



BUILDING ACTIVITY

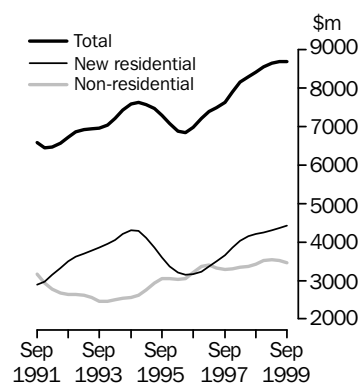
AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) WED 19 JAN 2000

SEPTEMBER QTR KEY FIGURES

Value of work done

Volume terms
Trend estimates



	Sep qtr 99 \$m	Jun qtr 99 to Sep qtr 99 % change	Sep qtr 98 to Sep qtr 99 % change
TREND ESTIMATES (a)			
Value of work done	8 683.8	-0.1	3.1
New residential building	4 419.3	1.3	5.1
Alterations and additions to residential buildings	836.9	2.7	4.8
Non-residential building	3 453.4	-1.7	0.8
.....			
	Sep qtr 99 \$m	Jun qtr 99 to Sep qtr 99 % change	Sep qtr 98 to Sep qtr 99 % change
SEASONALLY ADJUSTED (a)			
Value of work done	8 700.2	0.2	5.4
New residential building	4 429.1	1.7	6.6
Alterations and additions to residential buildings	863.2	11.1	7.0
Non-residential building	3 438.2	-2.8	3.3

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

SEPTEMBER QTR KEY POINTS

VALUE OF WORK DONE, VOLUME TERMS

TREND ESTIMATES

- The trend estimate for building work done in the September quarter 1999 fell slightly (0.1%) from the June quarter. It will return to positive growth next quarter unless the seasonally adjusted estimate for the December quarter falls by more than 10.4%.
- New residential work rose by 1.3%, continuing the growth evident since the September quarter 1996. This was the highest since the series began 25 years ago.
- Non-residential work done fell by 1.7%, the second successive quarterly fall following six quarters of growth.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of building work done rose marginally (by 0.2%) in the September quarter.
- Work done on new residential buildings continued to rise in the September quarter (by 1.7%) with a 4.0% increase for houses being offset by a 5.8% fall in other residential building. Alterations and additions rose by 11.1%. Non-residential work fell by 2.8%.

ORIGINAL ESTIMATES

- Total building work done rose by 3.5% in the September quarter, with new residential work up by 4.4% and the non-residential sector up by 0.9%. All States recorded increases in total work done, with the largest rises occurring in South Australia (+23.3%) and Western Australia (+6.9%). Work done in both Territories fell.

- For further information about these and related statistics, contact Tony Bammann on Adelaide 08 8237 7316, or Client Services in any ABS office as shown on the back cover of this publication.

NOTES

FORTHCOMING ISSUES

<i>ISSUE (Quarter)</i>	<i>RELEASE DATE</i>
December 1999	17 April 2000
March 2000	20 July 2000

CHANGES IN THIS ISSUE

There are no changes in this issue.

SIGNIFICANT REVISIONS THIS QUARTER

The total number of dwelling units commenced during the June quarter 1999 has been revised upwards by 1,188 (3.2%) for Australia, including 823 (12.4%) in Queensland.

The total value of building work commenced during the June quarter 1999 has been revised upwards by \$432.9m or 5.7%, with residential building increasing by \$115.8m (2.3%) and non-residential building increasing by \$317.1m (12.6%). The main contributor to the residential increase was Queensland \$82.3m (up by 10.1%) while non-residential increases included Queensland \$178.7m (up by 45.0%) and Victoria \$63.5m (9.0%).

DATA NOTES

June quarter 1999 figures for Queensland have been revised in this issue and reflect the resolution of reporting difficulties experienced in Queensland that had resulted in under-reporting of building activity. The difficulties related to the under-reporting of building approvals, mainly by Brisbane City Council, but also involved Ipswich and Logan councils. This led to an under-reporting flow-on effect in the Building Activity collection. For more information, see *Building Approvals, Australia* (Cat. no. 8731.0) November 1999 issue.

The extent of these revisions (including other revisions that normally occur to the 'previous quarter') are summarised in the 'Significant revisions this quarter' section above.

W. McLennan
Australian Statistician

VALUE OF WORK COMMENCED: Volume terms

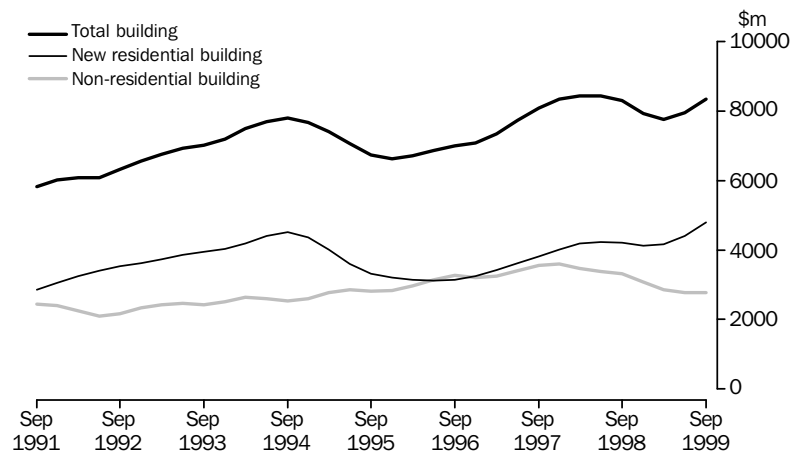
TREND ESTIMATES

	Sep qtr 99	Jun qtr 99 to Sep qtr 99	Sep qtr 98 to Sep qtr 99
	\$m	% change	% change
TREND ESTIMATES(a)			
Value of building work commenced	8 343.4	4.9	0.4
New residential building	4 795.9	8.7	14.0
Alterations and additions to residential buildings	785.5	4.0	0.2
Non-residential building	2 775.4	0.5	-16.1

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

- The trend estimate for the total value of building work commenced rose by 4.9% in the September quarter, reversing the downward trend reported in the June quarter 1999. The main reason for the reversal was a 16.6% increase in the value of work commenced on other residential buildings.
- Non-residential commencements rose by 0.5%, after declining for the previous six quarters.

Value of work commenced in volume terms, trend



SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of the total value of building work commenced increased by 14.1% to \$8,790.9m during the September quarter, the highest since the June quarter 1989.
- This large increase was mainly due to a 64.7% jump in commencements of new other residential buildings to \$1,646.1m, a record for the series. New house commencements rose by 4.6% to \$3,375.9m, the highest level since the series began in the September quarter 1980. Alterations and additions to residential buildings also set a record, rising 20.6% to \$844.8m. Non residential work commenced rose by 6.3% to \$2,880.7m.

NUMBER OF DWELLING UNITS COMMENCED

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

TREND ESTIMATES

Dwelling units commenced			
New private sector houses	27 375	5.5	9.6
Total dwelling units	40 329	5.8	6.5

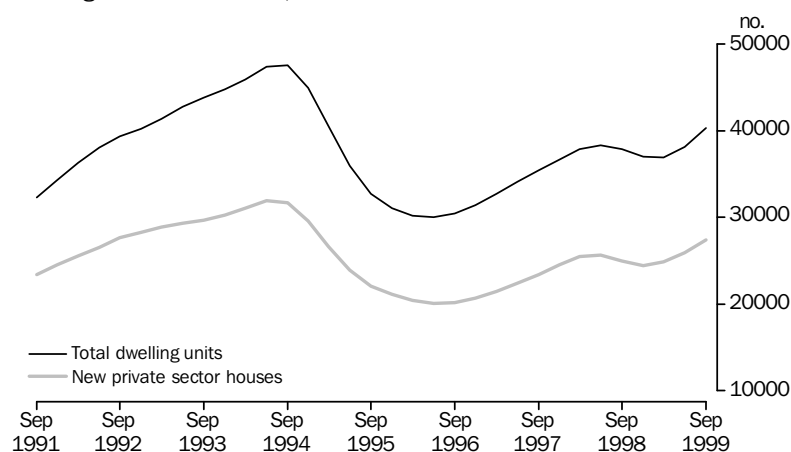
SEASONALLY ADJUSTED

Dwelling units commenced			
New private sector houses	27 236	2.8	6.0
Total dwelling units	41 531	11.2	6.0

TREND ESTIMATES

- Following a resurgence in residential building approvals, the trend for the total number of dwelling units commenced rose by 5.8% in the September quarter, arresting the downward trend reported last quarter.
- The change in direction of the trend for the number of new private sector houses commenced was confirmed by an increase of 5.5% in the September quarter.

Dwelling units commenced, trend



SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, commencements of new private sector houses rose by 2.8% during the September quarter while the total number of dwelling units commenced increased by 11.2%.

ORIGINAL ESTIMATES

- The total number of dwelling units commenced during the September quarter rose by 10.4% to 42,042, the most since the December quarter 1994. Almost three-quarters of the increase was due to a 28.5% increase in commencements of new other dwellings (particularly apartment buildings), while new house commencements rose by 3.2%.

LIST OF TABLES

Page

CHAIN VOLUME ESTIMATES

1	Value of building work done, original, seasonally adjusted and trend	6
2	Value of building work done, original, seasonally adjusted and trend, percentage change	7
3	Value of building work commenced, original, seasonally adjusted and trend	8
4	Value of building work commenced, original, seasonally adjusted and trend, percentage change	9
5	Value of building work done by State, original	10
6	Value of building work commenced by State, original	11

SEASONALLY ADJUSTED AND TREND SERIES

7	Number of dwelling units commenced and completed	12
8	Number of dwelling units commenced and completed, percentage change	12
9	Number of dwelling units commenced by State	13
10	Number of dwelling units commenced by State, percentage change	13
11	Number of dwelling units completed by State	14
12	Value of building work done	14
13	Value of building work commenced	15
14	Value of building work completed	15

PRIVATE AND PUBLIC SECTOR BUILDING ACTIVITY, AUSTRALIA

15	Number and value of building commenced	16
16	Value of non-residential building commenced	17
17	Number and value of building under construction	18
18	Value of non-residential building under construction	19
19	Number and value of building completed	20
20	Value of non-residential building completed	21
21	Value of building work done	22
22	Value of non-residential building work done	23
23	Value of building work yet to be done	24
24	Value of non-residential building work yet to be done	25

BUILDING ACTIVITY, STATES AND TERRITORIES

25	Number and value of building commenced	26
26	Value of non-residential building commenced	27
27	Number and value of building under construction	28
28	Value of non-residential building under construction	29
29	Number and value of building completed	30
30	Value of non-residential building completed	31
31	Value of building work done	32
32	Value of non-residential building work done	33
33	Value of building work yet to be done	34
34	Value of non-residential building work yet to be done	35

RELATIVE STANDARD ERRORS

35	Summary of building activity, total private and public sector	36
----	---	----

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL									
1996-97	9,158.3	9,322.3	3,910.8	13,229.8	2,587.6	9,811.9	13,280.8	25,045.9	29,065.8
1997-98	10,996.0	11,188.4	4,540.0	15,728.3	3,010.8	9,721.5	13,328.6	27,990.2	32,067.6
1998-99	11,600.4	11,875.3	5,189.5	17,064.8	3,191.3	10,428.9	14,014.5	30,099.2	34,270.7
1998 June qtr	2,884.9	2,936.3	1,263.6	4,198.5	791.6	2,373.5	3,331.4	7,228.0	8,323.2
Sept. qtr	2,892.7	2,964.3	1,295.8	4,260.1	809.9	2,655.5	3,461.7	7,562.5	8,531.7
Dec. qtr	2,990.5	3,071.3	1,389.6	4,460.9	866.7	2,895.5	3,861.9	8,069.8	9,189.6
1999 Mar. qtr	2,720.6	2,777.1	1,214.0	3,991.1	731.7	2,271.8	3,139.3	6,869.9	7,862.1
June qtr	2,996.6	3,062.6	1,290.1	4,352.7	783.0	2,606.1	3,551.6	7,597.0	8,687.3
Sept. qtr	3,178.1	3,237.6	1,307.2	4,544.8	865.7	2,734.5	3,584.0	7,985.8	8,994.6
SEASONALLY ADJUSTED									
1998 June qtr	2,880.8	2,930.1	1,279.4	4,200.6	786.1	2,414.7	3,309.4	7,251.5	8,305.5
Sept. qtr	2,847.4	2,911.4	1,223.1	4,153.2	807.1	2,506.2	3,327.8	7,312.5	8,257.8
Dec. qtr	2,830.0	2,909.8	1,365.1	4,251.5	778.6	2,722.6	3,664.8	7,636.7	8,711.0
1999 Mar. qtr	2,929.6	2,996.6	1,293.5	4,303.4	828.5	2,540.7	3,485.9	7,519.5	8,622.9
June qtr	2,993.2	3,057.4	1,307.8	4,356.8	777.1	2,659.5	3,536.0	7,630.5	8,679.0
Sept. qtr	3,130.1	3,181.1	1,232.3	4,429.1	863.2	2,573.8	3,438.2	7,716.5	8,700.2
TREND ESTIMATES									
1998 June qtr	2,861.9	2,916.1	1,229.5	4,146.0	794.2	2,484.5	3,363.4	7,283.9	8,302.7
Sept. qtr	2,857.4	2,921.6	1,283.8	4,206.0	798.4	2,543.5	3,426.7	7,404.2	8,425.0
Dec. qtr	2,858.4	2,930.7	1,314.9	4,242.9	796.3	2,604.2	3,511.5	7,503.3	8,552.6
1999 Mar. qtr	2,918.4	2,988.5	1,312.7	4,299.4	801.4	2,628.7	3,547.2	7,584.1	8,653.5
June qtr	3,009.7	3,072.0	1,290.0	4,364.4	815.2	2,611.7	3,511.9	7,637.7	8,690.6
Sept. qtr	3,108.1	3,161.0	1,246.5	4,419.3	836.9	2,585.0	3,453.4	7,679.2	8,683.8

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 of the Explanatory Notes.

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL (% change from previous period)									
1996-97	-0.6	-1.1	-0.5	-0.9	-0.1	10.3	9.0	3.4	3.3
1997-98	20.1	20.0	16.1	18.9	16.3	-0.9	0.4	11.8	10.3
1998-99	5.5	6.1	14.3	8.5	6.0	7.3	5.1	7.5	6.9
1998 June qtr	9.2	9.6	18.0	11.9	13.3	5.1	7.6	9.3	10.3
Sept. qtr	0.3	1.0	2.5	1.5	2.3	11.9	3.9	4.6	2.5
Dec. qtr	3.4	3.6	7.2	4.7	7.0	9.0	11.6	6.7	7.7
1999 Mar. qtr	-9.0	-9.6	-12.6	-10.5	-15.6	-21.5	-18.7	-14.9	-14.4
June qtr	10.1	10.3	6.3	9.1	7.0	14.7	13.1	10.6	10.5
Sept. qtr	6.1	5.7	1.3	4.4	10.6	4.9	0.9	5.1	3.5
SEASONALLY ADJUSTED (% change from previous quarter)									
1998 June qtr	1.2	1.3	12.1	3.9	-0.7	-4.3	-3.7	0.3	0.4
Sept. qtr	-1.2	-0.6	-4.4	-1.1	2.7	3.8	0.6	0.8	-0.6
Dec. qtr	-0.6	-0.1	11.6	2.4	-3.5	8.6	10.1	4.4	5.5
1999 Mar. qtr	3.5	3.0	-5.2	1.2	6.4	-6.7	-4.9	-1.5	-1.0
June qtr	2.2	2.0	1.1	1.2	-6.2	4.7	1.4	1.5	0.7
Sept. qtr	4.6	4.0	-5.8	1.7	11.1	-3.2	-2.8	1.1	0.2
TREND ESTIMATES (% change from previous quarter)									
1998 June qtr	1.5	1.7	6.2	3.0	2.0	1.6	0.5	2.2	1.8
Sept. qtr	-0.2	0.2	4.4	1.4	0.5	2.4	1.9	1.7	1.5
Dec. qtr	—	0.3	2.4	0.9	-0.3	2.4	2.5	1.3	1.5
1999 Mar. qtr	2.1	2.0	-0.2	1.3	0.6	0.9	1.0	1.1	1.2
June qtr	3.1	2.8	-1.7	1.5	1.7	-0.6	-1.0	0.7	0.4
Sept. qtr	3.3	2.9	-3.4	1.3	2.7	-1.0	-1.7	0.5	-0.1

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 of the Explanatory Notes.

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL									
1996-97	9,300.4	9,468.0	3,909.6	13,378.2	2,588.0	9,149.6	12,883.9	24,594.7	28,836.0
1997-98	11,235.1	11,436.2	4,744.8	16,180.9	3,028.3	9,830.9	14,287.3	28,520.5	33,496.7
1998-99	11,927.4	12,215.4	4,553.3	16,768.6	3,009.8	9,031.9	11,888.8	28,221.4	31,667.3
1998 June qtr	2,986.8	3,038.8	1,234.9	4,274.1	794.7	2,455.5	3,516.4	7,361.1	8,586.6
Sept. qtr	3,064.9	3,167.7	1,312.5	4,480.2	806.1	2,491.8	3,047.0	7,595.8	8,333.4
Dec. qtr	2,942.3	3,015.3	1,085.1	4,100.4	815.8	2,365.9	3,264.0	7,148.6	8,180.2
1999 Mar. qtr	2,704.1	2,751.0	1,132.7	3,883.7	660.4	2,025.8	2,873.8	6,447.1	7,417.8
June qtr	3,216.1	3,281.4	1,023.0	4,304.3	727.5	2,148.4	2,704.0	7,029.9	7,735.9
Sept. qtr	3,409.4	3,478.5	1,629.4	5,107.8	861.2	1,954.5	2,717.5	7,750.6	8,686.6
SEASONALLY ADJUSTED									
1998 June qtr	2,935.7	2,986.5	1,210.7	4,202.8	763.0	n.a.	3,515.8	7,357.2	8,546.1
Sept. qtr	2,981.1	3,073.8	1,318.3	4,390.8	791.6	n.a.	3,233.1	7,752.2	8,423.2
Dec. qtr	2,828.7	2,906.9	1,079.7	3,974.0	768.6	n.a.	3,246.3	6,825.5	7,972.3
1999 Mar. qtr	2,955.7	3,007.5	1,155.5	4,175.1	749.0	n.a.	2,698.6	6,624.1	7,566.7
June qtr	3,161.9	3,227.1	999.8	4,228.7	700.6	n.a.	2,710.7	7,019.7	7,705.0
Sept. qtr	3,318.1	3,375.9	1,646.1	5,016.3	844.8	n.a.	2,880.7	7,933.8	8,790.9
TREND ESTIMATES									
1998 June qtr	2,933.9	2,998.8	1,234.9	4,237.1	786.4	2,501.4	3,374.2	7,378.3	8,430.2
Sept. qtr	2,910.0	2,985.3	1,219.9	4,205.1	783.8	2,453.9	3,307.7	7,305.2	8,306.9
Dec. qtr	2,906.5	2,981.6	1,136.6	4,116.3	758.5	2,295.4	3,084.2	7,013.7	7,942.8
1999 Mar. qtr	2,983.8	3,049.7	1,110.8	4,161.5	746.1	2,111.0	2,856.3	6,860.0	7,762.9
June qtr	3,132.6	3,191.3	1,218.3	4,411.4	755.6	2,074.0	2,761.5	7,114.6	7,954.6
Sept. qtr	3,308.4	3,365.5	1,420.7	4,795.9	785.5	2,120.9	2,775.4	7,613.8	8,343.4

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 of the Explanatory Notes.

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL (% change from previous period)									
1996-97	5.7	5.2	1.0	4.0	7.5	4.4	9.5	5.1	6.7
1997-98	20.8	20.8	21.4	21.0	17.0	7.4	10.9	16.0	16.2
1998-99	6.2	6.8	-4.0	3.6	-0.6	-8.1	-16.8	-1.0	-5.5
1998 June qtr	14.6	14.5	8.4	12.7	11.3	7.9	—	10.6	7.1
Sept. qtr	2.6	4.2	6.3	4.8	1.4	1.5	-13.3	3.2	-2.9
Dec. qtr	-4.0	-4.8	-17.3	-8.5	1.2	-5.1	7.1	-5.9	-1.8
1999 Mar. qtr	-8.1	-8.8	4.4	-5.3	-19.1	-14.4	-12.0	-9.8	-9.3
June qtr	18.9	19.3	-9.7	10.8	10.2	6.1	-5.9	9.0	4.3
Sept. qtr	6.0	6.0	59.3	18.7	18.4	-9.0	0.5	10.3	12.3
SEASONALLY ADJUSTED (% change from previous quarter)									
1998 June qtr	2.9	2.9	3.7	2.9	-5.6	n.a.	6.5	7.2	4.4
Sept. qtr	1.5	2.9	8.9	4.5	3.7	n.a.	-8.0	5.4	-1.4
Dec. qtr	-5.1	-5.4	-18.1	-9.5	-2.9	n.a.	0.4	-12.0	-5.4
1999 Mar. qtr	4.5	3.5	7.0	5.1	-2.6	n.a.	-16.9	-2.9	-5.1
June qtr	7.0	7.3	-13.5	1.3	-6.5	n.a.	0.4	6.0	1.8
Sept. qtr	4.9	4.6	64.7	18.6	20.6	n.a.	6.3	13.0	14.1
TREND ESTIMATES (% change from previous quarter)									
1998 June qtr	1.3	1.7	0.6	1.4	1.3	1.5	-2.8	1.6	—
Sept. qtr	-0.8	-0.4	-1.2	-0.8	-0.3	-1.9	-2.0	-1.0	-1.5
Dec. qtr	-0.1	-0.1	-6.8	-2.1	-3.2	-6.5	-6.8	-4.0	-4.4
1999 Mar. qtr.	2.7	2.3	-2.3	1.1	-1.6	-8.0	-7.4	-2.2	-2.3
June qtr	5.0	4.6	9.7	6.0	1.3	-1.8	-3.3	3.7	2.5
Sept. qtr	5.6	5.5	16.6	8.7	4.0	2.3	0.5	7.0	4.9

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 of the Explanatory Notes.

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

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
NEW RESIDENTIAL BUILDING									
1996-97	4,856.3	2,646.9	3,149.5	490.5	1,508.9	194.1	184.5	198.2	13,229.8
1997-98	5,576.9	3,568.6	3,650.1	605.5	1,760.2	166.4	237.4	163.2	15,728.3
1998-99	6,347.8	4,224.6	3,242.3	709.0	1,910.0	143.0	285.0	203.1	17,064.8
1998 June qtr	1,516.7	991.9	930.4	155.3	461.8	39.7	64.9	39.0	4,198.5
Sept. qtr	1,560.7	1,011.5	910.0	175.8	450.5	34.6	69.5	47.5	4,260.1
Dec. qtr	1,609.7	1,115.1	884.7	183.7	493.4	38.5	89.4	46.4	4,460.9
1999 Mar. qtr	1,522.3	988.4	693.6	165.3	477.4	34.9	62.5	46.7	3,991.1
June qtr	1,655.1	1,109.6	754.0	184.2	488.7	35.0	63.6	62.5	4,352.7
Sept. qtr	1,661.6	1,223.2	803.3	204.0	493.8	36.3	64.2	58.4	4,544.8
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS									
1996-97	1,101.8	780.9	280.7	121.8	177.0	41.4	23.9	59.0	2,587.6
1997-98	1,336.5	911.4	315.0	131.5	193.4	41.4	26.4	54.8	3,010.8
1998-99	1,423.4	979.3	306.0	141.8	208.8	39.7	29.6	62.7	3,191.3
1998 June qtr	352.0	249.3	77.2	30.5	48.1	10.6	9.3	14.7	791.6
Sept. qtr	384.6	226.5	85.1	38.6	44.0	10.1	7.9	13.1	809.9
Dec. qtr	364.1	277.7	94.3	38.9	57.1	9.5	8.2	16.7	866.7
1999 Mar. qtr	340.2	219.5	61.9	31.8	50.9	8.8	6.0	12.7	731.7
June qtr	334.5	255.6	64.7	32.5	56.8	11.3	7.5	20.2	783.0
Sept. qtr	384.9	257.1	71.3	38.1	70.7	11.1	8.2	24.2	865.7
NON-RESIDENTIAL BUILDING									
1996-97	4,650.5	3,346.9	2,609.8	673.2	1,084.1	221.4	270.7	404.7	13,280.8
1997-98	5,198.6	2,960.4	2,595.6	685.0	1,135.2	159.1	212.4	382.6	13,328.6
1998-99	5,638.7	3,453.6	2,594.2	565.0	972.9	175.7	243.8	370.3	14,014.5
1998 June qtr	1,227.0	778.4	709.3	150.7	249.9	36.8	63.5	114.3	3,331.4
Sept. qtr	1,322.9	877.8	672.8	161.7	224.1	42.9	71.7	87.7	3,461.7
Dec. qtr	1,538.9	985.9	710.6	158.7	238.1	58.5	68.4	102.7	3,861.9
1999 Mar. qtr	1,301.6	757.3	531.4	129.2	231.9	32.0	49.8	106.0	3,139.3
June qtr	1,475.3	832.6	679.4	115.4	278.8	42.3	53.9	73.9	3,551.6
Sept. qtr	1,523.5	820.3	626.9	167.4	316.4	43.8	30.3	55.5	3,584.0
TOTAL BUILDING									
1996-97	10,604.4	6,764.8	6,032.0	1,284.6	2,768.9	456.7	480.3	662.1	29,065.8
1997-98	12,112.0	7,440.5	6,560.7	1,422.1	3,088.7	366.9	476.2	600.6	32,067.6
1998-99	13,410.0	8,657.7	6,142.6	1,415.8	3,091.8	358.5	558.4	636.3	34,270.7
1998 June qtr	3,098.3	2,019.5	1,716.0	336.5	760.0	87.1	137.7	167.9	8,323.2
Sept. qtr	3,268.2	2,115.9	1,667.9	376.0	718.7	87.7	149.1	148.4	8,531.7
Dec. qtr	3,512.8	2,378.8	1,689.7	381.3	788.6	106.6	166.0	165.8	9,189.6
1999 Mar. qtr	3,164.1	1,965.2	1,286.9	326.4	760.3	75.6	118.3	165.5	7,862.1
June qtr	3,464.9	2,197.8	1,498.1	332.1	824.2	88.6	125.0	156.6	8,687.3
Sept. qtr	3,570.0	2,300.6	1,501.5	409.6	880.9	91.1	102.6	138.1	8,994.6

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 of the Explanatory Notes.

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

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
NEW RESIDENTIAL BUILDING									
1996-97	4,929.9	2,730.9	3,181.6	498.8	1,481.1	165.4	192.1	195.5	13,378.2
1997-98	5,764.4	3,850.4	3,600.7	614.8	1,787.4	149.6	271.0	142.7	16,180.9
1998-99	5,978.3	4,389.2	3,055.9	741.3	1,981.0	134.1	251.7	236.9	16,768.6
1998 June qtr	1,461.1	1,080.1	923.7	149.6	510.7	36.6	78.8	33.1	4,274.1
Sept. qtr	1,677.4	1,118.4	840.0	179.3	510.4	29.3	64.4	61.0	4,480.2
Dec. qtr	1,360.9	1,052.2	779.8	223.6	512.6	37.7	82.8	50.6	4,100.4
1999 Mar. qtr	1,505.0	1,017.1	618.4	164.7	436.4	33.1	49.1	59.8	3,883.7
June qtr	1,435.0	1,201.5	817.7	173.7	521.6	34.0	55.4	65.5	4,304.3
Sept. qtr	1,823.5	1,419.9	816.7	233.9	638.4	32.5	73.7	69.3	5,107.8
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS									
1996-97	1,115.5	766.1	285.9	118.6	174.9	39.0	24.4	62.4	2,588.0
1997-98	1,384.1	891.0	310.0	134.5	188.1	39.9	26.2	54.2	3,028.3
1998-99	1,270.2	963.6	285.0	134.4	218.9	39.9	29.5	68.7	3,009.8
1998 June qtr	353.1	251.6	81.8	29.7	44.9	9.0	8.9	15.5	794.7
Sept. qtr	397.3	220.4	81.3	34.0	42.7	9.9	7.9	12.8	806.1
Dec. qtr	316.8	287.6	85.2	33.4	58.8	8.8	8.4	16.9	815.8
1999 Mar. qtr	261.0	216.6	56.4	31.3	57.8	9.4	5.8	22.1	660.4
June qtr	295.1	239.0	62.1	35.7	59.6	11.8	7.4	16.9	727.5
Sept. qtr	345.5	285.9	77.2	39.5	70.7	11.4	9.1	21.9	861.2
NON-RESIDENTIAL BUILDING									
1996-97	5,117.1	3,020.5	2,228.0	576.4	1,174.1	164.8	219.2	383.3	12,883.9
1997-98	5,471.7	3,189.8	3,467.0	550.6	888.4	141.9	237.0	341.1	14,287.3
1998-99	4,357.7	2,948.0	2,163.8	616.7	1,110.0	181.1	200.4	311.2	11,888.8
1998 June qtr	1,180.2	786.2	982.4	168.3	202.4	44.6	61.9	87.3	3,516.4
Sept. qtr	1,469.3	640.5	400.9	130.1	211.9	56.6	84.4	53.3	3,047.0
Dec. qtr	1,072.7	1,024.5	567.5	133.4	330.8	46.2	40.9	48.0	3,264.0
1999 Mar. qtr	897.5	546.5	635.7	232.3	339.9	39.6	39.6	142.8	2,873.8
June qtr	918.2	736.5	559.7	120.9	227.4	38.7	35.5	67.1	2,704.0
Sept. qtr	1,233.4	601.8	408.6	106.5	274.3	31.2	29.5	32.4	2,717.5
TOTAL BUILDING									
1996-97	11,152.8	6,509.7	5,709.7	1,193.2	2,825.9	369.3	436.3	641.3	28,836.0
1997-98	12,619.9	7,931.4	7,377.9	1,299.9	2,863.9	331.4	534.2	537.9	33,496.7
1998-99	11,606.3	8,300.9	5,504.8	1,492.5	3,309.9	355.0	481.4	616.7	31,667.3
1998 June qtr	2,995.8	2,119.1	1,986.5	347.8	758.1	90.2	149.5	135.7	8,586.6
Sept. qtr	3,544.0	1,979.4	1,322.2	343.4	765.0	95.7	156.6	127.0	8,333.4
Dec. qtr	2,750.4	2,364.3	1,432.6	390.4	902.3	92.7	132.1	115.5	8,180.2
1999 Mar. qtr	2,663.6	1,780.2	1,310.5	428.4	834.0	82.1	94.4	224.7	7,417.8
June qtr	2,648.3	2,177.0	1,439.5	330.3	808.6	84.5	98.3	149.5	7,735.9
Sept. qtr	3,402.4	2,307.5	1,302.5	379.9	983.3	75.1	112.3	123.6	8,686.6

(a) Reference year for chain volume measures is 1997-98. See paragraphs 28 to 31 of the Explanatory Notes.

TABLE 7. NUMBER OF DWELLING UNITS COMMENCED AND COMPLETED

Period	New houses				Total dwelling units (includes conversions etc)			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
SEASONALLY ADJUSTED								
1998 June qtr	25,505	24,922	26,050	25,620	36,469	34,825	37,848	36,031
Sept. qtr	25,704	25,758	26,602	26,168	37,710	35,694	39,179	36,843
Dec. qtr	23,715	22,961	24,462	23,634	34,677	33,810	36,368	35,187
1999 Mar. qtr	24,413	22,870	24,937	23,483	35,327	33,053	36,480	34,690
June qtr	26,501	25,334	27,118	26,125	36,097	37,826	37,346	39,114
Sept. qtr	27,236	24,229	27,560	24,698	40,436	33,214	41,531	34,360
TREND ESTIMATES								
1998 June qtr	25,668	24,632	26,329	25,128	36,876	34,500	38,274	35,582
Sept. qtr	24,969	24,552	25,712	25,104	36,400	34,641	37,885	35,879
Dec. qtr	24,458	23,936	25,203	24,558	35,518	34,544	37,009	35,956
1999 Mar. qtr	24,866	23,691	25,500	24,348	35,558	34,653	36,904	36,096
June qtr	25,953	24,125	26,456	24,783	36,927	34,964	38,123	36,327
Sept. qtr	27,375	24,849	27,710	25,404	39,273	35,091	40,329	36,289

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

Period	New houses				Total dwelling units (includes conversions etc)			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
SEASONALLY ADJUSTED (% change from previous quarter)								
1998 June qtr	-0.2	8.5	-0.1	10.3	0.7	6.9	1.3	7.6
Sept. qtr	0.8	3.4	2.1	2.1	3.4	2.5	3.5	2.3
Dec. qtr	-7.7	-10.9	-8.0	-9.7	-8.0	-5.3	-7.2	-4.5
1999 Mar. qtr	2.9	-0.4	1.9	-0.6	1.9	-2.2	0.3	-1.4
June qtr	8.6	10.8	8.7	11.3	2.2	14.4	2.4	12.8
Sept. qtr	2.8	-4.4	1.6	-5.5	12.0	-12.2	11.2	-12.2
TREND ESTIMATES (% change from previous quarter)								
1998 June qtr	0.5	3.9	1.0	4.1	0.8	3.9	1.1	3.9
Sept. qtr	-2.7	-0.3	-2.3	-0.1	-1.3	0.4	-1.0	0.8
Dec. qtr	-2.0	-2.5	-2.0	-2.2	-2.4	-0.3	-2.3	0.2
1999 Mar. qtr	1.7	-1.0	1.2	-0.9	0.1	0.3	-0.3	0.4
June qtr	4.4	1.8	3.7	1.8	3.8	0.9	3.3	0.6
Sept. qtr	5.5	3.0	4.7	2.5	6.4	0.4	5.8	-0.1

TABLE 9. NUMBER OF DWELLING UNITS COMMENCED BY STATE

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
SEASONALLY ADJUSTED									
1998 June qtr	12,262	9,346	8,853	1,645	4,746	389	n.a.	243	37,848
Sept. qtr	13,433	9,662	7,808	1,906	4,927	334	n.a.	559	39,179
Dec. qtr	11,363	9,289	7,471	1,798	4,453	358	n.a.	381	36,368
1999 Mar. qtr	12,863	9,659	6,766	1,784	4,286	353	n.a.	793	36,480
June qtr	12,105	10,425	7,203	1,930	4,750	330	n.a.	448	37,346
Sept. qtr	13,242	11,549	7,206	2,074	5,985	349	n.a.	606	41,531
TREND ESTIMATES									
1998 June qtr	12,647	9,273	8,689	1,780	4,711	371	578	346	38,274
Sept. qtr	12,554	9,409	7,993	1,791	4,713	357	569	433	37,885
Dec. qtr	12,325	9,478	7,350	1,809	4,494	348	531	539	37,009
1999 Mar. qtr	12,296	9,810	7,081	1,847	4,518	345	487	586	36,904
June qtr	12,538	10,482	7,064	1,921	4,936	344	440	585	38,123
Sept. qtr	13,047	11,269	7,129	2,032	5,563	340	416	581	40,329

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

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
SEASONALLY ADJUSTED (% change from previous quarter)									
1998 June qtr	-2.6	7.3	-2.5	-8.0	9.2	0.4	n.a.	-30.3	1.3
Sept. qtr	9.5	3.4	-11.8	15.9	3.8	-14.1	n.a.	129.9	3.5
Dec. qtr	-15.4	-3.9	-4.3	-5.7	-9.6	7.0	n.a.	-31.8	-7.2
1999 Mar. qtr	13.2	4.0	-9.4	-0.8	-3.7	-1.3	n.a.	108.1	0.3
June qtr	-5.9	7.9	6.5	8.2	10.8	-6.6	n.a.	-43.5	2.4
Sept. qtr	9.4	10.8	—	7.5	26.0	5.9	n.a.	35.3	11.2
TREND ESTIMATES (% change from previous quarter)									
1998 June qtr	1.2	3.2	-3.8	3.3	5.5	-5.7	1.3	9.0	1.1
Sept. qtr	-0.7	1.5	-8.0	0.6	—	-3.7	-1.7	25.3	-1.0
Dec. qtr	-1.8	0.7	-8.1	1.0	-4.6	-2.5	-6.6	24.3	-2.3
1999 Mar. qtr	-0.2	3.5	-3.6	2.1	0.5	-0.9	-8.2	8.8	-0.3
June qtr	2.0	6.9	-0.2	4.0	9.3	-0.5	-9.7	-0.3	3.3
Sept. qtr	4.1	7.5	0.9	5.8	12.7	-1.0	-5.3	-0.6	5.8

TABLE 11. NUMBER OF DWELLING UNITS COMPLETED BY STATE

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
SEASONALLY ADJUSTED									
1998 June qtr	11,193	8,749	8,808	n.a.	4,335	439	n.a.	353	36,031
Sept. qtr	11,105	8,595	9,530	n.a.	4,305	424	n.a.	406	36,843
Dec. qtr	12,184	8,147	8,274	n.a.	4,012	366	n.a.	307	35,187
1999 Mar. qtr	11,285	8,294	6,787	n.a.	4,847	382	n.a.	486	34,690
June qtr	13,132	10,452	7,721	n.a.	4,693	354	n.a.	374	39,114
Sept. qtr	11,155	8,380	7,427	n.a.	4,086	372	n.a.	532	34,360
TREND ESTIMATES									
1998 June qtr	11,043	8,390	8,952	1,603	4,202	443	509	362	35,582
Sept. qtr	11,259	8,436	8,927	1,707	4,232	411	531	362	35,879
Dec. qtr	11,779	8,499	8,245	1,827	4,397	385	559	379	35,956
1999 Mar. qtr	12,030	8,832	7,578	1,829	4,533	370	575	406	36,096
June qtr	12,067	9,174	7,312	1,761	4,541	364	546	446	36,327
Sept. qtr	11,853	9,263	7,374	1,690	4,412	366	503	492	36,289

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

<i>Period</i>	<i>New residential building</i>			<i>Alterations and additions to residential buildings</i>	<i>Non-residential building</i>		<i>Total building</i>		
	<i>Houses</i>		<i>Other residential building</i>		<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>	
	<i>Private sector</i>	<i>Total</i>							<i>Total</i>
SEASONALLY ADJUSTED									
1998 June qtr	2,895.3	2,945.0	1,302.0	4,238.3	790.4	2,454.9	3,360.2	7,330.0	8,397.5
Sept. qtr	2,872.8	2,937.8	1,257.7	4,214.8	815.0	2,565.2	3,404.2	7,437.5	8,403.0
Dec. qtr	2,865.8	2,945.9	1,415.4	4,335.6	789.6	2,815.0	3,786.1	7,821.9	8,927.2
1999 Mar. qtr	2,993.4	3,061.5	1,357.2	4,431.2	847.6	2,648.0	3,630.9	7,767.9	8,914.7
June qtr	3,088.1	3,153.8	1,390.3	4,533.2	803.9	2,794.3	3,714.4	7,961.4	9,061.4
Sept. qtr	3,270.3	3,323.4	1,320.0	4,662.1	905.1	2,726.2	3,636.5	8,132.6	9,169.1
TREND ESTIMATES									
1998 June qtr	2,876.8	2,931.5	1,251.3	4,183.0	798.9	2,523.4	3,413.3	7,362.1	8,393.7
Sept. qtr	2,881.4	2,946.1	1,319.0	4,265.6	805.8	2,606.7	3,509.0	7,531.4	8,573.8
Dec. qtr	2,897.0	2,970.0	1,365.1	4,331.2	807.9	2,691.5	3,627.1	7,686.9	8,768.1
1999 Mar. qtr	2,983.0	3,054.1	1,377.7	4,428.4	820.5	2,739.0	3,694.1	7,837.6	8,948.8
June qtr	3,107.5	3,171.3	1,368.6	4,541.9	843.9	2,744.3	3,687.2	7,968.6	9,071.1
Sept. qtr	3,247.1	3,301.7	1,335.5	4,650.7	877.2	2,734.3	3,644.1	8,091.2	9,149.9

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
SEASONALLY ADJUSTED									
1998 June qtr	2,947.3	2,998.4	1,226.8	4,229.5	767.1	n.a.	3,571.8	7,413.6	8,618.8
Sept. qtr	3,003.5	3,096.5	1,352.5	4,446.1	798.0	n.a.	3,318.4	7,877.5	8,557.6
Dec. qtr	2,865.3	2,943.4	1,130.8	4,060.0	779.2	n.a.	3,351.1	6,988.2	8,163.4
1999 Mar. qtr	3,015.2	3,067.2	1,238.5	4,320.8	766.3	n.a.	2,799.1	6,852.2	7,822.3
June qtr	3,262.8	3,328.8	1,088.4	4,419.5	728.7	n.a.	2,842.7	7,342.4	8,052.4
Sept. qtr	3,468.7	3,528.7	1,802.2	5,321.4	888.6	n.a.	3,057.0	8,390.1	9,302.1
TREND ESTIMATES									
1998 June qtr	2,946.3	3,011.6	1,252.2	4,266.0	791.0	2,544.7	3,435.7	7,443.1	8,512.6
Sept. qtr	2,931.6	3,007.0	1,254.4	4,259.8	790.2	2,519.2	3,390.7	7,418.6	8,439.0
Dec. qtr	2,943.0	3,018.2	1,188.7	4,204.8	768.9	2,374.7	3,180.5	7,179.0	8,128.2
1999 Mar. qtr	3,048.6	3,114.8	1,187.2	4,303.2	764.7	2,206.1	2,975.9	7,099.1	8,029.4
June qtr	3,234.7	3,294.4	1,324.6	4,620.5	784.9	2,182.4	2,899.3	7,446.2	8,321.0
Sept. qtr	3,459.9	3,518.6	1,558.5	5,095.4	828.2	2,242.1	2,913.8	8,069.9	8,854.8

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential building	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
SEASONALLY ADJUSTED									
1998 June qtr	2,828.4	2,884.3	972.9	3,816.5	690.2	2,168.1	3,096.4	6,719.0	7,673.1
Sept. qtr	2,992.0	3,040.7	1,151.0	4,231.7	768.3	2,051.9	2,794.3	6,800.3	7,712.7
Dec. qtr	2,703.2	2,773.8	1,182.6	3,966.3	698.3	2,387.5	3,051.2	6,964.0	7,831.2
1999 Mar. qtr	2,792.5	2,872.5	1,069.2	3,934.9	848.9	3,299.0	4,074.7	7,712.0	8,649.7
June qtr	3,079.0	3,139.3	1,659.5	4,728.2	798.3	2,154.4	3,228.2	7,751.6	8,862.3
Sept. qtr	2,948.7	3,005.6	1,161.9	4,208.6	827.7	2,536.7	3,230.0	7,281.8	8,188.2
TREND ESTIMATES									
1998 June qtr	2,819.5	2,870.0	1,024.9	3,887.9	746.2	2,068.7	2,996.4	6,614.0	7,614.4
Sept. qtr	2,845.2	2,903.6	1,074.6	3,988.5	735.9	2,228.3	3,000.1	6,799.4	7,707.6
Dec. qtr	2,833.7	2,901.4	1,170.5	4,077.1	753.5	2,532.3	3,266.1	7,180.4	8,084.4
1999 Mar. qtr	2,857.9	2,928.3	1,271.7	4,185.1	792.4	2,678.3	3,491.0	7,477.8	8,438.4
June qtr	2,938.0	3,004.3	1,339.4	4,322.8	816.5	2,619.0	3,487.3	7,602.4	8,598.4
Sept. qtr	3,039.7	3,097.1	1,358.1	4,459.7	838.5	2,461.3	3,323.4	7,561.2	8,562.2

TABLE 15. NUMBER AND VALUE OF BUILDING COMMENCED: ORIGINAL

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Con-versions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
1996-97	84,645	34,975	3,439	123,060	9,263.1	3,488.4	12,751.5	2,497.3	15,248.8	8,792.8	24,041.6
1997-98	98,844	40,298	3,767	142,908	11,235.2	4,524.5	15,759.6	2,929.9	18,689.5	9,830.9	28,520.5
1998-99	100,353	40,067	3,391	143,811	12,144.7	4,578.3	16,723.0	2,985.1	19,708.1	9,336.6	29,044.7
1998 June qtr	25,838	10,172	1,057	37,066	2,998.5	1,179.5	4,177.9	757.0	4,935.0	2,487.6	7,422.6
Sept. qtr	26,239	10,900	776	37,915	3,087.4	1,290.5	4,378.0	786.9	5,164.9	2,555.4	7,720.3
Dec. qtr	24,866	9,847	1,258	35,971	2,980.0	1,091.7	4,071.8	808.2	4,879.9	2,435.9	7,315.8
1999 Mar. qtr	22,404	10,005	831	33,240	2,758.5	1,152.1	3,910.6	655.6	4,566.2	2,097.2	6,663.4
June qtr	26,844	9,315	526	36,685	3,318.8	1,043.9	4,362.7	734.4	5,097.1	2,248.1	7,345.2
Sept. qtr	27,774	12,093	731	40,598	3,562.0	1,713.3	5,275.2	867.4	6,142.7	2,070.2	8,212.9
PUBLIC SECTOR											
1996-97	1,601	3,370	141	5,112	166.6	261.0	427.6	67.3	494.9	3,596.0	4,090.9
1997-98	1,920	2,894	59	4,873	201.0	220.3	421.4	98.4	519.8	4,456.4	4,976.2
1998-99	2,811	2,746	51	5,608	291.7	227.1	518.8	86.8	605.6	2,945.7	3,551.3
1998 June qtr	516	1,004	5	1,525	52.1	72.4	124.5	40.1	164.6	1,071.8	1,236.4
Sept. qtr	1,087	711	10	1,808	103.5	56.0	159.6	24.9	184.5	563.9	748.4
Dec. qtr	676	528	31	1,235	73.5	43.6	117.1	18.8	135.9	924.8	1,060.7
1999 Mar. qtr	466	708	1	1,175	47.8	59.9	107.6	20.2	127.9	876.3	1,004.2
June qtr	582	799	9	1,390	66.9	67.6	134.5	22.9	157.4	580.6	738.0
Sept. qtr	516	904	24	1,444	71.4	74.7	146.2	36.3	182.4	809.1	991.5
TOTAL											
1996-97	86,246	38,345	3,580	128,172	9,429.8	3,749.4	13,179.1	2,564.6	15,743.7	12,388.8	28,132.5
1997-98	100,764	43,192	3,826	147,781	11,436.2	4,744.8	16,181.0	3,028.3	19,209.3	14,287.4	33,496.6
1998-99	103,164	42,813	3,442	149,419	12,436.4	4,805.4	17,241.8	3,071.9	20,313.7	12,282.3	32,596.0
1998 June qtr	26,354	11,176	1,062	38,591	3,050.6	1,251.9	4,302.5	797.1	5,099.6	3,559.4	8,659.0
Sept. qtr	27,326	11,611	786	39,723	3,191.0	1,346.6	4,537.5	811.8	5,349.4	3,119.4	8,468.7
Dec. qtr	25,542	10,375	1,289	37,206	3,053.5	1,135.3	4,188.9	826.9	5,015.8	3,360.7	8,376.5
1999 Mar. qtr	22,870	10,713	832	34,415	2,806.2	1,212.0	4,018.2	675.9	4,694.1	2,973.5	7,667.6
June qtr	27,426	10,114	535	38,075	3,385.7	1,111.5	4,497.2	757.2	5,254.5	2,828.7	8,083.2
Sept. qtr	28,290	12,997	755	42,042	3,633.4	1,788.0	5,421.4	903.7	6,325.1	2,879.3	9,204.4

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

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
PRIVATE SECTOR											
1996-97	953.5	1,651.4	1,068.0	1,674.8	1,253.1	391.4	69.1	516.0	873.7	341.8	8,792.8
1997-98	1,056.4	2,132.2	854.6	1,944.9	1,614.6	440.9	73.4	484.6	953.5	275.8	9,830.9
1998-99	1,001.3	2,350.2	847.2	1,770.0	1,445.7	437.2	95.2	519.6	708.9	161.4	9,336.6
1998 June qtr	181.1	634.9	187.7	563.1	436.1	130.6	12.5	88.8	164.2	88.7	2,487.6
Sept. qtr	258.9	536.3	222.2	709.7	378.1	125.1	23.5	82.2	176.5	43.0	2,555.4
Dec. qtr	331.6	615.9	244.5	371.3	380.3	110.4	24.0	146.9	165.4	45.5	2,435.9
1999 Mar. qtr	170.8	586.1	181.8	313.8	344.7	93.5	28.5	162.6	182.0	33.4	2,097.2
June qtr	240.1	611.9	198.6	375.3	342.5	108.2	19.3	127.8	185.0	39.5	2,248.1
Sept. qtr	165.5	552.3	184.6	259.6	345.9	134.8	44.2	175.8	150.2	57.4	2,070.2
PUBLIC SECTOR											
1996-97	9.4	102.0	83.8	630.6	396.5	994.8	1.4	616.9	349.6	411.1	3,596.0
1997-98	5.9	27.7	15.7	442.1	789.7	858.7	0.1	1,353.4	497.0	466.2	4,456.4
1998-99	20.6	45.1	39.2	312.6	274.9	1,045.4	1.4	413.9	468.1	324.5	2,945.7
1998 June qtr	1.7	3.1	5.2	108.4	67.3	203.4	—	519.2	57.7	105.8	1,071.8
Sept. qtr	1.8	5.7	10.6	81.7	39.8	237.2	—	70.0	60.7	56.4	563.9
Dec. qtr	1.9	31.7	3.3	74.2	93.2	282.3	0.6	118.8	206.7	112.1	924.8
1999 Mar. qtr	15.7	4.4	3.2	93.6	101.1	375.1	—	99.5	114.9	68.8	876.3
June qtr	1.2	3.3	22.1	63.0	40.9	150.7	0.8	125.6	85.8	87.2	580.6
Sept. qtr	0.4	9.2	2.1	74.6	72.5	206.1	—	185.2	104.6	154.3	809.1
TOTAL											
1996-97	962.9	1,753.4	1,151.8	2,305.4	1,649.6	1,386.2	70.5	1,132.9	1,223.3	752.9	12,388.8
1997-98	1,062.2	2,159.9	870.3	2,387.1	2,404.3	1,299.6	73.5	1,838.0	1,450.5	742.0	14,287.4
1998-99	1,021.9	2,395.3	886.4	2,082.7	1,720.6	1,482.6	96.7	933.4	1,177.0	485.8	12,282.3
1998 June qtr	182.8	638.0	192.9	671.5	503.4	333.9	12.5	608.1	221.8	194.5	3,559.4
Sept. qtr	260.6	542.0	232.8	791.4	417.9	362.3	23.5	152.2	237.2	99.4	3,119.4
Dec. qtr	333.5	647.6	247.8	445.5	473.5	392.7	24.6	265.7	372.1	157.6	3,360.7
1999 Mar. qtr	186.5	590.5	185.0	407.4	445.9	468.6	28.5	262.2	296.8	102.2	2,973.5
June qtr	241.3	615.2	220.8	438.4	383.3	258.9	20.1	253.4	270.8	126.6	2,828.7
Sept. qtr	165.9	561.5	186.7	334.2	418.4	340.9	44.2	361.0	254.8	211.7	2,879.3

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

	<i>Number of dwelling units</i>				<i>Value (\$m)</i>						
	<i>New houses</i>	<i>New other residential building</i>	<i>Conversions etc.</i>	<i>Total dwelling units</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
PRIVATE SECTOR											
1996-97	35,101	28,014	3,138	66,253	4,344.5	3,508.0	7,852.5	1,209.4	9,061.9	9,063.9	18,125.8
1997-98	40,444	33,390	3,489	77,322	5,233.5	4,796.6	10,030.0	1,529.0	11,559.0	9,709.4	21,268.4
1998-99	43,225	32,540	3,025	78,790	5,919.8	4,772.9	10,692.7	1,657.0	12,349.7	9,850.7	22,200.4
1998 June qtr	40,444	33,390	3,489	77,322	5,233.5	4,796.6	10,030.0	1,529.0	11,559.0	9,709.4	21,268.4
Sept. qtr	41,182	34,323	3,186	78,691	5,393.4	4,969.5	10,362.9	1,647.0	12,009.9	10,383.7	22,393.6
Dec. qtr	40,154	32,910	3,848	76,912	5,327.0	4,854.2	10,181.3	1,674.0	11,855.3	9,909.2	21,764.5
1999 Mar. qtr	41,530	34,397	3,490	79,417	5,606.0	5,209.0	10,815.0	1,655.2	12,470.3	9,502.5	21,972.8
June qtr	43,225	32,540	3,025	78,790	5,919.8	4,772.9	10,692.7	1,657.0	12,349.7	9,850.7	22,200.4
Sept. qtr	46,995	35,372	3,207	85,574	6,588.3	5,505.0	12,093.3	1,811.5	13,904.8	9,819.4	23,724.2
PUBLIC SECTOR											
1996-97	547	1,589	153	2,289	60.5	133.3	193.7	31.1	224.9	3,377.0	3,601.9
1997-98	696	1,797	24	2,517	68.9	134.8	203.8	37.2	241.0	4,679.6	4,920.5
1998-99	1,000	1,656	11	2,667	101.5	138.9	240.4	26.3	266.7	4,561.9	4,828.6
1998 June qtr	696	1,797	24	2,517	68.9	134.8	203.8	37.2	241.0	4,679.6	4,920.5
Sept. qtr	1,315	1,884	11	3,210	123.3	145.8	269.1	34.0	303.1	4,322.1	4,625.2
Dec. qtr	1,200	1,454	34	2,688	111.0	120.5	231.5	29.8	261.3	4,547.2	4,808.5
1999 Mar. qtr	1,033	1,383	24	2,440	95.1	115.0	210.1	26.1	236.1	4,668.8	4,905.0
June qtr	1,000	1,656	11	2,667	101.5	138.9	240.4	26.3	266.7	4,561.9	4,828.6
Sept. qtr	994	2,008	9	3,011	116.3	164.9	281.2	33.1	314.4	4,481.7	4,796.0
TOTAL											
1996-97	35,648	29,603	3,291	68,542	4,405.0	3,641.3	8,046.2	1,240.5	9,286.8	12,440.9	21,727.7
1997-98	41,140	35,187	3,513	79,839	5,302.4	4,931.4	10,233.8	1,566.2	11,800.0	14,389.0	26,189.0
1998-99	44,225	34,196	3,036	81,457	6,021.3	4,911.8	10,933.1	1,683.3	12,616.4	14,412.6	27,028.9
1998 June qtr	41,140	35,187	3,513	79,839	5,302.4	4,931.4	10,233.8	1,566.2	11,800.0	14,389.0	26,189.0
Sept. qtr	42,497	36,207	3,197	81,901	5,516.7	5,115.3	10,631.9	1,681.0	12,313.0	14,705.7	27,018.7
Dec. qtr	41,354	34,364	3,882	79,600	5,438.1	4,974.7	10,412.7	1,703.8	12,116.6	14,456.5	26,573.0
1999 Mar. qtr	42,563	35,780	3,514	81,857	5,701.1	5,324.0	11,025.1	1,681.3	12,706.4	14,171.4	26,877.8
June qtr	44,225	34,196	3,036	81,457	6,021.3	4,911.8	10,933.1	1,683.3	12,616.4	14,412.6	27,028.9
Sept. qtr	47,989	37,380	3,216	88,585	6,704.6	5,669.9	12,374.5	1,844.7	14,219.2	14,301.0	28,520.2

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

	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
PRIVATE SECTOR											
1996-97	1,434.9	1,789.1	672.3	1,315.2	1,106.2	193.4	69.1	455.5	1,769.7	258.6	9,063.9
1997-98	1,613.3	1,812.3	460.6	2,133.5	1,347.9	252.4	60.0	580.8	1,254.2	194.4	9,709.4
1998-99	1,778.4	2,150.0	464.0	2,327.9	1,088.4	260.1	79.2	545.3	1,035.7	121.7	9,850.7
1998 June qtr	1,613.3	1,812.3	460.6	2,133.5	1,347.9	252.4	60.0	580.8	1,254.2	194.4	9,709.4
Sept. qtr	1,607.1	1,990.9	463.8	2,552.8	1,375.7	277.2	72.3	546.0	1,321.3	176.6	10,383.7
Dec. qtr	1,597.9	1,908.5	516.6	2,494.7	1,049.7	282.9	68.7	568.6	1,302.5	119.2	9,909.2
1999 Mar. qtr	1,742.6	2,002.7	498.2	2,280.9	1,001.1	252.0	82.1	572.4	946.8	123.7	9,502.5
June qtr	1,778.4	2,150.0	464.0	2,327.9	1,088.4	260.1	79.2	545.3	1,035.7	121.7	9,850.7
Sept. qtr	1,638.9	2,251.9	427.3	2,220.2	1,023.8	332.7	102.4	614.9	1,096.3	111.0	9,819.4
PUBLIC SECTOR											
1996-97	6.8	78.2	33.9	531.4	373.6	818.3	1.3	746.8	376.3	410.4	3,377.0
1997-98	1.4	13.7	6.3	510.6	723.4	791.7	—	1,667.7	492.5	472.2	4,679.6
1998-99	17.9	24.9	23.9	228.6	694.0	1,123.9	0.8	1,469.7	666.7	311.4	4,561.9
1998 June qtr	1.4	13.7	6.3	510.6	723.4	791.7	—	1,667.7	492.5	472.2	4,679.6
Sept. qtr	1.1	11.2	12.3	364.2	723.0	843.5	—	1,498.1	420.6	447.9	4,322.1
Dec. qtr	1.8	35.9	10.0	308.9	710.9	963.8	0.6	1,439.4	578.5	497.4	4,547.2
1999 Mar. qtr	16.6	29.0	7.1	254.0	700.9	1,181.0	—	1,427.0	654.4	398.9	4,668.8
June qtr	17.9	24.9	23.9	228.6	694.0	1,123.9	0.8	1,469.7	666.7	311.4	4,561.9
Sept. qtr	0.1	27.7	23.6	212.4	672.3	1,197.7	0.8	1,500.4	481.7	364.8	4,481.7
TOTAL											
1996-97	1,441.6	1,867.4	706.2	1,846.5	1,479.8	1,011.7	70.4	1,202.2	2,146.0	669.0	12,440.9
1997-98	1,614.7	1,826.1	466.9	2,644.1	2,071.3	1,044.2	60.0	2,248.4	1,746.7	666.6	14,389.0
1998-99	1,796.3	2,174.9	487.9	2,556.5	1,782.4	1,384.0	80.1	2,014.9	1,702.4	433.2	14,412.6
1998 June qtr	1,614.7	1,826.1	466.9	2,644.1	2,071.3	1,044.2	60.0	2,248.4	1,746.7	666.6	14,389.0
Sept. qtr	1,608.2	2,002.1	476.1	2,917.0	2,098.7	1,120.7	72.3	2,044.1	1,742.0	624.5	14,705.7
Dec. qtr	1,599.7	1,944.4	526.6	2,803.5	1,760.6	1,246.6	69.3	2,007.9	1,881.0	616.6	14,456.5
1999 Mar. qtr	1,759.2	2,031.7	505.3	2,534.9	1,701.9	1,432.9	82.1	1,999.5	1,601.1	522.7	14,171.4
June qtr	1,796.3	2,174.9	487.9	2,556.5	1,782.4	1,384.0	80.1	2,014.9	1,702.4	433.2	14,412.6
Sept. qtr	1,639.0	2,279.6	450.9	2,432.6	1,696.2	1,530.5	103.3	2,115.3	1,577.9	475.8	14,301.0

TABLE 19. NUMBER AND VALUE OF BUILDING COMPLETED: ORIGINAL

Period	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
PRIVATE SECTOR											
1996-97	82,147	31,231	2,371	115,748	8,892.0	3,252.2	12,144.2	2,479.4	14,623.6	8,093.5	22,717.1
1997-98	92,991	34,228	3,349	130,568	10,486.7	3,572.3	14,059.0	2,738.7	16,797.7	10,003.5	26,801.2
1998-99	96,860	39,799	3,678	140,338	11,545.4	4,818.5	16,363.9	2,994.7	19,358.6	9,743.6	29,102.2
1998 June qtr	24,600	8,401	767	33,768	2,749.9	864.9	3,614.9	654.7	4,269.5	2,108.7	6,378.2
Sept. qtr	25,346	9,586	1,079	36,011	2,965.5	1,146.1	4,111.6	730.1	4,841.7	1,948.4	6,790.1
Dec. qtr	25,728	11,157	594	37,480	3,066.6	1,255.0	4,321.5	785.3	5,106.9	3,042.8	8,149.7
1999 Mar. qtr	20,766	8,325	1,065	30,156	2,516.2	917.9	3,434.1	709.7	4,143.8	2,654.9	6,798.7
June qtr	25,020	10,731	940	36,691	2,997.1	1,499.5	4,496.6	769.6	5,266.2	2,097.5	7,363.7
Sept. qtr	23,839	9,127	548	33,514	2,920.5	1,155.1	4,075.6	786.7	4,862.3	2,404.9	7,267.2
PUBLIC SECTOR											
1996-97	1,578	4,440	89	6,107	158.2	342.2	500.5	61.8	562.3	3,171.0	3,733.3
1997-98	1,768	2,678	188	4,634	192.1	215.9	408.0	84.2	492.1	3,271.4	3,763.5
1998-99	2,485	2,870	64	5,419	259.4	218.8	478.3	97.3	575.6	3,225.4	3,801.0
1998 June qtr	531	555	3	1,089	57.0	40.7	97.7	29.5	127.2	662.5	789.7
Sept. qtr	467	609	23	1,099	49.5	45.0	94.5	27.5	122.0	930.5	1,052.5
Dec. qtr	788	960	8	1,756	85.3	68.6	154.0	23.1	177.0	698.0	875.0
1999 Mar. qtr	616	775	11	1,402	62.7	61.4	124.1	23.9	148.1	800.9	949.0
June qtr	614	526	22	1,162	61.8	43.8	105.7	22.8	128.5	796.1	924.6
Sept. qtr	522	552	24	1,098	57.4	48.8	106.2	29.4	135.6	913.8	1,049.4
TOTAL											
1996-97	83,725	35,671	2,460	121,855	9,050.2	3,594.4	12,644.6	2,541.2	15,185.9	11,264.5	26,450.4
1997-98	94,759	36,906	3,537	135,202	10,678.8	3,788.2	14,467.0	2,822.8	17,289.8	13,274.9	30,564.8
1998-99	99,345	42,669	3,742	145,757	11,804.8	5,037.3	16,842.1	3,092.0	19,934.2	12,969.1	32,903.2
1998 June qtr	25,131	8,956	770	34,857	2,806.9	905.6	3,712.6	684.1	4,396.7	2,771.2	7,167.9
Sept. qtr	25,813	10,195	1,102	37,110	3,015.1	1,191.0	4,206.1	757.6	4,963.7	2,878.9	7,842.6
Dec. qtr	26,516	12,117	602	39,236	3,151.9	1,323.6	4,475.5	808.4	5,283.9	3,740.8	9,024.7
1999 Mar. qtr	21,382	9,100	1,076	31,558	2,578.9	979.3	3,558.2	733.6	4,291.8	3,455.8	7,747.6
June qtr	25,634	11,257	962	37,853	3,058.9	1,543.4	4,602.3	792.4	5,394.7	2,893.6	8,288.3
Sept. qtr	24,361	9,679	572	34,612	2,977.9	1,203.9	4,181.8	816.0	4,997.8	3,318.8	8,316.6

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

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
PRIVATE SECTOR											
1996-97	805.5	1,808.2	1,207.5	1,059.9	1,282.8	432.3	67.8	337.6	716.3	375.7	8,093.5
1997-98	1,044.9	2,287.7	1,118.6	1,270.6	1,413.1	399.2	87.1	403.8	1,618.7	359.9	10,003.5
1998-99	871.6	2,171.1	878.7	1,720.5	1,799.8	446.1	84.6	580.8	952.9	237.5	9,743.6
1998 June qtr	218.8	471.5	275.1	338.2	354.0	100.5	33.1	109.0	141.2	67.3	2,108.7
Sept. qtr	233.4	397.2	231.1	303.8	370.7	103.7	13.7	121.4	114.7	58.7	1,948.4
Dec. qtr	324.1	765.1	195.6	463.1	730.8	107.0	29.3	136.2	188.0	103.6	3,042.8
1999 Mar. qtr	84.5	478.1	212.6	582.6	422.5	132.3	17.4	161.8	532.8	30.2	2,654.9
June qtr	229.6	530.6	239.4	371.0	275.9	103.1	24.2	161.4	117.4	45.0	2,097.5
Sept. qtr	378.2	481.9	237.8	456.6	453.9	63.8	19.4	105.3	138.7	69.3	2,404.9
PUBLIC SECTOR											
1996-97	5.2	70.8	56.9	702.2	315.4	949.8	0.3	524.8	198.7	347.0	3,171.0
1997-98	11.1	100.0	44.1	456.8	441.8	911.8	1.1	473.8	427.3	403.7	3,271.4
1998-99	4.6	35.5	21.9	602.2	352.3	758.2	0.6	631.9	312.8	505.4	3,225.4
1998 June qtr	5.5	5.4	2.7	107.6	44.1	205.5	—	170.8	40.3	80.6	662.5
Sept. qtr	2.1	8.9	4.5	227.9	32.5	187.3	—	241.8	136.2	89.2	930.5
Dec. qtr	1.2	7.7	5.8	128.3	110.3	187.9	—	142.4	50.3	64.2	698.0
1999 Mar. qtr	0.9	11.5	6.2	149.6	114.2	165.7	0.6	133.4	49.0	169.8	800.9
June qtr	0.4	7.4	5.4	96.5	95.3	217.3	—	114.3	77.2	182.3	796.1
Sept. qtr	17.8	6.4	2.4	95.3	67.5	148.4	—	181.4	297.7	97.1	913.8
TOTAL											
1996-97	810.7	1,879.0	1,264.4	1,762.1	1,598.1	1,382.1	68.1	862.4	915.0	722.6	11,264.5
1997-98	1,056.0	2,387.7	1,162.7	1,727.4	1,854.8	1,311.0	88.3	877.6	2,046.0	763.6	13,274.9
1998-99	876.3	2,206.6	900.6	2,322.7	2,152.1	1,204.2	85.2	1,212.7	1,265.7	742.9	12,969.1
1998 June qtr	224.3	476.9	277.8	445.8	398.1	306.0	33.1	279.8	181.6	147.9	2,771.2
Sept. qtr	235.5	406.1	235.6	531.8	403.2	291.1	13.7	363.2	250.9	147.9	2,878.9
Dec. qtr	325.3	772.8	201.4	591.4	841.0	294.8	29.3	278.6	238.3	167.8	3,740.8
1999 Mar. qtr	85.4	489.6	218.9	732.1	536.7	298.0	18.0	295.2	581.8	200.0	3,455.8
June qtr	230.0	538.0	244.8	467.4	371.2	320.3	24.2	275.7	194.7	227.3	2,893.6
Sept. qtr	396.0	488.3	240.1	551.9	521.4	212.2	19.4	286.7	436.4	166.4	3,318.8

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

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
PRIVATE SECTOR							
1996-97	9,126.0	3,448.0	12,574.0	2,502.9	15,076.9	9,413.3	24,490.2
1997-98	10,996.0	4,347.4	15,343.4	2,925.1	18,268.5	9,721.6	27,990.1
1998-99	11,811.2	5,187.9	16,999.0	3,155.5	20,154.6	10,824.7	30,979.2
1998 June qtr	2,896.8	1,231.1	4,127.9	760.3	4,888.2	2,411.6	7,299.8
Sept. qtr	2,916.1	1,265.4	4,181.5	788.4	4,969.9	2,718.4	7,688.3
Dec. qtr	3,026.4	1,388.1	4,414.4	854.6	5,269.1	2,995.6	8,264.7
1999 Mar. qtr	2,778.4	1,223.0	4,001.4	726.6	4,728.1	2,369.7	7,097.8
June qtr	3,090.3	1,311.3	4,401.6	785.9	5,187.5	2,740.9	7,928.4
Sept. qtr	3,316.6	1,327.2	4,643.9	870.1	5,513.9	2,892.2	8,406.1
PUBLIC SECTOR							
1996-97	162.8	312.6	475.4	67.0	542.4	3,341.6	3,884.0
1997-98	192.3	192.6	384.9	85.5	470.4	3,607.1	4,077.4
1998-99	279.3	226.5	505.9	93.9	599.8	3,709.8	4,309.5
1998 June qtr	51.8	52.6	104.5	34.4	138.8	969.2	1,108.1
Sept. qtr	72.8	65.1	137.9	27.9	165.8	823.2	989.0
Dec. qtr	81.2	51.5	132.7	22.7	155.4	995.0	1,150.4
1999 Mar. qtr	57.6	50.1	107.7	20.6	128.3	900.9	1,029.2
June qtr	67.7	59.8	127.5	22.7	150.2	990.8	1,141.0
Sept. qtr	61.8	69.2	130.9	35.9	166.9	895.8	1,062.7
TOTAL							
1996-97	9,288.8	3,760.6	13,049.4	2,569.9	15,619.3	12,754.9	28,374.2
1997-98	11,188.4	4,539.9	15,728.3	3,010.7	18,738.9	13,328.7	32,067.6
1998-99	12,090.5	5,414.4	17,504.9	3,249.4	20,754.3	14,534.4	35,288.7
1998 June qtr	2,948.6	1,283.7	4,232.3	794.7	5,027.0	3,380.8	8,407.8
Sept. qtr	2,988.9	1,330.5	4,319.4	816.3	5,135.7	3,541.6	8,677.3
Dec. qtr	3,107.6	1,439.6	4,547.2	877.3	5,424.5	3,990.5	9,415.0
1999 Mar. qtr	2,836.0	1,273.2	4,109.2	747.2	4,856.4	3,270.6	8,127.0
June qtr	3,158.0	1,371.1	4,529.1	808.6	5,337.7	3,731.7	9,069.4
Sept. qtr	3,378.4	1,396.4	4,774.8	906.0	5,680.8	3,788.1	9,468.8

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

<i>Period</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
PRIVATE SECTOR											
1996-97	994.2	2,016.7	1,162.5	1,268.9	1,407.5	396.6	77.1	405.0	1,268.6	416.2	9,413.3
1997-98	1,042.2	2,243.6	1,005.4	1,593.3	1,536.7	445.5	87.1	547.6	941.2	279.0	9,721.6
1998-99	1,213.1	2,435.9	895.6	2,292.7	1,749.1	440.9	85.6	509.9	982.2	219.6	10,824.7
1998 June qtr	260.4	514.3	220.6	444.1	410.4	97.8	22.2	157.3	211.7	72.8	2,411.6
Sept. qtr	277.8	655.6	214.2	529.0	484.6	92.1	19.1	115.8	262.0	68.2	2,718.4
Dec. qtr	320.0	673.2	224.9	656.4	490.8	143.7	22.7	121.1	280.0	62.8	2,995.6
1999 Mar. qtr	267.7	470.2	229.3	513.3	362.8	116.2	22.5	124.2	221.0	42.7	2,369.7
June qtr	347.7	636.9	227.2	594.0	410.8	88.9	21.3	148.9	219.2	46.0	2,740.9
Sept. qtr	356.1	770.5	190.4	525.8	438.3	103.9	31.9	156.2	267.6	51.6	2,892.2
PUBLIC SECTOR											
1996-97	6.1	109.2	78.0	608.6	381.1	977.4	0.6	500.8	334.3	345.4	3,341.6
1997-98	10.1	59.0	20.5	537.8	444.7	944.5	0.6	740.5	429.6	419.8	3,607.1
1998-99	20.0	28.7	32.8	413.6	533.5	961.4	1.1	786.6	483.0	449.0	3,709.8
1998 June qtr	3.9	5.6	2.2	165.7	116.8	201.0	—	248.5	92.1	133.3	969.2
Sept. qtr	2.0	7.3	8.9	113.5	114.8	208.6	—	159.0	102.1	107.0	823.2
Dec. qtr	1.8	6.5	5.2	95.1	156.1	272.3	0.5	216.5	105.3	135.7	995.0
1999 Mar. qtr	7.6	8.8	5.3	116.2	124.2	237.1	0.1	188.4	116.2	97.1	900.9
June qtr	8.6	6.1	13.5	88.9	138.4	243.5	0.5	222.7	159.5	109.2	990.8
Sept. qtr	1.8	8.6	11.6	75.8	124.4	234.4	0.3	186.2	145.1	107.6	895.8
TOTAL											
1996-97	1,000.3	2,125.9	1,240.5	1,877.5	1,788.6	1,374.0	77.7	905.8	1,602.9	761.6	12,754.9
1997-98	1,052.3	2,302.6	1,025.9	2,131.0	1,981.3	1,390.0	87.8	1,288.1	1,370.8	698.7	13,328.7
1998-99	1,233.1	2,464.7	928.4	2,706.3	2,282.5	1,402.4	86.7	1,296.6	1,465.2	668.6	14,534.4
1998 June qtr	264.3	519.9	222.8	609.8	527.2	298.8	22.2	405.8	303.9	206.1	3,380.8
Sept. qtr	279.8	662.9	223.2	642.5	599.4	300.6	19.1	274.8	364.1	175.2	3,541.6
Dec. qtr	321.8	679.8	230.0	751.5	646.9	416.0	23.2	337.6	385.3	198.5	3,990.5
1999 Mar. qtr	275.2	478.9	234.5	629.5	487.0	353.3	22.6	312.5	337.3	139.8	3,270.6
June qtr	356.3	643.0	240.7	682.9	549.2	332.4	21.8	371.7	378.6	155.1	3,731.7
Sept. qtr	357.9	779.1	202.0	601.6	562.6	338.3	32.2	342.4	412.7	159.2	3,788.1

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

	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
PRIVATE SECTOR							
1996-97	2,064.8	1,947.5	4,012.2	544.8	4,557.1	4,294.5	8,851.5
1997-98	2,476.9	2,489.9	4,966.8	683.2	5,650.0	5,256.8	10,906.8
1998-99	2,931.0	2,152.7	5,083.7	687.8	5,771.5	4,354.7	10,126.2
1998 June qtr	2,476.9	2,489.9	4,966.8	683.2	5,650.0	5,256.8	10,906.8
Sept. qtr	2,690.2	2,560.0	5,250.3	744.8	5,995.0	5,179.5	11,174.5
Dec. qtr	2,670.3	2,324.6	4,994.9	717.5	5,712.4	4,761.1	10,473.5
1999 Mar. qtr	2,700.0	2,380.8	5,080.8	698.6	5,779.4	4,642.9	10,422.3
June qtr	2,931.0	2,152.7	5,083.7	687.8	5,771.5	4,354.7	10,126.2
Sept. qtr	3,209.8	2,717.9	5,927.8	760.5	6,688.3	3,845.0	10,533.3
PUBLIC SECTOR							
1996-97	26.1	53.6	79.7	15.6	95.3	1,703.7	1,799.0
1997-98	34.5	78.5	113.0	20.5	133.5	2,708.7	2,842.2
1998-99	47.9	75.4	123.3	13.0	136.3	2,152.2	2,288.6
1998 June qtr	34.5	78.5	113.0	20.5	133.5	2,708.7	2,842.2
Sept. qtr	65.5	69.8	135.3	16.9	152.2	2,469.6	2,621.8
Dec. qtr	57.5	61.4	119.0	13.1	132.0	2,398.7	2,530.7
1999 Mar. qtr	47.3	67.4	114.7	12.7	127.4	2,453.9	2,581.3
June qtr	47.9	75.4	123.3	13.0	136.3	2,152.2	2,288.6
Sept. qtr	58.4	81.0	139.4	13.4	152.7	2,090.0	2,242.8
TOTAL							
1996-97	2,090.9	2,001.1	4,091.9	560.4	4,652.4	5,998.2	10,650.6
1997-98	2,511.4	2,568.4	5,079.8	703.7	5,783.5	7,965.6	13,749.0
1998-99	2,978.9	2,228.1	5,207.0	700.8	5,907.8	6,506.9	12,414.8
1998 June qtr	2,511.4	2,568.4	5,079.8	703.7	5,783.5	7,965.6	13,749.0
Sept. qtr	2,755.7	2,629.8	5,385.5	761.7	6,147.2	7,649.1	13,796.3
Dec. qtr	2,727.8	2,386.1	5,113.9	730.6	5,844.5	7,159.8	13,004.2
1999 Mar. qtr	2,747.3	2,448.2	5,195.5	711.3	5,906.8	7,096.8	13,003.6
June qtr	2,978.9	2,228.1	5,207.0	700.8	5,907.8	6,506.9	12,414.8
Sept. qtr	3,268.2	2,798.9	6,067.1	773.9	6,841.0	5,935.1	12,776.1

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

	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertain- ment and recreational</i>	<i>Miscel- laneous</i>	<i>Total non-resi- dential building</i>
PRIVATE SECTOR											
1996-97	852.2	901.2	282.1	835.7	450.6	112.4	34.7	261.9	482.6	81.1	4,294.5
1997-98	1,034.6	978.3	186.2	1,336.5	570.8	125.7	25.9	254.0	646.7	98.2	5,256.8
1998-99	869.7	1,057.8	174.2	963.2	365.0	138.9	44.4	290.9	406.9	43.7	4,354.7
1998 June qtr	1,034.6	978.3	186.2	1,336.5	570.8	125.7	25.9	254.0	646.7	98.2	5,256.8
Sept. qtr	990.4	904.3	206.5	1,534.9	485.6	162.4	32.8	224.8	566.7	71.1	5,179.5
Dec. qtr	990.3	914.0	230.9	1,283.5	399.0	131.4	35.9	264.1	457.4	54.6	4,761.1
1999 Mar. qtr	951.9	1,016.3	196.0	1,139.2	411.4	116.6	44.4	305.6	414.7	46.7	4,642.9
June qtr	869.7	1,057.8	174.2	963.2	365.0	138.9	44.4	290.9	406.9	43.7	4,354.7
Sept. qtr	752.3	879.2	184.8	787.2	316.1	171.4	55.1	309.5	338.6	50.7	3,845.0
PUBLIC SECTOR											
1996-97	5.1	26.1	8.8	284.2	173.0	452.0	0.8	394.9	154.6	204.1	1,703.7
1997-98	0.8	2.6	4.7	193.2	520.0	412.6	—	1,054.2	269.2	251.4	2,708.7
1998-99	1.9	20.6	11.4	109.2	339.5	544.2	0.4	704.9	273.2	147.1	2,152.2
1998 June qtr	0.8	2.6	4.7	193.2	520.0	412.6	—	1,054.2	269.2	251.4	2,708.7
Sept. qtr	0.5	1.6	6.3	170.1	437.4	443.2	—	969.6	231.5	209.4	2,469.6
Dec. qtr	0.6	27.5	4.6	148.0	379.4	478.9	0.1	837.6	334.5	187.3	2,398.7
1999 Mar. qtr	8.8	23.3	2.6	127.1	389.4	627.4	—	770.7	343.1	161.5	2,453.9
June qtr	1.9	20.6	11.4	109.2	339.5	544.2	0.4	704.9	273.2	147.1	2,152.2
Sept. qtr	0.1	21.1	1.8	112.4	261.0	532.0	0.1	730.8	240.8	189.9	2,090.0
TOTAL											
1996-97	857.3	927.3	290.9	1,119.9	623.6	564.4	35.5	656.8	637.2	285.2	5,998.2
1997-98	1,035.4	980.9	190.9	1,529.7	1,090.9	538.3	25.9	1,308.1	915.8	349.6	7,965.6
1998-99	871.6	1,078.4	185.5	1,072.4	704.4	683.1	44.8	995.8	680.1	190.8	6,506.9
1998 June qtr	1,035.4	980.9	190.9	1,529.7	1,090.9	538.3	25.9	1,308.1	915.8	349.6	7,965.6
Sept. qtr	990.9	905.8	212.9	1,705.0	923.0	605.6	32.8	1,194.4	798.2	280.5	7,649.1
Dec. qtr	990.9	941.5	235.5	1,431.5	778.4	610.3	36.0	1,101.7	791.9	241.9	7,159.8
1999 Mar. qtr	960.7	1,039.6	198.6	1,266.3	800.9	744.1	44.4	1,076.3	757.8	208.2	7,096.8
June qtr	871.6	1,078.4	185.5	1,072.4	704.4	683.1	44.8	995.8	680.1	190.8	6,506.9
Sept. qtr	752.4	900.4	186.7	899.6	577.1	703.4	55.1	1,040.4	579.3	240.6	5,935.1

TABLE 25. NUMBER AND VALUE OF BUILDING COMMENCED, BY STATE: ORIGINAL

State or Territory	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
1998-99											
NSW	27,548	20,821	1,359	49,728	3,721.7	2,499.4	6,221.1	1,293.4	7,514.5	4,578.3	12,092.9
Vic.	29,165	8,307	1,566	39,038	3,502.6	993.7	4,496.3	987.2	5,483.5	3,046.7	8,530.2
Qld	20,150	8,962	213	29,325	2,311.6	776.6	3,088.2	286.5	3,374.7	2,208.2	5,582.9
SA	6,296	1,062	57	7,416	629.0	142.3	771.3	139.7	911.0	624.3	1,535.3
WA	15,948	2,407	92	18,447	1,773.6	264.7	2,038.4	226.7	2,265.0	1,129.9	3,394.9
Tas.	1,264	107	6	1,377	127.5	6.8	134.2	39.8	174.0	182.1	356.2
NT	1,427	532	15	1,974	196.4	56.7	253.1	29.6	282.6	197.5	480.2
ACT	1,364	615	133	2,112	174.2	65.1	239.3	69.0	308.3	315.2	623.5
Australia	103,164	42,813	3,442	149,419	12,436.4	4,805.4	17,241.8	3,071.9	20,313.7	12,282.3	32,596.0
JUNE QUARTER 1999											
NSW	7,205	4,549	236	11,990	989.4	535.7	1,525.2	307.6	1,832.7	981.9	2,814.7
Vic.	7,910	2,466	259	10,634	977.6	279.5	1,257.1	250.4	1,507.6	771.8	2,279.4
Qld	5,492	1,973	18	7,483	651.5	179.6	831.0	62.8	893.9	576.1	1,469.9
SA	1,661	161	4	1,826	169.8	14.1	183.9	37.8	221.7	122.9	344.6
WA	4,157	731	15	4,903	473.2	70.4	543.6	62.3	605.9	234.0	839.9
Tas.	304	23	1	328	32.4	1.7	34.0	11.8	45.9	39.1	84.9
NT	318	97	2	417	42.1	14.0	56.1	7.5	63.6	34.9	98.5
ACT	379	114	—	493	49.8	16.5	66.3	17.0	83.3	68.1	151.4
Australia	27,426	10,114	535	38,075	3,385.7	1,111.5	4,497.2	757.2	5,254.5	2,828.7	8,083.2
SEPTEMBER QUARTER 1999											
NSW	7,228	6,042	204	13,474	1,045.2	935.4	1,980.6	361.0	2,341.6	1,332.3	3,673.9
Vic.	8,162	3,104	290	11,556	1,077.9	427.6	1,505.5	303.6	1,809.1	635.6	2,444.7
Qld	5,383	1,882	120	7,385	647.5	189.6	837.1	78.8	915.9	424.2	1,340.1
SA	1,781	367	5	2,153	186.0	63.9	250.0	42.6	292.5	108.7	401.2
WA	4,889	1,086	128	6,103	553.1	116.8	669.9	74.8	744.7	284.8	1,029.6
Tas.	304	18	4	326	31.0	1.5	32.5	11.4	43.9	31.7	75.6
NT	279	178	4	461	53.8	21.4	75.2	9.3	84.5	29.1	113.6
ACT	264	320	—	584	38.8	31.8	70.6	22.2	92.9	32.9	125.7
Australia	28,290	12,997	755	42,042	3,633.4	1,788.0	5,421.4	903.7	6,325.1	2,879.3	9,204.4

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

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
1998-99											
NSW	394.6	824.6	311.1	1,126.6	670.7	374.2	53.0	299.9	411.9	111.8	4,578.3
Vic.	188.6	444.1	263.6	428.1	448.8	485.0	19.5	239.9	402.4	126.7	3,046.7
Qld	330.4	494.0	156.3	234.7	283.3	224.6	14.2	197.5	150.6	122.7	2,208.2
SA	25.3	129.4	43.9	61.1	91.0	142.2	2.1	59.9	43.8	25.7	624.3
WA	51.3	380.3	90.0	101.6	163.0	108.7	5.5	57.5	116.0	56.0	1,129.9
Tas.	1.3	25.8	15.0	29.6	19.1	21.9	1.3	58.2	4.2	5.6	182.1
NT	9.6	20.6	6.0	51.0	24.4	16.2	0.5	16.1	25.0	28.1	197.5
ACT	20.9	76.5	0.6	49.9	20.3	109.9	0.4	4.5	23.0	9.3	315.2
Australia	1,021.9	2,395.3	886.4	2,082.7	1,720.6	1,482.6	96.7	933.4	1,177.0	485.8	12,282.3
JUNE QUARTER 1999											
NSW	74.7	159.7	79.1	248.2	137.2	80.7	11.1	115.3	55.8	20.1	981.9
Vic.	56.1	119.8	64.3	91.1	92.4	78.7	4.7	76.9	161.3	26.6	771.8
Qld	69.7	217.1	43.9	45.1	62.6	45.3	2.3	17.7	26.7	45.7	576.1
SA	3.5	17.8	5.5	16.9	26.1	17.5	0.4	25.9	6.4	2.8	122.9
WA	7.1	61.2	20.7	19.0	55.3	24.0	1.0	9.8	10.5	25.4	234.0
Tas.	0.3	12.2	3.9	3.1	1.5	8.8	0.3	5.0	1.9	2.0	39.1
NT	9.2	4.3	3.2	1.2	6.9	2.6	0.3	1.9	4.1	1.1	34.9
ACT	20.6	23.2	0.2	13.8	1.3	1.3	—	0.8	4.1	2.8	68.1
Australia	241.3	615.2	220.8	438.4	383.3	258.9	20.1	253.4	270.8	126.6	2,828.7
SEPTEMBER QUARTER 1999											
NSW	62.1	286.4	79.7	185.1	188.0	111.7	16.0	187.2	162.4	53.7	1,332.3
Vic.	32.5	105.5	69.4	76.4	118.6	86.0	12.6	71.7	32.0	31.0	635.6
Qld	52.7	83.2	13.3	36.2	43.1	72.2	0.3	81.2	26.1	16.0	424.2
SA	2.9	17.1	2.6	8.4	27.4	24.6	6.6	7.7	6.6	4.8	108.7
WA	11.4	50.6	18.3	15.9	29.0	33.5	8.1	10.4	9.3	98.3	284.8
Tas.	1.2	8.5	1.5	5.3	6.1	3.7	0.1	0.3	4.1	0.8	31.7
NT	3.1	2.7	1.4	3.0	1.6	6.8	0.5	2.4	0.6	7.0	29.1
ACT	—	7.6	0.5	3.8	4.7	2.4	—	0.1	13.7	0.2	32.9
Australia	165.9	561.5	186.7	334.2	418.4	340.9	44.2	361.0	254.8	211.7	2,879.3

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

State or Territory	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to	Total residential building	Total non-residential building	Total building
								residential buildings			
1998-99											
NSW	12,912	20,076	1,830	34,818	1,982.4	3,183.1	5,165.6	912.4	6,078.0	6,991.4	13,069.4
Vic.	14,455	6,198	908	21,561	1,902.1	843.0	2,745.1	451.3	3,196.3	3,072.5	6,268.8
Qld	5,970	4,835	91	10,896	751.5	484.4	1,236.0	88.9	1,324.9	2,654.8	3,979.7
SA	2,422	567	5	2,994	271.9	96.4	368.4	56.2	424.6	404.3	828.9
WA	6,487	1,611	59	8,157	877.9	198.8	1,076.6	112.5	1,189.1	759.7	1,948.8
Tas.	995	122	4	1,121	95.1	8.1	103.2	20.2	123.4	90.5	213.9
NT	492	293	6	791	70.9	42.9	113.8	10.3	124.1	103.4	227.4
ACT	492	494	133	1,119	69.6	55.0	124.5	31.5	156.1	335.9	492.0
Australia	44,225	34,196	3,036	81,457	6,021.3	4,911.8	10,933.1	1,683.3	12,616.4	14,412.6	27,028.9
JUNE QUARTER 1999											
NSW	12,912	20,076	1,830	34,818	1,982.4	3,183.1	5,165.6	912.4	6,078.0	6,991.4	13,069.4
Vic.	14,455	6,198	908	21,561	1,902.1	843.0	2,745.1	451.3	3,196.3	3,072.5	6,268.8
Qld	5,970	4,835	91	10,896	751.5	484.4	1,236.0	88.9	1,324.9	2,654.8	3,979.7
SA	2,422	567	5	2,994	271.9	96.4	368.4	56.2	424.6	404.3	828.9
WA	6,487	1,611	59	8,157	877.9	198.8	1,076.6	112.5	1,189.1	759.7	1,948.8
Tas.	995	122	4	1,121	95.1	8.1	103.2	20.2	123.4	90.5	213.9
NT	492	293	6	791	70.9	42.9	113.8	10.3	124.1	103.4	227.4
ACT	492	494	133	1,119	69.6	55.0	124.5	31.5	156.1	335.9	492.0
Australia	44,225	34,196	3,036	81,457	6,021.3	4,911.8	10,933.1	1,683.3	12,616.4	14,412.6	27,028.9
SEPTEMBER QUARTER 1999											
NSW	13,935	21,058	1,746	36,739	2,203.3	3,588.9	5,792.1	952.0	6,744.2	7,102.2	13,846.3
Vic.	15,739	7,685	991	24,415	2,135.6	1,077.0	3,212.6	536.9	3,749.5	2,932.4	6,681.9
Qld	5,771	4,762	169	10,702	766.2	489.1	1,255.3	90.6	1,345.9	2,531.7	3,877.5
SA	2,706	763	7	3,476	306.9	140.5	447.4	62.2	509.6	419.0	928.6
WA	7,944	2,161	161	10,266	1,052.7	268.6	1,321.4	126.8	1,448.2	802.9	2,251.1
Tas.	979	108	4	1,091	93.9	7.3	101.1	22.1	123.2	101.1	224.3
NT	421	293	5	719	73.2	42.9	116.1	12.6	128.7	76.2	205.0
ACT	495	550	133	1,178	72.8	55.6	128.4	41.4	169.9	335.6	505.5
Australia	47,989	37,380	3,216	88,585	6,704.6	5,669.9	12,374.5	1,844.7	14,219.2	14,301.0	28,520.2

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

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
1998-99											
NSW	882.1	853.1	179.6	2,057.1	1,196.2	433.7	51.1	463.2	769.6	105.8	6,991.4
Vic.	499.2	420.8	120.9	190.2	291.4	485.8	14.4	243.5	669.5	136.7	3,072.5
Qld	303.2	398.6	123.4	126.3	157.0	166.7	5.1	1,136.6	127.7	110.2	2,654.8
SA	23.1	86.6	12.2	21.6	37.0	115.2	1.7	51.5	35.9	19.5	404.3
WA	58.0	290.8	43.2	54.9	73.3	62.2	3.8	47.1	85.6	40.8	759.7
Tas.	0.8	11.7	4.8	4.1	1.4	10.1	2.2	50.7	2.9	1.7	90.5
NT	9.2	4.7	3.6	38.3	17.2	1.0	0.3	11.9	6.0	11.2	103.4
ACT	20.6	108.5	0.2	64.1	9.0	109.3	1.4	10.4	5.2	7.2	335.9
Australia	1,796.3	2,174.9	487.9	2,556.5	1,782.4	1,384.0	80.1	2,014.9	1,702.4	433.2	14,412.6
JUNE QUARTER 1999											
NSW	882.1	853.1	179.6	2,057.1	1,196.2	433.7	51.1	463.2	769.6	105.8	6,991.4
Vic.	499.2	420.8	120.9	190.2	291.4	485.8	14.4	243.5	669.5	136.7	3,072.5
Qld	303.2	398.6	123.4	126.3	157.0	166.7	5.1	1,136.6	127.7	110.2	2,654.8
SA	23.1	86.6	12.2	21.6	37.0	115.2	1.7	51.5	35.9	19.5	404.3
WA	58.0	290.8	43.2	54.9	73.3	62.2	3.8	47.1	85.6	40.8	759.7
Tas.	0.8	11.7	4.8	4.1	1.4	10.1	2.2	50.7	2.9	1.7	90.5
NT	9.2	4.7	3.6	38.3	17.2	1.0	0.3	11.9	6.0	11.2	103.4
ACT	20.6	108.5	0.2	64.1	9.0	109.3	1.4	10.4	5.2	7.2	335.9
Australia	1,796.3	2,174.9	487.9	2,556.5	1,782.4	1,384.0	80.1	2,014.9	1,702.4	433.2	14,412.6
SEPTEMBER QUARTER 1999											
NSW	830.0	955.0	188.4	2,062.4	1,182.9	462.1	54.0	623.6	644.0	99.8	7,102.2
Vic.	409.4	429.4	120.8	122.7	268.6	527.9	23.3	241.3	676.5	112.5	2,932.4
Qld	326.7	397.0	84.9	100.7	109.3	203.7	4.7	1,092.2	104.4	108.0	2,531.7
SA	7.8	92.4	12.5	20.2	43.8	128.0	8.1	47.8	37.2	21.2	419.0
WA	41.4	277.1	37.1	45.8	62.8	77.8	8.9	39.6	89.8	122.6	802.9
Tas.	1.1	16.2	5.1	6.2	4.0	12.6	2.2	46.5	6.5	0.6	101.1
NT	3.7	1.9	1.9	25.7	12.0	6.9	0.6	14.6	1.5	7.4	76.2
ACT	18.9	110.6	0.2	49.0	12.8	111.5	1.4	9.5	18.0	3.6	335.6
Australia	1,639.0	2,279.6	450.9	2,432.6	1,696.2	1,530.5	103.3	2,115.3	1,577.9	475.8	14,301.0

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

State or Territory	Number of dwelling units				Value (\$m)						
	New houses	New other residential building	Conversions etc.	Total dwelling units	New houses	New other residential building	New residential building	Alterations and additions to residential buildings	Total residential building	Total non-residential building	Total building
1998-99											
NSW	26,318	19,967	1,489	47,774	3,431.0	2,647.8	6,078.8	1,307.0	7,385.8	5,057.0	12,442.8
Vic.	26,926	7,029	1,381	35,336	3,212.2	855.9	4,068.1	992.4	5,060.5	3,050.5	8,111.0
Qld	20,772	11,110	586	32,468	2,415.9	1,054.9	3,470.9	310.6	3,781.5	2,407.8	6,189.3
SA	6,138	889	127	7,154	614.8	100.4	715.2	153.2	868.4	639.4	1,507.8
WA	15,306	2,353	134	17,793	1,654.5	238.3	1,892.8	200.5	2,093.3	985.1	3,078.4
Tas.	1,356	162	6	1,524	138.6	10.5	149.1	37.4	186.4	177.5	364.0
NT	1,384	793	13	2,190	190.8	88.5	279.4	30.8	310.1	244.8	554.9
ACT	1,149	366	5	1,520	146.9	40.9	187.9	60.2	248.1	407.0	655.1
Australia	99,345	42,669	3,742	145,757	11,804.8	5,037.3	16,842.1	3,092.0	19,934.2	12,969.1	32,903.2
JUNE QUARTER 1999											
NSW	7,069	5,944	297	13,310	918.6	944.9	1,863.5	329.6	2,193.2	1,023.2	3,216.4
Vic.	7,281	1,864	557	9,702	868.4	266.5	1,134.9	280.2	1,415.1	744.6	2,159.7
Qld	4,793	2,384	72	7,249	559.4	208.5	768.0	58.6	826.5	639.6	1,466.2
SA	1,393	263	19	1,675	140.7	29.7	170.3	31.0	201.4	122.0	323.3
WA	4,173	536	11	4,720	456.5	65.1	521.6	58.6	580.2	167.0	747.2
Tas.	302	32	1	335	31.3	1.8	33.1	10.1	43.1	33.1	76.2
NT	343	185	5	533	46.6	22.3	68.9	7.6	76.5	67.5	144.0
ACT	281	49	—	330	37.5	4.5	42.1	16.6	58.7	96.7	155.4
Australia	25,634	11,257	962	37,853	3,058.9	1,543.4	4,602.3	792.4	5,394.7	2,893.6	8,288.3
SEPTEMBER QUARTER 1999											
NSW	6,061	5,014	287	11,362	839.7	684.3	1,524.0	375.8	1,899.8	1,467.9	3,367.7
Vic.	6,878	1,611	205	8,694	843.5	214.4	1,057.9	229.3	1,287.2	833.7	2,120.9
Qld	5,566	1,890	42	7,498	636.0	184.2	820.2	78.9	899.1	550.5	1,449.5
SA	1,497	171	3	1,671	153.6	22.7	176.3	38.0	214.3	97.3	311.6
WA	3,432	527	26	3,985	385.2	48.3	433.6	62.8	496.4	251.8	748.1
Tas.	316	32	4	352	32.6	2.3	34.8	9.9	44.7	23.4	68.1
NT	350	178	5	533	51.9	21.1	73.0	7.2	80.2	56.1	136.3
ACT	261	256	—	517	35.5	26.5	62.0	14.2	76.2	38.1	114.3
Australia	24,361	9,679	572	34,612	2,977.9	1,203.9	4,181.8	816.0	4,997.8	3,318.8	8,316.6

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

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
1998-99											
NSW	361.2	910.8	330.2	1,000.8	863.7	347.7	28.0	370.5	684.7	159.4	5,057.0
Vic.	131.1	487.3	294.3	524.9	605.6	328.5	16.7	305.1	142.5	214.4	3,050.5
Qld	321.0	411.0	110.0	284.6	293.7	255.4	22.3	247.8	227.5	234.5	2,407.8
SA	8.1	114.8	59.6	102.1	132.2	68.5	8.3	80.1	46.5	19.3	639.4
WA	46.1	179.4	82.3	111.2	156.1	110.0	5.2	164.7	91.6	38.5	985.1
Tas.	1.2	20.3	19.4	33.3	26.9	27.6	0.7	24.6	5.5	18.1	177.5
NT	1.0	30.4	4.4	31.6	57.4	24.6	0.3	9.7	30.1	55.3	244.8
ACT	6.6	52.6	0.5	234.2	16.6	41.8	3.8	10.4	37.2	3.3	407.0
Australia	876.3	2,206.6	900.6	2,322.7	2,152.1	1,204.2	85.2	1,212.7	1,265.7	742.9	12,969.1
JUNE QUARTER 1999											
NSW	100.8	217.6	84.9	201.5	115.6	97.9	8.0	103.8	50.9	42.3	1,023.2
Vic.	28.0	118.0	83.1	121.3	105.1	118.8	4.1	93.2	47.7	25.3	744.6
Qld	95.3	97.3	29.6	67.9	78.7	30.7	7.7	55.9	34.9	141.6	639.6
SA	0.8	46.0	23.7	10.5	13.0	13.1	0.8	6.7	5.4	1.9	122.0
WA	4.2	31.6	19.7	9.5	25.9	32.4	1.1	4.5	30.7	7.3	167.0
Tas.	0.2	1.4	2.6	14.8	2.2	3.1	0.5	6.4	0.7	1.3	33.1
NT	0.6	1.3	0.8	3.4	29.3	4.7	—	5.1	14.8	7.3	67.5
ACT	0.1	24.8	0.4	38.6	1.5	19.6	2.0	—	9.5	0.2	96.7
Australia	230.0	538.0	244.8	467.4	371.2	320.3	24.2	275.7	194.7	227.3	2,893.6
SEPTEMBER QUARTER 1999											
NSW	165.3	195.7	79.3	268.2	206.6	90.6	11.3	61.0	332.0	57.9	1,467.9
Vic.	136.4	114.3	73.3	146.7	150.0	49.6	3.8	76.7	27.7	55.2	833.7
Qld	31.6	82.8	55.3	61.1	92.2	37.5	0.8	112.9	59.4	16.8	550.5
SA	19.4	12.0	2.7	9.8	20.3	11.7	0.1	12.6	5.6	3.1	97.3
WA	30.6	68.0	24.9	25.4	41.6	18.6	3.0	17.9	5.1	16.6	251.8
Tas.	0.9	4.4	1.2	3.3	3.4	3.0	0.2	4.5	0.5	1.9	23.4
NT	8.7	5.5	3.0	15.5	6.5	0.8	0.1	—	5.0	10.9	56.1
ACT	3.2	5.5	0.5	21.9	0.8	0.3	—	1.0	1.1	3.9	38.1
Australia	396.0	488.3	240.1	551.9	521.4	212.2	19.4	286.7	436.4	166.4	3,318.8

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

<i>State or Territory</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
1998-99							
NSW	3,589.1	2,995.7	6,584.8	1,447.6	8,032.4	5,963.5	13,995.9
Vic.	3,366.2	948.0	4,314.1	998.1	5,312.2	3,571.1	8,883.3
Qld	2,332.3	933.6	3,265.9	306.9	3,572.9	2,648.2	6,221.1
SA	614.6	123.1	737.7	147.7	885.4	571.6	1,457.0
WA	1,697.6	265.0	1,962.7	215.5	2,178.2	985.8	3,164.0
Tas.	134.3	7.8	142.1	39.3	181.4	177.3	358.7
NT	198.9	89.9	288.9	29.9	318.8	241.7	560.4
ACT	157.4	51.2	208.7	64.4	273.1	375.4	648.4
Australia	12,090.5	5,414.4	17,504.9	3,249.4	20,754.3	14,534.4	35,288.7
JUNE QUARTER 1999							
NSW	973.7	774.1	1,747.8	344.8	2,092.6	1,590.3	3,682.9
Vic.	899.8	253.0	1,152.9	265.6	1,418.4	874.2	2,292.6
Qld	573.8	188.9	762.6	65.1	827.8	695.7	1,523.4
SA	158.9	35.6	194.4	34.4	228.9	117.2	346.1
WA	432.8	75.6	508.4	59.4	567.8	284.3	852.1
Tas.	32.6	1.7	34.3	11.0	45.3	42.5	87.8
NT	43.2	21.4	64.6	7.6	72.2	52.4	124.6
ACT	43.2	20.8	64.1	20.6	84.7	75.2	159.9
Australia	3,158.0	1,371.1	4,529.1	808.6	5,337.7	3,731.7	9,069.4
SEPTEMBER QUARTER 1999							
NSW	1,007.8	763.9	1,771.8	402.2	2,174.0	1,652.5	3,826.5
Vic.	992.9	294.7	1,287.7	271.1	1,558.8	865.4	2,424.2
Qld	643.9	174.3	818.2	72.4	890.6	642.3	1,532.9
SA	171.5	46.5	218.0	41.1	259.1	171.6	430.6
WA	441.5	76.1	517.6	74.5	592.1	326.5	918.6
Tas.	33.5	2.0	35.5	10.9	46.4	44.0	90.4
NT	46.6	18.3	64.9	8.3	73.1	29.1	102.2
ACT	40.6	20.5	61.2	25.5	86.7	56.8	143.5
Australia	3,378.4	1,396.4	4,774.8	906.0	5,680.8	3,788.1	9,468.8

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

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
1998-99											
NSW	628.8	840.4	336.8	1,517.9	1,038.5	385.9	38.1	330.1	671.6	175.4	5,963.5
Vic.	239.0	632.1	270.0	513.4	565.6	470.9	16.9	275.0	389.8	198.3	3,571.1
Qld	266.2	509.2	167.2	252.5	308.4	245.3	17.8	516.9	194.0	170.7	2,648.2
SA	25.4	78.6	45.7	84.4	119.3	91.3	2.9	49.3	52.4	22.3	571.6
WA	57.7	268.0	87.5	103.9	165.6	104.7	6.1	59.6	91.7	40.9	985.8
Tas.	1.2	22.8	16.7	29.1	25.8	25.2	1.2	43.8	4.9	6.6	177.3
NT	8.1	23.7	3.9	56.8	40.3	22.7	0.3	10.6	27.8	47.5	241.7
ACT	6.6	89.8	0.5	148.3	19.0	56.5	3.5	11.2	33.0	6.9	375.4
Australia	1,233.1	2,464.7	928.4	2,706.3	2,282.5	1,402.4	86.7	1,296.6	1,465.2	668.6	14,534.4
JUNE QUARTER 1999											
NSW	179.5	208.9	89.0	429.5	270.9	103.0	10.4	90.6	173.2	35.2	1,590.3
Vic.	56.4	163.7	67.9	112.2	111.3	114.7	4.0	74.8	127.7	41.5	874.2
Qld	86.4	135.5	47.2	60.9	83.8	44.3	4.0	164.0	25.5	44.2	695.7
SA	5.8	17.5	6.7	12.5	18.3	25.7	0.5	10.8	12.4	7.0	117.2
WA	15.6	87.9	26.0	20.8	51.3	24.1	2.0	12.1	27.0	17.6	284.3
Tas.	0.2	5.5	2.1	5.7	2.2	6.5	0.6	16.8	0.8	2.0	42.5
NT	7.6	3.1	1.5	13.7	9.0	3.2	—	1.7	7.3	5.2	52.4
ACT	4.8	20.9	0.1	27.7	2.4	10.9	0.3	1.0	4.6	2.4	75.2
Australia	356.3	643.0	240.7	682.9	549.2	332.4	21.8	371.7	378.6	155.1	3,731.7
SEPTEMBER QUARTER 1999											
NSW	155.2	292.7	70.7	391.2	288.1	99.6	17.6	102.8	203.9	30.6	1,652.5
Vic.	71.0	158.5	67.8	92.2	121.4	106.5	8.0	70.8	124.5	44.6	865.4
Qld	96.5	149.7	35.1	57.0	63.0	48.0	0.7	120.5	31.5	40.2	642.3
SA	3.9	32.5	3.9	16.1	42.0	36.1	1.1	17.3	11.0	7.9	171.6
WA	20.4	115.1	18.3	22.3	35.3	31.4	3.9	17.1	33.4	29.3	326.5
Tas.	1.1	11.1	2.8	5.6	5.4	4.1	0.5	10.8	1.6	1.0	44.0
NT	2.8	3.3	3.0	4.8	3.6	1.9	0.3	1.7	3.6	4.0	29.1
ACT	6.9	16.1	0.4	12.5	3.8	10.7	—	1.4	3.3	1.7	56.8
Australia	357.9	779.1	202.0	601.6	562.6	338.3	32.2	342.4	412.7	159.2	3,788.1

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

<i>State or Territory</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Total residential building</i>	<i>Total non-residential building</i>	<i>Total building</i>
1998-99							
NSW	1,004.9	1,385.2	2,390.0	363.6	2,753.7	3,001.8	5,755.5
Vic.	920.7	437.7	1,358.5	194.9	1,553.4	1,302.8	2,856.2
Qld	354.3	214.6	569.0	34.2	603.2	1,333.8	1,937.0
SA	132.1	44.8	176.9	26.5	203.4	248.4	451.8
WA	456.9	99.5	556.4	53.6	610.0	380.1	990.1
Tas.	42.6	3.8	46.4	8.4	54.8	36.2	91.0
NT	31.6	13.7	45.4	4.9	50.3	31.7	82.0
ACT	35.8	28.7	64.4	14.7	79.1	172.0	251.2
Australia	2,978.9	2,228.1	5,207.0	700.8	5,907.8	6,506.9	12,414.8
JUNE QUARTER 1999							
NSW	1,004.9	1,385.2	2,390.0	363.6	2,753.7	3,001.8	5,755.5
Vic.	920.7	437.7	1,358.5	194.9	1,553.4	1,302.8	2,856.2
Qld	354.3	214.6	569.0	34.2	603.2	1,333.8	1,937.0
SA	132.1	44.8	176.9	26.5	203.4	248.4	451.8
WA	456.9	99.5	556.4	53.6	610.0	380.1	990.1
Tas.	42.6	3.8	46.4	8.4	54.8	36.2	91.0
NT	31.6	13.7	45.4	4.9	50.3	31.7	82.0
ACT	35.8	28.7	64.4	14.7	79.1	172.0	251.2
Australia	2,978.9	2,228.1	5,207.0	700.8	5,907.8	6,506.9	12,414.8
SEPTEMBER QUARTER 1999							
NSW	1,063.5	1,712.0	2,775.5	378.4	3,153.9	2,934.0	6,087.9
Vic.	1,004.8	591.6	1,596.4	238.8	1,835.2	1,131.1	2,966.3
Qld	361.5	231.9	593.4	42.3	635.7	1,121.7	1,757.4
SA	149.1	65.2	214.3	29.4	243.7	188.7	432.4
WA	575.5	143.0	718.5	56.2	774.8	348.6	1,123.4
Tas.	40.5	3.3	43.7	9.3	53.1	26.2	79.3
NT	39.3	16.6	55.9	6.2	62.1	31.6	93.7
ACT	33.8	35.5	69.3	13.3	82.6	153.1	235.7
Australia	3,268.2	2,798.9	6,067.1	773.9	6,841.0	5,935.1	12,776.1

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

<i>State or Territory</i>	<i>Hotels etc.</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
1998-99											
NSW	341.7	466.3	71.4	861.2	494.8	248.7	30.0	231.9	221.4	34.4	3,001.8
Vic.	281.0	131.0	48.6	76.8	92.7	190.1	8.0	103.5	323.1	48.1	1,302.8
Qld	206.0	198.3	33.8	70.7	56.8	63.9	2.7	569.3	62.7	69.6	1,333.8
SA	3.5	70.6	8.2	11.8	22.3	69.2	1.2	33.1	17.7	10.8	248.4
WA	20.9	163.5	18.1	26.7	27.1	29.2	1.1	24.0	47.8	21.7	380.1
Tas.	0.5	7.0	3.0	2.2	0.5	4.3	1.3	15.4	1.7	0.4	36.2
NT	2.1	1.8	2.3	3.7	4.4	0.2	0.3	10.6	3.5	2.8	31.7
ACT	15.9	39.8	0.1	19.5	5.8	77.5	0.3	8.0	2.2	3.0	172.0
Australia	871.6	1,078.4	185.5	1,072.4	704.4	683.1	44.8	995.8	680.1	190.8	6,506.9
JUNE QUARTER 1999											
NSW	341.7	466.3	71.4	861.2	494.8	248.7	30.0	231.9	221.4	34.4	3,001.8
Vic.	281.0	131.0	48.6	76.8	92.7	190.1	8.0	103.5	323.1	48.1	1,302.8
Qld	206.0	198.3	33.8	70.7	56.8	63.9	2.7	569.3	62.7	69.6	1,333.8
SA	3.5	70.6	8.2	11.8	22.3	69.2	1.2	33.1	17.7	10.8	248.4
WA	20.9	163.5	18.1	26.7	27.1	29.2	1.1	24.0	47.8	21.7	380.1
Tas.	0.5	7.0	3.0	2.2	0.5	4.3	1.3	15.4	1.7	0.4	36.2
NT	2.1	1.8	2.3	3.7	4.4	0.2	0.3	10.6	3.5	2.8	31.7
ACT	15.9	39.8	0.1	19.5	5.8	77.5	0.3	8.0	2.2	3.0	172.0
Australia	871.6	1,078.4	185.5	1,072.4	704.4	683.1	44.8	995.8	680.1	190.8	6,506.9
SEPTEMBER QUARTER 1999											
NSW	299.7	477.2	88.8	743.5	400.1	268.1	26.5	350.6	223.9	55.8	2,934.0
Vic.	256.4	95.5	54.1	63.7	98.4	175.2	12.6	107.2	233.3	34.5	1,131.1
Qld	164.6	131.8	15.5	50.0	38.3	90.4	2.4	517.4	67.3	43.9	1,121.7
SA	3.7	55.9	7.3	4.2	7.4	57.5	6.7	24.8	13.6	7.7	188.7
WA	14.6	102.8	18.6	20.6	22.9	32.0	5.3	17.3	23.7	90.8	348.6
Tas.	0.6	4.7	1.6	2.0	1.2	5.7	1.0	4.9	4.2	0.3	26.2
NT	2.5	1.1	0.7	1.7	2.1	5.1	0.4	11.5	0.5	5.9	31.6
ACT	10.5	31.3	0.1	13.9	6.7	69.3	0.2	6.8	12.8	1.7	153.1
Australia	752.4	900.4	186.7	899.6	577.1	703.4	55.1	1,040.4	579.3	240.6	5,935.1

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

State or Territory	New residential building				Value	
	Houses		Total Number of dwelling units	Value	Alterations and additions to residential buildings	Total building
	Number	Value				
COMMENCED						
NSW	3.2	3.3	1.7	1.7	4.6	1.0
Vic.	2.5	2.5	1.8	1.8	3.6	1.2
Qld	2.5	2.6	1.8	2.0	2.7	1.3
SA	3.1	3.0	2.6	2.2	5.9	1.5
WA	3.6	3.1	2.9	2.6	4.8	1.7
Tas.	1.5	1.6	1.4	1.5	3.9	0.9
ACT	0.7	0.7	0.3	0.4	3.3	0.6
Australia	1.4	1.4	0.9	0.9	2.3	0.6
UNDER CONSTRUCTION AT END OF PERIOD						
NSW	2.4	2.5	1.0	1.0	4.4	0.5
Vic.	2.8	2.6	1.9	1.6	3.5	0.8
Qld	3.8	3.8	2.1	2.3	4.4	0.7
SA	2.8	2.7	2.2	1.8	5.7	1.0
WA	2.9	2.7	2.2	2.1	4.7	1.3
Tas.	2.0	1.9	1.8	1.8	4.9	0.9
ACT	0.9	1.0	0.4	0.6	3.2	0.3
Australia	1.3	1.3	0.8	0.7	2.5	0.3
COMPLETED						
NSW	4.3	4.4	2.4	2.4	4.9	1.3
Vic.	4.9	4.9	3.9	3.9	6.1	2.1
Qld	3.7	4.0	2.8	3.1	4.4	1.8
SA	4.4	4.6	4.0	4.1	7.3	2.5
WA	5.1	5.4	4.4	4.8	8.4	2.9
Tas.	2.6	2.6	2.3	2.4	6.0	1.5
ACT	1.8	2.2	0.9	1.3	6.5	1.1
Australia	2.1	2.2	1.5	1.6	3.1	0.8
VALUE OF WORK DONE DURING PERIOD						
NSW	..	2.6	..	1.5	3.6	0.8
Vic.	..	2.5	..	1.9	3.7	1.1
Qld	..	2.6	..	2.1	3.9	1.1
SA	..	2.6	..	2.0	4.9	1.1
WA	..	2.8	..	2.4	4.4	1.4
Tas.	..	1.7	..	1.6	4.2	0.8
ACT	..	0.8	..	0.6	3.1	0.6
Australia	..	1.2	..	0.9	2.0	0.5
VALUE OF WORK YET TO BE DONE						
NSW	..	3.0	..	1.1	3.6	0.6
Vic.	..	2.8	..	1.8	3.8	1.0
Qld	..	4.5	..	2.7	4.5	0.9
SA	..	3.2	..	2.2	6.6	1.2
WA	..	2.8	..	2.3	5.0	1.5
Tas.	..	2.1	..	2.0	6.2	1.3
ACT	..	1.0	..	0.5	5.2	0.3
Australia	..	1.5	..	0.8	2.2	0.4

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains detailed results from the quarterly Building Activity Survey. Each issue includes revisions to the previous quarter. Therefore data for the latest quarter should be considered to be preliminary only.

2 The statistics were compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. The quarterly survey consists of two components:

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

3 From the September quarter 1990, only non-residential building jobs (both new and alterations and additions) with an approval value of \$50,000 (previously \$30,000) or more are included in the survey.

4 The use of sample survey techniques in the Building Activity Survey means that reliable estimates of private sector house building activity, including alterations and additions to houses, are generally only available at the State, Territory and Australia levels. The Northern Territory has been completely enumerated since the June quarter 1991 and small area data are available on request. Also, data for regions below State and Territory level are available from the building approvals series compiled by the Australian Bureau of Statistics (ABS) and based on information reported by local government and other reporting authorities.

SCOPE AND COVERAGE

5 The statistics relate to *building* activity which includes construction of new buildings and alterations and additions to existing buildings. Construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.) is excluded.

6 Building jobs included in each quarter in the Building Activity Survey comprise those jobs selected in previous quarters which have not been completed (or commenced) by the end of the previous quarter and those jobs newly selected in the current quarter. The population list from which jobs are selected for inclusion comprises all approved building jobs which were notified to the ABS (refer paragraph 2) up to but not including the last month of the reference quarter (i.e. up to the end of August in respect of the September quarter survey). This introduces a lag to the statistics in respect of those jobs notified *and* commenced in the last month of the reference quarter (i.e. for the month of September in respect of the September quarter survey). For example, jobs which were notified as approved in the month of June and which actually commenced in that month are shown as commencements in the September quarter. Similarly, building jobs which were notified in the month of September and which actually commenced in that month are shown as commencements in the December quarter.

DEFINITIONS

7 A *building* is defined as a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design, to satisfy its intended use, is the provision for regular access by persons.

8 A *dwelling unit* is defined as a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Units (whether self-contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in the appropriate category of non-residential building.

9 A *residential building* is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either *houses* or *other residential buildings*:

- A *house* is defined as a detached building predominantly used for long-term residential purposes and consisting of only one dwelling unit. Thus, detached 'granny flats' and detached dwelling units (such as caretakers' residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.
- An *other residential building* is defined as a building which is predominantly used for long-term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes townhouses, duplexes, apartment buildings, etc.).

10 From the June quarter 1996 issue of this publication, the number of dwelling units created as part of alterations and additions to, or conversions of, existing residential or non-residential buildings and as part of the construction of non-residential building is shown separately (see tables 15, 17, 19, 25, 27 and 29) under the heading of 'Conversions, etc.', and is included in the total number of dwelling units shown in these tables. Previously, such dwellings were only included as a footnote.

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

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

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

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

VALUATION OF BUILDING JOBS

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

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

BUILDING CLASSIFICATION

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

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

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

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

BUILDING CLASSIFICATION *continued*

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

RELIABILITY OF THE ESTIMATES

19 Since the figures for private sector house building activity (including alterations and additions to private sector houses) are derived from information obtained from a sample of approved building jobs, they are subject to sampling error; that is, they may differ from the figures that would have been obtained if information for all approved jobs for the relevant period had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of approved jobs was included. There are about two chances in three that a sample estimate will differ by less than one SE from the figure that would have been obtained if all approved jobs had been included, and about nineteen chances in twenty that the difference will be less than two SEs. Another measure of sampling variability is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate to which it refers. The RSEs of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in table 35.

20 An example of the use of RSEs is as follows. Assume that the estimate of the number of new private sector houses commenced during the latest quarter is 30,000 (for actual estimate see table 15) and that the associated RSE is 1.5 per cent (for actual percentage see table 35). There would then be about two chances in three that the number which would have been obtained if information had been collected about all approved private sector house jobs would have been within the range 29,550 to 30,450 (1.5 per cent of 30,000 is 450) and about nineteen chances in twenty that the number would have been within the range 29,100 to 30,900.

21 The imprecision due to sampling variability, which is measured by the RSE, should not be confused with inaccuracies that may occur because of inadequacies in the source of building approval information, imperfections in reporting by respondents, and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as non-sampling error, and may occur in any enumeration whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by the careful design of questionnaires, efforts to obtain responses for all selected jobs, and efficient operating procedures.

SEASONAL ADJUSTMENT

22 Seasonally adjusted building statistics are shown in tables 1–4 and 7–14. In the seasonally adjusted series, account has been taken of normal seasonal factors and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters. Details regarding the methods used in seasonally adjusting the series are available on request.

23 Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual quarter-to-quarter movements. Each of the component series shown has been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, the adjusted components may not add to the adjusted totals. Further, the difference between independently seasonally adjusted series does not necessarily produce series which are optimal or even adequate adjustments of the similarly derived original series. Thus, the figures which can be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally adjusted total should not be used to represent seasonally adjusted public sector dwelling units.

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

TREND ESTIMATES

25 Seasonally adjusted series can be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate.

26 The trend estimates are derived by applying a 7-term Henderson moving average to the seasonally adjusted series. The 7-term Henderson average (like all Henderson averages) is symmetric but, as the end of a time series is approached, asymmetric forms of the average are applied. Unlike weights of the standard 7-term Henderson moving average, the weights employed here have been tailored to suit the particular characteristics of individual series.

27 While the smoothing technique described in paragraphs 25 and 26 enables trend estimates to be produced for recent quarters, it does result in revisions to the estimates for the most recent three quarters as additional observations become available. There may also be revisions because of changes in the original data and as a result of the re-estimation of the seasonal factors. For further information, see *Information Paper: A Guide to Interpreting Time Series — Monitoring Trends: an Overview* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6345.

CHAIN VOLUME MEASURES

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

CHAIN VOLUME MEASURES *continued*

29 While current price estimates of the value of commencements and work done reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and new other building components of the national accounts aggregate 'Gross fixed capital formation'.

30 The chain volume measures of commencements and work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 1997–98). The reference year will be updated annually in the June quarter publication. Each year's data in the value of commencements and work done series are based on the prices of the previous year, except for the quarters of the latest incomplete year which are based upon the current reference year (i.e. 1997–98). Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the ABS *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0).

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

ACKNOWLEDGMENT

32 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

UNPUBLISHED DATA AND RELATED PUBLICATIONS

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

EXPLANATORY NOTES *continued*

UNPUBLISHED DATA AND RELATED PUBLICATIONS *continued*

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

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

Building Activity, Australia: Building Work Done, Preliminary
(Cat. no. 8755.0) — issued quarterly

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

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

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

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

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

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

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

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

SYMBOLS AND OTHER USAGES

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

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

SELF-HELP ACCESS TO STATISTICS

- CPI INFOLINE* For current and historical Consumer Price Index data, call 1902 981 074 (call cost 75c per minute).
- DIAL-A-STATISTIC* For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 75c per minute).
- INTERNET* www.abs.gov.au
- LIBRARY* A range of ABS publications is available from public and tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require.

WHY NOT SUBSCRIBE?

- PHONE* +61 1300 366 323
- FAX* +61 3 9615 7848

CONSULTANCY SERVICES

ABS offers consultancy services on a user pays basis to help you access published and unpublished data. Data that is already published and can be provided within 5 minutes is free of charge. Statistical methodological services are also available. Please contact:

<i>INQUIRIES</i>	<i>City</i>	<i>By phone</i>	<i>By fax</i>
	Canberra	02 6252 6627	02 6207 0282
	Sydney	02 9268 4611	02 9268 4668
	Melbourne	03 9615 7755	03 9615 7798
	Brisbane	07 3222 6351	07 3222 6283
	Perth	08 9360 5140	08 9360 5955
	Adelaide	08 8237 7400	08 8237 7566
	Hobart	03 6222 5800	03 6222 5995
	Darwin	08 8943 2111	08 8981 1218

POST Client Services, ABS, PO Box 10, Belconnen ACT 2616

EMAIL client.services@abs.gov.au



2875200009997
ISSN 0728-375X

RRP \$18.50