailto:client.services@abs.gov.au)

#### GENERAL SALES AND INQUIRIES

- Sydney 02 9268 4611
  - Melbourne 03 9615 7755
  - Brisbane 07 3222 6351
  - Perth 08 9360 5140
  - Adelaide 08 8237 7100
  - Hobart 03 6222 5800
  - Darwin 08 8943 2111
  - Canberra 02 6252 6627
- 
- Information Services, ABS  
PO Box 10, Belconnen ACT 2616



2875200003988

ISSN 0728-375X

RRP \$18.50